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# The Patent

Office Record

# La Gazette

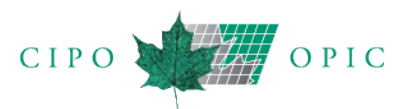
du Bureau des brevets



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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle  
Commissioner of Patents

Johanne Bélisle  
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:

None

## 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 :

Aucun

## 9. Applications Open to Public Inspection

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 However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*.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

## 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 29, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
For each additional sheet over 30	\$20
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 29 décembre 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
Pour chaque feuille au delà de 30	20 \$
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

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$268

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

\* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$268 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$402 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

## 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)).

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 268 \$

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

\* Les frais seront réduits de:

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

## 12. 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).

### 15. Correspondence Procedures

May 24, 2016

**This notice will replace 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.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

**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](#).

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. Procédures de correspondance

le 24 mai, 2016

**Le présent avis remplacera tous les avis antérieurs relatifs 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.

Veillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

**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  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada  
Sun Life Building  
1155 Metcalfe Street, Room 950  
Montreal QC H3B 2V6  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

### 1. Établissements désignés

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

1. Industrie Canada  
Édifce C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada  
Édifce Sun Life  
1155, rue Metcalfe, bureau 950  
Montréal (Québec) H3B 2V6  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

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.

## Avis

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.

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

### 2. Registered Mail™ and Xpresspost™ 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™ and Xpresspost™ services of Canada Post are designated establishment 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.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next 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, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

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.

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

### 2. Service Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> 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*, les services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

### 3. Correspondance électronique

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

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

## Notices

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.

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 that 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 Fee Payment Form to ensure expedient processing.

### 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 Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

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.

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'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

### Brevets

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

### 3.2 En ligne

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



### Patents

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

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

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

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

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

### Trade-marks

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

- [filing a new or revised trade-mark 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](#); and
- [statement of Opposition](#); and
- [extensions of time in trade-mark opposition cases](#).

### 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 et ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

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

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

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

### Marques de commerce

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

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce](#);
- [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

### Copyright

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 a 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 copyright](#).

### 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

### 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 œuvre](#),
- [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.

## Avis

prescribed in the *Patent Rules* still remain.

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: 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:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. 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.

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 labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

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: 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 :

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

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

## Notices

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.

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;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, 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'OPIB encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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;

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- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

### ASCII Format:

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

### Format ASCII :

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

## ***Industrial Design***

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

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

### TIFF Format:

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

### 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 1/2" 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](#).

## ***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 « Stellant 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.

### Photographies en format JPEG :

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

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

## **5. Renseignements généraux**

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

## **16. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of August 30, 2016 contains applications open to public inspection from August 14, 2016 to August 20, 2016.

## **17. Erratum**

The information concerning application number 2,930,195 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of May 31, 2016 was incorrect. Please note that no application is open to public inspection under this number.

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

La *Gazette du bureau des brevets* du 30 août 2016 contient les demandes disponibles au public pour consultation pour la période du 14 août 2016 au 20 août 2016.

## **17. Erratum**

Les renseignements concernant la demande 2,930,195 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 31 mai 2016 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

# Canadian Patents Issued

August 30, 2016

## Brevets canadiens délivrés

30 août 2016

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[11] **2,312,518**

[13] C

- [51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **CREW OPTIMIZATION ENGINE FOR REPAIR OF PAIRINGS DURING IRREGULAR AIRLINE OPERATIONS**  
[54] **MOTEUR D'OPTIMISATION DES EQUIPAGES POUR REFAIRE L'APPARIEMENT AU COURS D'OPERATIONS AERIENNES IRREGULIERES**  
[72] YU, GANG, US  
[72] SONG, GAO, US  
[73] GE AVIATION SYSTEMS TALERIS LTD., GB  
[86] (2312518)  
[87] (2312518)  
[22] 2000-06-27  
[30] US (09/364,156) 1999-07-30

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[11] **2,392,229**

[13] C

- [51] **Int.Cl. G06Q 20/40 (2012.01) G06F 21/32 (2013.01)**  
[25] EN  
[54] **METHODS, SYSTEMS, AND APPARATUSES FOR SECURE INTERACTIONS**  
[54] **PROCEDES, SYSTEMES ET APPAREILS POUR INTERACTIONS SECURISEES**  
[72] RUSSELL, DAVID, US  
[72] JOHNSON, BARRY, US  
[72] PETKA, DAVID, US  
[72] SINGER, BART A., US  
[73] APPLE INC., US  
[85] 2002-05-16  
[86] 2000-11-29 (PCT/US2000/042323)  
[87] (WO2001/041032)  
[30] US (60/168,082) 1999-11-30

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[11] **2,425,305**

[13] C

- [51] **Int.Cl. G06Q 10/08 (2012.01) G05B 19/406 (2006.01) G07C 3/14 (2006.01)**  
[25] FR  
[54] **IDENTIFICATION PROCESS TO MAKE PRODUCTS MANUFACTURED ON A PRODUCTION LINE TRACEABLE, AND APPLICATIONS**  
[54] **PROCEDE D'IDENTIFICATION PERMETTANT DE CONFERER UNE TRACABILITE A DES PRODUITS FABRIQUES SUR UNE LIGNE DE FABRICATION, ET APPLICATIONS**  
[72] GUEUGNAUT, DOMINIQUE, FR  
[72] DARUT, ALAIN, FR  
[72] DATTOLO, FRANCIS, FR  
[73] GDF SUEZ, FR  
[86] (2425305)  
[87] (2425305)  
[22] 2003-04-11  
[30] FR (02 04 871) 2002-04-18

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[11] **2,432,493**

[13] C

- [51] **Int.Cl. A61N 5/10 (2006.01) A61B 6/02 (2006.01) G06F 17/13 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **REAL TIME RADIATION TREATMENT PLANNING SYSTEM**  
[54] **SYSTEME DE PLANIFICATION DE RADIOTHERAPIES EN TEMPS REEL**  
[72] KINDLEIN, JOHANN, DE  
[72] KUIPERS, FRANS, DE  
[72] BALTAS, DIMOS, DE  
[72] SCHOT, HANS MARTIN, DE  
[72] SAKAS, GEORGIOS, DE  
[73] NUCLETRON OPERATIONS B.V., NL  
[86] (2432493)  
[87] (2432493)  
[22] 2003-06-16  
[30] EP (02077436.0) 2002-06-17

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[11] **2,451,164**

[13] C

- [51] **Int.Cl. G06F 17/00 (2006.01) G06F 9/44 (2006.01)**  
[25] EN  
[54] **CUSTOMIZABLE COMPONENTS**  
[54] **ELEMENTS PERSONNALISABLES**  
[72] TATTRIE, SCOTT I., CA  
[72] DINN, TRENT SHELDON, CA  
[73] OPEN TEXT ULC, CA  
[86] (2451164)  
[87] (2451164)  
[22] 2003-09-11

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[11] **2,464,429**

[13] C

- [51] **Int.Cl. G01V 1/48 (2006.01)**  
[25] EN  
[54] **GLOBAL CLASSIFICATION OF SONIC LOGS**  
[54] **CLASSIFICATION GLOBALE DE DIAGRAPHERS SONIQUES**  
[72] VALERO, HENRI-PIERRE, JP  
[72] BRIE, ALAIN, FR  
[72] ENDO, TAKESHI, JP  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2004-04-21  
[86] 2002-11-04 (PCT/IB2002/004611)  
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[30] US (10/005,497) 2001-11-08

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[13] C

[51] **Int.Cl. A61B 5/0215 (2006.01) A61M 39/22 (2006.01) F16K 31/12 (2006.01)**  
[25] EN  
[54] **LOW PRESSURE MEASUREMENT DEVICES IN HIGH PRESSURE ENVIRONMENTS**  
[54] **DISPOSITIFS DE MESURE DE BASSES PRESSIONS DANS DES ENVIRONNEMENTS SOUS HAUTES PRESSIONS**  
[72] WILSON, ROBERT F., US  
[72] DUCHON, DOUGLAS J., US  
[72] GABBARD, MARK, US  
[72] MOHIUDDIN, KHADER, US  
[72] MCPEAK, THOMAS, US  
[73] ACIST MEDICAL SYSTEMS, INC., US  
[85] 2004-06-04  
[86] 2002-12-09 (PCT/US2002/041654)  
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[30] US (60/338,859) 2001-12-07  
[30] US (60/338,883) 2001-12-07  
[30] US (10/316,147) 2002-12-09

[11] **2,469,664**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **COMMUNICATION APPLICATION SERVER FOR CONVERGED COMMUNICATION SERVICES**  
[54] **SERVEUR D'APPLICATION DE COMMUNICATION POUR SERVICES DE COMMUNICATIONS CONVERGENTES**  
[72] PUTMAN, JANIS RAE, US  
[72] NGUYEN, MAI-HUONG, US  
[72] HANSON, THOMAS C., US  
[72] SRINIVASAN, SUCHITRA, US  
[73] AVAYA TECHNOLOGY CORP., US  
[85] 2004-06-07  
[86] 2003-01-14 (PCT/US2003/001097)  
[87] (WO2003/061242)  
[30] US (60/348,776) 2002-01-15  
[30] US (60/363,377) 2002-03-11

[11] **2,494,145**  
[13] C

[51] **Int.Cl. B61L 7/06 (2006.01) B61L 3/12 (2006.01) G08C 17/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR WIRELESS REMOTE CONTROL OF LOCOMOTIVES**  
[54] **SYSTEME ET PROCEDE DE COMMANDE A DISTANCE SANS FIL DE LOCOMOTIVES**  
[72] AIKEN, ROBERT C., US  
[72] EVANS, RICHARD, US  
[72] VERHOLEK, CARL L., US  
[72] DUCKLIN, WILLIAM, US  
[72] MCDONALD, STEVE, US  
[72] CONNER, DANA, US  
[72] LORDO, SCOTT, US  
[72] BELLOTTI, CURT, US  
[72] RADER, ROBERT, US  
[73] CATTRON-THEIMEG, INC., US  
[85] 2005-01-31  
[86] 2003-07-31 (PCT/US2003/024029)  
[87] (WO2004/012019)  
[30] US (10/210,777) 2002-07-31

[11] **2,527,458**  
[13] C

[51] **Int.Cl. G06F 3/13 (2006.01) H04L 12/16 (2006.01) G06Q 50/10 (2012.01) G06K 15/22 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR OPTIMIZED TRACING OF A PATTERN ON A SURFACE**  
[54] **APPAREIL ET METHODE DE TRACAGE OPTIMISE D'UN MOTIF SUR UNE SURFACE**  
[72] DARLING, ROBERT JAMES, CA  
[72] POPOVIC, MILOS, CA  
[72] WILTSHIRE, H.D. JOHN, CA  
[73] SYNGRAFII INC., CA  
[86] (2527458)  
[87] (2527458)  
[22] 2005-11-21  
[30] CA (2,488,491) 2004-11-25

[11] **2,539,283**  
[13] C

[51] **Int.Cl. G06Q 20/28 (2012.01) H04W 4/14 (2009.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **DELIVERY OF VALUE IDENTIFIERS USING SHORT MESSAGE SERVICE (SMS)**  
[54] **LIVRAISON D'IDENTIFICATEURS DE VALEUR PAR SERVICE D'ENVOI DE MESSAGES COURTS (SEMC)**  
[72] GUEST, JOHN D., GB  
[72] TAGG, BRIAN R., GB  
[72] LOWIN, LESLIE G., GB  
[73] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US  
[86] (2539283)  
[87] (2539283)  
[22] 2006-03-10  
[30] US (60/664,188) 2005-03-23  
[30] US (11/233,704) 2005-09-23

[11] **2,542,951**  
[13] C

[51] **Int.Cl. C07K 14/00 (2006.01) C12P 21/06 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PURIFYING PROTEINS IN A HYDROPHOBIC INTERACTION CHROMATOGRAPHY FLOW-THROUGH FRACTION**  
[54] **PROCEDE DE PURIFICATION DE PROTEINES DANS UNE FRACTION A ECOULEMENT CONTINU DE CHROMATOGRAPHIE D'INTERACTION HYDROPHOBE**  
[72] SHUKLA, ABHINAV A., US  
[72] GHOSE, SANCHAYITA, US  
[73] AMGEN INC., US  
[85] 2006-04-19  
[86] 2004-10-22 (PCT/US2004/035007)  
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[25] EN

[54] **METHODS AND COMPOSITIONS FOR ENHANCING DELIVERY OF DOUBLE-STRANDED RNA OR A DOUBLE-STRANDED HYBRID NUCLEIC ACID TO REGULATE GENE EXPRESSION IN MAMMALIAN CELLS**

[54] **PROCEDES ET COMPOSITION POUR RENFORCER L'ADMINISTRATION D'ARN DOUBLE BRIN OU D'ACIDE NUCLEIQUE HYBRIDE DOUBLE BRIN POUR REGULER L'EXPRESSION GENIQUE DANS DES CELLULES MAMMALIENNES**

[72] AHMADIAN, MOHAMMAD, US

[72] CUI, KUNYUAN, US

[72] CHEN, LISHAN, US

[72] QUAY, SHU-CHIH CHEN, US

[72] HOUSTON, MICHAEL E., JR., US

[73] MARINA BIOTECH, INC., US

[85] 2006-10-20

[86] 2005-04-15 (PCT/US2005/012653)

[87] (WO2006/019430)

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[13] C

[51] **Int.Cl. C12N 5/07 (2010.01) C12N 1/00 (2006.01) C12N 5/02 (2006.01)**

[25] EN

[54] **A METHOD FOR CREATING CELL CLUSTERS**

[54] **METHODE DE CREATION DE GROUPE CELLULAIRES**

[72] GHABRIAL, RAGAE M., US

[73] LIFESCAN, INC., US

[86] (2568475)

[87] (2568475)

[22] 2006-11-17

[30] US (60/738,171) 2005-11-18

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[11] **2,569,508**  
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) A61K 31/095 (2006.01) A61K 33/04 (2006.01)**

[25] EN

[54] **SELENIUM-ENRICHED BIOMASS, METHOD FOR PREPARING THEREOF AND PROBIOTIC AND NUTRACEUTICAL PRODUCTS INCLUDING SAID BIOMASS**

[54] **BIOMASSE ENRICHEE EN SELENIUM, SON PROCEDE DE PREPARATION ET PRODUITS PROBIOTIQUES ET NEUTRACEUTIQUES COMPRENANT CETTE BIOMASSE**

[72] ANDREONI, VINCENZINA, IT

[72] BENEDETTI, ALBERTO, IT

[72] CANZI, ENRICA, IT

[72] CIAPPELLANO, SALVATORE, IT

[72] FUMAGALLI, MICHELA, IT

[73] BIOMAN S.R.L., IT

[85] 2006-12-01

[86] 2005-05-24 (PCT/EP2005/052361)

[87] (WO2005/118776)

[30] EP (04425408.4) 2004-06-03

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[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61K 38/16 (2006.01) A61K 39/085 (2006.01) A61P 31/04 (2006.01) C12Q 1/18 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING INHIBITORS OF IRON TRANSPORT, AND METHOD OF IDENTIFYING IRON TRANSPORT INHIBITORS, IN STAPHYLOCOCCUS AUREUS**

[54] **COMPOSITIONS PHARMACEUTIQUES RENFERMANT DES INHIBITEURS DE TRANSPORT DU FER ET METHODE D'IDENTIFICATION DES INHIBITEURS DE TRANSPORT DU FER CHEZ LE STAPHYLOCOCCUS AUREUS**

[72] DALE, SUZANNE, US

[72] HEINRICHS, DAVID E., CA

[73] THE UNIVERSITY OF WESTERN ONTARIO, CA

[85] 2007-02-07

[86] 2005-08-26 (PCT/IB2005/003576)

[87] (WO2006/021893)

[30] US (60/604,769) 2004-08-26

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[13] C

[51] **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2006.01) A61K 31/718 (2006.01) A61K 36/899 (2006.01) A61P 1/00 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **A PROCESS FOR PRODUCING A FOOD OR BEVERAGE**

[54] **PROCEDE ET MOYEN BENEFIQUES POUR L'INTESTIN**

[72] BIRD, ANTHONY RICHARD, AU

[72] MANN, GULAY SAYGAT, AU

[72] RAHMAN, SADEQR, AU

[72] REGINA, AHMED, AU

[72] LI, ZHONGYI, AU

[72] TOPPING, DAVID LLOYD, AU

[72] MORELL, MATTHEW KENNEDY, AU

[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[73] LIMAGRAIN CEREALES INGREDIENTS SA, FR

[85] 2007-06-27

[86] 2005-12-30 (PCT/AU2005/001981)

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[30] AU (2004907350) 2004-12-30

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[13] C

[51] **Int.Cl. G06Q 10/10 (2012.01)**

[25] EN

[54] **ELECTRONIC DEVICE AND METHOD OF MESSAGING MEETING INVITEES**

[54] **DISPOSITIF ELECTRONIQUE ET METHODE D'ENVOI DE COURRIELS A DES INVITES A UNE REUNION**

[72] MAY, DARRELL R., CA

[72] KHAN, ATIF, CA

[72] BOCKING, ANDREW, CA

[73] BLACKBERRY LIMITED, CA

[86] (2595386)

[87] (2595386)

[22] 2007-07-31

[30] EP (06118173.1) 2006-07-31

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[11] **2,600,384**  
[13] C

[51] **Int.Cl. A61K 36/00 (2006.01) A61K 36/537 (2006.01) A61K 36/906 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING ACNE**

[54] **COMPOSITIONS ET PROCEDE DE TRAITEMENT DE L'ACNE**

[72] WAUGH, JACOB M., US

[72] LEE, JAE HOON, US

[73] REVANCE THERAPEUTICS, INC., US

[85] 2007-09-06

[86] 2006-03-30 (PCT/US2006/012095)

[87] (WO2006/105450)

[30] US (60/666,531) 2005-03-30

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[11] **2,605,904**  
[13] C

[51] **Int.Cl. C10M 145/24 (2006.01) C10M 145/02 (2006.01) C10M 169/04 (2006.01)**

[25] EN

[54] **A LUBRICATING OIL ADDITIVE COMPOSITION AND METHOD OF MAKING THE SAME**

[54] **COMPOSE D'ADDITION D'HUILE LUBRIFIANTE ET METHODE DE FABRICATION CONNEXE**

[72] STOKES, CASEY D., US

[72] RUHE, WILLIAM R., JR., US

[73] CHEVRON ORONITE COMPANY LLC, US

[86] (2605904)

[87] (2605904)

[22] 2007-10-04

[30] US (11/553,974) 2006-10-27

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[11] **2,607,276**  
[13] C

[51] **Int.Cl. C07K 14/51 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01)**

[25] EN

[54] **SCLEROSTIN FRAGMENTS AND ANTI-SCLEROSTIN ANTIBODIES**

[54] **FRAGMENTS DE SCLEROTINE ET ANTICORPS ANTISCLEROSTINE**

[72] LU, HSIENG SEN, US

[72] PASZTY, CHRISTOPHER, US

[72] ROBINSON, MARTYN KIM, GB

[72] HENRY, ALISTAIR JAMES, GB

[72] HOFFMANN, KELLY SUE, US

[72] LATHAM, JOHN, US

[72] LAWSON, ALASTAIR, GB

[72] WINKLER, DAVID, US

[72] WINTERS, AARON GEORGE, US

[73] AMGEN INC., US

[73] UCB PHARMA S.A., BE

[85] 2007-11-02

[86] 2006-04-28 (PCT/US2006/016345)

[87] (WO2006/119062)

[30] US (60/677,583) 2005-05-03

[30] US (60/776,847) 2006-02-24

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[30] US (60/792,645) 2006-04-17

[30] US (11/410,540) 2006-04-25

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[11] **2,608,855**  
[13] C

[51] **Int.Cl. C08L 101/14 (2006.01) C08L 33/14 (2006.01) G02C 7/04 (2006.01)**

[25] EN

[54] **POLYMERIC COMPOSITIONS COMPRISING AT LEAST ONE VOLUME EXCLUDING POLYMER**

[54] **COMPOSITIONS POLYMERES COMPORTANT AU MOINS UN POLYMERE POUVANT DEPLACER UN VOLUME D'EAU DANS UN SUBSTRAT**

[72] TIGHE, BRIAN J., GB

[72] CHEEMA, BEVERLEY KAUR, GB

[72] NASSO, MURIEL, GB

[72] MOLOCK, FRANK F., JR., US

[73] JOHNSON & JOHNSON VISION CARE, INC., US

[86] (2608855)

[87] (2608855)

[22] 2007-10-30

[30] US (60/863,755) 2006-10-31

[30] US (11/925,207) 2007-10-26

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[11] **2,609,808**  
[13] C

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[25] EN  
[54] **SUPERCritical CARBON  
DIOXIDE EXTRACT  
CONTAINING THE CARDIAC  
GLYCOSIDE OLEANDRIN**  
[54] **EXTRAIT DE DIOXYDE DE  
CARBONE SUPERCRITIQUE  
CONTENANT DE L'OLEANDRINE  
(GLYCOSIDE CARDIOTONIQUE)**  
[72] ADDINGTON, CRANDELL, US  
[72] ZHANG, FENG, US  
[72] KOLENG, JOHN J., US  
[73] PHOENIX BIOTECHNOLOGY INC.,  
US  
[85] 2007-11-26  
[86] 2006-07-26 (PCT/US2006/029061)  
[87] (WO2007/016176)  
[30] US (11/191,650) 2005-07-28

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[11] **2,611,066**  
[13] C

[51] **Int.Cl. H01L 29/76 (2006.01)**  
[25] EN  
[54] **SWITCH MODE POWER  
AMPLIFIER USING FET WITH  
FIELD PLATE EXTENSION**  
[54] **AMPLIFICATEUR DE PUISSANCE  
DE MODE DE COMMUTEUR  
UTILISANT UN TRANSISTOR A  
EFFET DE CHAMP AVEC  
EXTENSION DE PLAQUE DE  
CHAMP**  
[72] SHEPPARD, SCOTT, US  
[73] CREE, INC., US  
[85] 2007-11-26  
[86] 2006-07-19 (PCT/US2006/028370)  
[87] (WO2007/014036)  
[30] US (11/187,171) 2005-07-21

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[11] **2,612,039**  
[13] C

[51] **Int.Cl. G01M 13/02 (2006.01) F03D  
17/00 (2016.01) F16H 57/02 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
ESTIMATING LIFE OF A  
GEARBOX**  
[54] **METHODE ET SYSTEME  
D'ESTIMATION DE LA DUREE DE  
VIE D'UNE BOITE DE VITESSES**  
[72] BEHERA, AJAY KUMAR, IN  
[72] DE, SOUMEN, IN  
[72] JAMMU, VINAY BHASKAR, IN  
[73] GENERAL ELECTRIC COMPANY,  
US  
[86] (2612039)  
[87] (2612039)  
[22] 2007-11-22  
[30] US (11/608,272) 2006-12-08

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[13] C

[51] **Int.Cl. G08G 1/00 (2006.01) G07C  
5/00 (2006.01) G08G 1/127 (2006.01)  
E21F 13/00 (2006.01)**  
[25] EN  
[54] **TRAFFIC MANAGEMENT  
SYSTEM FOR A PASSAGEWAY  
ENVIRONMENT**  
[54] **SYSTEME DE GESTION DE LA  
CIRCULATION DESTINE A UN  
ENVIRONNEMENT DE  
CIRCULATION**  
[72] BARFOOT, TIMOTHY D., CA  
[72] MARSHALL, JOSHUA A., CA  
[73] MACDONALD, DETTWILER AND  
ASSOCIATES INC., CA  
[85] 2007-12-20  
[86] 2006-07-26 (PCT/CA2006/001262)  
[87] (WO2007/012199)  
[30] US (60/702,285) 2005-07-26

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[13] C

[51] **Int.Cl. C07D 215/227 (2006.01) A61K  
31/47 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **QUINOLINE DERIVATIVES AS  
ANTIBACTERIAL AGENTS**  
[54] **DERIVES DE QUINOLEINE  
UTILISES COMME AGENTS  
ANTIBACTERIENS**  
[72] GUILLEMONT, JEROME EMILE  
GEORGES, FR  
[72] PASQUIER, ELISABETH THERESE  
JEANNE, FR  
[72] LANCOIS, DAVID FRANCIS ALAIN,  
FR  
[72] ANDRIES, KOENRAAD JOZEF  
LODEWIJK MARCEL, BE  
[72] KOUL, ANIL, BE  
[72] BACKX, LEO JACOBUS JOZEF, BE  
[72] MEERPOEL, LIEVEN, BE  
[73] JANSSEN PHARMACEUTICA N.V.,  
BE  
[85] 2008-01-18  
[86] 2006-07-31 (PCT/EP2006/064858)  
[87] (WO2007/014941)  
[30] EP (05107164.5) 2005-08-03

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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEMS FOR AND METHODS  
OF FINDING RELEVANT  
DOCUMENTS BY ANALYZING  
TAGS**  
[54] **SYSTEMES ET PROCEDES POUR  
TROUVER DES DOCUMENTS  
PERTINENTS EN ANALYSANT  
DES ETIQUETTES**  
[72] LU, YUNSHAN, US  
[72] TANNE, MICHAEL, US  
[73] SEARCH ENGINE TECHNOLOGIES,  
LLC, US  
[85] 2008-02-01  
[86] 2006-08-03 (PCT/US2006/030443)  
[87] (WO2007/019311)  
[30] US (60/705,704) 2005-08-03  
[30] US (11/498,448) 2006-08-02

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[13] C

[51] **Int.Cl. B05D 3/12 (2006.01) B26F 1/38 (2006.01) D06P 3/00 (2006.01)**

[25] EN

[54] **PROCESS AND APPARATUS FOR IMPREGNATING A PRODUCT OBTAINED BY CUTTING A CONTINUOUS WEB**

[54] **PROCEDE ET APPAREIL D'IMPREGNATION D'UN PRODUIT OBTENU EN COUPANT UNE BANDE CONTINUE**

[72] RUPPEL, REMY, FR

[73] GEORGIA-PACIFIC FRANCE, FR

[86] (2619538)

[87] (2619538)

[22] 2008-02-05

[30] FR (07/01035) 2007-02-13

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[11] **2,621,482**  
[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) C12N 15/12 (2006.01)**

[25] EN

[54] **LOPAP-BASED PHARMACEUTICAL COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITIONS PHARMACEUTIQUES A BASE DE LOPAP ET LEURS UTILISATIONS**

[72] CHUDZINSKI-TAVASSI, ANA MARISA, BR

[72] FALCI, MARCIO, BR

[72] MARIA, DURVANEI AUGUSTO, BR

[72] REIS, CLEYSON VALENCA, BR

[73] BIOLAB SANUS FARMACEUTICA LTDA., BR

[73] FUNDACAO DE AMPARO À PESQUISA DO ESTADO DE SAO PAULO - FAPESP, BR

[73] CHUDZINSKI-TAVASSI, ANA MARISA, BR

[85] 2008-03-06

[86] 2006-09-08 (PCT/BR2006/000180)

[87] (WO2007/028223)

[30] BR (PI0504199-6) 2005-09-08

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[11] **2,624,149**  
[13] C

[51] **Int.Cl. A23C 17/00 (2006.01) A23C 9/142 (2006.01) A23C 9/148 (2006.01) A23J 7/00 (2006.01)**

[25] EN

[54] **POUDRE BEING RICH IN MILK-ORIGIN COMPLEX LIPIDS**

[54] **POUDRE RICHE EN LIPIDES COMPLEXES PROVENANT DU LAIT**

[72] MIURA, SUSUMU, JP

[72] KOJIMA, KENJI, JP

[72] NAKANO, TAKU, JP

[72] KATO, KEN, JP

[72] TOMIZAWA, AKIRA, JP

[72] YOSHIOKA, TOSHIMITSU, JP

[73] MEGMILK SNOW BRAND CO., LTD., JP

[85] 2008-03-28

[86] 2006-09-27 (PCT/JP2006/319141)

[87] (WO2007/040113)

[30] JP (2005-286602) 2005-09-30

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[11] **2,624,806**  
[13] C

[51] **Int.Cl. H04M 9/00 (2006.01)**

[25] EN

[54] **SEALING CURRENT TERMINATOR FOR INHIBITING OXIDATION AND METHODS THEREFOR**

[54] **TERMINATEUR A COURANT ANTIOXYDANT POUR INHIBER L'OXYDATION ET PROCEDES CORRESPONDANTS**

[72] DURAN, CHRISTIAN SHANE, US

[72] BLAKE, KATHLEEN ERIN, US

[72] BENNETT, ROBERT JEFFREY, US

[73] CORNING CABLE SYSTEMS LLC, US

[85] 2008-04-03

[86] 2006-10-10 (PCT/US2006/039446)

[87] (WO2007/047219)

[30] US (11/247,924) 2005-10-11

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[11] **2,626,008**  
[13] C

[51] **Int.Cl. A01N 45/02 (2006.01) A01N 65/12 (2009.01) A01N 37/00 (2006.01) A01N 43/16 (2006.01) A01N 43/90 (2006.01) A01N 63/02 (2006.01) A01N 65/00 (2009.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **WIDE SPECTRUM INSECTICIDE AND MITICIDE COMPOSITION**

[54] **COMPOSITION INSECTICIDE ET ACARICIDE A LARGE SPECTRE D'APPLICATION**

[72] PARKER, DIANA L., CA

[72] WILSON, CAMERON D., CA

[72] PURITCH, GEORGE S., CA

[72] ALMOND, DAVID S., CA

[73] W. NEUDORFF GMBH KG, DE

[85] 2008-03-07

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[11] **2,626,623**  
[13] C

[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/497 (2006.01) A61K 31/5355 (2006.01) A61P 35/00 (2006.01)**

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[54] **METHOD OF INHIBITING FLT3 KINASE**

[54] **METHODE D'INHIBITION DE LA KINASE FLT3**

[72] BALLENTINE, SHELLY K., US

[72] BAUMANN, CHRISTIAN ANDREW, US

[72] CHEN, JINGSHENG, US

[72] ILLIG, CARL R., US

[72] MEEGALLA, SANETH, US

[72] RUDOLPH, M. JONATHAN, US

[72] TUMAN, ROBERT W., US

[72] WALL, MARK J., US

[72] WILSON, KENNETH, US

[72] JOHNSON, DANA L., US

[73] JANSSEN PHARMACEUTICA N.V., BE

[85] 2008-04-18

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[54] **A NETWORK IMPLEMENTED  
CONTENT PROCESSING SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DE  
CONTENU IMPLEMENTE AU  
SEIN D'UN RESEAU**  
[72] MOSS, NICHOLAS IAN, GB  
[73] DETICA LIMITED, GB  
[85] 2008-05-08  
[86] 2006-11-07 (PCT/GB2006/004152)  
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[51] **Int.Cl. A61K 38/21 (2006.01)**  
[25] EN  
[54] **STABLE FORMULATIONS  
CONTAINING ENHANCING  
PROPORTIONS OF GAMMA- AND  
ALPHA-INTERFERONS**  
[54] **FORMULATIONS STABILISEES  
CONTENANT LES INTERFERONS  
GAMMA ET ALPHA DANS DES  
PROPORTIONS  
POTENTIALISATRICES**  
[72] BELLO RIVERO, IRALDO, CU  
[72] LOPEZ SAURA, PEDRO, CU  
[72] GARCIA VEGA, YANELDA, CU  
[72] SANTANA MILIAN, HECTOR, CU  
[72] AGUILERA BARRETO, ANA, CU  
[72] PAEZ MEIRELES, ROLANDO, CU  
[72] ANASAGASTI ANGULO, LORENZO,  
CU  
[73] CENTRO DE INGENIERIA  
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[25] EN  
[54] **NASAL CONTINUOUS POSITIVE  
AIRWAY PRESSURE DEVICE  
AND SYSTEM**  
[54] **DISPOSITIF ET SYSTEME  
D'APPORT DE PRESSION  
POSITIVE CONTINUE AUX VOIES  
NASALES**  
[72] PIERRO, BRIAN, US  
[72] HARRINGTON, STEVEN M., US  
[72] BRIDGES, BRUCE K., US  
[72] GAYLORD, DOUGLAS, US  
[73] CAREFUSION 2200, INC., US  
[85] 2008-06-02  
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[25] EN  
[54] **FLEXIBLE DISPLAY  
TRANSLATION**  
[54] **TRANSLATION D'ECRAN  
FLEXIBLE**  
[72] KOHLMEIER, BERNHARD, US  
[72] ELGAZZAR, MOHAMED, US  
[72] ISSA, REFAAT, US  
[72] WEBBER, MARK, US  
[72] CRINKLAW, MATTHEW, US  
[72] RICHARDSON, KATHRYN, US  
[72] LIGER, FRANCOIS, US  
[72] ABBAR, MAJD, US  
[73] MICROSOFT TECHNOLOGY  
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[85] 2008-06-05  
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[30] US (11/294,231) 2005-12-05

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[25] EN  
[54] **TARGETING GLI PROTEINS IN  
HUMAN CANCER BY SMALL  
MOLECULES**  
[54] **CIBLAGE DE PROTEINES GLI  
DANS UN CANCER HUMAIN PAR  
DE PETITES MOLECULES**  
[72] HE, BIAO, US  
[72] FUJII, NAOAKI, US  
[72] YOU, LIANG, US  
[72] XU, ZHIDONG, US  
[72] JABLONS, DAVID M., US  
[73] THE REGENTS OF THE  
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[30] US (60/748,968) 2005-12-09  
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[30] US (11/608,197) 2006-12-07

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[54] **RULES DRIVEN PAN ID  
METADATA ROUTING SYSTEM  
AND NETWORK**  
[54] **SYSTEME ET RESEAU DE  
ROUTAGE DE META-DONNEES  
D'ID PANORAMIQUE  
COMMANDE PAR DES REGLES**  
[72] RHOADS, GEOFFREY B., US  
[72] RODRIGUEZ, TONY F., US  
[72] LEVY, KENNETH L., US  
[73] DIGIMARC CORPORATION, US  
[85] 2008-06-19  
[86] 2006-12-21 (PCT/US2006/062523)  
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[25] EN  
[54] **COMPOSITIONS COMPRISING ORIENTED, IMMOBILIZED MACROMOLECULES AND METHODS FOR THEIR PREPARATION**  
[54] **COMPOSITIONS COMPRENANT DES MACROMOLECULES IMMOBILISEES ET ORIENTEES ET LEURS PROCEDES DE PREPARATION**  
[72] FERREE, SEAN M., US  
[72] DUNAWAY, DWAYNE L., US  
[73] NANOSTRING TECHNOLOGIES, INC., US  
[85] 2008-06-25  
[86] 2006-12-22 (PCT/US2006/049279)  
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[25] EN  
[54] **MUTILIN DERIVATIVES AND THEIR USE AS PHARMACEUTICAL**  
[54] **DERIVES DE MUTILINE ET LEUR EMPLOI EN TANT QUE SUBSTANCES PHARMACEUTIQUES**  
[72] THIRRING, KLAUS, AT  
[72] ASCHER, GERD, AT  
[72] PAUKNER, SUSANNE, AT  
[72] HEILMAYER, WERNER, AT  
[72] NOVAK, RODGER, DE  
[73] NABRIVA THERAPEUTICS AG, AT  
[85] 2008-07-02  
[86] 2007-01-11 (PCT/AT2007/000009)  
[87] (WO2007/079515)  
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[25] EN  
[54] **PROCESSED CHEESE WITHOUT EMULSIFYING SALTS**  
[54] **FROMAGE FONDU SANS SELS DE FONTE**  
[72] SMITH, GARY FRANCIS, US  
[72] RIVERA, EDWIN GERARDO, US  
[73] KRAFT FOODS GROUP BRANDS LLC, US  
[86] (2636226)  
[87] (2636226)  
[22] 2008-06-26  
[30] US (11/771,225) 2007-06-29  
[30] US (61/007,506) 2007-06-29  
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[25] EN  
[54] **MODIFIED COAGULATION FACTOR VIIA WITH EXTENDED HALF-LIFE**  
[54] **FACTEUR DE COAGULATION VIIA MODIFIE A DEMI-VIE PROLONGEE**  
[72] WEIMER, THOMAS, DE  
[72] SCHULTE, STEFAN, DE  
[72] KRONTHALER, ULRICH, DE  
[72] LANG, WIEGAND, DE  
[72] LIEBING, UWE, DE  
[72] WORMSBACHER, WILFRIED, DE  
[73] CSL BEHRING GMBH, DE  
[85] 2008-07-09  
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[87] (WO2007/090584)  
[30] EP (06002359.5) 2006-02-06

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[13] C

[51] **Int.Cl. A61F 13/531 (2006.01) A61F 13/476 (2006.01)**  
[25] EN  
[54] **SANITARY NAPKIN INCLUDING BODY-FACING PROTRUSIONS AND ARCUATELY ARRANGED EMBOSSED CHANNELS**  
[54] **SERVIETTE HYGIENIQUE COMPRENANT DES PROTUBERANCES ET DES MOTIFS GAUFRES ARQUES SUR LA FACE INTERNE**  
[72] FRANCOEUR, JULIE, CA  
[72] HERNANDEZ, FRANCISCO JAVIER VALDIVIA, BR  
[72] ZHANG, YI, CN  
[73] EDGEWELL PERSONAL CARE CANADA, ULC, CA  
[86] (2636673)  
[87] (2636673)  
[22] 2008-07-02  
[30] US (11/772,926) 2007-07-03

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[13] C

[51] **Int.Cl. A01N 65/44 (2009.01) A01N 31/06 (2006.01) A01N 35/04 (2006.01) A01P 17/00 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/97 (2006.01) A61P 17/02 (2006.01)**  
[25] EN  
[54] **INSECT REPELLENT COMPOSITION**  
[54] **COMPOSITION DE REPULSIF POUR INSECTES**  
[72] DARLING, SAMUEL T., CA  
[73] DARLING, SAMUEL T., CA  
[85] 2008-07-15  
[86] 2007-01-16 (PCT/US2007/060577)  
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[30] US (60/766,388) 2006-01-16

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[25] EN

[54] **CONTAINER FLOORING MATERIAL AND METHOD OF MANUFACTURE**

[54] **MATERIAU COUVRE-SOL DE CONTENEUR ET PROCEDE DE FABRICATION**

[72] ZHANG, QISHENG, CA  
[72] WELLWOOD, ROBERT, CA  
[72] XU, BIN, CA  
[72] CHEN, LIHENG, CA  
[73] ALBERTA INNOVATES - TECHNOLOGY FUTURES, CA  
[86] (2638079)  
[87] (2638079)  
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[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01) H04B 5/00 (2006.01) H04L 9/28 (2006.01)**

[25] FR

[54] **PROCESS FOR SECURE PERSONALIZATION OF AN NFC CHIPSET**

[54] **PROCEDE DE PERSONNALISATION SECURISE D'UN CHIPSET NFC**

[72] BENTEO, BRUNO, FR  
[72] NEROT, SEBASTIEN, FR  
[72] FEIX, BENOIT, FR  
[73] INSIDE SECURE, FR  
[86] (2641984)  
[87] (2641984)  
[22] 2008-10-21  
[30] FR (07 07408) 2007-10-23

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[13] C

[51] **Int.Cl. B21D 1/05 (2006.01) B21D 1/06 (2006.01) B65H 20/02 (2006.01) B65H 23/18 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO DRIVE MATERIAL CONDITIONING MACHINES**

[54] **METHODES ET APPAREILLAGE D'ENTRAINEMENT DE MACHINES DE CONDITIONNEMENT DE MATERIEL**

[72] COX, CLARENCE B., III, US  
[73] THE BRADBURY COMPANY, INC., US  
[86] (2643296)  
[87] (2643296)  
[22] 2008-11-07  
[30] US (60/986,187) 2007-11-07

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[11] **2,644,431**  
[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/08 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION CONTAINING GHRP-6 CAPABLE OF PREVENTING AND ELIMINATING FIBROSIS AND OTHER FORMS OF PATHOLOGICAL DEPOSIT IN TISSUE**

[54] **COMPOSTION PHARMACEUTIQUE A BASE DE GHRP-6 POUR LE TRAITEMENT DES FIBROSES ET D'AUTRES DEPOTS PATHOLOGIQUES**

[72] BERLANGA ACOSTA, JORGE, CU  
[72] CIBRIAN VERA, DANAY, CU  
[72] GARCIA DEL BARCO HERRERA, DIANA, CU  
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU  
[72] SUAREZ ALBA, JOSE, CU  
[72] LOPEZ MOLA, ERNESTO, CU  
[72] SELMAN-HOUSEIN SOSA, MANUEL, CU  
[72] VAZQUEZ CASTILLO, MARIELA, CU  
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU  
[85] 2008-08-28  
[86] 2007-02-23 (PCT/CU2007/000005)  
[87] (WO2007/098715)  
[30] CU (2006-048) 2006-02-28

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[25] EN

[54] **HORMONE REPLACEMENT FORMULATION**

[54] **FORMULATION DE SUBSTITUT HORMONAL**

[72] WRIGHT, JONATHAN V., US  
[73] WRIGHT, JONATHAN V., US  
[85] 2008-09-09  
[86] 2007-02-22 (PCT/US2007/062556)  
[87] (WO2007/103638)  
[30] US (11/371,580) 2006-03-09

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[13] C

[51] **Int.Cl. G01N 27/72 (2006.01) G01R 33/12 (2006.01) G01R 33/341 (2006.01) G01R 33/00 (2006.01)**

[25] EN

[54] **DEVICE FOR MEASURING MAGNETIC PARTICLES AND CORRESPONDING METHOD**

[54] **DISPOSITIF DE MESURE DE PARTICULES MAGNETIQUES ET PROCEDE CORRESPONDANT**

[72] MAKIRANTA, JARKKO, FI  
[72] LEKKALA, JUKKA, FI  
[73] MAGNASENSE TECHNOLOGIES OY, FI  
[85] 2008-09-18  
[86] 2007-04-20 (PCT/FI2007/050211)  
[87] (WO2007/122293)  
[30] FI (20065257) 2006-04-21  
[30] FI (20065502) 2006-07-27

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[13] C

[51] **Int.Cl. G01N 21/88 (2006.01) G01N 21/89 (2006.01)**

[25] EN

[54] **VISION INSPECTION SYSTEM DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE POUR SYSTEME D'INSPECTION VISUELLE**

[72] ENGELBART, ROGER W., US  
[72] HANNEBAUM, REED, US  
[72] ORR, SAM, US  
[72] POLLOCK, TIM, US  
[73] THE BOEING COMPANY, US  
[85] 2008-09-23  
[86] 2007-03-26 (PCT/US2007/007685)  
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[30] US (11/390,244) 2006-03-28

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[13] C

[51] **Int.Cl. A61B 5/05 (2006.01)**  
[25] EN  
[54] **SYSTEM, METHODS, AND INSTRUMENTATION FOR IMAGE GUIDED PROSTATE TREATMENT**

[54] **SYSTEME, PROCEDES, ET INSTRUMENTATION POUR LE TRAITEMENT DE LA PROSTATE GUIDE PAR L'IMAGE**

[72] WOOD, BRADFORD JOHNS, US  
[72] GLOSSOP, NEIL DAVID, CA  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[73] PHILIPS ELECTRONICS LTD  
PHILIPS ELECTRONIQUE LTEE, CA

[85] 2008-09-24  
[86] 2007-03-30 (PCT/US2007/065644)  
[87] (WO2007/115174)  
[30] US (60/787,515) 2006-03-31

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[13] C

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[25] EN  
[54] **THERMAL EXTRACTION METHOD AND PRODUCT**

[54] **PROCEDE ET PRODUIT D'EXTRACTION THERMIQUE**

[72] BOULARD, DAVID, CA  
[72] GRAHAM, ROBERT G, CA  
[72] FREEL, BARRY, CA  
[73] PHARMATHERM CHEMICALS INC., CA

[85] 2008-09-26  
[86] 2007-04-02 (PCT/CA2007/000535)  
[87] (WO2007/112570)  
[30] US (60/788,045) 2006-04-03

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[13] C

[51] **Int.Cl. F21V 3/04 (2006.01) F21L 4/00 (2006.01) F21V 17/06 (2006.01)**

[25] EN  
[54] **FLEXIBLE LIGHT SHIELD AND DIFFUSER**

[54] **ECRAN DIFFUSEUR SOUPLE POUR LUMINAIRE**

[72] FORD, TIMOTHY D.F., CA  
[73] THE FLEWELLING FORD FAMILY TRUST, CA

[86] (2647668)  
[87] (2647668)  
[22] 2008-12-22  
[30] US (61/015,758) 2007-12-21

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[11] **2,648,625**  
[13] C

[51] **Int.Cl. G01N 27/403 (2006.01) G01N 27/416 (2006.01) G01N 33/483 (2006.01) G01N 33/49 (2006.01) G01N 33/66 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD FOR MEASURING AN ANALYTE IN A SAMPLE**

[54] **SYSTEME ET METHODE DE MESURE DE SUBSTANCE A ANALYSER DANS UN ECHANTILLON**

[72] CHATELIER, RONALD, AU  
[72] HODGES, ALASTAIR MCINDOE, AU  
[72] NANDAGOPALAN, SANTHANAGOPALAN, US

[73] LIFESCAN, INC., US

[86] (2648625)  
[87] (2648625)  
[22] 2009-01-09  
[30] US (61/021,713) 2008-01-17  
[30] US (12/349,017) 2009-01-06

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[11] **2,649,545**  
[13] C

[51] **Int.Cl. H05B 33/08 (2006.01)**

[25] EN  
[54] **UNI-DIRECTIONAL LIGHT EMITTING DIODE DRIVE CIRCUIT IN BI-DIRECTIONAL DIVIDED POWER IMPEDANCE**

[54] **CIRCUIT D'EXCITATION DE DIODE ELECTROLUMINESCENTE UNIDIRECTIONNELLE DANS DIVISEUR D'IMPEDANCE BIDIRECTIONNEL D'ALIMENTATION**

[72] YANG, TAI-HER, TW  
[73] YANG, TAI-HER, TW

[86] (2649545)  
[87] (2649545)  
[22] 2009-01-13  
[30] US (61/020,830) 2008-01-14

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[11] **2,650,634**  
[13] C

[51] **Int.Cl. B01J 27/22 (2006.01) B01J 23/883 (2006.01) B01J 37/16 (2006.01) C01B 31/34 (2006.01) C07C 29/156 (2006.01)**

[25] EN  
[54] **PROCESS AND CATALYST FOR PRODUCTION OF MIXED ALCOHOLS FROM SYNTHESIS GAS**

[54] **PROCEDE ET CATALYSEUR POUR LA FABRICATION D'ALCOOLS MIXTES A PARTIR D'UN GAZ DE SYNTHESE**

[72] LUCERO, ANDREW J., US  
[72] SETHI, VIJAY K., US  
[72] TUMINELLO, WILLIAM H., US  
[73] UNIVERSITY OF WYOMING RESEARCH CORPORATION, US

[85] 2008-11-05  
[86] 2007-04-27 (PCT/US2007/010342)  
[87] (WO2007/127429)  
[30] US (60/796,068) 2006-04-27

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[11] **2,652,756**  
[13] C

[51] **Int.Cl. B64D 11/06 (2006.01)**

[25] EN  
[54] **AIRCRAFT PASSENGER SEAT**

[54] **SIEGE PASSAGER D'AVION**

[72] DARBYSHIRE, MARTIN, GB  
[73] BRITISH AIRWAYS PLC, GB

[85] 2008-11-19  
[86] 2007-05-16 (PCT/GB2007/001796)  
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[30] GB (0610071.3) 2006-05-19



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[13] C

[51] **Int.Cl. A61B 10/00 (2006.01) A61M 1/00 (2006.01) B01L 3/00 (2006.01) A61B 1/012 (2006.01) A61B 10/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TISSUE SPECIMEN COLLECTION**

[54] **SYSTEME ET PROCEDE DE RECUEIL D'ECHANTILLONS DE TISSUS**

[72] CUSHNER, JEFFREY B., US

[72] KURZYNA, PETER M., US

[72] WOLCOTT, KENNETH E., US

[73] BRACCO DIAGNOSTICS INC., US

[85] 2008-11-17

[86] 2007-05-21 (PCT/US2007/069358)

[87] (WO2007/137219)

[30] US (11/438,092) 2006-05-19

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[11] **2,653,240**  
[13] C

[51] **Int.Cl. A61B 10/00 (2006.01)**

[25] EN

[54] **FLUID SAMPLE COLLECTION SYSTEM**

[54] **SYSTEME DE COLLECTE D'ECHANTILLONNAGE DE FLUIDE**

[72] GALLAGHER, TIMOTHY JOSEPH, US

[72] STEIGER, JEFFREY H., US

[72] HANNE, ROBERT, US

[73] CAPITOL VIAL INC., US

[86] (2653240)

[87] (2653240)

[22] 2009-02-06

[30] US (12/030,600) 2008-02-13

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[11] **2,653,617**  
[13] C

[51] **Int.Cl. A61N 5/10 (2006.01)**

[25] EN

[54] **EXPANDABLE BRACHYTHERAPY APPARATUS**

[54] **APPAREIL DE BRACHYTHERAPIE DEPLOYABLE**

[72] CHI SING, EDUARDO, US

[72] GEX, STEVEN L., US

[72] NGUYEN, TOMMY G., US

[72] SUTTON, DOUG S., US

[72] RITCHART, MARK A., US

[72] HERMANN, GEORGE D., US

[73] CIANNA MEDICAL, INC., US

[85] 2008-11-26

[86] 2007-06-01 (PCT/US2007/070236)

[87] (WO2007/143560)

[30] US (60/803,828) 2006-06-02

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[11] **2,654,796**  
[13] C

[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/00 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IDENTIFYING POTENTIALLY MALICIOUS MESSAGES**

[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER DES MESSAGES POTENTIELLEMENT MALVEILLANTS**

[72] JUDGE, PAUL, US

[72] ALPEROVITCH, DMITRI, US

[72] KRASSER, SVEN, US

[72] SCHNECK, PHYLLIS A., US

[72] ZDZIARSKI, JONATHAN A., US

[73] MCAFEE, INC., US

[85] 2008-12-09

[86] 2007-06-06 (PCT/US2007/070483)

[87] (WO2007/146696)

[30] US (11/423,313) 2006-06-09

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[11] **2,654,869**  
[13] C

[51] **Int.Cl. H04H 60/65 (2009.01) H04H 20/10 (2009.01) H04N 7/025 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR INSERTING MEDIA BASED ON KEYWORD SEARCH**

[54] **SYSTEME ET PROCEDE POUR INSERER DES CONTENUS MULTIMEDIAS D'APRES UNE RECHERCHE PAR MOT-CLE**

[72] DOWNEY, DAVID, US

[72] ANDERSON, BRUCE J., US

[72] BOULET, DANIEL A., CA

[72] WILSON, DANIEL C., CA

[73] INVIDI TECHNOLOGIES CORPORATION, US

[85] 2008-12-09

[86] 2007-06-12 (PCT/US2007/071044)

[87] (WO2007/146961)

[30] US (60/804,460) 2006-06-12

[30] US (11/761,976) 2007-06-12

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[11] **2,655,115**  
[13] C

[51] **Int.Cl. G01N 23/06 (2006.01) G01F 23/28 (2006.01) G01F 23/288 (2006.01) G01N 9/24 (2006.01) G01N 23/10 (2006.01)**

[25] EN

[54] **SINGLE WELL NUCLEAR DENSITY GAUGE**

[54] **JAUGE DE DENSITE NUCLAIRE POUR PUITTS SIMPLE**

[72] CAHILL, BONAVENTURE, US

[73] OHMART/VEGA CORPORATION, US

[86] (2655115)

[87] (2655115)

[22] 2009-02-23

[30] US (12/242,177) 2008-09-30

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August 30, 2016**

[11] **2,656,524**  
[13] C

[51] **Int.Cl. H02J 3/14 (2006.01) H02J 13/00 (2006.01)**  
[25] FR  
[54] **METHOD AND SYSTEM OF REAL TIME MANAGEMENT AND MODULATION OF ELECTRICITY CONSUMPTION**  
[54] **PROCEDE ET SYSTEME DE GESTION ET DE MODULATION EN TEMPS REEL DE CONSOMMATION ELECTRIQUE**  
[72] OURY, JEAN-MARC, FR  
[72] HEINTZ, BRUNO, FR  
[73] VOLTALIS SA, FR  
[85] 2008-12-30  
[86] 2007-07-30 (PCT/FR2007/001317)  
[87] (WO2008/017754)  
[30] FR (0606994) 2006-07-31

[11] **2,658,899**  
[13] C

[51] **Int.Cl. F41H 7/02 (2006.01) F41H 11/24 (2011.01) F41H 7/04 (2006.01)**  
[25] EN  
[54] **ARMOURED SUPPORT VEHICLE**  
[54] **VEHICULE D'APPUI BLINDE**  
[72] BRUHN, RALF, DE  
[72] KRUEZFELDT, MANFRED, DE  
[72] LUEERS, BRODER, DE  
[72] ZEECK, WOLFGANG, DE  
[72] HAAS, FRANK, DE  
[72] RUNOW, EITEL, DE  
[73] RHEINMETALL LANDSYSTEME GMBH, DE  
[85] 2009-01-23  
[86] 2007-07-07 (PCT/EP2007/006035)  
[87] (WO2008/011976)  
[30] DE (10 2006 034 688.2) 2006-07-24

[11] **2,659,332**  
[13] C

[51] **Int.Cl. G05B 19/19 (2006.01) B25J 9/16 (2006.01)**  
[25] EN  
[54] **MACHINE TOOL SYSTEM CONTROL**  
[54] **COMMANDE DE SYSTEME DE MACHINE-OUTIL**  
[72] GRAY, PAUL J., US  
[73] HURCO COMPANIES, INC., US  
[85] 2009-01-28  
[86] 2007-08-06 (PCT/US2007/075270)  
[87] (WO2008/019335)  
[30] US (60/821,503) 2006-08-04  
[30] US (60/821,523) 2006-08-04  
[30] US (11/833,958) 2007-08-03

[11] **2,662,443**  
[13] C

[51] **Int.Cl. H04B 7/06 (2006.01) H04B 7/08 (2006.01) H04L 1/06 (2006.01)**  
[25] EN  
[54] **A MULTIPLE ANTENNA MODE CONTROL METHOD BASED ON ACCESS POINT**  
[54] **UNE METHODE DE COMMANDE DE MODE D'ANTENNE MULTIPLE FONDEE SUR UN POINT D'ACCES**  
[72] LI, FENG, CN  
[72] ZHANG, LI, CN  
[72] WANG, BIN, CN  
[73] ZTE CORPORATION, CN  
[85] 2009-03-04  
[86] 2007-09-18 (PCT/CN2007/002756)  
[87] (WO2008/037179)  
[30] CN (200610113453.0) 2006-09-28

[11] **2,663,307**  
[13] C

[51] **Int.Cl. B62D 65/02 (2006.01) B23K 31/02 (2006.01) B23K 37/047 (2006.01)**  
[25] EN  
[54] **HIGH DENSITY WELDING SUBASSEMBLY MACHINE**  
[54] **MACHINE A SOUS-ENSEMBLE A SOUDER A UN RYTHME SOUTENU**  
[72] KILIBARDA, VELIBOR, US  
[73] COMAU LLC, US  
[86] (2663307)  
[87] (2663307)  
[22] 2009-04-20  
[30] US (61/052,764) 2008-05-13  
[30] US (12/269,955) 2008-11-13

[11] **2,664,510**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01) G06F 21/31 (2013.01) G06Q 30/00 (2012.01)**  
[25] EN  
[54] **VERIFICATION AND AUTHENTICATION SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE VERIFICATION ET D'AUTHENTIFICATION**  
[72] COLSON, CHRISTEN J., US  
[73] EQUIFAX, INC., US  
[85] 2009-03-25  
[86] 2007-09-21 (PCT/US2007/079105)  
[87] (WO2008/045667)  
[30] US (11/545,247) 2006-10-10

[11] **2,666,770**  
[13] C

[51] **Int.Cl. G01N 25/56 (2006.01) G01M 3/00 (2006.01) G01N 17/00 (2006.01) G01N 25/18 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTING MOISTURE**  
[54] **SYSTEME ET PROCEDE POUR DETECTER L'HUMIDITE**  
[72] STRONG, ANDREW P., GB  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2009-04-17  
[86] 2007-03-15 (PCT/GB2007/000916)  
[87] (WO2008/047068)  
[30] GB (0620752.6) 2006-10-19

[11] **2,666,864**  
[13] C

[51] **Int.Cl. B05D 3/00 (2006.01) B05B 17/00 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MAKING COATINGS USING ULTRASONIC SPRAY DEPOSITION**  
[54] **PROCEDES ET APPAREILS POUR PRODUIRE DES REVETEMENTS A L'AIDE D'UN DEPOT PAR PULVERISATION ULTRASONORE**  
[72] JIANG, WENPING, US  
[72] LOWREY, JUSTIN B., US  
[72] FINK, ROBERT T., US  
[73] NANOMECH, INC., US  
[85] 2009-04-17  
[86] 2007-10-18 (PCT/US2007/022221)  
[87] (WO2008/051434)  
[30] US (60/852,863) 2006-10-19

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[13] C

[51] **Int.Cl. H02B 15/00 (2006.01) G01R 31/02 (2006.01) H02J 13/00 (2006.01) G01R 21/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MAPPING A WIRED NETWORK**

[54] **APPAREIL ET PROCÉDE POUR CARTOGRAPHIER UN RESEAU CABLE**

[72] HILTON, PAUL C. M., US

[72] MEHLMAN, JEFFREY A., US

[72] JOHNSON, KEVIN M., US

[73] OUTSMART POWER SYSTEMS, LLC, US

[85] 2009-04-27

[86] 2007-10-29 (PCT/US2007/082909)

[87] (WO2008/052223)

[30] US (60/863,328) 2006-10-27

[30] US (60/944,645) 2007-06-18

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[13] C

[51] **Int.Cl. G03B 13/00 (2006.01)**

[25] EN

[54] **FOCUS ASSIST SYSTEM AND METHOD**

[54] **SYSTEME ET PROCÉDE D'AIDE A LA MISE AU POINT**

[72] NATTRESS, THOMAS GRAEME, CA

[73] RED.COM, INC., US

[85] 2009-05-14

[86] 2007-10-24 (PCT/US2007/082434)

[87] (WO2008/063811)

[30] US (11/561,785) 2006-11-20

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[11] **2,669,819**  
[13] C

[51] **Int.Cl. C07D 215/14 (2006.01) A61K 31/496 (2006.01) A61P 31/04 (2006.01) C07D 401/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01)**

[25] EN

[54] **ANTIBACTERIAL QUINOLINE DERIVATIVES**

[54] **DERIVES DE QUINOLINE ANTIBACTERIENS**

[72] GUILLEMONT, JEROME EMILE GEORGES, FR

[72] LANCOIS, DAVID FRANCIS ALAIN, FR

[72] DORANGE, ISMET, SE

[72] ANDRIES, KOENRAAD JOZEF LODEWIJK MARCEL, BE

[72] KOUL, ANIL, BE

[73] JANSSEN PHARMACEUTICA N.V., BE

[85] 2009-05-15

[86] 2007-12-04 (PCT/EP2007/063313)

[87] (WO2008/068267)

[30] EP (06125499.1) 2006-12-06

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[11] **2,669,829**  
[13] C

[51] **Int.Cl. C07D 215/14 (2006.01) A61K 31/496 (2006.01) A61P 31/04 (2006.01) C07D 401/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01)**

[25] EN

[54] **ANTIBACTERIAL QUINOLINE DERIVATIVES**

[54] **DERIVES DE QUINOLINE ANTIBACTERIENS**

[72] GUILLEMONT, JEROME EMILE GEORGES, FR

[72] ANDRIES, KOENRAAD JOZEF LODEWIJK MARCEL, BE

[72] KOUL, ANIL, BE

[73] JANSSEN PHARMACEUTICA N.V., BE

[85] 2009-05-15

[86] 2007-12-04 (PCT/EP2007/063316)

[87] (WO2008/068270)

[30] EP (06125529.5) 2006-12-06

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[11] **2,671,070**  
[13] C

[51] **Int.Cl. A61B 17/11 (2006.01)**

[25] EN

[54] **MAGNETIC COMPRESSION ANASTOMOSIS DEVICE**

[54] **DISPOSITIF D'ANASTOMOSE A COMPRESSION MAGNETIQUE**

[72] VIOLA, FRANK J., US

[73] TYCO HEALTHCARE GROUP LP, US

[86] (2671070)

[87] (2671070)

[22] 2009-07-02

[30] US (61/086,340) 2008-08-05

[30] US (12/486,846) 2009-06-18

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[11] **2,671,191**  
[13] C

[51] **Int.Cl. F04C 29/00 (2006.01) F04C 18/14 (2006.01)**

[25] EN

[54] **ROOTS-TYPE BLOWER ROTOR ALIGNMENT METHOD AND APPARATUS**

[54] **PROCÉDE ET APPAREIL D'ALIGNEMENT DE ROTORS DE COMPRESSEUR VOLUMETRIQUE DE TYPE ROOTS**

[72] ALLUM, TODD W., US

[72] MARCELO, EDGARDO F., US

[72] HANSON, STEPHEN C., US

[73] CAREFUSION 203, INC., US

[86] (2671191)

[87] (2671191)

[22] 2009-07-06

[30] US (12/263,769) 2008-11-03

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[11] **2,672,788**  
[13] C

[51] **Int.Cl. H05B 6/12 (2006.01)**

[25] EN

[54] **INDUCTION HEATING APPLIANCE FOR COOKING**

[54] **DISPOSITIF DE CUISSON A CHAUFFAGE PAR INDUCTION**

[72] OKADA, KAZUICHI, JP

[72] YOKONO, MASAHIRO, JP

[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP

[85] 2009-06-15

[86] 2007-12-18 (PCT/JP2007/074297)

[87] (WO2008/075673)

[30] JP (2006-339593) 2006-12-18

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[11] **2,672,970**  
[13] C

[51] **Int.Cl. C11C 3/12 (2006.01) C07B 35/02 (2006.01) C07D 311/94 (2006.01) C11B 9/02 (2006.01) A01N 65/22 (2009.01) A01P 17/00 (2006.01) A61K 8/97 (2006.01) A61Q 17/02 (2006.01)**

[25] EN

[54] **SOLVENT ADDITION AND REMOVAL IN THE HYDROGENATION OF CATMINT OIL**

[54] **ADDITION ET EXTRACTION DE SOLVANTS DANS L'HYDROGENATION D'HUILE DE CATAIRE**

[72] FISHER, JOHN CHARLES, CA  
[72] HUTCHENSON, KEITH W., US  
[72] JACKSON, SCOTT CHRISTOPHER, US

[72] MANZER, LEO ERNEST, US  
[72] SCIALDONE, MARK A., US  
[72] SEAPAN, MAYIS, US  
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2009-06-17  
[86] 2007-12-20 (PCT/US2007/025984)  
[87] (WO2008/079251)  
[30] US (60/876,563) 2006-12-21  
[30] US (60/876,565) 2006-12-21

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[11] **2,673,133**  
[13] C

[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/51 (2006.01) A61P 35/00 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **NANOPARTICLE AND POLYMER FORMULATIONS FOR THYROID HORMONE ANALOGS, ANTAGONISTS, AND FORMULATIONS AND USES THEREOF**

[54] **FORMULATIONS DE NANOPARTICULES ET DE POLYMERES POUR LES ANALOGUES, LES ANTAGONISTES ET LES FORMULATIONS DE L'HORMONE THYROIDE ET LEURS UTILISATIONS**

[72] DAVIS, PAUL J., US  
[72] MOUSA, SHAKER A., US  
[73] NANOPHARMACEUTICALS LLC, US

[85] 2009-06-17  
[86] 2007-12-21 (PCT/US2007/026167)  
[87] (WO2008/140507)  
[30] US (60/876,770) 2006-12-22  
[30] US (60/922,113) 2007-04-05  
[30] US (60/936,223) 2007-06-18  
[30] US (60/959,006) 2007-07-09  
[30] US (60/967,016) 2007-08-30  
[30] US (60/994,895) 2007-09-21  
[30] US (61/000,262) 2007-10-23  
[30] US (61/003,935) 2007-11-20

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[11] **2,673,738**  
[13] C

[51] **Int.Cl. H04M 1/247 (2006.01) G06F 3/01 (2006.01) H04M 1/725 (2006.01)**

[25] EN

[54] **MOBILE COMMUNICATION TERMINAL COMPRISING A MOTION SENSOR FOR LOCKING AND UNLOCKING THE USER INTERFACE**

[54] **TERMINAL DE COMMUNICATION MOBILE COMPORTANT UN DETECTEUR DE MOUVEMENT SERVANT A VERROUILLER OU DEVERROUILLER L'INTERFACE UTILISATEUR**

[72] AHONEN, PETRI A., FI  
[72] KURKINEN, ERKKI, FI  
[72] KAIPAINEN, PASI A., FI  
[73] NOKIA TECHNOLOGIES OY, FI

[85] 2009-06-25  
[86] 2008-01-11 (PCT/EP2008/050279)  
[87] (WO2008/084091)  
[30] US (11/622,604) 2007-01-12

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[11] **2,674,228**  
[13] C

[51] **Int.Cl. C08B 37/00 (2006.01) A61K 39/02 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **MODIFIED SACCHARIDES**

[54] **SACCHARIDES MODIFIES**

[72] BARDOTTI, ANGELA, IT  
[72] BERTI, FRANCESCO, IT  
[72] COSTANTINO, PAOLO, IT  
[73] NOVARTIS AG, CH

[85] 2009-06-30  
[86] 2008-01-11 (PCT/IB2008/001116)  
[87] (WO2008/084411)  
[30] GB (0700562.2) 2007-01-11

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[11] **2,674,517**  
[13] C

[51] **Int.Cl. B64D 17/38 (2006.01)**

[25] EN

[54] **LOAD DISCONNECTION LOCK**

[54] **DISPOSITIF DE VERROUILLAGE FONCTIONNANT A L'AIDE D'UNE CHARGE**

[72] OBKIRCHER, BERNT, DE  
[72] WEIMER, PETER, DE  
[73] AIRBUS DEFENCE AND SPACE GMBH, DE

[86] (2674517)  
[87] (2674517)  
[22] 2009-07-31  
[30] DE (10 2008 035 999.8-22) 2008-08-01

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[11] **2,676,649**  
[13] C

[51] **Int.Cl. C12N 9/16 (2006.01) A01H 5/00 (2006.01) A23J 3/14 (2006.01) C12N 15/55 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C12P 19/00 (2006.01)**

[25] EN

[54] **POLYPEPTIDES HAVING PHYTASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**

[54] **POLYPEPTIDES AYANT UNE ACTIVITE PHYTASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**

[72] SJOEHOLM, CARSTEN, DK  
[72] LASSEN, SOEREN FLENSTED, DK  
[72] SKOV, LARS KOBBEROEE, DK  
[72] DE MARIA, LEONARDO, DK  
[73] NOVOZYMES A/S, DK  
[85] 2009-07-28  
[86] 2008-01-30 (PCT/EP2008/051137)  
[87] (WO2008/092901)  
[30] EP (07101395.7) 2007-01-30

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[11] **2,676,741**  
[13] C

[51] **Int.Cl. B03D 1/01 (2006.01) B03D 1/012 (2006.01)**

[25] EN

[54] **PROCESS FOR THE SEPARATION OF NON-SULFIDIC MINERALS AND ORES FROM UNWANTED CONSTITUENTS OF CRUDE MINERAL AND ORE**

[54] **PROCEDE DE SEPARATION DE MINERAUX ET MINERAIS NON SULFIDIQUES DES CONSTITUANTS INDESIRABLES DE MINERAUX ET MINERAIS BRUTS**

[72] BIGORRA LLOSAS, JOAQUIN, ES  
[72] KOPPL, DIETGER, DE  
[72] HOFFMANN-DORR, SIMONE, DE  
[72] HINRICHS, KLAUS, DE  
[73] COGNIS IP MANAGEMENT GMBH, DE  
[85] 2009-07-24  
[86] 2008-01-17 (PCT/EP2008/000309)  
[87] (WO2008/089906)  
[30] EP (EP07001677) 2007-01-26

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[11] **2,677,023**  
[13] C

[51] **Int.Cl. C07K 1/36 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61K 39/02 (2006.01) C07K 1/18 (2006.01) C07K 1/34 (2006.01) C07K 14/20 (2006.01)**

[25] EN

[54] **METHOD OF PURIFICATION OF HYDROPHOBIC PROTEINS**

[54] **PROCEDE DE PURIFICATION DE PROTEINES HYDROPHOBES**

[72] TAUER, CHRISTA, AT  
[72] MITTERER, ARTUR, AT  
[73] BAXTER INTERNATIONAL INC., US  
[73] BAXTER HEALTHCARE S.A., CH  
[85] 2009-07-30  
[86] 2008-02-19 (PCT/EP2008/001284)  
[87] (WO2008/101667)  
[30] US (60/902,803) 2007-02-22

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[11] **2,678,643**  
[13] C

[51] **Int.Cl. A61B 18/12 (2006.01) A61B 17/28 (2006.01)**

[25] EN

[54] **NON-STICK BIPOLAR FORCEPS**

[54] **FORCEPS BIPOLAIRES NON ADHERENTS**

[72] HANLON, MATTHEW A., US  
[72] EASLEY, JAMES C., US  
[73] STRYKER CORPORATION, US  
[85] 2009-08-18  
[86] 2008-02-19 (PCT/US2008/054301)  
[87] (WO2008/103671)  
[30] US (11/676,340) 2007-02-19

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[11] **2,678,947**  
[13] C

[51] **Int.Cl. C04B 24/04 (2006.01) C04B 11/00 (2006.01) C04B 40/00 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURING READY-MIXED SETTING ALPHA-CALCIUM SULPHATE HEMI-HYDRATE AND KIT FOR SAME**

[54] **PROCEDE POUR FABRIQUER DE L'HEMI-HYDRATE DE SULFATE D'ALPHA-CALCIUM A DURCISSEMENT PRET A L'EMPLOI ET TROUSSE POUR CELUI-CI**

[72] LIU, QINGXIA, US  
[72] NATESAIYER, KUMAR, US  
[72] YU, QIANG, US  
[73] UNITED STATES GYPSUM COMPANY, US  
[85] 2009-08-20  
[86] 2008-03-18 (PCT/US2008/057368)  
[87] (WO2008/115929)  
[30] US (11/688,644) 2007-03-20

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[11] **2,679,395**  
[13] C

[51] **Int.Cl. G01N 33/00 (2006.01) B81B 5/00 (2006.01) B81B 7/04 (2006.01) C07K 1/14 (2006.01) C12M 1/00 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01) G01N 31/20 (2006.01)**

[25] EN

[54] **SERIAL SIPHON VALVES FOR FLUIDIC OR MICROFLUIDIC DEVICES**

[54] **SOUPAPES DE SIPHON EN SERIE POUR DISPOSITIFS FLUIDIQUES OU MICRO-FLUIDIQUES**

[72] BERGERON, MICHEL G., CA  
[72] PEYTAVI, REGIS, FR  
[72] KIDO, HORACIO, US  
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[54] **POLYMERIC MATERIALS AND ALSO ADHESIVE AND COATING COMPOSITIONS COMPOSED THEREOF AND BASED ON MULTI-ALKOXYSIYL-FUNCTIONAL PREPOLYMERS**

[54] **MATERIAUX POLYMERES ET COMPOSITIONS DE REVETEMENT ADHESIF COMPRENANT LESDITS MATERIAUX POLYMERES, A BASE DE PREPOLYMERES COMPORTANT DE MULTIPLES GROUPES FONCTIONNELS DU TYPE ALCOXYSIYLE**

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[72] SCHUBERT, FRANK, DE  
[72] GLOS, MARTIN, DE  
[72] NAUMANN, MATTHIAS, DE  
[72] SCHILLER, CARSTEN, DE  
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[54] **CONVERSION DE BIOMASSE CELLULOSIQUE EN SUCRE**

[72] CHORNET, MICHAEL, CA  
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[54] **METHOD AND DEVICE FOR PURIFYING LIQUID EFFLUENTS**

[54] **PROCEDE ET DISPOSITIF D'EPURATION D'EFFLUENTS LIQUIDES**

[72] CAPEAU, PATRICE, FR  
[72] LOPEZ, MICHEL, FR  
[72] GENDROT, PASCAL, FR  
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[54] **ELECTRODE PLATE MULTI-END SIDES TO SINGLE END SIDE CURRENT COLLECTOR OF AN ELECTRICITY STORAGE/DISCHARGE DEVICE**

[54] **COTES A EXTREMITES MULTIPLES DE PLAQUES D'ELECTRODES RACCORDES A UN COLLECTEUR DE COURANT A COTE A UNE SEULE EXTREMITÉ DE DISPOSITIF DE STOCKAGE/DECHARGE D'ELECTRICITE**

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[54] **DETECTION ET PROCEDE D'ETIQUETTES DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES**

[72] LEONE, STEVEN V., US  
[73] TYCO FIRE & SECURITY GMBH, CH  
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[54] **PROCEDE POUR UNE INTERPRETATION DYNAMIQUE DE TAILLE DE BLOC DE TRANSPORT**

[72] FREDERIKSEN, FRANK, DK  
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[54] **HYDROGEL IMPLANT FOR SENSING METABOLITES IN BODY TISSUE**  
[54] **IMPLANT D'HYDROGEL POUR LA DETECTION PAR CAPTEURS DE METABOLITES DANS DES TISSUS CORPORELS**  
[72] MUELLER, ACHIM, DE  
[72] HERBRECHTSMEIER, PETER, DE  
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[72] NIKOLAUS, KATHARINA, DE  
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[54] **METHOD AND DEVICE FOR MONITORING AVIONICS SYSTEMS CONNECTED TO A SHARED MEDIUM**  
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DE SYSTEMES AVIONIQUES RELIES A UN MEDIA PARTAGE**  
[72] CAMUS, JEAN-MICHEL, FR  
[72] GRIEU, JEROME, FR  
[72] CASES, FABIEN, FR  
[72] GRIS, CHRISTINE, FR  
[72] RINGEARD, PATRICK, FR  
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[54] **METHODE DE QUANTIFICATION ABSOLUE DE POLYPEPTIDES**  
[72] BRUN, VIRGINIE, FR  
[72] DUPUIS, ALAIN, FR  
[72] GARIN, JEROME, FR  
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
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[54] **SURFACE MODIFIED AEROSOL PARTICLES, A METHOD AND APPARATUS FOR PRODUCTION THEREOF AND POWDERS AND DISPERSIONS CONTAINING SAID PARTICLES**  
[54] **PARTICULES D'AEROSOL MODIFIEES EN SURFACE, PROCEDE ET APPAREIL POUR LEUR PRODUCTION ET POUDRES ET DISPERSIONS CONTENANT LESDITES PARTICULES**  
[72] BROWN, DAVID P., FI  
[72] KAUPPINEN, ESKO I., FI  
[72] RAULA, JANNE, FI  
[72] LAEHDE, ANNA, FI  
[73] TEICOS PHARMA OY, FI  
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[54] **PROCEDES ET SYSTEMES POUR PREDIRE UN FONCTIONNEMENT D'EQUIPEMENT**  
[72] BHARATI, MANISH HARISH, US  
[72] KONG, JAMES PO, US  
[72] LI, WEIHUA, US  
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
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[54] **SYSTEM AND APPARATUS FOR DIRECTING THE DRILLING OF A WELL**  
[54] **SYSTEME ET APPAREIL POUR DIRIGER LE FORAGE D'UN PUIT**  
[72] HUTNIAK, NICHOLAS, CA  
[72] KHROMOV, SERGEY, CA  
[72] EDDY, AARON, CA  
[72] RODDA, ROBERT, CA  
[72] HANSEN, WES, CA  
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[54] **APPARATUS FOR DETERMINING THE CONCENTRATION OF A CONDUCTIVE FLUID PRESENT IN A FLUID FILLED BOREHOLE**  
[54] **APPAREIL POUR DETERMINER LA CONCENTRATION D'UN FLUIDE CONDUCTEUR PRESENT DANS UN Puits DE FORAGE REMPLI DE FLUIDE**  
[72] MASON, GUY HARVEY, GB  
[72] GULLIVER, JAMES ANDREW, GB  
[72] HAYES, DEREK GEORGE, GB  
[72] STEEL, PAUL FRANKLIN, GB  
[72] TOMKINS, KENNETH, GB  
[72] STEVENS, ANDREW JOHN, GB  
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[54] **DISPOSITIF D'ECLAIRAGE ELECTRONIQUE**  
[72] HARBERS, GERARD, US  
[72] PUGH, MARK A., US  
[73] XICATO, INC., US  
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[54] **MELANGE DE METHYLISOBUTYL CARBINOL ET SES PROCEDES D'UTILISATION**  
[72] TRAN, BO L., US  
[73] NALCO COMPANY, US  
[85] 2009-12-07  
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[54] **RECIPIENT A LANGUETTE DE VENTILATION RENFORCEE AMOVIBLE**  
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[72] TAYLOR, LARRY, US  
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[54] **METHOD OF MANAGING A COLLABORATIVE PROCESS BY MEANS OF ELECTRONIC MESSAGES**  
[54] **PROCEDE DE GESTION D'UN PROCESSUS COLLABORATIF AU MOYEN DE MESSAGES ELECTRONIQUES**  
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[25] EN  
[54] **ANALYSIS OF AMINO ACIDS IN BODY FLUID BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY**  
[54] **ANALYSE D'ACIDES AMINES DANS UN LIQUIDE CORPOREL PAR SPECTROMETRIE DE MASSE-CHROMATOGRAPHIE EN PHASE LIQUIDE**  
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[73] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US  
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[54] **METHODE DE LUTTE CONTRE LES Poux DE TETE**  
[72] JOHANNESSEN, BAARD, NO  
[73] NETTFORSK AS, NO  
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[54] **EQUIPEMENT ET PROCEDE DE PRODUCTION DE TUBES DE PLASTIQUE A ORIENTATION MOLECULAIRE BIDIRECTIONNELLE**  
[72] MUNOZ DE JUAN, IGNACIO, ES  
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[54] **ANTIMICROBIAL COMPOUNDS, THEIR SYNTHESIS AND THEIR USE FOR TREATMENT OF MAMMALIAN INFECTIONS**  
[54] **COMPOSITIONS ANTIMICROBIENNES, LEUR SYNTHÈSE ET LEUR UTILISATION POUR LE TRAITEMENT D'INFECTIONS CHEZ LES MAMMIFÈRES**  
[72] MOELLMANN, UTE, DE  
[72] MAKAROV, VADIM, RU  
[72] STEWART, T., COLE, FR  
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[54] **PURIFICATION OF SACCHARIDE ANTIGEN-CARRIER PROTEIN CONJUGATES USING HYDROXYAPATITE**  
[54] **PURIFICATION DE CONJUGUES ANTIGÈNE SACCHARIDIQUE-PROTEINE DE SUPPORT AU MOYEN D'HYDROXYAPATITE**  
[72] BIGIO, MASSIMO, IT  
[72] AVERANI, GIOVANNI, IT  
[72] NORELLI, FRANCESCO, IT  
[72] BERTI, FRANCESCO, IT  
[72] BELLUCCI, CINZIA, IT  
[73] NOVARTIS AG, CH  
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[13] C

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[25] EN  
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[54] **SYSTEME POUR CONTROLER LA REACTIVITE D'ACIDES BORONIQUES**  
[72] GILLIS, ERIC P., US  
[72] LEE, SUK JOONG, US  
[72] GRAY, KAITLYN, US  
[72] BURKE, MARTIN D., US  
[72] KNAPP, DAVID M., US  
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[54] **SYSTEME DE DISTRIBUTION DE FLUIDE**  
[72] DAUM, KARL-HEINZ, DE  
[72] RAUSER, WOLF-CHRISTOPH, DE  
[72] SCHALK, WOLFRAM, DE  
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[25] EN  
[54] **PROTOCOL FOR CHARACTERIZING ROCK, METHOD FOR CHARACTERIZING ROCK HARDNESS AND METHODS FOR USE THEREWITH**  
[54] **PROTOCOLE POUR CARACTERISER UNE ROCHE, PROCEDE POUR CARACTERISER LA DURETE D'UNE ROCHE ET LEURS PROCEDES D'UTILISATION**  
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[25] EN  
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[54] **FLOTTATION INVERSE DU MINERAI DE FER AU MOYEN DE COLLECTEURS DANS UNE NANOEMULSION AQUEUSE**  
[72] DE OLIVEIRA FILHO, ANTONIO PEDRO, BR  
[72] RODRIGUES, WENDEL JOHNSON, BR  
[73] CLARIANT S.A., BR  
[85] 2010-01-19  
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[13] C

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[25] EN  
[54] **NITROGEN REMOVAL WITH ISO-PRESSURE OPEN REFRIGERATION NATURAL GAS LIQUIDS RECOVERY**  
[54] **ELIMINATION DE L'AZOTE AVEC RECUPERATION DE LIQUIDES DE GAZ NATUREL A PRESSION CONSTANTE ET AVEC REFRIGERATION A CYCLE OUVERT**  
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[73] LUMMUS TECHNOLOGY INC., US  
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[13] C

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[54] **SYNERGETIC COMPOSITION COMPRISING FLAVOURING SUBSTANCES AND ORGANIC ACIDS AND USE THEREOF**  
[54] **COMPOSITION SYNERGETIQUE COMPRENANT DES SUBSTANCES AROMATISANTES ET DES ACIDES ORGANIQUES ET SON UTILISATION**  
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[54] **DISPOSITIF D'ESSORAGE DE PATE**  
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[54] **CONTROLE DE DEBIT DANS UN SYSTEME DE COMMUNICATION**  
[72] WANSTEDT, STEFAN, SE  
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[54] **DISPOSITIF DE RUPTURE POUR POTEAUX**  
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[73] 1921938 ALBERTA LTD., CA  
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REDUCED FLUSH VOLUMES**  
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[54] **FILTRAGE POSITIONNEL ET  
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[72] WACHTER, ANDREAS K., US  
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[54] **PROCEDE POUR LA  
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[72] BOEGER, THORSTEN, DE  
[72] KLAUKE, PETER, DE  
[72] KLEINSCHMIDT, OLIVER, DE  
[72] FILTHAUT, CHRISTOPH, DE  
[72] ROGNER, INGO, DE  
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AND TRANSFORMER WITH  
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[54] **CORPS D'ENROULEMENT  
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[54] **CHARIOT POUVANT CONTENIR  
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[72] HAAB, GREGOR, CH  
[72] FREI, MARTIN, CH  
[72] STUTZ, ALFRED, CH  
[73] HAWA AG, CH  
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[54] **DISCRETE ENERGY  
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[72] KAUFMAN, PHILIP JOHN, US  
[72] WALKER, MARCIA ELAINE, US  
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[73] ROCKWELL AUTOMATION  
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[54] **CATHETER EN IV MUNI D'UNE VANNE EN LIGNE ET PROCEDES ASSOCIES**  
[72] BELLEY, RICHARD A., US  
[72] FISER, RICHARD L., US  
[72] WEILBACHER, EUGENE E., US  
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[25] EN  
[54] **FLAME RETARDANT, LOW SMOKE EMISSION, HALOGEN FREE 600 V ENERGY CABLE WITH POLYOLEFIN INSULATION AND POLYAMIDE JACKET**  
[54] **CABLE DE PUISSANCE DE 600 V EXEMPT D'HALOGENE, A FAIBLE EMISSION DE FUMEE, IGNIFUGE, COMPORTANT UNE ISOLATION EN POLYOLEFINE ET UNE ENVELOPPE EN POLYAMIDE**  
[72] HERNANDEZ, HERNANDEZ JUAN MANUEL, MX  
[72] PEREZ, SANCHEZ ALFONSO, MX  
[73] SERVICIOS CONDUMEX S.A. DE C.V., MX  
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[72] RANIERE, KEITH A., US  
[73] FIRST PRINCIPLES, INC., US  
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[54] **METHODS OF GENERATING AND UTILIZING UTILITY GAS**  
[54] **PROCEDE DE PRODUCTION ET D'UTILISATION D'UN GAZ POUR MACHINES**  
[72] RASMUSSEN, PETER C., US  
[72] TANAKA, PAUL L., US  
[72] KELLEY, BRUCE T., US  
[72] UPTIGROVE, STANLEY O., US  
[72] DECKMAN, HARRY W., US  
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
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[54] **MESURES DE SECURITE DESTINEES A EMPECHER UN DECRYPTAGE NON AUTORISE**  
[72] ADAMS, NEIL PATRICK, CA  
[72] BENDER, CHRISTOPHER, CA  
[72] BROWN, MICHAEL KENNETH, CA  
[72] GANDHI, SHIVANGI ANANTRUPA, CA  
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[54] **METHOD FOR MAKING A POLYCARBONATE MULTI-LAYER STRUCTURE**  
[54] **METHODE POUR PRODUIRE UNE STRUCTURE MULTICOUCHE EN POLYCARBONATE**  
[72] LEOPOLD, ANDRE, DE  
[72] MUTH, OLIVER, DE  
[72] KNEBEL, MICHAEL, DE  
[72] SEIDEL, RAINER, DE  
[72] EHREKE, JENS, DE  
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[54] **COUNTERBALANCE ENABLED POWER GENERATOR FOR HORIZONTAL DIRECTIONAL DRILLING SYSTEMS**  
[54] **GENERATEUR D'ENERGIE ELECTRIQUE EQUILIBRE POUR SYSTEMES DE FORAGE DIRECTIONNEL HORIZONTAL**  
[72] WEBB, CHARLES T., US  
[73] WEBB, CHARLES T., US  
[85] 2010-05-06  
[86] 2008-11-18 (PCT/US2008/083884)  
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[54] **ETIQUETTE MIXTE EAS ET RFID OU BALISE AVEC PLAGES DE LECTURE CONTROLABLE UTILISANT UNE ANTENNE RFID HYBRIDE**  
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[73] TYCO FIRE & SECURITY GMBH, CH  
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[54] **SYSTEMS AND METHODS FOR CREATING COPIES OF DATA, SUCH AS ARCHIVE COPIES**  
[54] **SYSTEMES ET PROCEDES DE CREATION DE COPIES DE DONNEES, TELLES DES COPIES D'ARCHIVES**  
[72] BUNTE, ALAN, US  
[72] PRAHLAD, ANAND, US  
[72] BROCKWAY, BRIAN, US  
[72] MULLER, MARCUS S., US  
[73] COMMVault SYSTEMS, INC., US  
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[25] EN  
[54] **SYSTEMS AND METHODS FOR CAPTURE AND SEQUESTRATION OF GASES AND COMPOSITIONS DERIVED THEREFROM**  
[54] **SYSTEMES ET PROCEDES DE CAPTURE ET DE SEQUESTRATION DE GAZ ET COMPOSITIONS EN DERIVANT**  
[72] RIMAN, RICHARD E., US  
[72] ATAKAN, VAHIT, US  
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
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[54] **SYSTEM AND METHOD FOR STORING REDUNDANT INFORMATION**  
[54] **SYSTEME ET PROCEDE POUR STOCKER DES INFORMATIONS REDONDANTES**  
[72] GOKHALE, PARAG, US  
[72] KOTTMOTHARAYIL, RAJIV, US  
[72] PRAHLAD, ANAND, US  
[72] VIJAYAN RETNAMMA, MANOJ KUMAR, US  
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[25] EN  
[54] **METERING DEVICE FOR INHALING A POWDERY SUBSTANCE**  
[54] **DISPOSITIF DE DOSAGE DESTINE A L'INHALATION D'UNE SUBSTANCE PULVERULENTE**  
[72] VON SCHUCKMANN, ALFRED, DE  
[72] KAMLAG, YORICK, DE  
[72] MAYER, STEFAN, DE  
[72] SANDELL, DENNIS, DE  
[73] SANOFI SA, CH  
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[54] **DOSING DEVICE FOR THE INHALATION OF A POWDER SUBSTANCE**  
[54] **DISPOSITIF DE DOSAGE POUR INHALER UNE SUBSTANCE EN POUVRE**  
[72] VON SCHUCKMANN, ALFRED, DE  
[72] KAMLAG, YORICK, DE  
[72] MAYER, STEFAN, DE  
[72] SANDELL, DENNIS, DE  
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[54] **ADAPTIVE MIDI WIND CONTROLLER SYSTEM**  
[54] **SYSTEME ADAPTATIF DE CONTROLEUR A VENT MIDI**  
[72] WHALEN, DAVID S., US  
[72] HARS, LASZLO, US  
[72] DICESARE, MICHAEL, US  
[72] LUTHER, JAMES J., US  
[73] MY MUSIC MACHINES LLC, US  
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[25] EN  
[54] **DEVICE FOR STERILISING CUBOID-SHAPED CARDBOARD/PLASTIC COMBIPACKS IN AN AUTOCLAVE AND PACK SUITABLE FOR THIS**  
[54] **DISPOSITIF DE STERILISATION D'EMBALLAGES COMPOSITES PARALLELEPIPEDIQUES EN CARTON ET MATIERE SYNTHETIQUE DANS UN AUTOCLAVE ET EMBALLAGES CONVENANT DANS CE BUT**  
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[72] DINTELMANN, THOMAS, DE  
[73] SIG TECHNOLOGY AG, CH  
[85] 2010-01-27  
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[25] EN  
[54] **SYSTEM FOR COLLABORATIVE CONFERENCING USING STREAMING INTERACTIVE VIDEO**  
[54] **SYSTEME POUR CONFERENCE EN COLLABORATION FAISANT APPEL A DES VIDEOS INTERACTIVES EN CONTINU**  
[72] PERLMAN, STEPHEN G., US  
[72] VAN DER LAAN, ROGER, US  
[73] SONY COMPUTER ENTERTAINMENT AMERICA LLC, US  
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[25] EN  
[54] **SEMI-CONTINUOUS INTEGRATED PROCESS FOR THE PRODUCTION OF HIGH IMPACT VINYL AROMATIC (CO)POLYMERS BY ANIONIC/RADICAL POLYMERIZATION IN SEQUENCE**  
[54] **PROCEDE INTEGRE SEMI-CONTINU POUR LA PRODUCTION DE (CO)POLYMERES AROMATIQUES DE VINYLE A RESISTANCE ELEVEE AUX CHOCS PAR LA POLYMERISATION ANIONIQUE/RADICALAIRE EN SEQUENCE**  
[72] INGLESE, RICCARDO, IT  
[72] CHIEZZI, LEONARDO, IT  
[72] MONTANARI, FABIO, IT  
[72] CASALINI, ALESSANDRO, IT  
[73] VERSALIS S.P.A., IT  
[85] 2010-06-04  
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[25] EN  
[54] **NOVEL PYRAZOLE-SUBSTITUTED ARYLAMIDES**  
[54] **NOUVELLES ARYLAMIDES SUBSTITUEES PYRAZOLE**  
[72] CHEN, LI, CN  
[72] DILLON, MICHAEL PATRICK, US  
[72] FENG, LICHUN, CN  
[72] HAWLEY, RONALD CHARLES, US  
[72] YANG, MINMIN, CN  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2010-06-04  
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[25] EN  
[54] **PHOTOACOUSTIC IMAGING DEVICES AND METHODS OF IMAGING**  
[54] **DISPOSITIFS D'IMAGERIE PHOTO-ACOUSTIQUES ET PROCEDES D'IMAGERIE**  
[72] CHEN, JINGKUANG, US  
[73] STC.UNM, US  
[85] 2010-06-10  
[86] 2008-12-10 (PCT/US2008/086206)  
[87] (WO2009/076427)  
[30] US (61/007,023) 2007-12-10  
[30] US (61/032,947) 2008-02-29

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[51] **Int.Cl. F21V 19/00 (2006.01) F21V 23/06 (2006.01) H01J 5/48 (2006.01) H01J 61/02 (2006.01) H01R 33/965 (2006.01)**  
[25] EN  
[54] **POWER CONNECTION APPARATUS**  
[54] **MECANISME D'ENFICHAGE**  
[72] OKETANI, TETSUYA, JP  
[72] NAGATAKE, MASAHIKO, JP  
[72] ISHIKAWA, SATOSHI, JP  
[72] MARU, KENJI, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[86] (2709042)  
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[51] **Int.Cl. G03B 42/02 (2006.01) G03C 5/17 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR IMAGING IONIZING RADIATION**  
[54] **APPAREIL ET PROCEDE DE RAYONNEMENT IONISANT POUR IMAGERIE**  
[72] FEKE, GILBERT, US  
[72] WOOD, DOUGLAS O., US  
[72] VIZARD, DOUGLAS L., US  
[73] BRUKER BIOSPIN CORPORATION, US  
[85] 2010-06-11  
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[30] US (61/024,621) 2008-01-30  
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[25] EN  
[54] **DUMMY PADDING SUB-HEADER IN MAC PROTOCOL DATA UNITS**  
[54] **SOC EN-TETE FACTICE DE REMPLISSAGE DANS DES UNITES DE DONNEES DE PROTOCOLE MAC**  
[72] KASHIMA, TSUYOSHI, JP  
[72] MALKAMAKI, ESA, FI  
[73] NOKIA TECHNOLOGIES OY, FI  
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[25] EN  
[54] **KTPAF50 AND USES THEREOF IN TREATING MYELOID LEUKEMIA AND PROSTATE CANCER**  
[54] **KTPAF50 ET SES UTILISATIONS DANS LE TRAITEMENT DE LA LEUCEMIE MYELOIDE ET DU CANCER DE LA PROSTATE**  
[72] SANDLER, TAMAR, IL  
[72] DEVARY, ORLY, IL  
[73] TWO TO BIOTECH LTD., IL  
[85] 2010-06-16  
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[54] **AUTOMATIC MILK FOAMER**  
[54] **DISPOSITIF DE PRODUCTION AUTOMATIQUE DE MOUSSE DE LAIT**  
[72] VOLZ, MARTIN, DE  
[72] SHEPHERD, MARTIN, J., CN  
[72] MUELLER, MARTIN, DE  
[73] MUELLER, MARTIN, DE  
[85] 2010-06-21  
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[25] EN  
[54] **SYSTEM AND METHOD FOR DESCRIBING APPLICATIONS FOR MANAGEABILITY AND EFFICIENT SCALE-UP DEPLOYMENT**  
[54] **SYSTEME ET PROCEDE POUR DECRIRE DES APPLICATIONS POUR UNE GERABILITE ET UN DEPLOIEMENT DE MISE A L'ECHELLE EFFICACE**  
[72] BERNABEU-AUBAN, JOSE, US  
[72] KHALIDI, YOUSEF A., US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2010-06-21  
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[54] **SYNTHESIS OF IODIXANOL IN WATER**  
[54] **SYNTHESE D'IODIXANOL DANS L'EAU**  
[72] BREKKE, GEIR, NO  
[72] ROGNE, OTTO, NO  
[72] KJERNLI, TROND, NO  
[72] SVENDSEN, TERJE, NO  
[73] GE HEALTHCARE AS, NO  
[86] (2710598)  
[87] (2710598)  
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[51] **Int.Cl. H02J 7/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FLOAT CHARGING A BATTERY**  
[54] **PROCEDE ET SYSTEME POUR LA CHARGE D'ENTRETIEN D'UNE BATTERIE**  
[72] MCBEE, BRUCE W., US  
[73] COOPER TECHNOLOGIES COMPANY, US  
[85] 2010-06-23  
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[25] EN  
[54] **PROCESS FOR STABILIZING THE PERFORMANCES OF A CATALYST FOR FISCHER TROPSCH REACTION**  
[54] **PROCEDE DE STABILISATION DES PERFORMANCES D'UN CATALYSEUR POUR UNE REACTION DE FISCHER-TROPSCH**  
[72] TASSO, ANDREA, IT  
[72] ROSSINI, STEFANO, IT  
[72] POLLESEL, PAOLO, IT  
[73] ENI S.P.A., IT  
[73] INSTITUT FRANCAIS DU PETROLE, FR  
[85] 2010-06-29  
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[25] EN  
[54] **IMAGING SYSTEM FOR A SURGICAL DEVICE**  
[54] **SYSTEME D'IMAGERIE POUR DISPOSITIF CHIRURGICAL**  
[72] WHITMAN, MICHAEL P., US  
[72] MALINOUSKAS, DONALD, US  
[73] TYCO HEALTHCARE GROUP LP, US  
[85] 2010-06-30  
[86] 2009-01-12 (PCT/US2009/030759)  
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[30] US (61/020,298) 2008-01-10

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[51] **Int.Cl. A01G 33/00 (2006.01) C02F 3/32 (2006.01) C11B 1/02 (2006.01)**  
[25] EN  
[54] **MULTI-STEP METHOD FOR PRODUCING ALGAE PRODUCTS**  
[54] **PROCEDE A PLUSIEURS ETAPES POUR PRODUIRE DES PRODUITS A BASE D'ALGUE**  
[72] JU, LU-KWANG, US  
[73] UNIVERSITY OF AKRON, US  
[85] 2010-07-02  
[86] 2008-12-30 (PCT/US2008/088504)  
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[25] EN  
[54] **ARRANGEMENT AND METHOD FOR DETERMINING THE POSITION OF AN ANIMAL**  
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA POSITION D'UN ANIMAL**  
[72] LIAO, BOHAO, SE  
[72] XIANG, FULIN, SE  
[73] DELAVAL HOLDING AB, SE  
[85] 2010-07-05  
[86] 2009-01-16 (PCT/SE2009/050045)  
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[25] EN  
[54] **SYSTEM AND METHOD FOR DISPENSING ICED BEVERAGES**  
[54] **SYSTEME ET PROCEDE POUR DISTRIBUER DES BOISSONS GLACEES**  
[72] BAKER, BENJAMIN PAUL, GB  
[73] TEMPAK INTERNATIONAL PTY LTD, AU  
[85] 2010-07-06  
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[30] AU (2007906039) 2007-07-09  
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[25] EN  
[54] **METHOD OF LAUNCHING A SELECTED APPLICATION IN A MULTI-MONITOR COMPUTER SYSTEM AND MULTI-MONITOR COMPUTER SYSTEM EMPLOYING THE SAME**  
[54] **PROCEDE DE LANCEMENT D'UNE APPLICATION SELECTIONNEE DANS UN SYSTEME D'ORDINATEUR A ECRANS MULTIPLES ET SYSTEME D'ORDINATEUR A ECRANS MULTIPLES L'UTILISANT**  
[72] IANNELLI, JULIE, CA  
[72] SIDDIQUI, SAMIA, CA  
[73] SMART TECHNOLOGIES ULC, CA  
[85] 2010-07-06  
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[25] EN  
[54] **METHOD AND DEVICE FOR PROCESSING A MOVABLE SUBSTRATE BY MEANS OF LASER**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN SUBSTRAT MOBILE AU MOYEN D'UN LASER**  
[72] COBBEN, JOHANNES IGNATIUS MARIE, NL  
[73] IAI INDUSTRIAL SYSTEMS B.V., NL  
[85] 2010-07-07  
[86] 2009-01-22 (PCT/NL2009/050026)  
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[30] NL (2001212) 2008-01-24

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[13] C

[51] **Int.Cl. G01N 27/90 (2006.01)**  
[25] FR  
[54] **DEVICE FOR MONITORING THE STRUCTURE OF A VEHICLE**  
[54] **DISPOSITIF DE SURVEILLANCE DE LA STRUCTURE D'UN VEHICULE**  
[72] MOREAU, KATELL, FR  
[72] ROUET, VINCENT, FR  
[72] ROLET, SEBASTIEN, FR  
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR  
[85] 2010-07-08  
[86] 2009-03-18 (PCT/EP2009/002005)  
[87] (WO2009/115315)  
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[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/7105 (2006.01) A61K 31/711 (2006.01) A61K 48/00 (2006.01) A61P 27/06 (2006.01)**  
[25] FR  
[54] **USE OF A HOMEOPROTEIN OF THE BICOID FAMILY FOR PREVENTING OR TREATING RETINAL GANGLIONIC NEURONE DEGENERATION**  
[54] **UTILISATION D'UNE HOMEOPROTEINE DE LA FAMILLE BICOID POUR LA PREVENTION OU LE TRAITEMENT DE LA DEGENERESCENCE DES NEURONES GANGLIONNAIRES RETINIENS**  
[72] PROCHIANZ, ALAIN, FR  
[72] MOYA, KENNETH LEE, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[73] ECOLE NORMALE SUPERIEURE, FR  
[85] 2010-07-09  
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[30] FR (0800110) 2008-01-09

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[13] C

[51] **Int.Cl. B65D 51/28 (2006.01) B65D 25/08 (2006.01) B65D 81/32 (2006.01)**  
[25] EN  
[54] **CONTAINER TOP HAVING SEALABLE CHAMBER FOR THE STORING AND MIXING OF TWO OR MORE SUBSTANCES**  
[54] **PARTIE SUPERIEURE DE CONTENEUR AYANT UNE CHAMBRE SCELLABLE POUR LE STOCKAGE ET LE MELANGE DE DEUX OU PLUSIEURS SUBSTANCES**  
[72] GONZALEZ, MARCOS, US  
[73] GLOBAL HARVEST GROUP, INC., US  
[85] 2010-07-12  
[86] 2009-01-12 (PCT/US2009/000182)  
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[30] US (61/006,412) 2008-01-11

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[25] EN  
[54] **DIAGNOSTICS METHODS FOR A COMMUNICATIONS DEVICE**  
[54] **METHODES DIAGNOSTIQUES POUR APPAREIL DE COMMUNICATIONS**  
[72] BEEBE, SIMON, US  
[73] MITEL NETWORKS CORPORATION, CA  
[86] (2712002)  
[87] (2712002)  
[22] 2010-07-22  
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[13] C

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[25] EN  
[54] **CROSS-LINKS FOR A TRACK OF A TRACKED VEHICLE**  
[54] **TRAVERSES POUR CHENILLE DE VEHICULE A CHENILLES**  
[72] PAQUET, FRANCOIS, CA  
[72] KHIMJEE, AMINE, CA  
[72] BERNARD, PATRICK, CA  
[73] PRINOTH LTD., CA  
[85] 2010-07-12  
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[25] EN  
[54] **CONTROL METHOD FOR AN INDUCTION APPARATUS, AND INDUCTION APPARATUS**  
[54] **METHODE DE CONTROLE POUR UN APPAREIL A INDUCTION ET APPAREIL PROPRESMENT DIT**  
[72] FERNANDEZ LLONA, GONZALO JOSE, ES  
[72] RUBIALES GARRIDO, JAVIER, ES  
[73] COPRECITEC, S.L., ES  
[86] (2712186)  
[87] (2712186)  
[22] 2010-08-05  
[30] EP (09380143) 2009-08-05

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[13] C

[51] **Int.Cl. A01G 31/00 (2006.01)**  
[25] EN  
[54] **METHOD OF GROWING PLANTS**  
[54] **PROCEDE DE CROISSANCE DE PLANTES**  
[72] CUYPERS, JEAN-MARIE WILHELMUS, NL  
[72] DE KUBBER, DAAN, NL  
[72] BOUWENS, PAUL, NL  
[73] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2010-07-16  
[86] 2009-01-15 (PCT/EP2009/000188)  
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[13] C

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[25] EN  
[54] **FORMULAS COMPRISING CALCIUM, MAGNESIUM, ZINC, AND VITAMIN D3 FOR THE PREVENTION AND AMELIORATION OF OSTEOPOROSIS**  
[54] **FORMULES COMPRENANT DU CALCIUM, DU MAGNESIUM, DU ZINC ET DE LA VITAMINE D<SB>3</SB> POUR LA PREVENTION ET L'AMELIORATION DE L'OSTEOPOROSE**  
[72] TAM, YUN KAU, CN  
[72] LIN, GE, CN  
[73] BEAUTY PEARL GROUP LIMITED, CN  
[85] 2010-07-20  
[86] 2009-01-28 (PCT/IB2009/005042)  
[87] (WO2009/095798)  
[30] US (61/023,997) 2008-01-28

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[13] C

[51] **Int.Cl. G06F 17/21 (2006.01) G06F 17/22 (2006.01) G06F 17/24 (2006.01)**  
[25] EN  
[54] **EDITING A DOCUMENT USING A TRANSITORY EDITING SURFACE**  
[54] **EDITION D'UN DOCUMENT A L'AIDE D'UNE SURFACE D'EDITION TRANSITOIRE**  
[72] BAILEY, ERIC DANA, US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2010-07-21  
[86] 2009-01-21 (PCT/US2009/031482)  
[87] (WO2009/108417)  
[30] US (12/037,059) 2008-02-25

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[13] C

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[25] EN  
[54] **COMBINATION SECURITY TAG USING A PERIMETER RFID ANTENNA SURROUNDING AN EAS ELEMENT AND METHOD THEREOF**  
[54] **ETIQUETTE DE SECURITE A COMBINAISON UTILISANT UNE ANTENNE PERIPHERIQUE D'IDENTIFICATION PAR RADIOFREQUENCE ENTOURANT UN ELEMENT EAS ET PROCEDE ASSOCIE**  
[72] COPELAND, RICHARD L., US  
[72] HO, WING K., US  
[73] TYCO FIRE & SECURITY GMBH, CH  
[85] 2010-07-26  
[86] 2008-12-11 (PCT/US2008/013652)  
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[30] US (12/020,322) 2008-01-25

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[13] C

[51] **Int.Cl. A47L 15/44 (2006.01) C11D 17/04 (2006.01)**  
[25] EN  
[54] **CONTAINER**  
[54] **CONTENANT**  
[72] ONER, REFIK, US  
[73] RECKITT BENCKISER FINISH B.V., NL  
[85] 2010-07-26  
[86] 2009-01-15 (PCT/GB2009/000099)  
[87] (WO2009/095638)  
[30] GB (0801580.2) 2008-01-29

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[13] C

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[25] EN  
[54] **NITRILE RUBBERS WHICH OPTIONALLY CONTAIN ALKYLTHIO TERMINAL GROUPS AND WHICH ARE OPTIONALLY HYDROGENATED**  
[54] **CAOUTCHOUCS NITRILE OPTIONNELLEMENT HYDROGENES CONTENANT OPTIONNELLEMENT DES TERMINAISONS ALKYLTHIO**  
[72] OBRECHT, WERNER, DE  
[73] LANXESS DEUTSCHLAND GMBH, DE  
[85] 2010-07-28  
[86] 2009-01-16 (PCT/EP2009/050462)  
[87] (WO2009/095315)  
[30] EP (08150761.8) 2008-01-29

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[13] C

[51] **Int.Cl. B28B 7/04 (2006.01) B28B 7/22 (2006.01) E04G 11/32 (2006.01)**  
[25] EN  
[54] **METHOD AND INSTALLATION FOR MANUFACTURING HOLLOW, PRISMATIC, MODULAR REINFORCED-CONCRETE ELEMENTS, AND ELEMENT OBTAINED THEREFROM**  
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'ELEMENTS MODULAIRES PRISMATIQUES CREUX DE BETON ARME ET ELEMENT OBTENU**  
[72] TRAGANT RUANO, JOSE, ES  
[72] MORTE MORALES, MIGUEL, ES  
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[54] **SYSTEME DE CLASSIFICATION DE MOTIFS ET PROCEDE D'APPRENTISSAGE COLLECTIF**  
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[54] **BRAKE CALIPER WITH BRAKE PAD TIMING AND RETRACTION CONTROLLER**  
[54] **ETRIER DE FREIN AVEC CONTROLEUR DE SYNCHRONISATION DE L'APPLICATION ET DE LA RETRACTION DES GARNITURES DE FREIN**  
[72] BURGOON, DONALD L., US  
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[72] MURTHY, NIHAL, US  
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[54] **COLLECTEURS, APPAREILS, SYSTEMES ET PROCEDES POUR APPLIQUER UNE PRESSION REDUITE SUR UN SITE TISSULAIRE SUR UN PIED**  
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[54] **LAIT DE SOJA FERMENTE ET PROCEDE POUR AMELIORER LES PROPRIETES ORGANOLEPTIQUES DU LAIT DE SOJA FERMENTE**  
[72] STROZZI, GIAN PAOLO, IT  
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[54] **PROCEDE DE PREPARATION D'UNE PILE ELECTROCHIMIQUE COMPORTANT UN GEL ELECTROLYTIQUE**  
[72] ZAGHIB, KARIM, CA  
[72] DONTIGNY, MARTIN, CA  
[72] GUERFI, ABDELBAST, CA  
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[54] **PROCEDE DE TRAITEMENT DU CANCER A L'AIDE D'UN ANTAGONISTE DU NEUROPEPTIDE Y5R (NPY5R)**  
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[72] BOUYER, PHILIPPE, FR  
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[54] **FORMULATION D'ERYTHROCYTES ENCAPSULANT UN DIPHOSPHONATE POUR LA PREVENTION ET LE TRAITEMENT DE METASTASES OSSEUSES OU D'AUTRES MALADIES DES OS**  
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[72] WALKER, RODNEY GORDON, NZ  
[72] EBBETT, TODD DONALD, NZ  
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[54] **METHOD AND TOOL FOR RECOGNIZING A HAND-DRAWN TABLE**  
[54] **PROCEDE ET OUTIL POUR RECONNAITRE UN TABLEAU TRACE A LA MAIN**  
[72] XING, ZHAOHUI, CA  
[72] WANG, LUQING, CA  
[73] SMART TECHNOLOGIES ULC, CA  
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[25] EN  
[54] **FIFTH-WHEEL COUPLING SELLETTE D'ATTELAGE**  
[72] ALGUEERA, JOSE MANUEL, DE  
[72] EIERMANN, MICHAEL, DE  
[72] SAUPE, SWEN, DE  
[72] STRUETT, ACHIM, DE  
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[54] **MITIGATION OF DEPOSITS AND SECONDARY REACTIONS IN THERMAL CONVERSION PROCESSES**  
[54] **REDUCTION DES DEPOTS ET DES REACTIONS SECONDAIRES AU COURS DE PROCESSUS DE CONVERSION THERMIQUE**  
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[72] HOPKINS, GEOFFREY, CA  
[73] ENSYN RENEWABLES, INC., US  
[85] 2010-09-24  
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[54] **METHOD AND DEVICE FOR SEGMENTING MEDICAL IMAGE DATA**  
[54] **METHODE ET DISPOSITIF DE SEGMENTATION DE DONNEES D'IMAGES MEDICALES**  
[72] SCHUMMERS, GEORG, DE  
[73] TOMTEC IMAGING SYSTEMS GMBH, DE  
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[54] **COMPOSITION PULVERULENTE DE MALTITOL CRISTALLISE DE GRANDE FLUIDITE ET NON MOTTANTE**  
[72] LEFEVRE, PHILIPPE, FR  
[72] LIS, JOSE, FR  
[72] RIBADEAU-DUMAS, GUILLAUME, FR  
[73] ROQUETTE FRERES, FR  
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[72] FLYNN, JAMES R., US  
[72] WILLIAMS, ANTONY SCOTT, US  
[72] MOLLICONE, LAURENT, US  
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[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION PHOTORETICULABLE**  
[72] BALLEST, JEROME, FR  
[72] BIVER, CLAUDINE, FR  
[72] CANO, JEAN-PAUL, FR  
[72] DELIANE, FLORENT, FR  
[72] ETIENNE, PASCAL, FR  
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[54] **SYSTEM AND METHOD FOR OPTIMIZING CONTENT DISTRIBUTION**  
[54] **SYSTEME ET PROCEDE POUR OPTIMISER UNE DISTRIBUTION DE CONTENU**  
[72] PUJET, NICOLAS, US  
[72] MCREYNOLDS, CHRIS, US  
[73] LEVEL 3 COMMUNICATIONS, LLC, US  
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[54] **SYSTEM AND METHOD FOR DEPLOYING AND RETRIEVING A WAVE ENERGY CONVERTER**  
[54] **SYSTEME ET PROCEDE DE DEPLOIEMENT ET DE RETRAIT D'UN CONVERTISSEUR D'ENERGIE HOULOMOTRICE**  
[72] MOORE, SEAN DEREK, AU  
[73] AUSTRALIAN SUSTAINABLE ENERGY CORPORATION PTY LTD, AU  
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[54] **FILTER COMPOUND MATERIAL, METHOD FOR THE PRODUCTION THEREOF AND FLAT FILTER ELEMENTS MADE OF THE FILTER COMPOUND MATERIAL**  
[54] **MATERIAU COMPOSITE FILTRANT, SON PROCEDE DE FABRICATION, AINSI QU'ELEMENTS FILTRANTS PLATS FABRIQUES A PARTIR DU MATERIAU COMPOSITE FILTRANT**  
[72] MEYER-BLUMENROTH, ULRICH, DE  
[72] MAN, EUGEN, DE  
[72] VOIGT, REINHARD, DE  
[73] MICRODYN-NADIR GMBH, DE  
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[54] **INJECTION OF AIR INTO THE FLOW PATH OF A TURBOMACHINE COMPRESSOR**  
[54] **INJECTION D'AIR DANS LA VEINE D'UN COMPRESSEUR DE TURBOMACHINE**  
[72] DOMERCQ, OLIVIER STEPHANE, FR  
[72] PERROT, VINCENT PAUL GABRIEL, FR  
[72] POITEVIN, JEAN-PIERRE, FR  
[73] SNECMA, FR  
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[54] **MAGNETIC RANGING WHILE DRILLING USING AN ELECTRIC DIPOLE SOURCE AND A MAGNETIC FIELD SENSOR**  
[54] **MESURE MAGNETIQUE EFFECTUEE PENDANT UN FORAGE AU MOYEN D'UNE SOURCE DIPOLAIRE ELECTRIQUE ET D'UN CAPTEUR DE CHAMP MAGNETIQUE**  
[72] CLARK, BRIAN, US  
[72] GOSWAMI, JAIDEVA C., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
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[54] **VARIED WIRE INSULATION USING BOTH FOAMED AND UNFOAMED SECTIONS**  
[54] **ISOLATION VARIEE DE FILS FAISANT APPEL A DES PARTIES ENROBEES DE MOUSSE ET A DES PARTIES SANS MOUSSE**  
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[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US  
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[54] **COMPOSITION POUR DOPE LUBRIFIANT ET SON PROCEDE DE FABRICATION**  
[72] RUHE, WILLIAM R., JR., US  
[73] CHEVRON ORONITE COMPANY LLC, US  
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[54] **STENTED HEART VALVE DEVICES**  
[54] **DISPOSITIFS DE VALVULE CARDIAQUE A STENT**  
[72] HILL, ALEXANDER J., US  
[72] CAPPS, MARK J., US  
[72] MORROW, JOSEPH C., US  
[72] MACDONALD, STUART R., US  
[72] SHAY, JANICE L., US  
[72] REDMOND, JERALD L., US  
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[54] **ROUE HYDRAULIQUE A GENERATEUR INTEGRE**  
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[54] **3D CONTENT AGGREGATION BUILT INTO DEVICES**  
[54] **AGREGATION DE CONTENU TRIDIMENSIONNEL INCORPOREE DANS DES DISPOSITIFS**  
[72] ARCAS, BLAISE AGUERA Y., US  
[72] BREWER, BRETT D., US  
[72] COHEN, MICHAEL FREDRICK, US  
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[72] MACDONALD, GREGOR JAMES, BE  
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[72] SANFILIPPO, DOMENICO, IT  
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[72] DIGARD BROU DE CUISSART, SEBASTIEN, FR  
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[54] **DISPOSITIF POUR LA CAPTURE DE PARTICULES BIOLOGIQUES ET UTILISATION**  
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[54] **AN AGRICULTURE ACTIVES DELIVERY COMPOSITION COMPRISING BORON AND PERSULFATE ION-CROSSLINKED POLYVINYL ALCOHOL MICROCAPSULES AND METHOD OF USE THEREOF**  
[54] **COMPOSITION DE DIFFUSION DE SUBSTANCES ACTIVES AGRICOLES COMPRENANT DES MICROCAPSULES D'ALCOOL POLYVINYLIQUE RETICULEES PAR DES IONS BORE ET DES IONS PERSULFATE**  
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[54] **BOITES DE VENTE AU DETAIL ET PROCEDE DE FABRICATION DE BOITES DE VENTE AU DETAIL**  
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[54] **POMPE MUNIE D'UN MECANISME FLEXIBLE DESTINE A COOPERER AVEC UN DISTRIBUTEUR**  
[72] CIAVARELLA, NICK, US  
[72] HAYES, DAVID, US  
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[54] **ENSEMBLE AIGUILLE DE SURETE ET PROCEDES CORRESPONDANTS**  
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[54] **COMPOSITION D'ENROBAGE DE COMPRIMES LISSE A HAUTE TENEUR EN PARTICULES SOLIDES**  
[72] TERZIAN, LANA L., US  
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[54] **FORMES CRISTALLINES D'UN DERIVE 2-THIAZOLYL-4-QUINOLINYL-OXY, UN INHIBITEUR PUISSANT DU VHC**  
[72] BERKENBUSCH, THILO, DE  
[72] BUSACCA, CARL ALAN, US  
[72] JAEGER, BURKHARD, DE  
[72] VARSOLONA, RICHARD J., US  
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[54] **CHARIOT DE NETTOYAGE**  
[72] MENZEL, MATTHIAS, DE  
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[54] **COMBINAISON D'UNE LAMPE ET D'UN DISPOSITIF DE DISTRIBUTION DE SUBSTANCE VOLATILE**  
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[72] SHAPIRO, STEPHEN, US  
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[54] **COMPOUNDS AND THEIR USE**  
[54] **COMPOSES ET LEUR UTILISATION**  
[72] MCDONALD, EDWARD, GB  
[72] BLAGG, JULIAN, GB  
[72] PICHOWICZ, MARK, GB  
[72] CRUMPLER, SIMON ROSS, GB  
[73] CANCER RESEARCH TECHNOLOGY LIMITED, GB  
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DEVICE AND METHOD**  
[54] **COMPTEUR D'ELECTRICITE ET  
PROCEDE CONNEXE**  
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[73] SCHNEIDER ELECTRIC  
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[54] **BOITE DE VITESSES A SYSTEME  
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[72] ZHOU, CHANGXIU, GB  
[73] SMART MANUFACTURING  
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[54] **POLYMER FABRIC  
COMPOSITION, METHOD OF  
MANUFACTURE AND USE  
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[54] **TISSU DE POLYMERE, SON  
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SON UTILISATION**  
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[54] **SYSTEM, DATA STRUCTURE,  
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SIMULTANEOUSLY RETRIEVING  
MULTI-DIMENSIONAL DATA  
WITH ZERO DATA CONTENTION**  
[54] **SYSTEME, STRUCTURE DE  
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D'EXTRACTION SIMULTANEE  
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[72] JACOB, JEFFREY ALLAN, IL  
[73] CEVA D.S.P. LTD., IL  
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[54] **APPLIANCE CONTROL SYSTEM  
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DETECTING CIRCUIT**  
[54] **SYSTEME DE COMMANDE  
D'APPAREIL A CIRCUIT DE  
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[72] HARRIS, ROBERT C., US  
[73] ELECTROLUX HOME PRODUCTS,  
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[54] **STEREOSCOPIIC ILLUMINATION  
SYSTEM FOR MICROSCOPE**  
[54] **SYSTEME D'ECLAIRAGE  
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[72] BUTLER, JONATHAN MICHAEL, US  
[72] HEWLETT, ROBERT TROY, US  
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CASTING PLANT**  
[54] **TUBE DE POCHE POUR  
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[72] COLLURA, MARIANO, BE  
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[54] **APPARATUS AND METHODS FOR FLUID PRESSURIZING UNITS OF INJECTION SYSTEMS**

[54] **DISPOSITIF ET PROCÉDES POUR UNITÉS DE MISE SOUS PRESSION DE FLUIDE DE SYSTÈMES D'INJECTION**

[72] HIEB, MARTIN G., US  
[72] HAJICEK, DAVID J., US  
[72] NYSTROM, SIDNEY D., US  
[73] ACIST MEDICAL SYSTEMS, INC., US

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[54] **METHODS AND APPARATUS FOR GENERATING INFRARED RADIATION FROM CONVECTIVE PRODUCTS OF COMBUSTION**

[54] **PROCÉDES ET DISPOSITIF POUR GÉNÉRER UN RAYONNEMENT INFRAROUGE À PARTIR DE PRODUITS DE COMBUSTION CONVECTIFS**

[72] BEST, WILLIE H., US  
[73] CHAR-BROIL, LLC, US

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[54] **AN ELASTIC COMPOSITE HAVING CROSS-DIRECTIONAL ELASTICITY AND A SYSTEM AND METHOD FOR MAKING THE ELASTIC COMPOSITE**

[54] **COMPOSITE ELASTIQUE PRÉSENTANT UNE ÉLASTICITÉ TRANSVERSALE ET SYSTÈME ET PROCÉDE DE FABRICATION DU COMPOSITE ELASTIQUE**

[72] TSANG, PATRICK KING YU, CN  
[72] SMID, ANNE, NL  
[72] WRIGHT, ANDREW C., GB  
[72] VARONA, EUGENIO G., US  
[73] DSG TECHNOLOGY HOLDINGS LTD, VG

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[54] **DISPOSITIF D'EXPULSION DE FLUIDE**

[72] BENJAMIN, TRUDY, US  
[72] TORGERSON, JOSEPH M., US  
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US

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[25] EN

[54] **METHOD AND APPARATUS FOR DETECTING A PLUGGED NOZZLE OF A SPRAYER**

[54] **PROCÉDE ET APPAREIL POUR LA DÉTECTION D'UNE BUSE OBSTRUÉE DANS UN ATOMISEUR**

[72] ELLINGSON, JON, US  
[72] TOLLEFSRUD, AARON, US  
[72] BASTIN, BRUCE, US  
[73] CNH INDUSTRIAL AMERICA LLC, US

[86] (2746232)  
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[25] FR

[54] **PROCESS FOR PRODUCING HYDROGEN WITH INTERMEDIATE-PRESSURE PURGE**

[54] **PROCÉDE DE PRODUCTION D'HYDROGÈNE AVEC PURGE À PRESSION INTERMÉDIAIRE**

[72] FISCHER, BEATRICE, FR  
[72] GIROUDIERE, FABRICE, FR  
[72] AMBROSINO, JEAN-LOUIS, FR  
[72] THOMAS, MICHEL, FR  
[73] IFP ENERGIES NOUVELLES, FR

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[54] **PROGRAMMATION DE LA GAMME UTILISANT UNE INTERROGATION DE RECHERCHE**  
[72] HOBBS, JEFFREY, CA  
[72] TAM, TERRY, CA  
[73] MITEL NETWORKS CORPORATION, CA  
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[13] C

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[25] FR  
[54] **METHOD FOR MEASURING THE NEUTRON FLUX IN THE CORE OF A NUCLEAR REACTOR USING A COBALT DETECTOR, AND ASSOCIATED DEVICE**  
[54] **PROCEDE DE MESURE DU FLUX NEUTRONIQUE DANS LE COEUR D'UN REACTEUR NUCLEAIRE A L'AIDE D'UN DETECTEUR AU COBALT ET DISPOSITIF ASSOCIE**  
[72] PFEIFFER, MAXIME, FR  
[73] AREVA NP, FR  
[85] 2011-06-29  
[86] 2009-12-29 (PCT/FR2009/052715)  
[87] (WO2010/076538)  
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[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF THROAT DISCOMFORT**  
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'UN INCONFORT DE LA GORGE**  
[72] CORNEC, MICHEL, US  
[72] CORREA, BETH ANN, US  
[72] HARNISH, MICHELLE, US  
[72] HARVEY, JOAN E., US  
[72] LYNCH, CAROLINE, US  
[72] SCHWARTZ, DANIELLE, US  
[72] WATSON, DEBOARH L., US  
[73] INTERCONTINENTAL GREAT BRANDS LLC, US  
[85] 2011-07-06  
[86] 2010-01-12 (PCT/US2010/020685)  
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[30] US (61/144,846) 2009-01-15

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[13] C

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[54] **PREPREG WITH INTEGRATED MULTI-DIMENSIONAL GAS VENTING NETWORK**  
[54] **PRE-IMPREGNE AVEC UN RESEAU MULTIDIMENSIONNEL INTEGRE DE VENTILATION DE GAZ**  
[72] CUSTER, MILTON, US  
[72] GREEN, GEORGE, US  
[72] BIELAWSKI, W. MARK, US  
[73] HEXCEL CORPORATION, US  
[85] 2011-07-08  
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[87] (WO2010/085402)  
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[54] **ABUTMENT FOR A DENTAL IMPLANT**  
[54] **BUTEE POUR IMPLANT DENTAIRE**  
[72] BOEHLEN, RETO, CH  
[73] STRAUMANN HOLDING AG, CH  
[73] IVOCLAR VIVADENT AG, LI  
[85] 2011-07-14  
[86] 2010-02-05 (PCT/EP2010/000740)  
[87] (WO2010/089141)  
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[13] C

[51] **Int.Cl. F24H 1/52 (2006.01) F24D 17/00 (2006.01) F24D 19/08 (2006.01) F24D 19/10 (2006.01) F24H 9/18 (2006.01) F24H 9/20 (2006.01)**  
[25] EN  
[54] **APPARATUS AND CONTROL METHOD FOR A HYBRID TANKLESS WATER HEATER**  
[54] **APPAREIL ET PROCEDE DE COMMANDE D'UN RECHAUFFEUR D'EAU HYBRIDE SANS CUVE**  
[72] AKASAM, SIVAPRASAD, US  
[72] DEIVASIGAMANI, SRIDHAR, US  
[73] AKASAM, SIVAPRASAD, US  
[73] DEIVASIGAMANI, SRIDHAR, US  
[85] 2011-07-28  
[86] 2010-01-26 (PCT/US2010/022031)  
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[54] **SEPARATOR FOR COMMUNICATION CABLE WITH SHAPED ENDS**

[54] **SEPARATEUR POUR CABLE DE TELECOMMUNICATIONS A EXTREMITES PROFILEES**

[72] CAMP, DAVID P., US  
[72] BROWN, SCOTT M., US  
[72] KENNY, ROBERT D., US  
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US

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[51] **Int.Cl. C07K 14/575 (2006.01) A61K 38/17 (2006.01)**

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[54] **ANALOGUES OF NEUROPEPTIDE Y HAVING AT LEAST ONE SYNTHETIC AMINO ACID SUBSTITUTION**

[54] **ANALOGUES DE NEUROPEPTIDE Y AYANT AU MOINS UNE SUBSTITUTION PAR UN ACIDE AMINE SYNTHETIQUE**

[72] DONG, ZHENG XIN, US  
[72] ZHOU, KEVIN L., US  
[72] DEOLIVEIRA, DANIEL B., US  
[73] IPSEN PHARMA S.A.S., FR

[85] 2011-08-05  
[86] 2010-02-19 (PCT/US2010/000491)  
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[13] C

[51] **Int.Cl. B65D 85/38 (2006.01) A45C 11/00 (2006.01) H05K 5/00 (2006.01)**

[25] EN

[54] **ONE PIECE CO-FORMED EXTERIOR HARD SHELL CASE WITH AN ELASTOMERIC LINER FOR MOBILE ELECTRONIC DEVICES**

[54] **ETUI A COQUE EXTERIEURE DURE CO-FORME EN UN SEUL MORCEAU AVEC REVETEMENT INTERNE ELASTOMERE POUR DISPOSITIFS ELECTRONIQUES MOBILES**

[72] MONGAN, RYAN, US  
[72] LAW, DAVID, US  
[72] WEIS, JARRET, US  
[72] HYNCEK, BRYAN LEE, US  
[72] MYERS, STEPHEN REIGER, US  
[73] SAMSONITE IP HOLDINGS S.A.R.L., LU

[85] 2011-08-05  
[86] 2010-01-28 (PCT/US2010/022330)  
[87] (WO2010/090935)  
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[25] EN

[54] **NOVEL TRIAZINE DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**

[54] **NOUVEAU DERIVE DE TRIAZINE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**

[72] KAI, HIROYUKI, JP  
[72] KAMEYAMA, TAKAYUKI, JP  
[72] HASEGAWA, TSUYOSHI, JP  
[72] OOHARA, MIHO, JP  
[72] TADA, YUKIO, JP  
[72] ENDOH, TAKESHI, JP  
[73] SHIONOGI & CO., LTD., JP

[85] 2011-08-11  
[86] 2010-02-10 (PCT/JP2010/051920)  
[87] (WO2010/092966)  
[30] JP (2009-031520) 2009-02-13  
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[54] **PROTECTION OF BIOANALYTICAL SAMPLE CHAMBERS**

[54] **PROTECTION DE CHAMBRES A ECHANTILLONS BIOANALYTIQUES**

[72] DE GIER, RONALD, NL  
[72] VERSLEEGERS, JOZEF C. M., NL  
[73] BIOCARTIS NV, BE

[85] 2011-08-16  
[86] 2010-04-09 (PCT/CH2010/000095)  
[87] (WO2010/118542)  
[30] EP (09157972.2) 2009-04-15

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[25] EN

[54] **EXTENDING COLLABORATION CAPABILITIES TO EXTERNAL DATA**

[54] **EXTENSION DE CAPACITES DE COLLABORATION A DES DONNEES EXTERNES**

[72] CAMPBELL, JONATHAN, US

[72] CHOU, ERAY, US

[72] CROW, HOWARD M., III, US

[72] HARWOOD, PETER K., US

[72] HAUGEN, TODD, US

[72] JOHNSON, CHRISTOPHER FOSTER, US

[72] NAZEERUDDIN, MOHAMMED, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[54] **CABLE BARRIER LAYER WITH SHIELDING SEGMENTS**

[54] **COUCHE DE PROTECTION DE CABLE AVEC SEGMENTS DE BLINDAGE**

[72] CAMP, DAVID P., II, US

[72] BROWN, SCOTT M., US

[72] WEITZEL, JARED D., US

[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US

[86] (2754436)

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[51] **Int.Cl. A61K 31/422 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/20 (2006.01) A61P 13/02 (2006.01) A61P 15/00 (2006.01) A61P 15/02 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **USE OF NIFURATEL TO TREAT INFECTIONS CAUSED BY ATOPOBIUM SPECIES**

[54] **UTILISATION DE NIFURATEL POUR TRAITER DES INFECTIONS PROVOQUEES PAR DES ESPECES ATOPOBIUM**

[72] MAILLAND, FEDERICO, CH

[73] POLICHEM S.A., LU

[85] 2011-09-12

[86] 2010-04-19 (PCT/EP2010/055090)

[87] (WO2010/121980)

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[13] C

[51] **Int.Cl. B01J 19/32 (2006.01)**

[25] EN

[54] **MASS TRANSFER APPARATUS INCLUDING A STRUCTURED PACKING**

[54] **APPAREIL DE TRANSFERT DE MASSE COMPRENANT UN GARNISSAGE STRUCTURE**

[72] AUSNER, ILJA, DE

[72] DUSS, MARKUS, CH

[72] PLUSS, RAYMOND, CH

[73] SULZER CHEMTECH AG, CH

[85] 2011-09-16

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[13] C

[51] **Int.Cl. G01C 23/00 (2006.01) G01C 21/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR AUGMENTED NAVIGATION**

[54] **PROCEDES ET SYSTEMES POUR UNE NAVIGATION AUGMENTEE**

[72] ALTAMURA, FRANCESCO, IT

[72] CORTESI, SIMONE, IT

[73] THE BOEING COMPANY, US

[86] (2756912)

[87] (2756912)

[22] 2011-11-02

[30] US (12/968,918) 2010-12-15

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[13] C

[51] **Int.Cl. C09D 163/00 (2006.01) C09D 5/08 (2006.01)**

[25] EN

[54] **WATER BASED NON-CHROMATED PRIMERS FOR STRUCTURAL BONDING APPLICATIONS**

[54] **AGENTS D'ACCROCHAGE NON CHROMES A BASE D'EAU POUR APPLICATIONS DE LIAISONS STRUCTURALES**

[72] SHAH, KUNAL GAURANG, US

[72] KOHLI, DALIP KUMAR, US

[73] CYTEC TECHNOLOGY CORP., US

[85] 2011-09-28

[86] 2010-03-30 (PCT/US2010/029146)

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[11] **2,757,568**  
[13] C

[51] **Int.Cl. B01D 17/05 (2006.01)**

[25] EN

[54] **DEMULSIFICATION COMPOSITIONS, SYSTEMS AND METHODS FOR DEMULSIFYING AND SEPARATING AQUEOUS EMULSIONS**

[54] **COMPOSITIONS DE RUPTURE D'EMULSIONS, SYSTEMES ET PROCEDES POUR LA RUPTURE ET LA SEPARATION D'EMULSIONS AQUEUSES**

[72] REY, PAUL, US

[72] CEPLCHA, STEVEN P., US

[72] SUNDERLIK, DAVID M., US

[73] KROFF CHEMICAL COMPANY, INC., US

[73] DOW AGROSCIENCES LLC, US

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[54] **SANITIZATION OF PACKETS**  
[54] **ASSAINISSEMENT DE PAQUETS**  
[72] SINGH, ABHISHEK, US  
[72] GANACHARYA, TANMAY A., US  
[72] LAMBERT, SCOTT, US  
[72] LIVIC, NIKOLA J., US  
[72] BHALODE, SWAPNIL, US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2011-10-05  
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[30] US (12/437,559) 2009-05-08

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[25] EN  
[54] **METHOD AND APPARATUS FOR IMPREGNATION OF ITEMS**  
[54] **PROCEDE ET APPAREIL DESTINES A IMPREGNER DES ARTICLES**  
[72] PARLING, PETER, DK  
[73] DANPROTEX A/S, DK  
[85] 2011-10-12  
[86] 2009-04-16 (PCT/DK2009/050088)  
[87] (WO2009/127214)  
[30] DK (PA 2008 00557) 2008-04-16

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[13] C

- [51] **Int.Cl. H04W 72/00 (2009.01) H04W 68/02 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING SPECTRUM ALLOCATION**  
[54] **SYSTEME ET PROCEDE DE GESTION D'ATTRIBUTION DE SPECTRE**  
[72] STANFORTH, PETER, US  
[72] SCHMIDT, JEFFERY C, US  
[73] SPECTRUM BRIDGE, INC., US  
[85] 2011-10-12  
[86] 2010-04-02 (PCT/US2010/029751)  
[87] (WO2010/120575)  
[30] US (12/423,094) 2009-04-14

[11] **2,758,632**  
[13] C

- [51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/26 (2006.01) G06F 17/27 (2006.01)**  
[25] EN  
[54] **MINING PHRASE PAIRS FROM AN UNSTRUCTURED RESOURCE**  
[54] **RECHERCHE DE PAIRES DE PHRASES DANS UNE RESSOURCE NON STRUCTUREE**  
[72] DOLAN, WILLIAM B., US  
[72] BROCKETT, CHRISTOPHER J., US  
[72] CASTILLO, JULIO J., US  
[72] VANDERWENDE, LUCRETIA H., US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2011-10-13  
[86] 2010-05-14 (PCT/US2010/035033)  
[87] (WO2010/135204)  
[30] US (12/470,492) 2009-05-22

[11] **2,758,776**  
[13] C

- [51] **Int.Cl. H04W 16/22 (2009.01)**  
[25] EN  
[54] **COMMUNICATIONS EFFECTS IN NETWORK SIMULATIONS**  
[54] **EFFETS DE COMMUNICATION DANS DES SIMULATIONS DE RESEAUX**  
[72] CUSTER, ROBERT C., US  
[72] HARRISON, ROBERT J., US  
[72] WALTERSDORF, BRIAN J., US  
[73] THE BOEING COMPANY, US  
[86] (2758776)  
[87] (2758776)  
[22] 2011-11-18  
[30] US (12/969574) 2010-12-15

[11] **2,760,667**  
[13] C

- [51] **Int.Cl. F04D 29/54 (2006.01) F01D 5/22 (2006.01) F01D 9/04 (2006.01) F02C 6/08 (2006.01)**  
[25] FR  
[54] **HOUSING FOR A STATOR OF AN AIRCRAFT TURBINE ENGINE, COMPRISING SLITS FOR THE MECHANICAL OFFLOADING OF BLADES**  
[54] **VIROLE POUR STATOR DE TURBOMOTEUR D'AERONEF A FENTES DE DECHARGEMENT MECANIQUE D'AUBES**  
[72] BERTOLI, VINCENZO, FR  
[73] SNECMA, FR  
[85] 2011-11-01  
[86] 2010-05-04 (PCT/EP2010/055998)  
[87] (WO2010/128025)  
[30] FR (0953055) 2009-05-07

[11] **2,762,714**  
[13] C

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[25] EN  
[54] **INVENTORY AND ANTI-THEFT ALARM SYSTEM**  
[54] **SYSTEME D'INVENTAIRE ET D'ALARME ANTIVOL**  
[72] JOSEPH, JOSEPH, US  
[73] JOSEPH, JOSEPH, US  
[86] (2762714)  
[87] (2762714)  
[22] 2011-12-21  
[30] US (13/200,778) 2011-09-30

[11] **2,763,057**  
[13] C

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[25] EN  
[54] **DEVICE AND METHOD FOR DETERMINING A RHEOLOGICAL PROPERTY OF MUCUS**  
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER UNE PROPRIETE RHEOLOGIQUE DU MUCUS**  
[72] MOONS, MATHIAS THEODORUS MARIA, NL  
[73] KEN KEN B.V., NL  
[85] 2011-11-21  
[86] 2008-05-27 (PCT/NL2008/050318)  
[87] (WO2009/145610)

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[51] **Int.Cl. C08L 23/10 (2006.01) C08J 7/04 (2006.01) C08K 5/34 (2006.01) C08K 13/02 (2006.01) C08L 37/00 (2006.01)**

[25] EN

[54] **SCRATCH RESISTANT POLYPROPYLENE**

[54] **POLYPROPYLENE RESISTANT AUX RAYURES**

[72] PHAM, HUNG, US

[72] KAPRINIDIS, NIKOLAS, US

[72] MAIER, RALPH DIETER, US

[72] WILSON, JOHANNE, US

[73] BASF CORPORATION, US

[85] 2011-11-23

[86] 2010-05-17 (PCT/US2010/035107)

[87] (WO2010/138330)

[30] US (61/217,059) 2009-05-26

[30] US (61/223,500) 2009-07-07

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[13] C

[51] **Int.Cl. H04N 19/86 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**

[25] EN

[54] **IMAGE PROCESSING DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**

[72] SATO, KAZUSHI, JP

[73] SONY CORPORATION, JP

[85] 2011-11-29

[86] 2010-06-23 (PCT/JP2010/060605)

[87] (WO2011/001865)

[30] JP (2009-156563) 2009-07-01

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[11] **2,764,730**  
[13] C

[51] **Int.Cl. B65B 55/10 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DISINFECTING PACKAGING**

[54] **PROCEDE ET DISPOSITIF DE DESINFECTION D'EMBALLAGES**

[72] GEISSLER, HANNO, DE

[73] SIG TECHNOLOGY AG, CH

[85] 2011-12-07

[86] 2010-06-04 (PCT/DE2010/000653)

[87] (WO2010/142278)

[30] DE (10 2009 029 706.5) 2009-06-08

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[13] C

[51] **Int.Cl. B01D 53/22 (2006.01) B01D 63/02 (2006.01) B01D 69/08 (2006.01) F24F 6/04 (2006.01)**

[25] EN

[54] **WATER-VAPOR-PERMEABLE MEMBRANE, HOLLOW-FIBER MEMBRANE, AND HOLLOW-FIBER MEMBRANE MODULE**

[54] **MEMBRANE PERMEABLE A LA VAPEUR D'EAU, MEMBRANE A FIBRES CREUSES ET MODULE DE MEMBRANE A FIBRES CREUSES**

[72] OSABE, MASAHIRO, JP

[72] TANAKA, KAZUMI, JP

[72] SUGAYA, HIROYUKI, JP

[73] TORAY INDUSTRIES, INC., JP

[85] 2011-12-08

[86] 2009-08-21 (PCT/JP2009/064612)

[87] (WO2011/021300)

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[13] C

[51] **Int.Cl. H04J 99/00 (2009.01) H04W 16/28 (2009.01) H04J 1/00 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD**

[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION SANS FIL**

[72] KISHIGAMI, TAKAAKI, JP

[73] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2011-12-15

[86] 2010-07-01 (PCT/JP2010/004345)

[87] (WO2011/001690)

[30] JP (2009-159207) 2009-07-03

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[13] C

[51] **Int.Cl. C08L 95/00 (2006.01) C08K 3/00 (2006.01) C08K 3/32 (2006.01)**

[25] EN

[54] **RECLAIMED ASPHALT PAVEMENT CONTAINING POLYPHOSPHORIC ACID MODIFIED BINDER**

[54] **REVETEMENT DE SOL EN ASPHALTE RECYCLE CONTENANT UN LIANT MODIFIE AVEC UN ACIDE POLYPHOSPHORIQUE**

[72] MARTIN, JEAN-VALERY, US

[73] INNOPHOS, INC., US

[85] 2011-12-19

[86] 2010-06-18 (PCT/US2010/039212)

[87] (WO2010/148327)

[30] US (61/218,761) 2009-06-19

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[11] **2,766,420**  
[13] C

[51] **Int.Cl. G06F 15/00 (2006.01) G06F 3/00 (2006.01) G06F 3/02 (2006.01) G09B 5/00 (2006.01)**

[25] EN

[54] **COMMUNICATION AND ACADEMIC ACHIEVEMENT ASSISTIVE DEVICE, SYSTEM, AND METHOD**

[54] **DISPOSITIF, SYSTEME ET METHODE D'ASSISTANCE A LA COMMUNICATION ET A L'ACQUISITION DE CONNAISSANCES SCOLAIRES**

[72] NORIS, MICHELLE DENISE, US

[72] WEITZMAN, JOSHUA JUSTIN, US

[73] NORIS, MICHELLE DENISE, US

[73] WEITZMAN, JOSHUA JUSTIN, US

[86] (2766420)

[87] (2766420)

[22] 2012-01-27

[30] US (61/436,858) 2011-01-27

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[11] **2,767,637**  
[13] C

[51] **Int.Cl. C09K 8/588 (2006.01) C09K 8/28 (2006.01) C09K 8/58 (2006.01) C09K 8/60 (2006.01)**

[25] EN

[54] **METHOD OF REDUCING THE VISCOSITY OF HYDROCARBON FLUIDS**

[54] **PROCEDE DE REDUCTION DE LA VISCOSITE DE FLUIDES D'HYDROCARBURE**

[72] FAUST, MARCUS D., JR., US

[72] FLATT, AUSTEN K., US

[72] WEATHERS, THOMAS M., JR., US

[72] NGUYEN, DUY T., US

[73] NALCO COMPANY, US

[85] 2012-01-09

[86] 2010-07-09 (PCT/US2010/041452)

[87] (WO2011/006024)

[30] US (12/500,644) 2009-07-10

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[11] **2,768,388**  
[13] C

[51] **Int.Cl. B27K 3/50 (2006.01) C08H 8/00 (2010.01) A01N 37/02 (2006.01) B27K 3/36 (2006.01) C08K 5/103 (2006.01)**

[25] EN

[54] **BIOCIDAL COMPOSITION FOR WOOD, METHOD FOR WOOD TREATMENT, AND WOOD PRODUCED THEREBY**

[54] **COMPOSITION BIOCIIDE POUR BOIS, PROCEDE DE TRAITEMENT DU BOIS, ET BOIS PRODUIT PAR CE DERNIER**

[72] VUORI, ANTTI, FI

[72] NISSINEN, TIMO, FI

[73] TAMINCO FINLAND OY, FI

[85] 2012-01-16

[86] 2009-07-14 (PCT/FI2009/050625)

[87] (WO2011/007043)

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[11] **2,769,275**  
[13] C

[51] **Int.Cl. A61K 8/25 (2006.01) A61K 9/51 (2006.01)**

[25] EN

[54] **A DELIVERY SYSTEM COMPRISING A SILICON-CONTAINING MATERIAL**

[54] **SYSTEME DE DISTRIBUTION COMPORTANT UN MATERIAU CONTENANT DU SILICIUM**

[72] SAFFIE-SIEBERT, ROGHIEH, GB

[73] SISAF LTD, GB

[85] 2012-01-27

[86] 2010-07-30 (PCT/GB2010/001456)

[87] (WO2011/012867)

[30] GB (0913255.6) 2009-07-30

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[11] **2,769,557**  
[13] C

[51] **Int.Cl. C08J 5/24 (2006.01) B32B 5/24 (2006.01) B32B 5/28 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN COMPOSITE MATERIALS**

[54] **AMELIORATIONS SE RAPPORTANT A DES MATERIAUX COMPOSITES**

[72] CAWSE, JOHN, GB

[72] SIMMONS, MARTIN, GB

[73] HEXCEL COMPOSITES LIMITED, GB

[85] 2012-01-30

[86] 2010-09-02 (PCT/GB2010/051452)

[87] (WO2011/027160)

[30] GB (0915366.9) 2009-09-04

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[11] **2,771,091**  
[13] C

[51] **Int.Cl. H02J 7/00 (2006.01) B60S 5/06 (2006.01) H01M 10/44 (2006.01)**

[25] EN

[54] **SCALABLE INTELLIGENT POWER SUPPLY SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'ALIMENTATION ELECTRIQUE INTELLIGENTS ET EVOLUTIFS**

[72] SCHEUCHER, KARL F., US

[73] SCHEUCHER, KARL F., US

[86] (2771091)

[87] (2771091)

[22] 2007-02-09

[62] 2,642,527

[30] US (60/771,771) 2006-02-09

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[30] US (11/672,853) 2007-02-08

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[11] **2,771,286**  
[13] C

[51] **Int.Cl. G01V 99/00 (2009.01) E02D 1/02 (2006.01) G06Q 10/06 (2012.01) G01V 3/08 (2006.01) G01V 3/10 (2006.01)**

[25] EN

[54] **LOCATING EQUIPMENT COMMUNICATIVELY COUPLED TO OR EQUIPPED WITH A MOBILE/PORTABLE DEVICE**

[54] **LOCALISATION D'UN EQUIPEMENT EN LIAISON AVEC UN DISPOSITIF DE COMMUNICATION MOBILE ET/OU PORTATIF OU, ENCORE, MUNI D'UN TEL DISPOSITIF**

[72] NIELSEN, STEVEN, US

[72] CHAMBERS, CURTIS, US

[72] FARR, JEFFREY, US

[72] DAVANI, ANTHONY, US

[73] CERTUSVIEW TECHNOLOGIES, LLC, US

[86] (2771286)

[87] (2771286)

[22] 2010-08-10

[62] 2,710,269

[30] US (61/233,105) 2009-08-11

[30] US (61/291,017) 2009-12-30

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[13] C

[51] **Int.Cl. H02K 21/44 (2006.01)**

[25] EN

[54] **WIND OR WATER ENERGY INSTALLATION**

[54] **INSTALLATION EXPLOITANT L'ENERGIE EOLIENNE OU HYDRAULIQUE**

[72] HEIN, PETER, DE

[73] VENPOWER GMBH, DE

[85] 2012-03-06

[86] 2010-08-30 (PCT/EP2010/005607)

[87] (WO2011/032674)

[30] EP (09075430.0) 2009-09-17

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[13] C

[51] **Int.Cl. H04W 72/04 (2009.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SUBFRAME INTERLACING IN HETEROGENEOUS NETWORKS**  
[54] **PROCEDES ET APPAREIL POUR ENTRELACEMENT DE SOUS-TRAMES DANS DES RESEAUX HETEROGENES**  
[72] DAMNJANOVIC, ALEKSANDAR, US  
[72] WEI, YONGBIN, US  
[72] BARANY, PETER A., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2012-03-08  
[86] 2010-09-15 (PCT/US2010/048988)  
[87] (WO2011/034966)  
[30] US (61/242,678) 2009-09-15  
[30] US (12/882,090) 2010-09-14

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[11] **2,775,108**  
[13] C

[51] **Int.Cl. A61F 5/01 (2006.01)**  
[25] EN  
[54] **KNEE-JOINT BANDAGE MADE OF ELASTIC MATERIAL AND HAVING AN APPLICATION AID**  
[54] **BANDAGE DE ROTULE FAIT D'UN MATERIAU ELASTIQUE ET COMPORTANT UN DISPOSITIF D'AIDE A L'INSTALLATION**  
[72] REINHARDT, HOLGER, DE  
[72] BERENDT, UWE, DE  
[73] BAUERFEIND AG, DE  
[85] 2012-03-23  
[86] 2010-09-21 (PCT/EP2010/005773)  
[87] (WO2011/035885)  
[30] DE (20 2009 012 967.5) 2009-09-25

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[11] **2,775,166**  
[13] C

[51] **Int.Cl. E04B 1/38 (2006.01) E04B 2/28 (2006.01) E04F 13/22 (2006.01) E04F 13/24 (2006.01) F16B 13/00 (2006.01)**  
[25] EN  
[54] **DUAL SEAL TUBULAR ANCHOR FOR CAVITY WALLS**  
[54] **DISPOSITIF D'ANCRAGE TUBULAIRE POUR MURS CREUX**  
[72] HOHMANN, RONALD P., JR., US  
[73] MITEK HOLDINGS, INC., US  
[86] (2775166)  
[87] (2775166)  
[22] 2012-04-18  
[30] US (13/118,708) 2011-05-31

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[11] **2,775,182**  
[13] C

[51] **Int.Cl. B32B 41/00 (2006.01) B32B 5/08 (2006.01) G06F 17/50 (2006.01)**  
[25] EN  
[54] **DESIGN OF CURVED FIBER PATHS FOR COMPOSITE LAMINATES**  
[54] **CHEMINS DE FIBRES RECOURBES POUR STRATIFIES COMPOSITES**  
[72] RASSAIAN, MOSTAFA, US  
[72] GRIMSHAW, MATTHEW TODD, US  
[72] GRANDINE, THOMAS A., US  
[72] PATTERSON, MATTHEW STEVEN, US  
[72] BLOM, ADRIANA WILLEMPJE, US  
[73] THE BOEING COMPANY, US  
[86] (2775182)  
[87] (2775182)  
[22] 2012-04-20  
[30] US (13/164,701) 2011-06-20

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[11] **2,775,667**  
[13] C

[51] **Int.Cl. F16F 9/14 (2006.01) F16F 9/34 (2006.01)**  
[25] EN  
[54] **ROTARY DAMPER**  
[54] **AMORTISSEUR ROTATIF**  
[72] OGAWA, MASAKI, JP  
[73] SUGATSUNE KOGYO CO., LTD., JP  
[85] 2012-03-27  
[86] 2010-07-29 (PCT/JP2010/004811)  
[87] (WO2011/039922)  
[30] JP (2009-226672) 2009-09-30

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[11] **2,775,879**  
[13] C

[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROCESSING DATA**  
[54] **SYSTEMES ET METHODES DE TRAITEMENT DES DONNEES**  
[72] QUADRACCI, LEONARD JON, US  
[72] NAKAMOTO, KYLE M., US  
[72] WARN, BRIAN, US  
[73] THE BOEING COMPANY, US  
[86] (2775879)  
[87] (2775879)  
[22] 2012-04-30  
[30] US (13/173,028) 2011-06-30

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[11] **2,776,054**  
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) C07K 14/705 (2006.01) C12N 15/63 (2006.01) C12Q 1/00 (2006.01) G01N 33/566 (2006.01) C07K 16/28 (2006.01)**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING A G-PROTEIN COUPLED RECEPTOR INVOLVED IN SENSORY TRANSDUCTION**  
[54] **ACIDES NUCLEIQUES CODANT LES RECEPTEURS ASSOCIES A LA PROTEINE G QUI INTERVIENNENT DANS LA TRANSDUCTION SENSORIELLE**  
[72] ZUKER, CHARLES S., US  
[72] ADLER, JON ELLIOTT, US  
[72] LINDEMEIER, JUERGEN, DE  
[72] RYBA, NICK, US  
[72] HOON, MARK, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[86] (2776054)  
[87] (2776054)  
[22] 1999-07-27  
[62] 2,335,318  
[30] US (60/094,465) 1998-07-28

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[11] **2,776,514**  
[13] C

[51] **Int.Cl. F16K 37/00 (2006.01) F16K 31/122 (2006.01)**  
[25] EN  
[54] **VALVE WITH PROOF OF CLOSURE**  
[54] **SOUPAPE AVEC PREUVE DE FERMETURE**  
[72] CLARK, DEROLD G., CA  
[73] CLARK, DEROLD G., CA  
[86] (2776514)  
[87] (2776514)  
[22] 2012-05-07

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[13] C

[51] **Int.Cl. B01D 24/46 (2006.01) B01D 24/22 (2006.01) B01D 39/00 (2006.01)**

[25] EN

[54] **HIGH SPEED FILTRATION DEVICE USING POROUS MEDIA, AND BACKWASH METHOD THEREOF**

[54] **DISPOSITIF DE FILTRATION A GRANDE VITESSE UTILISANT DES MILIEUX POREUX, ET PROCEDE DE LAVAGE A CONTRE-COURANT DE CE DISPOSITIF**

[72] CHOI, JIN NAK, KR  
[73] CHOI, SUNG PIL, KR  
[85] 2012-04-10  
[86] 2010-10-25 (PCT/KR2010/007312)  
[87] (WO2011/052938)  
[30] KR (10-2009-0101662) 2009-10-26  
[30] KR (10-2010-0035553) 2010-04-16  
[30] KR (10-2010-0035875) 2010-04-19  
[30] KR (10-2010-0036109) 2010-04-19

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[11] **2,777,247**  
[13] C

[51] **Int.Cl. A47B 95/00 (2006.01) E05D 5/02 (2006.01) E05D 7/12 (2006.01) F16B 12/20 (2006.01)**

[25] EN

[54] **FASTENING DEVICE FOR FURNITURE FITTINGS**

[54] **DISPOSITIF DE FIXATION POUR FERRURES DE MEUBLE**

[72] RAICH, OSKAR, AT  
[72] NAGEL, THOMAS, AT  
[73] JULIUS BLUM GMBH, AT  
[85] 2012-04-11  
[86] 2010-09-13 (PCT/AT2010/000329)  
[87] (WO2011/044598)  
[30] AT (A 1603/2009) 2009-10-12

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[11] **2,777,444**  
[13] C

[51] **Int.Cl. F01N 3/02 (2006.01) F01N 13/10 (2010.01) F01N 3/04 (2006.01) F01P 3/12 (2006.01) F02B 37/00 (2006.01)**

[25] EN

[54] **FLUID-COOLED EXHAUST MANIFOLD**

[54] **COLLECTEUR D'ECHAPPEMENT REFROIDI PAR UN FLUIDE**

[72] SLOSS, CLAYTON A., CA  
[73] WESCAST INDUSTRIES, INC., CA  
[85] 2012-04-12  
[86] 2010-10-13 (PCT/IB2010/002615)  
[87] (WO2011/045659)  
[30] US (61/251,427) 2009-10-14  
[30] US (61/348,481) 2010-05-26

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[11] **2,778,009**  
[13] C

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 9/70 (2006.01) A61K 47/18 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **AQUEOUS PATCHES CONTAINING DICLOFENAC SODIUM**

[54] **TIMBRES AQUEUX CONTENANT DU DICLOFENAC SODIQUE**

[72] KAMAKURA, TAKASHI, JP  
[72] TANI, KAZUHA, JP  
[72] MABUCHI, YUICHIRO, JP  
[72] OKADA, KAZUHIRO, JP  
[73] TEIKOKU SEIYAKU CO., LTD., JP  
[85] 2012-04-17  
[86] 2010-10-19 (PCT/JP2010/068311)  
[87] (WO2011/049058)  
[30] JP (2009-244518) 2009-10-23

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[11] **2,778,283**  
[13] C

[51] **Int.Cl. G01N 21/63 (2006.01) B82B 1/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **APPARATUS FOR SINGLE-MOLECULE DETECTION**

[54] **APPAREIL DE DETECTION DE MOLECULE UNIQUE**

[72] CHIOU, CHUNG-FAN, CN  
[72] TSAI, RUNG-YWAN, CN  
[72] LI, YU-TANG, CN  
[72] SHIH, CHIH-TSUNG, CN  
[72] LI, MING-CHIA, CN  
[72] CHU, CHANG-SHENG, CN  
[72] CHUNG, SHUANG-CHAO, CN  
[72] CHEN, JUNG-PO, CN  
[72] PU, YING-CHIH, CN  
[73] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, CN  
[85] 2012-04-19  
[86] 2011-06-10 (PCT/CN2011/075598)  
[87] (WO2011/153962)  
[30] US (12/801,503) 2010-06-11  
[30] US (12/805,411) 2010-07-29

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[11] **2,779,177**  
[13] C

[51] **Int.Cl. C07D 498/20 (2006.01) A61K 31/439 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **QUINUCLIDINE COMPOUNDS AS ALPHA-7 NICOTINIC ACETYLCHOLINE RECEPTOR LIGANDS**

[54] **COMPOSE DE QUINUCLIDINE COMME LIGANDS DU RECEPTEUR NICOTINIQUE ALPHA-7 DE L'ACETYLCHOLINE**

[72] COOK II, JAMES H., US  
[72] MCDONALD, IVAR M., US  
[72] KING, DALTON, US  
[72] OLSON, RICHARD E., US  
[72] WANG, NENGHUI, US  
[72] IWUAGWU, CHRISTIANA I., US  
[72] ZUSI, F. CHRISTOPHER, US  
[72] MACOR, JOHN E., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2012-04-27  
[86] 2009-10-29 (PCT/US2009/062492)  
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[11] **2,779,788**  
[13] C

[51] **Int.Cl. B27D 5/00 (2006.01) B27D 1/10 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING DIAGONAL PLYWOOD**  
[54] **METHODE DE FABRICATION DE CONTREPLAQUE A PLIS DIAGONAUX**  
[72] KOIKE, MASARU, JP  
[73] MEINAN MACHINERY WORKS, INC., JP  
[86] (2779788)  
[87] (2779788)  
[22] 2012-06-06  
[30] JP (P2011-139094) 2011-06-23

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[11] **2,780,431**  
[13] C

[51] **Int.Cl. A61B 10/02 (2006.01) C12M 1/26 (2006.01) G01N 27/00 (2006.01)**  
[25] EN  
[54] **CELL COLLECTING DEVICES AND METHODS FOR COLLECTING CELLS**  
[54] **DISPOSITIFS DE COLLECTE DE CELLULES ET PROCEDES DE COLLECTE DE CELLULES**  
[72] CASTRACANE, JAMES, US  
[72] RAJA, WASEEM KHAN, US  
[72] CONDEELIS, JOHN S., US  
[73] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[73] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US  
[85] 2012-05-09  
[86] 2010-11-19 (PCT/US2010/057400)  
[87] (WO2011/063218)  
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[11] **2,780,701**  
[13] C

[51] **Int.Cl. A47L 9/16 (2006.01)**  
[25] EN  
[54] **A SURFACE TREATING APPLIANCE**  
[54] **APPAREIL DE TRAITEMENT DE SURFACE**  
[72] FOLLOWS, THOMAS, GB  
[72] COURTNEY, STEPHEN, GB  
[72] GAMMACK, PETER DAVID, GB  
[73] DYSON TECHNOLOGY LIMITED, GB  
[85] 2012-05-11  
[86] 2010-11-11 (PCT/GB2010/051886)  
[87] (WO2011/058365)  
[30] GB (0919999.3) 2009-11-16  
[30] GB (0920000.7) 2009-11-16

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[11] **2,781,812**  
[13] C

[51] **Int.Cl. F16M 13/00 (2006.01) A47G 1/24 (2006.01) A47G 29/08 (2006.01) H04M 1/04 (2006.01)**  
[25] EN  
[54] **SHAPEABLE SUPPORT STAND**  
[54] **SUPPORT DEFORMABLE**  
[72] PICCOLO, JONATHAN A., US  
[73] WEDGEWORKS, LLC, US  
[85] 2012-06-04  
[86] 2010-12-03 (PCT/US2010/003084)  
[87] (WO2011/068541)  
[30] US (61/266,160) 2009-12-03  
[30] US (12/926,675) 2010-12-02

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[11] **2,782,250**  
[13] C

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS AND REAGENTS FOR IMPROVED DETECTION OF AMYLOID BETA PEPTIDES**  
[54] **PROCEDES ET REACTIFS POUR DETECTION AMELIOREE DE PEPTIDES BETA-AMYLOIDE**  
[72] SARASA BARRIO, JOSE MANUEL, ES  
[73] ARACLON BIOTECH, S.L., ES  
[85] 2012-05-29  
[86] 2010-12-13 (PCT/EP2010/069474)  
[87] (WO2011/070174)  
[30] EP (09382279.9) 2009-12-11

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[11] **2,782,275**  
[13] C

[51] **Int.Cl. G01C 25/00 (2006.01) B64G 1/36 (2006.01)**  
[25] EN  
[54] **MODIFIED KALMAN FILTER FOR GENERATION OF ATTITUDE ERROR CORRECTIONS**  
[54] **FILTRE DE KALMAN MODIFIE POUR LA GENERATION DE CORRECTIONS D'ERREUR D'ATTITUDE**  
[72] LI, RONGSHENG, US  
[72] TSAO, TUNG-CHING, US  
[72] NAYAK, ARUNKUMAR P., US  
[73] THE BOEING COMPANY, US  
[86] (2782275)  
[87] (2782275)  
[22] 2012-07-06  
[30] US (13/251,785) 2011-10-03

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[11] **2,782,434**  
[13] C

[51] **Int.Cl. C09K 8/70 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **THERMALLY STABLE, NONIONIC FOAMING AGENT FOR FOAM FRACTURING FLUIDS**  
[54] **AGENT MOUSSANT THERMIQUEMENT STABLE ET NON IONIQUE POUR MOUSSE-LIQUIDE DE FRACTURATION**  
[72] HARRIS, PHILLIP C., US  
[72] HOLTSCRAW, JEREMY, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[86] (2782434)  
[87] (2782434)  
[22] 2012-07-03  
[30] US (13/190,523) 2011-07-26

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[13] C

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[25] EN  
[54] **ANCHOR SYSTEM FOR SECURING A CONCRETE WALL PANEL TO A SUPPORTING CONCRETE FOUNDATION**  
[54] **SYSTEME D'ANCRAGE POUR FIXER UN PANNEAU MURAL EN BETON A UNE FONDATION EN BETON**  
[72] TINCHER, TERRY J., US  
[72] FOLEY, ROBERT P., US  
[73] CONNECT-EZ, LLC, US  
[86] (2782912)  
[87] (2782912)  
[22] 2012-07-11  
[30] US (13/136,414) 2011-08-01

[11] **2,783,270**  
[13] C

- [51] **Int.Cl. H04N 5/76 (2006.01) H04N 5/92 (2006.01) H04N 9/82 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECORDING TELEVISION CONTENT**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ENREGISTRER UN CONTENU DE TELEVISION**  
[72] MEARE, DAVID, GB  
[73] ELDON TECHNOLOGY LIMITED, GB  
[85] 2012-06-05  
[86] 2010-12-07 (PCT/EP2010/069108)  
[87] (WO2011/070036)  
[30] US (12/631,923) 2009-12-07

[11] **2,783,399**  
[13] C

- [51] **Int.Cl. E21B 43/26 (2006.01)**  
[25] EN  
[54] **METHOD FOR INCREASING FRACTURE AREA**  
[54] **PROCEDE PERMETTANT D'AUGMENTER LA ZONE DE FRACTURE**  
[72] SUAREZ-RIVERA, ROBERTO, US  
[72] WILLBERG, DEAN MICHAEL, US  
[72] LESKO, TIMOTHY M., US  
[72] THIERCELIN, MARC J. (DECEASED), US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-06-06  
[86] 2010-09-29 (PCT/IB2010/054404)  
[87] (WO2011/070453)  
[30] US (61/282,061) 2009-12-09

[11] **2,783,495**  
[13] C

- [51] **Int.Cl. B02C 17/18 (2006.01) B02C 23/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DELIVERING A GRINDING MEDIA TO A GRINDING MILL**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSMETTRE UN MOYEN DE BROYAGE A UN BROYEUR**  
[72] WOODALL, PETER CHARLES, AU  
[72] BARNS, KATIE ELIZABETH, NZ  
[72] VILLADOLID, VOLTAIRE, AU  
[73] GLENCORE TECHNOLOGY PTY LTD, AU  
[85] 2012-06-06  
[86] 2010-12-10 (PCT/AU2010/001675)  
[87] (WO2011/072324)  
[30] AU (2009906090) 2009-12-14

[11] **2,783,890**  
[13] C

- [51] **Int.Cl. F16L 11/08 (2006.01)**  
[25] EN  
[54] **AN UNBONDED, FLEXIBLE PIPE**  
[54] **TUYAU FLEXIBLE NON COLLE**  
[72] CHRISTENSEN, CLAUS DENCKER, DK  
[72] PROCIDA, INGER-MARGRETE, DK  
[72] CHRISTENSEN, MARTIN DAMGAARD, DK  
[73] NATIONAL OILWELL VARCO DENMARK I/S, DK  
[85] 2012-06-11  
[86] 2010-12-13 (PCT/DK2010/050336)  
[87] (WO2011/072690)  
[30] DK (PA 2009 01328) 2009-12-15  
[30] DK (PA 2010 01020) 2010-11-09

[11] **2,784,907**  
[13] C

- [51] **Int.Cl. H04N 5/232 (2006.01) H04N 5/262 (2006.01) H04N 7/18 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ANALYZING EVENT DATA**  
[54] **SYSTEMES ET PROCEDES D'ANALYSE DE DONNEES D'EVENEMENT**  
[72] DEANGELIS, DOUGLAS J., US  
[72] SIGEL, KIRK M., US  
[72] EVANSEN, EDWARD G., US  
[73] ISOLYNX, LLC, US  
[85] 2012-06-18  
[86] 2011-01-05 (PCT/US2011/020232)  
[87] (WO2011/085008)  
[30] US (61/292,386) 2010-01-05

[11] **2,784,956**  
[13] C

- [51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR REMOTELY CONTROLLING A MEDIA SERVER VIA A NETWORK**  
[54] **SYSTEMES ET PROCEDES DE COMMANDE A DISTANCE D'UN SERVEUR MULTIMEDIA PAR L'INTERMEDIAIRE D'UN RESEAU**  
[72] PAUL, JOHN, US  
[72] CAGNEY, MYLES, US  
[72] HENNESSY, PETER MARK, US  
[73] SLING MEDIA INC., US  
[85] 2012-06-19  
[86] 2010-12-16 (PCT/US2010/060797)  
[87] (WO2011/079021)  
[30] US (12/645,870) 2009-12-23

[11] **2,786,635**  
[13] C

- [51] **Int.Cl. H04W 72/04 (2009.01)**  
[25] EN  
[54] **METHOD, DEVICE, AND SYSTEM FOR SENDING SIGNAL**  
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'EMISSION DE SIGNAUX**  
[72] GONG, ZHENGWEI, CN  
[72] LI, QI, CN  
[73] HUawei TECHNOLOGIES CO., LTD., CN  
[85] 2012-07-06  
[86] 2011-01-07 (PCT/CN2011/070086)  
[87] (WO2011/082682)  
[30] CN (201010003162.2) 2010-01-08

[11] **2,788,489**  
[13] C

- [51] **Int.Cl. B05B 1/18 (2006.01)**  
[25] EN  
[54] **LOW-SPEED PULSATING SHOWERHEAD**  
[54] **POMME DE DOUCHE PULSATOIRE A FAIBLE VITESSE**  
[72] LEBER, LELAND C., US  
[73] WATER PIK, INC., US  
[85] 2012-07-27  
[86] 2011-01-27 (PCT/US2011/022777)  
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[30] US (12/695,612) 2010-01-28

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[13] C

[51] **Int.Cl. G08G 1/097 (2006.01) G08G 1/081 (2006.01) G08G 1/087 (2006.01) G08G 1/13 (2006.01)**

[25] EN

[54] **MONITORING AND DIAGNOSTICS OF TRAFFIC SIGNAL PREEMPTION CONTROLLERS**

[54] **SURVEILLANCE ET DIAGNOSTIC DE CONTROLEURS DE PREEMPTION DE FEUX DE SIGNALISATION**

[72] JOHNSON, DAVID RANDAL, US

[73] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US

[85] 2012-08-03

[86] 2011-02-11 (PCT/US2011/024424)

[87] (WO2011/100486)

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[11] **2,790,096**  
[13] C

[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/512 (2006.01) C09K 8/88 (2006.01)**

[25] EN

[54] **SALT OF WEAK BASE AND ACID AS GELATION RETARDER FOR CROSSLINKABLE POLYMER COMPOSITIONS**

[54] **SEL DE BASE FAIBLE ET D'ACIDE EN TANT QUE RETARDATEUR DE GELIFICATION POUR COMPOSITIONS POLYMERES RETICULABLES**

[72] REDDY, BAIRREDDY RAGHAVA, US

[72] EOFF, LARRY STEVEN, US

[72] VASQUEZ, JULIO ESTUARDO, US

[72] DALRYMPLE, ELDON DWYANN, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-08-16

[86] 2011-03-03 (PCT/GB2011/000296)

[87] (WO2011/107743)

[30] US (12/716,979) 2010-03-03

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[13] C

[51] **Int.Cl. B23P 15/28 (2006.01) B23C 5/16 (2006.01) B23P 15/32 (2006.01) B23P 15/34 (2006.01)**

[25] EN

[54] **COMPOSITE CUTTING / MILLING TOOL HAVING DIFFERING CUTTING ELEMENTS AND METHOD FOR MAKING THE SAME**

[54] **OUTIL DE COUPE/FRAISAGE COMPOSITE AYANT DIFFERENTS ELEMENTS DE COUPE ET SON PROCEDE DE FABRICATION**

[72] LYNDE, GERALD D, US

[72] MCNICOL, JAMES, US

[73] BAKER HUGHES INCORPORATED, US

[85] 2012-08-20

[86] 2011-02-22 (PCT/US2011/025706)

[87] (WO2011/103566)

[30] US (12/709,930) 2010-02-22

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[11] **2,790,857**  
[13] C

[51] **Int.Cl. B22D 41/00 (2006.01)**

[25] EN

[54] **FIREPROOF CERAMIC IMPACT PAD**

[54] **CUVE D'AMORTISSEMENT CERAMIQUE REFRACTAIRE**

[72] SORGER, ROBERT, AT

[72] JANKO, WILHELM, AT

[72] TRUMMER, BERND, AT

[72] HACKL, GERNOT, AT

[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT

[85] 2012-08-22

[86] 2011-07-01 (PCT/EP2011/061119)

[87] (WO2012/010399)

[30] EP (10007442.6) 2010-07-19

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[11] **2,790,951**  
[13] C

[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) A01N 25/32 (2006.01) A01N 43/40 (2006.01) A01P 13/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/60 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **WHEAT PLANTS HAVING INCREASED RESISTANCE TO IMIDAZOLINONE HERBICIDES**

[54] **PLANTS DE BLE PRESENTANT UNE RESISTANCE ACCRUE AUX HERBICIDES A BASE D'IMIDAZOLINONE**

[72] POZNIAK, CURTIS J., CA

[72] HUCL, PIERRE, CA

[73] UNIVERSITY OF SASKATCHEWAN, CA

[86] (2790951)

[87] (2790951)

[22] 2002-07-10

[62] 2,456,314

[30] US (60/311,282) 2001-08-09

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[11] **2,791,717**  
[13] C

[51] **Int.Cl. A47L 9/28 (2006.01) A47L 5/24 (2006.01) A47L 9/00 (2006.01)**

[25] EN

[54] **A BATTERY-POWERED VACUUM CLEANER**

[54] **UN ASPIRATEUR A BATTERIE**

[72] SMITH, KEVIN, GB

[73] BLACK & DECKER INC., US

[86] (2791717)

[87] (2791717)

[22] 2012-10-09

[30] EP (11 184 791.9) 2011-10-12

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[11] **2,792,309**  
[13] C

[51] **Int.Cl. F16C 11/06 (2006.01) B60G 7/00 (2006.01) F16C 25/04 (2006.01)**

[25] EN

[54] **BALL JOINT FOR AUTOMOTIVE SUSPENSION**

[54] **JOINT SPHERIQUE POUR SUSPENSION AUTOMOBILE**

[72] MEVORACH, EZER, CA

[72] LUIZ, ROSAN, CA

[73] MEVOTECH LP, CA

[86] (2792309)

[87] (2792309)

[22] 2012-10-12

[30] US (13/296,590) 2011-11-15

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[11] **2,792,355**  
[13] C

- [51] **Int.Cl. B01D 11/02 (2006.01) B01F 1/00 (2006.01) B01F 3/04 (2006.01)**  
[25] EN  
[54] **EXTRACTION METHOD USING ULTRA FINE BUBBLES AND LIQUID EXTRACTS OBTAINED THEREOF**  
[54] **PROCEDE D'EXTRACTION UTILISANT DES MICROBULLES ET UN LIQUIDE D'EXTRACTION**  
[72] TSUJI, HIDEYASU, JP  
[72] TSUJI, YASUHIRO, JP  
[72] OKA, TORU, JP  
[72] MIYAO, HARUKA, JP  
[72] LIAUW, DENNY, SG  
[73] LIGARIC CO., LTD., JP  
[73] SUNSTAR ENGINEERING INC., JP  
[85] 2012-09-06  
[86] 2011-03-03 (PCT/JP2011/054903)  
[87] (WO2011/111600)  
[30] JP (2010-051146) 2010-03-08

[11] **2,794,599**  
[13] C

- [51] **Int.Cl. A61B 1/07 (2006.01) A61B 5/00 (2006.01) G02B 23/24 (2006.01) G02B 27/09 (2006.01)**  
[25] EN  
[54] **MINIATURE OPTICAL ELEMENTS FOR FIBER-OPTIC BEAM SHAPING**  
[54] **ELEMENTS OPTIQUES MINIATURES POUR LA MISE EN FORME D'UN FAISCEAU DE FIBRE OPTIQUE**  
[72] ADLER, DESMOND, US  
[72] MCCARTIN, STEPHEN, US  
[72] PETERSEN, CHRISTOPHER, US  
[72] SCHMITT, JOSEPH, US  
[73] LIGHTLAB IMAGING, INC., US  
[85] 2012-09-26  
[86] 2010-12-09 (PCT/US2010/059733)  
[87] (WO2011/133187)  
[30] US (12/765,501) 2010-04-22

[11] **2,794,732**  
[13] C

- [51] **Int.Cl. H04L 1/00 (2006.01) H04W 28/06 (2009.01) H04W 28/26 (2009.01) H04W 48/08 (2009.01) H04W 72/12 (2009.01)**  
[25] EN  
[54] **CHANNEL STATE INFORMATION REPORTING IN A WIRELESS COMMUNICATION NETWORK**  
[54] **RAPPORT D'INFORMATIONS D'ETAT DE CANAL DANS RESEAU DE COMMUNICATION SANS FIL**  
[72] BARBIERI, ALAN, US  
[72] JI, TINGFANG, US  
[72] XU, HAO, US  
[72] LUO, TAO, US  
[72] MALLADI, DURGA PRASAD, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2012-09-26  
[86] 2011-04-13 (PCT/US2011/032297)  
[87] (WO2011/130393)  
[30] US (61/323,829) 2010-04-13  
[30] US (13/084,959) 2011-04-12

[11] **2,797,550**  
[13] C

- [51] **Int.Cl. F16C 7/00 (2006.01) B29C 70/76 (2006.01) B29C 70/86 (2006.01)**  
[25] EN  
[54] **CARBON-FIBRE-REINFORCED PLASTIC DRAW-PULL BAR**  
[54] **TIGE DE TRACTION-COMPRESSION EN PLASTIQUE RENFORCE PAR DES FIBRES DE CARBONE**  
[72] UHL, ALBERT, DE  
[73] GMT GUMMI-METALL-TECHNIK GMBH, DE  
[85] 2012-10-26  
[86] 2011-04-27 (PCT/EP2011/002095)  
[87] (WO2011/134644)  
[30] DE (20 2010 006 303.5) 2010-04-30

[11] **2,798,422**  
[13] C

- [51] **Int.Cl. E05F 1/12 (2006.01) E05F 3/12 (2006.01) E05F 3/20 (2006.01)**  
[25] EN  
[54] **DOOR CLOSING DEVICE**  
[54] **DISPOSITIF DE FERME-PORTE**  
[72] BONGIOVANNI, CLAUDIO, IT  
[73] INDUSTRIA CASEARIA SILVIO BELLADELLI S.R.L., IT  
[85] 2012-11-05  
[86] 2011-05-11 (PCT/IB2011/052069)  
[87] (WO2011/141880)  
[30] IT (VR2010A000101) 2010-05-11

[11] **2,798,878**  
[13] C

- [51] **Int.Cl. F25D 3/00 (2006.01) A23L 3/36 (2006.01) A47G 23/04 (2006.01) B65D 45/04 (2006.01) B65D 45/30 (2006.01) B65D 53/02 (2006.01) B65D 53/04 (2006.01) B65D 55/08 (2006.01) B65D 81/38 (2006.01) F25D 3/02 (2006.01) F25D 3/06 (2006.01) F25D 23/06 (2006.01)**  
[25] EN  
[54] **IMPROVED METHOD AND CUP FOR OPERATION OF FROZEN BEVERAGE DEVICE**  
[54] **PROCEDE AMELIORE ET TASSE UTILES DANS UN DISPOSITIF DE BOISSON GLACEE**  
[72] BUCCERI, ALFIO, AU  
[73] CHILL FACTOR GLOBAL PTY LTD, AU  
[85] 2012-11-08  
[86] 2012-02-22 (PCT/AU2012/000169)  
[87] (WO2012/113025)  
[30] AU (2011900582) 2011-02-21

[11] **2,798,913**  
[13] C

- [51] **Int.Cl. B01J 19/06 (2006.01) A61K 8/02 (2006.01) A61K 9/00 (2006.01) C09D 11/02 (2014.01) C09K 3/32 (2006.01)**  
[25] EN  
[54] **ORGANOGELE COMPOSITIONS COMPRISING ALKYLATED AROMATIC ACIDS**  
[54] **COMPOSITIONS D'ORGANOGELE COMPRENANT DES ACIDES AROMATIQUES ALKYLATES**  
[72] MAKEIFF, DARREN, CA  
[72] CARLINI, RINA, CA  
[73] XEROX CORPORATION, US  
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[86] (2798913)  
[87] (2798913)  
[22] 2012-12-14  
[30] US (13/327,655) 2011-12-15

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[13] C

[51] **Int.Cl. C12N 15/32 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/325 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 5/04 (2006.01)**

[25] EN

[54] **NOVEL BACILLUS THURINGIENSIS CRYSTAL POLYPEPTIDES, POLYNUCLEOTIDES, AND COMPOSITIONS THEREOF**

[54] **NOUVEAUX POLYPEPTIDES CRISTAL BACILLUS THURINGIENSIS, POLYNUCLEOTIDES CODANT POUR CES POLYPEPTIDES ET COMPOSITIONS LES RENFERMANT**

[72] BERMUDEZ, ERICKA, US  
[72] EMIG, ROBIN, US  
[72] MCBRIDE, KEVIN, US  
[72] YAMAMOTO, TAKASHI, US  
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2799245)  
[87] (2799245)  
[22] 2005-02-25  
[62] 2,556,736  
[30] US (60/547,664) 2004-02-25

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[11] **2,799,278**  
[13] C

[51] **Int.Cl. B01D 45/02 (2006.01) B08B 9/093 (2006.01) E21B 43/34 (2006.01)**

[25] EN

[54] **DESANDING APPARATUS AND SYSTEM**

[54] **DISPOSITIF ET SYSTEME DESSABLEUR**

[72] HEMSTOCK, CHRISTOPHER A., CA  
[73] SPECIALIZED DESANDERS INC., CA

[86] (2799278)  
[87] (2799278)  
[22] 2012-12-19  
[30] US (13/372,291) 2012-02-13

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[11] **2,799,641**  
[13] C

[51] **Int.Cl. A61L 27/34 (2006.01) A61L 29/08 (2006.01) A61L 31/10 (2006.01)**

[25] EN

[54] **ARTICLES HAVING NON-FOULING SURFACES AND PROCESSES FOR PREPARING THE SAME INCLUDING APPLYING A PRIMER COAT**

[54] **ARTICLES AYANT DES SURFACES NE S'ENCRASSANT PAS ET LEURS PROCEDES DE PREPARATION COMPRENANT L'APPLICATION DE COUCHE PRIMAIRE**

[72] SCHULTZ, KAREN ANN, US  
[72] ZHANG, ZHENG, US  
[72] HUVAL, CHAD C., US  
[72] BOUCHARD, MICHAEL A., US  
[72] LOOSE, CHRISTOPHER R., US  
[73] ARROW INTERNATIONAL, INC., US

[85] 2012-11-15  
[86] 2011-06-09 (PCT/US2011/039815)  
[87] (WO2011/156612)  
[30] US (61/353,200) 2010-06-09

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[11] **2,801,701**  
[13] C

[51] **Int.Cl. B64C 1/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SUPPORTING A LOAD ACROSS A PLURALITY OF NON-INTERSECTING BEAMS**

[54] **SYSTEME ET PROCEDE DE SOUTIEN D'UNE CHARGE EN TRAVERS D'UNE PLURALITE DE POUTRES NON CONCOURANTES**

[72] ANAST, PETER Z., US  
[72] HANSKEN, RICKIE, US  
[73] THE BOEING COMPANY, US

[85] 2012-12-04  
[86] 2011-07-07 (PCT/US2011/043247)  
[87] (WO2012/021228)  
[30] US (12/854,731) 2010-08-11

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[11] **2,801,957**  
[13] C

[51] **Int.Cl. F16D 27/105 (2006.01) A01C 7/20 (2006.01) F16D 13/08 (2006.01) F16D 13/58 (2006.01)**

[25] EN

[54] **WRAP SPRING CLUTCH ACTUATOR AND METHODS FOR SAME**

[54] **ACTIONNEUR D'EMBRAYAGE A RESSORT ENROULE ET PROCEDES POUR CELUI-CI**

[72] WAGERS, JESSE, UA  
[73] RAVEN INDUSTRIES, INC., US

[86] (2801957)  
[87] (2801957)  
[22] 2013-01-07  
[30] US (61/585,011) 2012-01-10  
[30] US (13/491,406) 2012-06-07

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[11] **2,803,400**  
[13] C

[51] **Int.Cl. H02H 9/02 (2006.01) B64D 41/00 (2006.01) H02J 5/00 (2016.01)**

[25] EN

[54] **SUBTRANSIENT CURRENT SUPPRESSION**

[54] **SUPPRESSION DE COURANTS SUBTRANSITOIRES**

[72] HOLLEY, ROBERT D., US  
[72] CURRIER, THOMAS F., US  
[72] SOLODOVNIK, EUGENE, US  
[72] NOZARI, FARHAD, US  
[73] THE BOEING COMPANY, US

[86] (2803400)  
[87] (2803400)  
[22] 2013-01-22  
[30] US (US 13/457061) 2012-04-26

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[11] **2,803,521**  
[13] C

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/06 (2006.01)**

[25] EN

[54] **HYDRAULIC COMPOSITION**

[54] **COMPOSITION HYDRAULIQUE A PRISE RETARDEE**

[72] GUISE, LIAM, FR  
[72] SABIO, SERGE, FR  
[72] LOMBOIS-BURGER, HELENE, FR  
[72] FERREINT, LILIAN, FR  
[73] LAFARGE, FR

[85] 2012-12-20  
[86] 2011-06-23 (PCT/FR2011/051450)  
[87] (WO2011/161382)  
[30] FR (1055064) 2010-06-24

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

[51] **Int.Cl. C04B 28/02 (2006.01) B28C 5/02 (2006.01) B28C 5/42 (2006.01) B28C 7/16 (2006.01) C04B 40/06 (2006.01)**

[25] EN

[54] **PROCESS FOR TRANSPORTATION OF A HYDRAULIC COMPOSITION**

[54] **PROCEDE DE TRANSPORT D'UNE COMPOSITION HYDRAULIQUE**

[72] SABIO, SERGE, FR

[72] LOMBOIS-BURGER, HELENE, FR

[72] JONNEKIN, ARNAUD, FR

[72] LABYAD, ABDELAZIZ, FR

[73] LAFARGE, FR

[85] 2012-12-20

[86] 2011-06-23 (PCT/FR2011/051451)

[87] (WO2011/161383)

[30] FR (1055067) 2010-06-24

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[11] **2,803,860**  
[13] C

[51] **Int.Cl. H04W 24/10 (2009.01)**

[25] EN

[54] **RADIO COMMUNICATION METHOD AND RADIO COMMUNICATION APPARATUS**

[54] **PROCEDE DE COMMUNICATION SANS FIL ET DISPOSITIF DE COMMUNICATION SANS FIL**

[72] YANO, TETSUYA, JP

[72] KAWASAKI, YOSHIHIRO, JP

[72] OHTA, YOSHIKI, JP

[72] OBUCHI, KAZUHISA, JP

[73] FUJITSU LIMITED, JP

[85] 2012-12-21

[86] 2010-06-21 (PCT/JP2010/060429)

[87] (WO2011/161744)

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[11] **2,803,957**  
[13] C

[51] **Int.Cl. E21B 33/08 (2006.01)**

[25] EN

[54] **PROFILED OILFIELD SEAL AND RELATED APPARATUS AND METHOD**

[54] **JOINT D'ETANCHEITE PROFILE POUR L'EXPLOITATION PETROLIERE ET APPAREIL ET METHODE ASSOCIES**

[72] BAILEY, THOMAS F., US

[72] TILTON, FREDERICK THOMAS, US

[72] HANNEGAN, DON M., US

[72] ANDERSON, WAYBOURN J., JR, US

[72] HARRALL, SIMON JOHN, US

[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[85] 2012-12-27

[86] 2011-06-28 (PCT/GB2011/051219)

[87] (WO2012/001402)

[30] US (12/824,934) 2010-06-28

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[11] **2,804,172**  
[13] C

[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/64 (2006.01)**

[25] EN

[54] **FLAT RHEOLOGY WELLBORE FLUID**

[54] **FLUIDE DE PUIITS DE FORAGE A RHEOLOGIE PLATE**

[72] RIFE, NATHAN, US

[72] YOUNG, STEVEN, US

[72] LEE, LIJEIN, US

[73] M-I L.L.C., US

[85] 2012-12-28

[86] 2011-06-30 (PCT/US2011/042606)

[87] (WO2012/003325)

[30] US (61/360,391) 2010-06-30

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[11] **2,805,268**  
[13] C

[51] **Int.Cl. G05D 23/19 (2006.01) H02J 9/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR POWER STEALING**

[54] **SYSTEMES ET METHODES DE DETOURNEMENT D'ALIMENTATION**

[72] TOTH, BARTHOLOMEW L., US

[72] ZHU, XIAOBING, US

[73] EMERSON ELECTRIC CO., US

[86] (2805268)

[87] (2805268)

[22] 2013-02-07

[30] US (13/409,985) 2012-03-01

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[11] **2,806,498**  
[13] C

[51] **Int.Cl. B29D 11/00 (2006.01) B29C 33/38 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **OPHTHALMIC DEVICE MOLDS FORMED FROM HIGHLY AMORPHOUS VINYL ALCOHOL POLYMER, OPHTHALMIC DEVICES MOLDED THEREIN, AND RELATED METHODS**

[54] **MOULES POUR DISPOSITIFS OPHTHALMIQUES FORMES A PARTIR D'UN POLYMERE D'ALCOOL VINYLIQUE HAUTEMENT AMORPHE, DISPOSITIFS OPHTHALMIQUES MOULES DANS CEUX-CI ET PROCEDES APPARENTES**

[72] GOODENOUGH, NEIL, GB

[72] MORSLEY, DAVID ROBERT, GB

[72] BRUCE, IAN, GB

[72] BIALEK, EDYTA S., GB

[72] NORRIS, LEE DARREN, GB

[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB

[85] 2013-01-24

[86] 2011-06-13 (PCT/GB2011/051099)

[87] (WO2012/013944)

[30] US (61/369,116) 2010-07-30

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[11] **2,807,055**  
[13] C

[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/08 (2006.01)**

[25] EN

[54] **INTERCEPTING KEY SESSIONS**

[54] **GESTION DE CLES DE SESSION**

[72] ZAVERUCHA, GREGORY MARC, US

[72] CAMPAGNA, MATTHEW JOHN, US

[73] CERTICOM CORP., CA

[86] (2807055)

[87] (2807055)

[22] 2013-02-22

[30] US (61/607,681) 2012-03-07

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[11] **2,807,589**  
[13] C

[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/4178 (2006.01) A61K 31/4725 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **COMBINATIONS OF HEPATITIS C VIRUS INHIBITORS**

[54] **COMBINAISONS D'INHIBITEURS DU VIRUS DE L'HEPATITE C**

[72] GAO, MIN, US

[72] GARDINER, DAVID F., US

[72] LEMM, JULIE A., US

[72] MCPHEE, FIONA, US

[72] VOSS, STACEY A., US

[73] BRISTOL-MYERS SQUIBB HOLDINGS IRELAND, CH

[85] 2013-02-05

[86] 2011-08-02 (PCT/US2011/046285)

[87] (WO2012/018829)

[30] US (61/371,399) 2010-08-06

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[11] **2,807,824**  
[13] C

[51] **Int.Cl. C08L 83/04 (2006.01) C08L 33/00 (2006.01) C09D 133/00 (2006.01) C09D 183/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING AUTOMOTIVE SURFACES**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE SURFACES D'AUTOMOBILES**

[72] SEROBIAN, ASHOT K., US

[73] THE ARMOR ALL/STP PRODUCTS COMPANY, US

[85] 2013-02-06

[86] 2012-03-27 (PCT/US2012/030691)

[87] (WO2012/135187)

[30] US (13/076,847) 2011-03-31

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[11] **2,808,367**  
[13] C

[51] **Int.Cl. G06F 3/06 (2006.01) G06F 13/10 (2006.01)**

[25] EN

[54] **STORAGE SYSTEM IMPLEMENTED USING OPTIMIZED PARALLEL PROCESSORS**

[54] **SYSTEME DE STOCKAGE MIS EN OEUVRE AU MOYEN DE PROCESSEURS PARALLELES OPTIMISES**

[72] SKOWRON, PIOTR, PL

[72] BISKUP, MAREK, PL

[72] HELDT, LUKASZ, PL

[72] DUBNICKI, CEZARY, PL

[73] NEC CORPORATION, JP

[85] 2013-02-14

[86] 2011-08-25 (PCT/JP2011/004719)

[87] (WO2012/029259)

[30] US (61/378,739) 2010-08-31

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[11] **2,808,456**  
[13] C

[51] **Int.Cl. H04W 36/00 (2009.01) H04W 84/04 (2009.01)**

[25] EN

[54] **BASE STATION APPARATUSES, MOBILITY MANAGEMENT ENTITY, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR INFORMING A CORE NETWORK OF THE SUBSCRIBER ACCESS GROUP OF A TARGET CELL IN THE COURSE OF A X2 HANDOVER PROCEDURE**

[54] **APPAREILS FORMANT STATION DE BASE, ENTITE DE GESTION DE LA MOBILITE, SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE POUR INFORMER UN COEUR D RESEAU DU GROUPE D'ACCES D'ABONNE D'UNE CELLULE CIBLE DURANT LA REALISAETION D'UNE PROCEDURE DE TRANSFERT INTERCELLULAIRE X2**

[72] JHA, VIVEK, JP

[73] NEC CORPORATION, JP

[85] 2013-02-15

[86] 2011-11-02 (PCT/JP2011/075881)

[87] (WO2012/060467)

[30] GB (1018633.6) 2010-11-04

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[11] **2,809,451**  
[13] C

[51] **Int.Cl. F16B 1/02 (2006.01) B64C 3/56 (2006.01) G05G 5/00 (2006.01)**

[25] EN

[54] **LATCHING APPARATUS AND METHODS**

[54] **APPAREIL ET METHODES DE VERRROUILLAGE**

[72] KORDEL, JAN A., US

[72] GOOD, MARK S., US

[73] THE BOEING COMPANY, US

[86] (2809451)

[87] (2809451)

[22] 2013-03-14

[30] US (13/493,688) 2012-06-11

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[11] **2,809,562**  
[13] C

[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/02 (2009.01) H04W 12/02 (2009.01)**

[25] EN

[54] **AUTHENTICATION SERVER AND METHODS FOR GRANTING TOKENS COMPRISING LOCATION DATA**

[54] **SERVEUR D'AUTHENTIFICATION ET PROCEDES D'OCTROI DE JETONS CONTENANT DES DONNEES DE LOCALISATION**

[72] BROWN, ANDREW JAMES GUY, CA

[72] FOGEL, CHRISTOPHER M., CA

[72] PARRY, THOMAS OWEN, CA

[73] BLACKBERRY LIMITED, CA

[86] (2809562)

[87] (2809562)

[22] 2013-03-14

[30] EP (12160877.2) 2012-03-22

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[11] **2,810,371**  
[13] C

[51] **Int.Cl. H01L 33/18 (2010.01) H01L 33/34 (2010.01) H01L 31/028 (2006.01) H01L 31/0312 (2006.01) H01L 31/036 (2006.01)**

[25] EN

[54] **AN OPTOELECTRONIC DEVICE COMPRISING NANOSTRUCTURES OF HEXAGONAL TYPE CRYSTALS**

[54] **DISPOSITIF OPTOELECTRONIQUE COMPRENANT DES NANOSTRUCTURES DE CRISTAUX DE TYPE HEXAGONAL**

[72] GUILLEMOLES, JEAN-FRANCOIS, FR

[72] OLSSON, PAR, SE

[72] VIDAL, JULIEN, FR

[72] FREUNDLICH, ALEXANDRE, US

[73] ELECTRICITE DE FRANCE, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[73] UNIVERSITY OF HOUSTON, US

[85] 2013-03-04

[86] 2010-09-09 (PCT/US2010/048242)

[87] (WO2012/033493)

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[11] **2,810,578**  
[13] C

[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/30 (2006.01) A01N 43/40 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC PARAFFINIC OIL AND BOSCALID FUNGICIDES**

[54] **HUILE PARAFFINIQUE SYNERGIQUE ET FONGICIDES DE BOSCALIDE**

[72] FEFER, MICHAEL, CA

[72] LIU, JUN, CA

[73] SUNCOR ENERGY INC., CA

[85] 2013-03-06

[86] 2011-09-09 (PCT/CA2011/001018)

[87] (WO2012/031355)

[30] US (61/381179) 2010-09-09

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[11] **2,812,011**  
[13] C

[51] **Int.Cl. H04W 52/02 (2009.01) G06F 1/32 (2006.01) G06F 3/00 (2006.01) G09G 3/34 (2006.01)**

[25] EN

[54] **AUTOMATED RESPONSE TO AND SENSING OF USER ACTIVITY IN PORTABLE DEVICES**

[54] **REPONSE AUTOMATIQUE A UNE ACTIVITE D'UTILISATEUR ET DETECTION DE L'ACTIVITE D'UN UTILISATEUR DANS DES DISPOSITIFS PORTABLES**

[72] HUPPI, BRIAN, US

[72] FADELL, ANTHONY M., US

[72] BARRENTINE, DEREK, US

[72] FREEMAN, DANIEL, US

[73] APPLE INC., US

[86] (2812011)

[87] (2812011)

[22] 2007-10-19

[62] 2,666,438

[30] US (11/586,862) 2006-10-24

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[11] **2,812,989**  
[13] C

[51] **Int.Cl. H01H 69/01 (2006.01)**

[25] EN

[54] **MEASURING DEVICE FOR CHECKING AN ELECTRICAL CIRCUIT BREAKER**

[54] **DISPOSITIF DE MESURE POUR VERIFIER UN DISJONCTEUR ELECTRIQUE**

[72] KLAPPER, ULRICH, AT

[73]OMICRON ELECTRONICS GMBH, AT

[86] (2812989)

[87] (2812989)

[22] 2013-04-16

[30] EP (12 003 725.4) 2012-05-10

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[11] **2,813,384**  
[13] C

[51] **Int.Cl. H01L 21/20 (2006.01)**

[25] EN

[54] **DIRECT WAFER BONDING**

[54] **ASSEMBLAGE DIRECT DE TRANCHES**

[72] BHUSARI, DHANANJAY M., US

[72] LAW, DANIEL C., US

[73] THE BOEING COMPANY, US

[85] 2013-04-02

[86] 2011-09-21 (PCT/US2011/052621)

[87] (WO2012/074596)

[30] US (12/960,248) 2010-12-03

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[11] **2,813,644**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01)**

[25] EN

[54] **PHRASE-BASED SEARCHING IN AN INFORMATION RETRIEVAL SYSTEM**

[54] **RECHERCHE PAR SYNTAGME DANS UN SYSTEME D'EXTRACTION D'INFORMATION**

[72] PATTERSON, ANNA LYNN, US

[73] GOOGLE INC., US

[86] (2813644)

[87] (2813644)

[22] 2005-07-26

[62] 2,513,852

[30] US (10/900,041) 2004-07-26

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[11] **2,814,521**  
[13] C

[51] **Int.Cl. B44C 5/02 (2006.01) B21J 5/02 (2006.01) B41B 1/02 (2006.01) B41J 1/00 (2006.01) B41J 3/38 (2006.01)**

[25] EN

[54] **METHODS AND A DIE FOR FORMING AN INDICIA GROOVE ON A HAND TOOL AND A HAND TOOL WITH AN INDICIA GROOVE**

[54] **PROCEDES ET MATRICE POUR FORMER UNE RAINURE DE MARQUAGE SUR UN OUTIL A MAIN ET OUTIL A MAIN PORTANT UNE RAINURE DE MARQUAGE**

[72] HU, BOBBY, TW

[73] HU, BOBBY, TW

[86] (2814521)

[87] (2814521)

[22] 2013-04-30

[30] TW (101119776) 2012-06-01

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[11] **2,815,489**  
[13] C

[51] **Int.Cl. B64C 1/12 (2006.01) F16B 5/01 (2006.01) F16B 5/06 (2006.01)**

[25] EN

[54] **COMPOSITE STRUCTURAL PANELS AND AIRCRAFT FUSELAGES**

[54] **PANNEAUX STRUCTURAUX COMPOSITES ET FUSELAGES D'AERONEF**

[72] CARDIN, RACHEL, US

[73] THE BOEING COMPANY, US

[86] (2815489)

[87] (2815489)

[22] 2013-05-09

[30] US (13/528,553) 2012-06-20

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[11] **2,816,065**  
[13] C

[51] **Int.Cl. G02B 6/00 (2006.01) F24J 2/06 (2006.01)**

[25] EN

[54] **COMPACT OPTICS FOR CONCENTRATION AND ILLUMINATION SYSTEMS**

[54] **OPTIQUE COMPACTE POUR SYSTEMES DE CONCENTRATION ET D'ECLAIRAGE**

[72] GHOSH, SHONDIP, US

[72] SCHULTZ, DAVID SHELDON, US

[72] MACK, JOHN HUNTER, US

[72] GRIMMER, CHRISTOPHER STEPHEN, US

[72] FINE, KEVIN RICHARD, US

[73] BANYAN ENERGY, INC., US

[85] 2013-04-25

[86] 2011-10-27 (PCT/US2011/058144)

[87] (WO2012/061204)

[30] US (12/939,348) 2010-11-04

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[11] **2,817,693**  
[13] C

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 10/42 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF CONFIGURING DRILLING TOOLS UTILIZING A CRITICAL DEPTH OF CUT CONTROL CURVE**

[54] **SYSTEME ET PROCEDE PERMETTANT DE CONFIGURER LES OUTILS DE FORAGE EN UTILISANT UNE PROFONDEUR CRITIQUE DE COURBE DE CONTROLE DE COUPE**

[72] CHEN, SHILIN, US

[72] ASHBY, JAMES R., US

[72] ARFELE, ROBERT W., US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-05-10

[86] 2011-11-10 (PCT/US2011/060173)

[87] (WO2012/064948)

[30] US (61/412,173) 2010-11-10

[30] US (61/416,160) 2010-11-22

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[11] **2,819,101**  
[13] C

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **INHALERS AND HOUSING CAPS FOR INHALERS**

[54] **INHALATEURS ET CAPUCHONS POUR BOITIERS D'INHALATEURS**

[72] ZUYDERHOUDT, KRIJN FRANCISCUS MARIE, NL

[73] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL

[85] 2013-05-27

[86] 2011-11-30 (PCT/EP2011/006000)

[87] (WO2012/072249)

[30] US (61/418,083) 2010-11-30

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[11] **2,819,509**  
[13] C

[51] **Int.Cl. A61F 13/511 (2006.01) A61F 13/537 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLE HAVING IMPROVED BONDING**

[54] **ARTICLE ABSORBANT AYANT UN SYSTEME DE LIAISON AMELIORE**

[72] GEILICH, RALF, DE

[72] CARLA, VITO, DE

[72] RAWAT, DIGVIJAY, US

[72] GLASSMEYER, RONDA LYNN, US

[72] CECCHETTO, PIETRO, US

[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US

[72] SEIB, CHRISTIAN, DE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-05-30

[86] 2011-12-01 (PCT/US2011/062829)

[87] (WO2012/075247)

[30] US (61/418,943) 2010-12-02

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[11] **2,819,827**  
[13] C

[51] **Int.Cl. A47B 81/00 (2006.01) A47B 96/00 (2006.01) G06F 1/20 (2006.01) H05K 7/20 (2006.01)**

[25] EN

[54] **JOBSITE STORAGE CABINET FOR HOUSING ELECTRONIC EQUIPMENT**

[54] **ARMOIRE DE RANGEMENT DE CHANTIER PERMETTANT DE LOGER DE L'EQUIPEMENT ELECTRONIQUE**

[72] BERGUM, ROBERT A., US

[72] PETERSON, GARY, US

[73] KNAACK LLC, US

[86] (2819827)

[87] (2819827)

[22] 2013-07-04

[30] US (13/555,834) 2012-07-23



**Brevets canadiens délivrés  
30 août 2016**

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[11] **2,820,074**  
[13] C

[51] **Int.Cl. H04B 7/14 (2006.01) H04W 56/00 (2009.01)**  
[25] EN  
[54] **FAST ACCESS ASYNCHRONOUS REPEATER WAKEUP PROTOCOL**  
[54] **PROTOCOLE DE REVEIL REPETITEUR ASYNCHRONE A ACCES RAPIDE**  
[72] KHAN, SHAKEEB Z., US  
[72] MEDVID, JOSEPH J., III, US  
[72] RUELKE, CHARLES R., US  
[72] YOUNG, RICHARD S., US  
[72] AVANIC, BRANKO L., US  
[72] CRUGER, LORENZO J., US  
[72] DINH, TAN V., US  
[72] EKANAYAKE, MAHES M., US  
[72] GONZALEZ, ARMANDO J., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2013-06-04  
[86] 2011-12-14 (PCT/US2011/064768)  
[87] (WO2012/082816)  
[30] US (12/968,443) 2010-12-15

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[11] **2,820,943**  
[13] C

[51] **Int.Cl. B64G 1/66 (2006.01) F02K 99/00 (2009.01) B64D 37/04 (2006.01) B64G 1/40 (2006.01)**  
[25] EN  
[54] **SPACECRAFT PROPELLANT TANK MOUNT**  
[54] **SUPPORT DE RESERVOIR DE PROPERGOL POUR ASTRONEF**  
[72] ASTON, RICHARD W., US  
[72] LANGMACK, MICHAEL JOHN, US  
[72] COPE, BRETT T., US  
[72] TOMZYNSKA, ANNA M., US  
[73] THE BOEING COMPANY, US  
[86] (2820943)  
[87] (2820943)  
[22] 2013-07-11  
[30] US (13/652,101) 2012-10-15

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[11] **2,821,545**  
[13] C

[51] **Int.Cl. H05B 37/02 (2006.01) G06F 17/16 (2006.01)**  
[25] EN  
[54] **CONTROLLED OPERATION OF A LED LIGHTING SYSTEM AT A TARGET OUTPUT COLOR**  
[54] **FONCTIONNEMENT COMMANDE D'UN SYSTEME D'ECLAIRAGE DEL PRODUISANT UNE COULEUR CIBLEE**  
[72] SISTO, MARCO MICHELE, CA  
[73] INSTITUT NATIONAL D'OPTIQUE, CA  
[86] (2821545)  
[87] (2821545)  
[22] 2013-07-19

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[11] **2,821,759**  
[13] C

[51] **Int.Cl. G01C 11/36 (2006.01)**  
[25] EN  
[54] **OBLIQUE GEOLOCATION AND MEASUREMENT SYSTEM**  
[54] **SYSTEME DE LOCALISATION GEOGRAPHIQUE ET DE MESURE A PARTIR D'IMAGES OBLIQUES**  
[72] SCHULTZ, STEPHEN, US  
[72] GIUFFRIDA, FRANK, US  
[72] GRAY, ROBERT, US  
[72] MONDELLO, CHARLES, US  
[73] PICTOMETRY INTERNATIONAL CORP., US  
[86] (2821759)  
[87] (2821759)  
[22] 2003-11-07  
[62] 2,505,566  
[30] US (60/425,275) 2002-11-08

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[11] **2,822,469**  
[13] C

[51] **Int.Cl. F16C 1/14 (2006.01) B60J 7/057 (2006.01)**  
[25] EN  
[54] **PITCHED CABLE HAVING A FLEXIBLE CORE AROUND WHICH A COIL IS WRAPPED**  
[54] **CABLE A PAS COMPRENANT UN NOYAU FLEXIBLE ENVELOPPE D'UNE SPIRE**  
[72] RODENHAUSER, ERNST, DE  
[73] GEMO D. G. MORITZ GMBH & CO. KG, DE  
[85] 2013-06-20  
[86] 2011-10-26 (PCT/EP2011/005394)  
[87] (WO2012/084082)  
[30] DE (10 2010 055 809.5) 2010-12-23

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[11] **2,823,944**  
[13] C

[51] **Int.Cl. G06F 3/048 (2013.01)**  
[25] EN  
[54] **WEB-BASED ARCHITECTURAL COLOR SELECTION SYSTEM**  
[54] **SYSTEME DE SELECTION DE COULEUR ARCHITECTURALE BASE SUR LE WEB**  
[72] CARUSO, CHRISTOPHER, US  
[72] LIPNISKIS, JEFFREY, US  
[72] BEHRENS, PHILLIP J., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 2013-07-04  
[86] 2012-01-03 (PCT/US2012/020068)  
[87] (WO2012/094309)  
[30] US (61/429,642) 2011-01-04  
[30] US (13/342,391) 2012-01-03

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[11] **2,824,483**  
[13] C

[51] **Int.Cl. A61L 27/20 (2006.01) A61L 27/52 (2006.01) A61L 27/54 (2006.01)**  
[25] EN  
[54] **STABLE HYDROGELS COMPRISING CROSS-LINKED HYALURONIC ACID AND PHENYLEPHRINE**  
[54] **HYDROGELS STABLES COMPRENANT UN ACIDE HYALURONIQUE RETICULE ET DE LA PHENYLEPHRINE**  
[72] GOUSSE, CECILE, FR  
[72] LEBRETON, PIERRE F., FR  
[72] PROST, NICOLAS, FR  
[72] PALIWAL, SUMIT, US  
[72] VAN EPPS, DENNIS E., US  
[73] ALLERGAN, INC., US  
[73] ALLERGAN INDUSTRIE, SAS, FR  
[85] 2013-07-11  
[86] 2012-01-13 (PCT/US2012/021278)  
[87] (WO2012/097272)  
[30] IB (PCT/IB2011/000052) 2011-01-13

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[11] **2,824,741**  
[13] C

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/31 (2014.01) H04N 19/65 (2014.01)**  
[25] EN  
[54] **IMPROVED NAL UNIT HEADER**  
[54] **EN-TETE D'UNITE NAL AMELIORE**  
[72] HONG, DANNY, US  
[72] BOYCE, JILL, US  
[72] JANG, WON KAP, US  
[72] WENGER, STEPHAN, US  
[73] VIDYO, INC., US  
[85] 2013-07-12  
[86] 2012-01-10 (PCT/US2012/020809)  
[87] (WO2012/096981)  
[30] US (61/432,836) 2011-01-14

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[11] **2,824,859**  
[13] C

[51] **Int.Cl. C09J 4/02 (2006.01) C04B 41/00 (2006.01) C09J 5/10 (2006.01)**  
[25] EN  
[54] **LOW TEMPERATURE CURABLE ADHESIVE COMPOSITIONS**  
[54] **COMPOSITIONS ADHESIVES PRENANT A BASSE TEMPERATURE**  
[72] HIBBEN, QUENTIN L., US  
[73] SIMPSON STRONG-TIE COMPANY, INC., US  
[85] 2013-07-15  
[86] 2012-01-12 (PCT/US2012/021129)  
[87] (WO2012/097186)  
[30] US (13/007,635) 2011-01-16

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[11] **2,824,935**  
[13] C

[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/24 (2013.01)**  
[25] EN  
[54] **ENCODING AND DECODING OF SLOT POSITIONS OF EVENTS IN AN AUDIO SIGNAL FRAME**  
[54] **CODAGE ET DECODAGE DE POSITIONS DE CRENEAUX D'EVENEMENTS DANS UNE TRAME DE SIGNAL AUDIO**  
[72] KUNTZ, ACHIM, DE  
[72] DISCH, SASCHA, DE  
[72] BAECKSTROEM, TOM, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-07-17  
[86] 2012-01-17 (PCT/EP2012/050613)  
[87] (WO2012/098098)  
[30] US (61/433,803) 2011-01-18  
[30] EP (11172791.3) 2011-07-06

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[11] **2,825,908**  
[13] C

[51] **Int.Cl. B23P 19/08 (2006.01)**  
[25] EN  
[54] **RESILIENT RING-SHAPED CLIP INSTALLATION SYSTEM AND HANDLING APPARATUS THEREFOR**  
[54] **SYSTEME D'INSTALLATION DE PINCES ANNULAIRES ELASTIQUES ET APPAREIL DE MANUTENTION CORRESPONDANT**  
[72] FIRSOFF, CLAUDIO, US  
[72] TONER, WAYNE, US  
[72] FRASER, PAUL, US  
[73] HONDA MOTOR CO., LTD., JP  
[86] (2825908)  
[87] (2825908)  
[22] 2013-09-03

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[11] **2,825,917**  
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/137 (2006.01)**  
[25] EN  
[54] **FILMCOATED SOLID DOSAGE FORMS COMPRISING HONEY IN THE COATING**  
[54] **FORMES POSOLOGIQUES ENROBEEES COMPRENANT DU MIEL DANS L'ENROBAGE**  
[72] STELLA, MARK EDWARD, US  
[72] KNIGHTS, ELISSA NICOLE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-07-26  
[86] 2012-02-13 (PCT/US2012/024849)  
[87] (WO2012/112437)  
[30] US (61/442,435) 2011-02-14

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[11] **2,826,011**  
[13] C

[51] **Int.Cl. B65D 5/48 (2006.01) B65D 5/54 (2006.01) B65D 77/04 (2006.01)**  
[25] EN  
[54] **DIVIDABLE TRAY**  
[54] **PLATEAU SEPARABLE**  
[72] SCRIMGER, MICHAEL TODD, US  
[73] NESTEC S.A., CH  
[85] 2013-07-29  
[86] 2012-02-10 (PCT/US2012/024628)  
[87] (WO2012/112387)  
[30] US (61/444,420) 2011-02-18  
[30] US (61/479,014) 2011-04-26

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[11] **2,826,047**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **INVENTORY DATA ACCESS LAYER**  
[54] **COUCHE ACCES AUX DONNEES D'INVENTAIRE**  
[72] MORGAN, WILLIAM, US  
[72] TAM, ROBERT, US  
[72] GERASIMOVA, NINA, US  
[72] GASTAUER, KEITH, US  
[72] RASGADO, STACEY, US  
[72] EINSTEIN, KEN, US  
[72] SWANSON, CHIP, US  
[72] LAMKA, NEIL, US  
[72] HOROWITZ, DAVE, US  
[72] LONGO, JIM, US  
[72] TOWNSEND, EMMET, IE  
[72] PROWER, JULIAN, GB  
[73] THE DUN AND BRADSTREET CORPORATION, US  
[85] 2013-07-26  
[86] 2012-01-27 (PCT/US2012/022939)  
[87] (WO2012/103458)  
[30] US (61/437,524) 2011-01-28  
[30] US (61/437,406) 2011-01-28

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[11] **2,826,278**  
[13] C

[51] **Int.Cl. F25B 7/00 (2006.01) F25B 49/02 (2006.01)**  
[25] EN  
[54] **CASCADE FLOATING INTERMEDIATE TEMPERATURE HEAT PUMP SYSTEM**  
[54] **SYSTEME DE POMPE A CHALEUR A TEMPERATURE INTERMEDIAIRE FLOTTANTE EN CASCADE**  
[72] ROCKENFELLER, UWE, US  
[72] SARKISIAN, PAUL, US  
[72] KHALILI, KAVEH, US  
[73] ROCKY RESEARCH, US  
[85] 2013-07-31  
[86] 2012-02-15 (PCT/US2012/025290)  
[87] (WO2013/095688)  
[30] US (13/030,066) 2011-02-17

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[11] **2,827,084**  
[13] C

[51] **Int.Cl. H04W 74/00 (2009.01) H04W 52/02 (2009.01)**  
[25] EN  
[54] **DATA SERVICE LEVEL UPLINK DATA FLOW CONTROL**  
[54] **COMMANDE DE FLUX DE DONNEES ASCENDANT AU NIVEAU DU SERVICE DE DONNEES**  
[72] SWANN, CRAIG IAN HAIGHT, CA  
[72] DEU-NGOC, JOSEPH TU-LONG, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2827084)  
[87] (2827084)  
[22] 2013-09-17  
[30] EP (12185750.2) 2012-09-24

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[11] **2,827,277**  
[13] C

[51] **Int.Cl. G10L 19/06 (2013.01)**  
[25] EN  
[54] **LINEAR PREDICTION BASED CODING SCHEME USING SPECTRAL DOMAIN NOISE SHAPING**  
[54] **SYSTEME DE CODAGE BASE SUR LA PREDICTION LINEAIRE UTILISANT LA MISE EN FORME DU BRUIT DANS LE DOMAINE SPECTRAL**  
[72] MARKOVIC, GORAN, DE  
[72] FUCHS, GUILLAUME, DE  
[72] RETTELBACH, NIKOLAUS, DE  
[72] HELMRICH, CHRISTIAN, DE  
[72] SCHUBERT, BENJAMIN, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052455)  
[87] (WO2012/110476)  
[30] US (61/442,632) 2011-02-14

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[11] **2,827,296**  
[13] C

[51] **Int.Cl. G10L 19/18 (2013.01) G10L 19/04 (2013.01)**  
[25] EN  
[54] **AUDIO CODEC SUPPORTING TIME-DOMAIN AND FREQUENCY-DOMAIN CODING MODES**  
[54] **CODEC AUDIO PRENANT EN CHARGE DES MODES DE CODAGE DE DOMAINE TEMPOREL ET DE DOMAINE FREQUENTIEL**  
[72] GEIGER, RALF, DE  
[72] SCHMIDT, KONSTANTIN, DE  
[72] GRILL, BERNHARD, DE  
[72] LUTZKY, MANFRED, DE  
[72] WERNER, MICHAEL, DE  
[72] GAYER, MARC, DE  
[72] HILPERT, JOHANNES, DE  
[72] LUIS VALERO, MARIA, DE  
[72] JAEGER, WOLFGANG, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052461)  
[87] (WO2012/110480)  
[30] US (61/442,632) 2011-02-14

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[11] **2,827,335**  
[13] C

[51] **Int.Cl. G10L 19/00 (2013.01)**  
[25] EN  
[54] **AUDIO CODEC USING NOISE SYNTHESIS DURING INACTIVE PHASES**  
[54] **CODEC AUDIO UTILISANT UNE SYNTHESE DU BRUIT DURANT DES PHASES INACTIVES**  
[72] SETIAWAN, PANJI, DE  
[72] SCHMIDT, KONSTANTIN, DE  
[72] WILDE, STEPHAN, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052462)  
[87] (WO2012/110481)  
[30] US (61/442,632) 2011-02-14

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[11] **2,828,089**  
[13] C

[51] **Int.Cl. H01Q 21/08 (2006.01) H01Q 1/38 (2006.01) H01Q 13/00 (2006.01)**  
[25] EN  
[54] **STRUCTURAL WIDEBAND MULTIFUNCTIONAL APERTURES**  
[54] **OUVERTURES MULTIFONCTIONNELLES STRUCTURELLES LARGE BANDE**  
[72] MANRY, CHARLES W., US  
[72] URCIA, MANNY S., US  
[72] BANKS, DAVID L., US  
[73] THE BOEING COMPANY, US  
[86] (2828089)  
[87] (2828089)  
[22] 2013-09-20  
[30] US (13/691,309) 2012-11-30

[11] **2,828,220**  
[13] C

[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND PROCESSES FOR REMOVING VOLATILE DEGRADATION PRODUCTS PRODUCED IN GAS PURIFICATION**  
[54] **SYSTEMES ET PROCEDES POUR L'ELIMINATION DE PRODUITS DE DEGRADATION VOLATILS DEGAGES LORS D'UNE PURIFICATION GAZEUSE**  
[72] BEDELL, STEPHEN ALAN, US  
[72] KOSS, PETER ULRICH, CH  
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH  
[85] 2013-08-23  
[86] 2012-02-22 (PCT/US2012/025990)  
[87] (WO2012/115992)  
[30] US (61/446,641) 2011-02-25  
[30] US (13/277,419) 2011-10-20

[11] **2,828,375**  
[13] C

[51] **Int.Cl. A46B 15/00 (2006.01) A46D 1/00 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH INCLUDING A DEVICE FOR INDICATING BRUSHING FORCE**  
[54] **BROSSE A DENTS COMPRENANT UN DISPOSITIF POUR INDIQUER LA FORCE DE BROSSAGE**  
[72] PATEL, MADHUSUDAN, US  
[72] MINTEL, THOMAS E., US  
[72] KENNEDY, SHARON, US  
[72] GATZEMEYER, JOHN J., US  
[72] JIMENEZ, EDUARDO J., US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-08-27  
[86] 2011-03-01 (PCT/US2011/026643)  
[87] (WO2012/118487)

[11] **2,830,111**  
[13] C

[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/58 (2010.01)**  
[25] EN  
[54] **CATHODE MATERIAL WITH DOUBLE CARBON COATINGS AND MANUFACTURING METHOD THEREOF**  
[54] **MATERIAU DE CATHODE AYANT UN REVETEMENT CARBONE DOUBLE COUCHE ET SON PROCEDE DE PREPARATION**  
[72] CHANG, SHENGSHIH, CN  
[72] HSIEH, HANWEI, CN  
[72] LIN, YUANKAI, CN  
[73] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD, CN  
[85] 2013-09-13  
[86] 2012-03-16 (PCT/CN2012/072472)  
[87] (WO2012/122951)  
[30] US (61/453,298) 2011-03-16

[11] **2,830,367**  
[13] C

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 498/14 (2006.01)**  
[25] EN  
[54] **NOVEL IMIDAZO-OXAZINE COMPOUND OR SALT THEREOF**  
[54] **NOUVELLE IMIDAZO-OXAZINE OU L'UN DE SES SELS**  
[72] NAKAMURA, MASAYUKI, JP  
[72] NIYAMA, KENJI, JP  
[72] KAMIJO, KAORI, JP  
[72] OHKUBO, MITSURU, JP  
[72] SHIMOMURA, TOSHIYASU, JP  
[73] TAIHO PHARMACEUTICAL CO., LTD., JP  
[85] 2013-09-16  
[86] 2012-04-05 (PCT/JP2012/059376)  
[87] (WO2012/137870)  
[30] JP (2011-084880) 2011-04-06

[11] **2,830,631**  
[13] C

[51] **Int.Cl. G10L 19/18 (2013.01) G10L 19/008 (2013.01) G10L 19/16 (2013.01)**  
[25] EN  
[54] **FRAME ELEMENT POSITIONING IN FRAMES OF A BITSTREAM REPRESENTING AUDIO CONTENT**  
[54] **POSITIONNEMENT D'UN ELEMENT DE TRAME DANS LES TRAMES D'UN FLUX BINAIRE REPRESENTANT UN CONTENU AUDIO**  
[72] NEUENDORF, MAX, DE  
[72] MULTRUS, MARKUS, DE  
[72] DOHLA, STEFAN, DE  
[72] PURNHAGEN, HEIKO, SE  
[72] DE BONT, FRANS, NL  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD  
[73] DOLBY INTERNATIONAL AB, NL  
[73] KONINKLIJKE PHILIPS N.V., NL  
[85] 2013-09-18  
[86] 2012-03-19 (PCT/EP2012/054821)  
[87] (WO2012/126891)  
[30] US (61/454,121) 2011-03-18

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[11] **2,830,841**

[13] C

- [51] **Int.Cl. B24D 3/24 (2006.01) B24D 3/20 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**  
[25] EN  
[54] **ABRASIVE ARTICLE FOR HIGH-SPEED GRINDING OPERATIONS**  
[54] **ARTICLE ABRASIF POUR DES OPERATIONS DE FRAISAGE A HAUTE VITESSE**  
[72] SARANGI, NILANJAN, US  
[72] FIX, RENAUD, FR  
[72] WOODS, STEPHEN, GB  
[72] GAFFNEY, JIM, US  
[72] CAMPANIELLO, JOHN, US  
[72] BESSE, JOHN R., US  
[72] FOX, STEPHEN E., US  
[73] SAINT-GOBAIN ABRASIVES, INC., US  
[73] SAINT-GOBAIN ABRASIFS, FR  
[85] 2013-09-19  
[86] 2012-03-30 (PCT/US2012/031703)  
[87] (WO2012/135770)  
[30] US (61/470,060) 2011-03-31

[11] **2,831,021**

[13] C

- [51] **Int.Cl. A61C 8/00 (2006.01)**  
[25] EN  
[54] **DENTAL IMPLANT HAVING A FIRST CONICAL SCREW PART AND A SECOND CYLINDRICAL SCREW PART**  
[54] **IMPLANT DENTAIRE AYANT UNE PREMIERE PARTIE A FILETAGE CONIQUE ET UNE SECONDE PARTIE A FILETAGE CYLINDRIQUE**  
[72] HILDMANN, MARTIN, DE  
[72] NAGELE, STEFAN, DE  
[73] AUROSAN GMBH, DE  
[85] 2013-09-23  
[86] 2012-03-22 (PCT/DE2012/100072)  
[87] (WO2012/126466)  
[30] DE (10 2011 001 485.3) 2011-03-22  
[30] DE (10 2011 050 678.0) 2011-05-27

[11] **2,831,054**

[13] C

- [51] **Int.Cl. A61K 31/573 (2006.01) A61K 31/00 (2006.01) A61K 31/19 (2006.01) A61K 31/197 (2006.01) A61K 31/445 (2006.01) A61K 31/495 (2006.01) A61K 31/5377 (2006.01) A61K 31/57 (2006.01) A61K 33/00 (2006.01) A61K 33/14 (2006.01)**  
[25] EN  
[54] **FORMULATIONS, AND METHODS FOR THEIR USE IN TREATMENT OF NEUROPATHOLOGY AND NEURODEGENERATION AS A RESULT OF TRAUMATIC INJURY**  
[54] **FORMULATIONS ET PROCEDES POUR LEUR UTILISATION DANS LE TRAITEMENT D'UNE NEUROPATHOLOGIE ET D'UNE NEURODEGENERATION EN RAISON D'UNE LESION TRAUMATIQUE**  
[72] HENRY, JAMES L., CA  
[73] SAPNA LIFE SCIENCES, INC., CA  
[86] (2831054)  
[87] (2831054)  
[22] 2013-10-22  
[30] US (61/750,745) 2013-01-09  
[30] US (13/815,716) 2013-03-15  
[30] US (13/961,251) 2013-08-07  
[30] US (14/018,199) 2013-09-04  
[30] US (14/055,604) 2013-10-16

[11] **2,832,634**

[13] C

- [51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **CSI-RS BASED CHANNEL ESTIMATING METHOD IN A WIRELESS COMMUNICATION SYSTEM AND DEVICE FOR SAME**  
[54] **PROCEDE D'ESTIMATION DE CANAL BASE CSI-RS DANS UN SYSTEME DE COMMUNICATION SANS FIL ET DISPOSITIF CORRESPONDANT**  
[72] SEO, HANBYUL, KR  
[72] KIM, KIJUN, KR  
[72] LEE, DAEWON, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2013-10-07  
[86] 2012-05-03 (PCT/KR2012/003475)  
[87] (WO2012/157870)  
[30] US (61/485,642) 2011-05-13  
[30] US (61/500,599) 2011-06-23

[11] **2,832,661**

[13] C

- [51] **Int.Cl. B01F 15/04 (2006.01)**  
[25] EN  
[54] **TWO-STAGE MIXING SYSTEM, APPARATUS, AND METHOD**  
[54] **PROCEDE, APPAREIL ET SYSTEME DE MELANGE EN DEUX ETAPES**  
[72] DEMERS, JASON A., US  
[72] MCGILL, DAVID W., US  
[72] HARRIS, MATTHEW C., US  
[72] GRAY, LARRY B., US  
[72] STAUB, EDWARD L., US  
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
[86] (2832661)  
[87] (2832661)  
[22] 2004-10-29  
[62] 2,791,816  
[30] US (10/696,969) 2003-10-30  
[30] US (10/696,893) 2003-10-30  
[30] US (10/696,818) 2003-10-30  
[30] US (10/697,176) 2003-10-30  
[30] US (10/696,984) 2003-10-30  
[30] US (10/697,450) 2003-10-30  
[30] US (10/697,862) 2003-10-30  
[30] US (10/696,990) 2003-10-30

[11] **2,833,032**

[13] C

- [51] **Int.Cl. H04N 19/597 (2014.01) H04N 19/176 (2014.01) H04N 19/513 (2014.01) H04N 13/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS OF TEXTURE IMAGE COMPRESSION IN 3D VIDEO CODING**  
[54] **PROCEDE ET APPAREIL DE COMPRESSION D'IMAGE DE TEXTURE DANS UN CODAGE VIDEO 3D**  
[72] CHANG, YU-LIN, CN  
[72] HSIANG, SHIH-TA, CN  
[72] WU, CHI-LING, CN  
[72] FU, CHIH-MING, CN  
[72] CHEN, CHIA-PING, CN  
[72] TSAI, YU-PAO, CN  
[72] HUANG, YU-WEN, CN  
[72] LEI, SHAW-MIN, CN  
[73] MEDIATEK INC., CN  
[85] 2013-10-09  
[86] 2012-06-15 (PCT/CN2012/076975)  
[87] (WO2012/171477)  
[30] US (61/497,441) 2011-06-15

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[11] **2,833,655**  
[13] C

[51] **Int.Cl. G01N 27/90 (2006.01)**  
[25] EN  
[54] **EDDY CURRENT TESTING APPARATUS, EDDY CURRENT TESTING PROBE, AND EDDY CURRENT TESTING METHOD**  
[54] **APPAREIL DE CONTROLE PAR COURANTS DE FOUCAULT, PALPEUR POUR ESSAI PAR COURANTS DE FOUCAULT ET PROCEDE D-ESSAI PAR COURANTS DE FOUCAULT**  
[72] NISHIMIZU, AKIRA, JP  
[72] ISHIHARA, ATSUSHI, JP  
[72] MATSUMOTO, JUN, JP  
[72] KAWANAKA, TAKAYUKI, JP  
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP  
[86] (2833655)  
[87] (2833655)  
[22] 2013-11-15

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[11] **2,834,084**  
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 17/21 (2006.01) G06F 17/50 (2006.01) G06T 17/00 (2006.01)**  
[25] EN  
[54] **PANOPTIC VISUALIZATION OF A THREE-DIMENSIONAL REPRESENTATION OF A COMPLEX SYSTEM**  
[54] **VISUALISATION PANOPTIQUE D'UNE REPRESENTATION TRIDIMENSIONNELLE D'UN SYSTEME COMPLEXE**  
[72] HADLEY, BRENT L., US  
[72] FLOYD, JOSEPH F., US  
[72] EAMES, PATRICK J., US  
[72] HADLEY, KYLE M., US  
[73] THE BOEING COMPANY, US  
[86] (2834084)  
[87] (2834084)  
[22] 2013-11-21  
[30] US (13/752,060) 2013-01-28

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[11] **2,834,511**  
[13] C

[51] **Int.Cl. B63B 35/79 (2006.01) B63B 35/73 (2006.01) B63B 41/00 (2006.01)**  
[25] EN  
[54] **PADDLEBOARD**  
[54] **PLANCHE A BRAS**  
[72] GREEN, DANNY, US  
[72] VAN NIMWEGEN, EDWARD G., US  
[72] NIEMIER, TIM, US  
[72] BENNETT, JOEL, US  
[72] BENNETT, JOHN, US  
[72] ASTLE, ROBERT, US  
[72] STEED, BRENT, US  
[72] OLSEN, ERIC, US  
[72] TODD, MIKE, US  
[73] LIFETIME PRODUCTS, INC., US  
[85] 2013-10-28  
[86] 2012-07-12 (PCT/US2012/046521)  
[87] (WO2013/010013)  
[30] US (61/507,962) 2011-07-14  
[30] US (61/508,898) 2011-07-18  
[30] US (13/546,917) 2012-07-11

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[11] **2,833,875**  
[13] C

[51] **Int.Cl. B64D 11/00 (2006.01) A47H 1/18 (2006.01) A47H 23/04 (2006.01)**  
[25] EN  
[54] **DIVIDER CURTAIN**  
[54] **RIDEAU DIVISEUR**  
[72] SLYTER, KENNETH M., US  
[72] MORCOM, PAUL W., US  
[73] THE BOEING COMPANY, US  
[86] (2833875)  
[87] (2833875)  
[22] 2013-11-21  
[30] US (13/712,854) 2012-12-12

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[11] **2,834,089**  
[13] C

[51] **Int.Cl. B65D 5/54 (2006.01) B65D 5/52 (2006.01)**  
[25] EN  
[54] **SHIPPING AND DISPLAY CONTAINER**  
[54] **CONTENANT D'EXPEDITION ET DE PRESENTATION**  
[72] PHILIPS, NICHOLAS A., US  
[73] TIN INC., US  
[86] (2834089)  
[87] (2834089)  
[22] 2013-11-25  
[30] US (13/719,278) 2012-12-19

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[11] **2,835,158**  
[13] C

[51] **Int.Cl. H04W 36/30 (2009.01) H04W 52/02 (2009.01) H04W 72/04 (2009.01)**  
[25] EN  
[54] **USER EQUIPMENT AND MOBILE COMMUNICATION METHOD**  
[54] **DISPOSITIF D'UTILISATEUR ET PROCEDE DE COMMUNICATION MOBILE**  
[72] NAKAMORI, TAKESHI, JP  
[72] ISHII, HIROYUKI, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2013-11-05  
[86] 2012-05-01 (PCT/JP2012/061577)  
[87] (WO2012/153683)  
[30] JP (2011-103846) 2011-05-06

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[11] **2,833,904**  
[13] C

[51] **Int.Cl. H04L 12/727 (2013.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF ROUTING IP TELEPHONY DATA PACKET COMMUNICATIONS**  
[54] **SYSTEMES ET METHODES DE ROUTAGE DES COMMUNICATIONS PAR PAQUETS DE DONNEES TELEPHONIQUES SUR IP**  
[72] BUCKO, ANDREW, US  
[72] STERMAN, BARUCH, US  
[73] VONAGE NETWORK, LLC, US  
[86] (2833904)  
[87] (2833904)  
[22] 2013-11-21  
[30] US (13/390994) 2012-11-30

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[11] **2,835,813**  
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[51] **Int.Cl. G01N 29/22 (2006.01) G01N 29/24 (2006.01) G01N 29/265 (2006.01) G01N 29/44 (2006.01)**

[25] EN

[54] **MOBILIZED SENSOR NETWORK FOR STRUCTURAL HEALTH MONITORING**

[54] **RESEAU DETECTEUR MOBILISE DESTINE A SURVEILLER L'INTEGRITE STRUCTURELLE**

[72] JANG, JUNG SOON, US

[72] IHN, JEONG-BEOM, US

[73] THE BOEING COMPANY, US

[85] 2013-11-12

[86] 2012-05-03 (PCT/US2012/036360)

[87] (WO2013/012468)

[30] US (13/183,580) 2011-07-15

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[11] **2,836,058**  
[13] C

[51] **Int.Cl. A61F 5/37 (2006.01) A41D 1/00 (2006.01) A41D 27/26 (2006.01) A61F 13/10 (2006.01)**

[25] EN

[54] **SHOULDER STABILIZATION SHIRT**

[54] **CHEMISE POUR LA STABILISATION DES EPAULES**

[72] PUNI, VISHAL, CA

[73] PUNI, VISHAL, CA

[86] (2836058)

[87] (2836058)

[22] 2013-12-09

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[11] **2,837,008**  
[13] C

[51] **Int.Cl. A61N 1/372 (2006.01) A61N 1/05 (2006.01) A61N 1/362 (2006.01) A61N 1/39 (2006.01)**

[25] EN

[54] **USER-DEFINED GRAPHICAL SHAPES USED AS A VISUALIZATION AID FOR STIMULATOR PROGRAMMING**

[54] **FORMES GRAPHIQUES CONFIGUREES PAR L'UTILISATEUR, UTILISEES EN TANT QU'AIDE DE VISUALISATION POUR PROGRAMMATION DE STIMULATEUR**

[72] MOFFITT, MICHAEL ADAM, US

[72] ZOTTOLA, DENNIS, US

[72] CASSIDY, JIM, US

[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US

[85] 2013-11-12

[86] 2012-05-16 (PCT/US2012/038196)

[87] (WO2012/158830)

[30] US (61/487,015) 2011-05-17

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[11] **2,837,698**  
[13] C

[51] **Int.Cl. H02M 3/335 (2006.01)**

[25] EN

[54] **A RESONANT-MODE POWER SUPPLY WITH A MULTI-WINDING INDUCTOR**

[54] **ALIMENTATION ELECTRIQUE A MODE RESONANT DOTEE D'UN INDUCTEUR A ENROULEMENTS MULTIPLES**

[72] WOREK, CEZARY, PL

[73] AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE, PL

[85] 2013-11-25

[86] 2012-07-23 (PCT/EP2012/064401)

[87] (WO2013/017456)

[30] PL (P.395846) 2011-08-02

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[11] **2,838,065**  
[13] C

[51] **Int.Cl. A61L 15/22 (2006.01) A61F 13/02 (2006.01) A61F 13/15 (2006.01) A61K 9/70 (2006.01)**

[25] EN

[54] **DRESSINGS AND RELATED METHODS THEREFOR**

[54] **PANSEMENTS ET PROCEDES ASSOCIES POUR CEUX-CI**

[72] MOGHE, AJIT K., US

[72] GAHAN, RICHARD E., US

[72] PATEL, HARISH A., US

[73] COVIDIEN LP, US

[85] 2013-12-02

[86] 2012-06-04 (PCT/US2012/040697)

[87] (WO2012/170334)

[30] US (13/153,842) 2011-06-06

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[11] **2,838,914**  
[13] C

[51] **Int.Cl. B62D 1/06 (2006.01) B62D 1/04 (2006.01)**

[25] EN

[54] **STEERING WHEEL FOR A MOTOR VEHICLE AND METHOD FOR PRODUCING A STEERING WHEEL**

[54] **VOLANT POUR VEHICULE A MOTEUR, ET PROCEDE DE PRODUCTION D'UN VOLANT**

[72] PEKARI, CHRISTOPH, DE

[73] SCHIPEK GMBH, DE

[85] 2013-12-10

[86] 2012-06-14 (PCT/DE2012/100178)

[87] (WO2012/175075)

[30] DE (10 2011 104 994.4) 2011-06-22

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[11] **2,838,987**  
[13] C

[51] **Int.Cl. G01F 1/84 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING DIFFERENTIAL FLOW CHARACTERISTICS OF A MULTIPLE METER FLUID FLOW SYSTEM**

[54] **PROCEDE ET APPAREIL DE DETERMINATION DE CARACTERISTIQUES D'ECOULEMENT DIFFERENTIELLES D'UN SYSTEME D'ECOULEMENT DE FLUIDE A MULTIPLES DISPOSITIFS DE MESURE**

[72] WEINSTEIN, JOEL, US  
[72] HAYS, PAUL J., US  
[73] MICRO MOTION, INC., US  
[85] 2013-12-10  
[86] 2011-07-07 (PCT/US2011/043132)  
[87] (WO2013/006171)

[11] **2,839,626**  
[13] C

[51] **Int.Cl. B64C 13/10 (2006.01) B64C 13/50 (2006.01) B64D 47/00 (2006.01) B64F 5/00 (2006.01)**

[25] EN  
[54] **AIRCRAFT MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE D'AERONEF**

[72] PENNELL, SEAN M., US  
[72] AARON, NOAH ERIC, US  
[72] MCDONALD, DARREN GORDON, US  
[73] THE BOEING COMPANY, US  
[86] (2839626)  
[87] (2839626)  
[22] 2014-01-08  
[30] US (13/769,674) 2013-02-18

[11] **2,840,347**  
[13] C

[51] **Int.Cl. A47F 3/04 (2006.01) F25D 23/06 (2006.01)**

[25] EN  
[54] **REFRIGERATED MERCHANDISE DISPLAY SYSTEM**

[54] **SYSTEME DE PRESENTATION DE MARCHANDISES REFRIGEREES**

[72] JAJA, EMAD, US  
[72] RIBEIRO, ANTONIO JOSE FERNANDES, US  
[72] MONTERO, JOSE ROBERTO, MX  
[72] GUTIERREZ, JOSE MIGUEL, US  
[72] SANTAMARIA, JOSE ALFONSO GONZALEZ, SV  
[72] GARCIA, EDITH NANCY TREVINO, MX  
[72] GUADARRAMA, RODRIGO, MX  
[72] ACERO, CESAR EDUARDO AVENDANO, MX  
[72] ZALETA, DIMAS ALBERTO DIAZ, MX  
[73] PEPSICO, INC., US  
[85] 2013-12-23  
[86] 2012-02-27 (PCT/US2012/026698)  
[87] (WO2013/002849)  
[30] US (13/173,342) 2011-06-30

[11] **2,841,661**  
[13] C

[51] **Int.Cl. A61C 17/34 (2006.01)**

[25] EN  
[54] **ORAL CLEANING TOOL FOR AN ORAL HYGIENE DEVICE**

[54] **OUTIL DE NETTOYAGE BUCCO-DENTAIRE POUR UN DISPOSITIF D'HYGIENE BUCCO-DENTAIRE**

[72] UTSCH, JOERN, DE  
[72] SCHAEFER, NORBERT, DE  
[73] BRAUN GMBH, DE  
[85] 2014-01-14  
[86] 2012-07-25 (PCT/IB2012/053782)  
[87] (WO2013/014617)  
[30] EP (11006106.6) 2011-07-25

[11] **2,842,832**  
[13] C

[51] **Int.Cl. A47J 43/00 (2006.01) B02C 18/12 (2006.01) B02C 18/20 (2006.01) B26D 1/25 (2006.01)**

[25] EN  
[54] **BLENDER SYSTEM AND ROTATABLE BLADE ASSEMBLY**

[54] **SYSTEME MELANGEUR ET ENSEMBLE LAMES ROTATIVES**

[72] POTTER, DANIEL STEPHEN, US  
[72] AUDETTE, DAVID M., US  
[73] SHARKNINJA OPERATING LLC, US  
[85] 2014-01-22  
[86] 2012-07-26 (PCT/US2012/048339)  
[87] (WO2013/016533)  
[30] US (61/511,614) 2011-07-26  
[30] US (61/526,398) 2011-08-23

[11] **2,843,238**  
[13] C

[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/4245 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 5/48 (2006.01) A61P 43/00 (2006.01)**

[25] EN  
[54] **N-HETERO-RING-SUBSTITUTED AMIDE DERIVATIVE**

[54] **DERIVE D'AMINE SUBSTITUE PAR UN N-HETEROCYCLE**

[72] YAMANOI, SHIGEO, JP  
[72] HATTA, MADOKA, JP  
[72] NAMIKI, HIDENORI, JP  
[72] MATSUMOTO, KOJI, JP  
[72] YOSHITOMI, TOMOMI, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2014-01-27  
[86] 2012-07-27 (PCT/JP2012/069098)  
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[30] JP (2011-166248) 2011-07-29



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[11] **2,843,462**  
[13] C

[51] **Int.Cl. B65B 57/00 (2006.01) B65B 11/00 (2006.01) G01L 5/04 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MEASURING CONTAINMENT FORCE IN A WRAPPED LOAD AND A CONTROL PROCESS FOR ESTABLISHING AND MAINTAINING A PREDETERMINED CONTAINMENT FORCE PROFILE**

[54] **APPAREIL ET METHODE DE MESURE DE LA FORCE DE RETENTION D'UNE CHARGE EMBALLEE ET PROCESSUS DE CONTROLE POUR LA CREATION ET LE MAINTIEN D'UN PROFIL DE FORCE DE RETENTION PREETABLI**

[72] LANCASTER, PATRICK R., III, US  
[72] ELDRIDGE, DAVID E., US  
[72] MARTIN, CURTIS W., US  
[73] LANTECH.COM LLC, US  
[86] (2843462)  
[87] (2843462)  
[22] 2008-04-21  
[62] 2,760,492  
[30] US (60/907,838) 2007-04-19

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[11] **2,843,685**  
[13] C

[51] **Int.Cl. B29C 70/24 (2006.01) B29C 70/48 (2006.01)**

[25] FR

[54] **PROCESS FOR MANUFACTURING A COMPOSITE, GENERALLY TRIANGULAR, STRUCTURAL PART**

[54] **PROCEDE DE FABRICATION D'UNE PIECE STRUCTURALE GENERALEMENT TRIANGULAIRE EN MATERIAU COMPOSITE**

[72] MASSON, RICHARD, FR  
[72] GARNIER, GILDAS, FR  
[73] MESSIER-BUGATTI-DOWTY, FR  
[85] 2014-01-24  
[86] 2012-07-31 (PCT/EP2012/064977)  
[87] (WO2013/017603)  
[30] FR (1157053) 2011-08-01

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[11] **2,843,801**  
[13] C

[51] **Int.Cl. H01F 29/02 (2006.01) G05F 1/14 (2006.01)**

[25] EN

[54] **AN IMPROVED, HIGH-EFFICIENCY, ENERGY-SAVING DEVICE FOR INSERTING BETWEEN A POWER SOURCE AND A MOTIVE AND/OR LIGHTING POWER LOAD**

[54] **DISPOSITIF AMELIORE PERMETTANT D'ECONOMISER L'ENERGIE A HAUTE PERFORMANCE DESTINE A ETRE INSERE ENTRE UN BLOC D'ALIMENTATION ET UNE CHARGE MOBILE ET/OU A POUVOIR ECLAIRANT**

[72] D'ANTUONO, ERNESTO, IT  
[73] ENERGIA EUROPA S.P.A., IT  
[85] 2014-01-31  
[86] 2011-08-01 (PCT/IT2011/000275)  
[87] (WO2013/018108)

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[11] **2,844,456**  
[13] C

[51] **Int.Cl. E04H 3/12 (2006.01) A47C 1/126 (2006.01)**

[25] FR

[54] **HALL, SPECIFICALLY MULTI-PURPOSE PERFORMANCE HALL**

[54] **SALLE, EN PARTICULIER SALLE DE SPECTACLE POLYVALENTE**

[72] BEHAGUE, JULIEN, FR  
[72] MAUGER, MICKAEL, FR  
[73] SERAPID FRANCE, FR  
[86] (2844456)  
[87] (2844456)  
[22] 2014-03-03  
[30] FR (13 51 887) 2013-03-04

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[11] **2,844,884**  
[13] C

[51] **Int.Cl. H01R 13/627 (2006.01) H01R 13/639 (2006.01)**

[25] EN

[54] **LATCHING MECHANISM FOR A CONNECTOR**

[54] **MECANISME DE VERROUILLAGE POUR UN CONNECTEUR**

[72] SEN, TANG CHIN, MY  
[72] CHAN, KEE CHEAH, MY  
[72] HOH, QUAH TEE, MY  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-02-11  
[86] 2012-07-30 (PCT/US2012/048835)  
[87] (WO2013/025335)  
[30] US (13/210,502) 2011-08-16

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[11] **2,845,194**  
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **CLASSIFICATION OF AMBIGUOUS GEOGRAPHIC REFERENCES**

[54] **CLASSIFICATION DE REFERENCES GEOGRAPHIQUES AMBIGUES**

[72] EGNOR, DANIEL, US  
[73] GOOGLE INC., US  
[86] (2845194)  
[87] (2845194)  
[22] 2005-12-30  
[62] 2,593,377  
[30] US (11/024,785) 2004-12-30

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[11] **2,846,026**  
[13] C

[51] **Int.Cl. G01S 13/74 (2006.01) G01C 11/02 (2006.01) G01S 13/75 (2006.01)**

[25] EN

[54] **RADIO FREQUENCY IDENTIFICATION NOTIFICATION SYSTEM**

[54] **SYSTEME DE NOTIFICATION D'IDENTIFICATION PAR RADIOFREQUENCE**

[72] LEONARD, JAMES V., US  
[72] EGGEMEYER, AARON L., US  
[72] HALBERT TERRENCE L., US  
[72] GOODALL, MICHAEL L., US  
[73] THE BOEING COMPANY, US  
[86] (2846026)  
[87] (2846026)  
[22] 2014-03-12  
[30] US (13/908,653) 2013-06-03

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[13] C  
[51] **Int.Cl. A01B 45/00 (2006.01)**  
[25] EN  
[54] **ELECTRICALLY OPERATED  
TURF STACKING SYSTEM FOR  
SOD HARVESTING MACHINE**  
[54] **SYSTEME D'EMPILEMENT DE  
GAZON A COMMANDE  
ELECTRIQUE POUR MACHINE  
D'EXPLOITATION DE GAZON**  
[72] APOSHIAN, STEVEN R., US  
[72] ASTON, ERIC E., US  
[72] DECKER, WILLIAM M., US  
[72] DRAKE, SAMUEL, US  
[73] FIREFLY AUTOMATIX, INC., US  
[86] (2847416)  
[87] (2847416)  
[22] 2014-03-26  
[30] US (13/851,418) 2013-03-27

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[11] **2,848,149**  
[13] C  
[51] **Int.Cl. G01B 11/30 (2006.01) G01N  
21/89 (2006.01) G06T 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
IMAGE NOISE FILTERING**  
[54] **PROCEDE ET APPAREIL DE  
FILTRAGE DE BRUIT D'IMAGE**  
[72] GAGNON, RICHARD, CA  
[72] COUTURIER, JEAN-PIERRE, CA  
[73] CENTRE DE RECHERCHE  
INDUSTRIELLE DU QUEBEC, CA  
[86] (2848149)  
[87] (2848149)  
[22] 2014-04-04  
[30] US (61/811,422) 2013-04-12

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[11] **2,848,255**  
[13] C  
[51] **Int.Cl. B01D 53/62 (2006.01)**  
[25] EN  
[54] **ECONOMICAL METHOD FOR  
SCAVENGING HYDROGEN  
SULFIDE IN FLUIDS**  
[54] **PROCEDE ECONOMIQUE DE  
RECUPERATION DU SULFURE  
D'HYDROGENE DANS LES  
FLUIDES**  
[72] MCDANIEL, CATO RUSSELL, US  
[72] THAEMLITZ, CARL JOSEPH, US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[86] (2848255)  
[87] (2848255)  
[22] 2014-04-02

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[11] **2,848,424**  
[13] C  
[51] **Int.Cl. F23D 14/00 (2006.01) A47J  
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[25] EN  
[54] **COOKING GRILL AND BURNER  
HAVING V-SHAPED FIREBOX**  
[54] **GRIL DE CUISSON ET BRULEUR  
COMPORTANT UN FOYER EN  
FORME DE V**  
[72] AHMED, MALLIK, US  
[73] W.C. BRADLEY CO., US  
[85] 2014-03-11  
[86] 2012-10-04 (PCT/US2012/058728)  
[87] (WO2013/052648)  
[30] US (13/253,221) 2011-10-05

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[11] **2,848,473**  
[13] C  
[51] **Int.Cl. E21B 34/08 (2006.01) E21B  
34/06 (2006.01) E21B 43/12 (2006.01)**  
[25] EN  
[54] **VALVE WITH SHUTTLE**  
[54] **CLAPET-NAVETTE**  
[72] OSBORNE, LAWRENCE, US  
[73] PRODUCTION TOOL SOLUTION,  
INC., US  
[86] (2848473)  
[87] (2848473)  
[22] 2011-04-20  
[62] 2,738,107  
[30] US (12/766,141) 2010-04-23  
[30] US (13/089,312) 2011-04-19

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[11] **2,848,687**  
[13] C  
[51] **Int.Cl. H04B 10/2575 (2013.01) H04B  
10/548 (2013.01)**  
[25] EN  
[54] **INTEGRATED PHOTONIC  
FREQUENCY CONVERTER AND  
MIXER**  
[54] **MELANGEUR ET  
CONVERTISSEUR DE  
FREQUENCE PHOTONIQUE  
INTEGRES**  
[72] SHI, YONGQIANG, US  
[73] THE BOEING COMPANY, US  
[86] (2848687)  
[87] (2848687)  
[22] 2014-04-09  
[30] US (13/932,016) 2013-07-01

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[11] **2,849,880**  
[13] C  
[51] **Int.Cl. E21B 43/10 (2006.01) E21B  
23/01 (2006.01)**  
[25] EN  
[54] **RE-LATCH MECHANISM FOR  
WELLBORE LINER SYSTEM**  
[54] **MECANISME DE BLOCAGE A  
RAPPEL POUR SYSTEME DE  
CHEMISAGE DE TROU DE  
FORAGE**  
[72] MOELLER, DANIEL KEITH, US  
[72] WATSON, BROCK, US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[85] 2014-03-24  
[86] 2011-10-07 (PCT/US2011/055403)  
[87] (WO2013/052064)

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[11] **2,850,409**  
[13] C  
[51] **Int.Cl. B23K 26/14 (2014.01) B23K  
26/20 (2014.01) B23K 26/26 (2014.01)  
B23K 26/32 (2014.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR  
JOINT-WELDING COATED  
METAL SHEETS**  
[54] **PROCEDE ET DISPOSITIF  
D'ASSEMBLAGE PAR SOUDAGE  
DE TOLES REVETUES AVEC  
UTILISATION D'UN FLUX DE  
POUDRE ET DE GAZ**  
[72] BRANDT, MAX, DE  
[72] BREUER, ARNDT, DE  
[72] KOLLECK, RALF, AT  
[72] VOLLMER, ROBERT, AT  
[73] THYSSENKRUPP TAILORED  
BLANKS GMBH, DE  
[85] 2014-03-28  
[86] 2012-09-26 (PCT/EP2012/068969)  
[87] (WO2013/045497)  
[30] DE (10 2011 114 555.2) 2011-09-30

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[13] C

[51] **Int.Cl. B32B 18/00 (2006.01) C04B 35/505 (2006.01) C23C 30/00 (2006.01)**

[25] EN

[54] **THERMAL BARRIER COATING SYSTEMS AND PROCESSES THEREFOR**

[54] **SYSTEMES DE REVETEMENT A BARRIERE THERMIQUE ET PROCEDES ASSOCIES**

[72] NAGARAJ, BANGALORE ASWATHA, US

[72] KONITZER, DOUGLAS GERARD, US

[72] CHAPMAN, JULIE MARIE, US

[72] VENKATARAMANI, VENKAT SUBRAMANIAM, US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2014-04-04

[86] 2012-10-12 (PCT/US2012/059841)

[87] (WO2013/103425)

[30] US (61/546,793) 2011-10-13

[30] US (13/341,247) 2011-12-30

[30] US (13/542,057) 2012-07-05

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[11] **2,851,357**  
[13] C

[51] **Int.Cl. B65D 5/42 (2006.01) B31B 1/25 (2006.01)**

[25] EN

[54] **PLASTIC CORRUGATED CONTAINER WITH IMPROVED FOLD LINES AND METHOD AND APPARATUS FOR MAKING SAME**

[54] **RECIPIENT ONDULE EN MATIERE PLASTIQUE AYANT DES LIGNES DE PLIURE AMELIOREES ET PROCEDE ET APPAREIL PERMETTANT DE REALISER CE DERNIER**

[72] MCMAHON, WILLIAM F., US

[73] ORBIS CORPORATION, US

[85] 2014-04-07

[86] 2012-05-17 (PCT/US2012/038316)

[87] (WO2013/055407)

[30] US (13/273,019) 2011-10-13

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[11] **2,851,444**  
[13] C

[51] **Int.Cl. B29C 70/36 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01) F16S 3/00 (2006.01)**

[25] EN

[54] **COMPOSITE STRUCTURE AND METHOD**

[54] **STRUCTURE COMPOSITE ET PROCEDE**

[72] STAWSKI, STANLEY W., US

[73] THE BOEING COMPANY, US

[86] (2851444)

[87] (2851444)

[22] 2014-05-12

[30] US (13/895,409) 2013-05-16

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[11] **2,851,450**  
[13] C

[51] **Int.Cl. E05D 7/04 (2006.01) E04G 21/14 (2006.01)**

[25] EN

[54] **ADJUSTABLE DOOR MOUNTING SYSTEM**

[54] **SYSTEME DE MONTAGE DE PORTE REGLABLE**

[72] BAER, AUSTIN R., US

[73] VON DUPRIN LLC, US

[86] (2851450)

[87] (2851450)

[22] 2010-01-21

[62] 2,749,550

[30] US (61/146,507) 2009-01-22

[30] US (61/253,957) 2009-10-22

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[11] **2,851,497**  
[13] C

[51] **Int.Cl. B29C 70/16 (2006.01) C08J 5/04 (2006.01)**

[25] EN

[54] **COMPOSITE TEXTILES INCLUDING SPREAD FILAMENTS**

[54] **TEXTILES COMPOSITES COMPRENANT DES FILAMENTS DEPLOYES**

[72] GRIESS, KENNETH H., US

[72] ESPOSITO, JACK J., US

[72] GEORGESON, GARY E., US

[73] THE BOEING COMPANY, US

[86] (2851497)

[87] (2851497)

[22] 2014-05-07

[30] US (14/034,456) 2013-09-23

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[11] **2,851,774**  
[13] C

[51] **Int.Cl. G05D 1/02 (2006.01) B66F 9/075 (2006.01)**

[25] EN

[54] **STEER CONTROL MANEUVERS FOR MATERIALS HANDLING VEHICLES**

[54] **MANŪVRES DE COMMANDE DE DIRECTION POUR VEHICULES DE MANIPULATION DE MATERIAUX**

[72] SIEFRING, VERNON W., US

[72] CORBETT, MICHAEL, US

[73] CROWN EQUIPMENT CORPORATION, US

[85] 2014-04-10

[86] 2012-10-05 (PCT/US2012/058943)

[87] (WO2013/055588)

[30] US (13/272,337) 2011-10-13

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[11] **2,852,213**  
[13] C

[51] **Int.Cl. B64D 11/00 (2006.01) B64D 11/04 (2006.01)**

[25] EN

[54] **AIRCRAFT PASSAGEWAY STORAGE UNITS**

[54] **UNITES DE RANGEMENT D'ALLEE D'AERONEF**

[72] CUDDY, NATHANIEL C., US

[72] MCINELLY, CHRIS GREN, US

[72] MAIR, ROLAND, US

[72] KECK, RUSSELL W., US

[72] LEWIS, MICHAEL S., US

[72] RIVERA, DANIEL, US

[72] SAMPAT, TUSHAR MAYUR, US

[72] HANRATTY, DERRICK JOSEPH, US

[72] ERICKSON, HAROLD GLENN, US

[72] KOTLIK, MITCHELL, US

[72] JONES, TIMOTHY MARK, US

[73] THE BOEING COMPANY, US

[86] (2852213)

[87] (2852213)

[22] 2014-05-23

[30] US (61/828646) 2013-05-29

[30] US (14/262019) 2014-04-25

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[13] C

[51] **Int.Cl. B64F 5/00 (2006.01) E04G 1/18 (2006.01) F16M 11/24 (2006.01)**  
[25] EN  
[54] **MODULAR STANCHION SYSTEM**  
[54] **SYSTEME DE MONTANT MODULAIRE**  
[72] LARSON, KIM MARIE, US  
[72] ENG, RAYMOND CHO, US  
[72] MUNK, CLAYTON LYNN, US  
[72] DAY, DAN DRESSKELL, US  
[72] DAVIS, GORDON DALE, US  
[73] THE BOEING COMPANY, US  
[86] (2852413)  
[87] (2852413)  
[22] 2014-05-26  
[30] US (13/926,646) 2013-06-25  
[30] US (14/265,946) 2014-04-30

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[11] **2,852,612**  
[13] C

[51] **Int.Cl. A61F 5/445 (2006.01) A61B 17/064 (2006.01) A61B 17/115 (2006.01) A61F 2/00 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE STOMA RING**  
[54] **ANNEAU DE STOMIE IMPLANTABLE**  
[72] KIRCHHOFF, PHILIPP, CH  
[73] UNIVERSITAETSSPITAL BASEL, CH  
[85] 2014-04-16  
[86] 2012-10-19 (PCT/EP2012/070764)  
[87] (WO2013/057255)  
[30] EP (11008455.5) 2011-10-21

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[11] **2,853,192**  
[13] C

[51] **Int.Cl. C11D 3/34 (2006.01) C11D 1/02 (2006.01) C11D 3/37 (2006.01) C11D 17/00 (2006.01)**  
[25] EN  
[54] **SURFACE TREATMENT COMPOSITIONS INCLUDING SHIELDING SALTS**  
[54] **COMPOSITIONS DE TRAITEMENT DE SURFACE COMPRENANT DES SELS PROTECTEURS**  
[72] RANDALL, SHERRI LYNN, US  
[72] TSCHNEIDER, MICHELLE ANN, US  
[72] JOHNSON, ERIC SCOTT, US  
[72] SIVIK, MARK ROBERT, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2014-04-22  
[86] 2012-11-06 (PCT/US2012/063629)  
[87] (WO2013/070559)  
[30] US (61/558,480) 2011-11-11

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[11] **2,853,938**  
[13] C

[51] **Int.Cl. E21B 33/134 (2006.01) E21B 17/06 (2006.01) E21B 33/16 (2006.01) E21B 47/00 (2012.01)**  
[25] EN  
[54] **APPARATUS AND METHOD OF FORMING A PLUG IN A WELLBORE**  
[54] **APPAREIL ET PROCEDURE DE FORMATION D'UN BOUCHON DANS UN Puits DE FORAGE**  
[72] LENDE, GUNNAR, NO  
[72] ROGERS, HANK, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-04-29  
[86] 2012-10-26 (PCT/US2012/062119)  
[87] (WO2013/070448)  
[30] US (13/290,219) 2011-11-07

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[11] **2,854,831**  
[13] C

[51] **Int.Cl. A61K 38/48 (2006.01) A61K 39/08 (2006.01) A61P 17/00 (2006.01) A61P 37/06 (2006.01) A61K 35/74 (2015.01)**  
[25] EN  
[54] **TREATMENT OF MAMMALIAN REACTION TO IGE**  
[54] **TRAITEMENT DE LA REACTION PHYSIOLOGIQUE D'UN MAMMIFERE D'ANTICORPS IGE PRESENTS DANS LEDIT MAMMIFERE EN CONTACT AVEC L'ANTIGENE CORRESPONDANT**  
[72] SANDERS, IRA, US  
[73] SANDERS, IRA, US  
[86] (2854831)  
[87] (2854831)  
[22] 2003-11-20  
[62] 2,507,115  
[30] US (60/427,749) 2002-11-21

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[11] **2,855,878**  
[13] C

[51] **Int.Cl. B05B 3/02 (2006.01) B08B 3/02 (2006.01)**  
[25] EN  
[54] **SELF REGULATING FLUID BEARING HIGH PRESSURE ROTARY NOZZLE WITH BALANCED THRUST FORCE**  
[54] **BUSE ROTATIVE HAUTE PRESSION AUTOREGULEE A PALIER FLUIDE AVEC EQUILIBRAGE DE POUSSEE**  
[72] WRIGHT, DOUGLAS E., US  
[73] STONEAGE, INC., US  
[86] (2855878)  
[87] (2855878)  
[22] 2009-12-23  
[62] 2,752,748  
[30] US (12/577,571) 2009-10-12

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[11] **2,855,898**  
[13] C

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 19/00 (2011.01) G06F 21/00 (2013.01)**

[25] EN

[54] **REMOTE CONTROL OF DIALYSIS MACHINES**

[54] **COMMANDE A DISTANCE DE DIALYSEURS**

[72] WANG, AIYUAN, US

[72] CRNKOVICH, MARTIN JOSEPH, US

[72] WANG, FEI, US

[72] LEE, SUE-JANE, US

[72] YUDS, DAVID, US

[72] LEUNG, HAK KAN, US

[72] TAM, JEFFREY, US

[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US

[85] 2014-05-14

[86] 2012-11-14 (PCT/US2012/065021)

[87] (WO2013/074635)

[30] US (13/298,740) 2011-11-17

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[11] **2,856,452**  
[13] C

[51] **Int.Cl. C08G 77/20 (2006.01) C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09J 183/04 (2006.01)**

[25] EN

[54] **COMPOSITION OF OLEFINICALLY FUNCTIONALISED SILOXANE OLIGOMERS BASED ON ALKOXY SILANES**

[54] **COMPOSITION D'OLIGOMERES SILOXANE A FONCTIONNALITE OLEFINIQUE, A BASE D'ALCOXYSILANES**

[72] STANDKE, BURKHARD, DE

[72] MIHAILESCU, IOANA-ELENA, DE

[72] MONKIEWICZ, JAROSLAW, DE

[72] ROTH, SVEN, DE

[72] IOANNIDIS, ARISTIDIS, DE

[72] WEISSENBACH, KERSTIN, DE

[73] EVONIK DEGUSSA GMBH, DE

[85] 2014-05-21

[86] 2012-11-19 (PCT/EP2012/072975)

[87] (WO2013/076036)

[30] DE (10 2011 086 862.3) 2011-11-22

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[11] **2,857,176**  
[13] C

[51] **Int.Cl. B01J 32/00 (2006.01) C07C 5/367 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING STYRENE USING MICROCHANNEL PROCESS TECHNOLOGY**

[54] **PROCEDE DE FABRICATION DE STYRENE UTILISANT UNE TECHNOLOGIE DE TRAITEMENT PAR MICROCANAU**

[72] TONKOVICH, ANNA LEE, US

[72] JAROSCH, KAI TOD PAUL, US

[72] YANG, BIN, US

[72] DALY, FRANCIS P., US

[72] HICKEY, THOMAS P., US

[72] MARCO, JEFFREY, US

[72] LAPLANTE, TIMOTHY J., US

[72] LONG, RICHARD Q., US

[73] VELOCYS, INC., US

[86] (2857176)

[87] (2857176)

[22] 2007-03-23

[62] 2,645,218

[30] US (60/785,131) 2006-03-23

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[11] **2,860,083**  
[13] C

[51] **Int.Cl. C11D 3/20 (2006.01)**

[25] EN

[54] **ACIDIC LAUNDRY DETERGENT COMPOSITIONS**

[54] **COMPOSITIONS D'ETERGENTES ACIDES POUR LESSIVE**

[72] SADLOWSKI, EUGENE STEVEN, US

[72] THOMAS, CHEYNE, US

[72] DE NIES, PETER, BE

[72] AKSOY, NILGUN ESIN, BE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-06-18

[86] 2013-01-17 (PCT/US2013/021809)

[87] (WO2013/109671)

[30] US (61/587,773) 2012-01-18

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[11] **2,860,392**  
[13] C

[51] **Int.Cl. C07D 231/20 (2006.01) A61K 31/415 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **COMPOUNDS ACTING AT MULTIPLE PROSTAGLANDIN RECEPTORS GIVING A GENERAL ANTI-INFLAMMATORY RESPONSE**

[54] **COMPOSES AGISSANT AU NIVEAU DE RECEPTEURS DE PROSTAGLANDINE MULTIPLES PRODUISANT UNE REPOSE ANTI-INFLAMMATOIRE GENERALE**

[72] KANGASMETSA, JUSSI J., GB

[72] CARLING, WILLIAM R., GB

[72] MARTOS, JOSE L., GB

[72] WANG, JENNY W., US

[72] WOODWARD, DAVID F., US

[73] ALLERGAN, INC., US

[85] 2014-06-23

[86] 2012-12-19 (PCT/US2012/070710)

[87] (WO2013/096501)

[30] US (61/578,456) 2011-12-21

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[11] **2,861,011**  
[13] C

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/02 (2006.01) E21B 29/06 (2006.01)**

[25] EN

[54] **PROTECTION OF CASING LOWSIDE WHILE MILLING CASING EXIT**

[54] **PROTECTION DU COTE BAS D'UN CUVELAGE TOUT EN FRAISANT LA SORTIE DU CUVELAGE**

[72] PARLIN, JOSEPH DEWITT, US

[72] DAHL, ESPEN, BR

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-07-11

[86] 2012-02-24 (PCT/US2012/026508)

[87] (WO2013/126070)

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[11] **2,863,251**  
[13] C

[51] **Int.Cl. H01R 13/447 (2006.01) H01R 4/36 (2006.01) H01R 9/24 (2006.01) H01R 13/502 (2006.01) H01R 13/514 (2006.01) H01R 13/518 (2006.01)**

[25] EN  
[54] **ELECTRIC COUPLING ELEMENT  
ELEMENT DE COUPLAGE  
ELECTRIQUE**

[72] BECKSTEDT, ALEXEJ, DE  
[72] RUTER, ANDREAS, DE  
[72] MEIER, HEIKO, DE  
[73] HARTING ELECTRIC GMBH & CO. KG, DE

[85] 2014-07-30  
[86] 2012-11-23 (PCT/DE2012/100357)  
[87] (WO2013/113301)  
[30] DE (10 2012 100 815.9) 2012-02-01

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[11] **2,863,892**  
[13] C

[51] **Int.Cl. C07D 491/08 (2006.01) A61K 31/4353 (2006.01) A61P 35/00 (2006.01) C07D 491/18 (2006.01) C07D 498/08 (2006.01) C07D 498/18 (2006.01) C07D 498/22 (2006.01) C07D 513/18 (2006.01)**

[25] EN  
[54] **MACROCYCLIC DERIVATIVES  
FOR THE TREATMENT OF  
PROLIFERATIVE DISEASES**

[54] **DERIVES MACROCYCLIQUES  
POUR LE TRAITEMENT DE  
MALADIES PROLIFERATIVES**

[72] BAILEY, SIMON, US  
[72] BURKE, BENJAMIN JOSEPH, US  
[72] COLLINS, MICHAEL RAYMOND, US  
[72] CUI, JINGRONG JEAN, US  
[72] DEAL, JUDITH GAIL, US  
[72] HOFFMAN, ROBERT LOUIS, US  
[72] HUANG, QINHUA, US  
[72] JOHNSON, TED WILLIAM, US  
[72] KANIA, ROBERT STEVEN, US  
[72] KATH, JOHN CHARLES, US  
[72] LE, PHUONG THI QUY, US  
[72] MCTIGUE, MICHELE ANN, US  
[72] PALMER, CYNTHIA LOUISE, US  
[72] RICHARDSON, PAUL FRANCIS, US  
[72] SACH, NEAL WILLIAM, US  
[73] PFIZER INC., US

[85] 2014-08-06  
[86] 2013-02-20 (PCT/IB2013/051391)  
[87] (WO2013/132376)  
[30] US (61/607,485) 2012-03-06  
[30] US (61/759,307) 2013-01-31

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[11] **2,865,134**  
[13] C

[51] **Int.Cl. F16C 9/04 (2006.01) B64C 27/59 (2006.01) F16C 7/00 (2006.01) F16C 11/06 (2006.01) F16C 33/04 (2006.01) F16C 41/00 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD OF  
MONITORING WEAR IN A  
BEARING**

[54] **SYSTEME ET PROCEDE DE  
SURVEILLANCE D'USURE DANS  
UN PALIER**

[72] HUNTER, DAVIS J., US  
[73] BELL HELICOPTER TEXTRON INC., US

[86] (2865134)  
[87] (2865134)  
[22] 2014-09-24  
[30] US (14/041,396) 2013-09-30

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[11] **2,866,214**  
[13] C

[51] **Int.Cl. B01J 32/00 (2006.01)**

[25] EN  
[54] **SURFACE MODIFICATION  
METHOD OF ALUMINUM OXIDE  
CARRIER**

[54] **PROCEDE DE MODIFICATION DE  
SURFACE D'UN SUPPORT  
D'OXYDE D'ALUMINIUM**

[72] ZHENG, SHENKE, CN  
[72] SONG, DECHEN, CN  
[72] ZHAN, XIAODONG, CN  
[73] SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD., CN

[85] 2014-09-03  
[86] 2013-03-04 (PCT/CN2013/072117)  
[87] (WO2013/131454)  
[30] CN (201210055808.0) 2012-03-05

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[11] **2,866,458**  
[13] C

[51] **Int.Cl. A61J 1/14 (2006.01) A61J 1/20 (2006.01) A61M 39/24 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR  
CONTAMINATION-FREE  
TRANSFER OF A HAZARDOUS  
DRUG**

[54] **PROCEDE ET APPAREIL POUR  
LE TRANSFERT SANS  
CONTAMINATION D'UNE  
SUBSTANCE DANGEREUSE**

[72] KRIHELI, MARINO, IL  
[73] PLASTMED LTD., IL

[86] (2866458)  
[87] (2866458)  
[22] 2008-04-27  
[62] 2,684,745  
[30] IL (182743) 2007-04-23  
[30] IL (189584) 2008-02-18

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[11] **2,866,500**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/30 (2006.01)**

[25] EN  
[54] **SECURE AUTHENTICATION IN A  
MULTI-PARTY SYSTEM**

[54] **AUTHENTIFICATION SECURISEE  
DANS UN SYSTEME  
MULTIPARTITE**

[72] NEUMAN, MICHAEL, US  
[72] NEUMAN, DIANA, US  
[73] AUTHENTICIFY, INC., US

[85] 2014-08-29  
[86] 2013-03-28 (PCT/US2013/034240)  
[87] (WO2013/151854)  
[30] US (61/618,813) 2012-04-01  
[30] US (61/645,252) 2012-05-10

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[11] **2,867,047**  
[13] C

[51] **Int.Cl. F17C 3/04 (2006.01) F17C 3/00 (2006.01)**  
[25] EN  
[54] **BLANKET INSTALLATION METHOD AND BLANKET UNIT**  
[54] **PROCEDE D'INSTALLATION DE COUVERCLE ET UNITE DE COUVERCLE**  
[72] SHIOMI, HIROSHI, JP  
[72] TAKAHASHI, MASAKI, JP  
[72] SUZUKI, HIDENORI, JP  
[72] NAGUMO, SATORU, JP  
[72] IWANO, AKIRA, JP  
[73] IHI CORPORATION, JP  
[85] 2014-09-10  
[86] 2013-02-27 (PCT/JP2013/055096)  
[87] (WO2013/136980)  
[30] JP (2012-055912) 2012-03-13

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[11] **2,867,408**  
[13] C

[51] **Int.Cl. F04D 17/12 (2006.01) F02C 6/08 (2006.01) F04D 29/58 (2006.01) F04D 29/44 (2006.01)**  
[25] EN  
[54] **MULTI-STAGE RADIAL COMPRESSOR UNIT COMPRISING GAS REMOVAL DURING A COMPRESSOR STAGE**  
[54] **ENSEMBLE COMPRESSEUR RADIAL MULTI-ETAGES A SOUTIRAGE DE GAZ DANS UN ETAGE DE COMPRESSION**  
[72] BUECHE, DIRK, DE  
[72] KLEYNHANS, GEORGE, CH  
[72] MISCHO, BOB, CH  
[73] MAN DIESEL & TURBO SE, DE  
[85] 2014-09-15  
[86] 2013-02-27 (PCT/EP2013/053900)  
[87] (WO2013/139568)  
[30] DE (10 2012 204 403.5) 2012-03-20

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[11] **2,867,566**  
[13] C

[51] **Int.Cl. B01D 35/30 (2006.01)**  
[25] EN  
[54] **RAMPED FILTER VESSEL**  
[54] **RECIPIENT DE FILTRE INCLINE**  
[72] HARTOG, RONALD LEWIS, US  
[73] PALL CORPORATION, US  
[86] (2867566)  
[87] (2867566)  
[22] 2014-10-16  
[30] US (61/892,692) 2013-10-18

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[11] **2,867,618**  
[13] C

[51] **Int.Cl. C09K 8/516 (2006.01) C09K 8/03 (2006.01) C09K 8/487 (2006.01)**  
[25] EN  
[54] **LOST CIRCULATION MATERIALS AND METHODS OF USING THE SAME**  
[54] **SUBSTANCES DE PERTE DE CIRCULATION ET LEURS PROCEDES D'UTILISATION**  
[72] LIVANEC, PHILIP WAYNE, US  
[72] MILLER, MATTHEW LYNN, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-09-16  
[86] 2013-01-25 (PCT/US2013/023238)  
[87] (WO2013/141960)  
[30] US (13/423,769) 2012-03-19

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[11] **2,870,212**  
[13] C

[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01) A61M 29/00 (2006.01)**  
[25] EN  
[54] **STOMA DILATOR**  
[54] **DILATATEUR DE STOMIE**  
[72] GRIFFITH, NATHAN CHRISTOPHER, US  
[72] MCMICHAEL, DONALD JAY, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[86] (2870212)  
[87] (2870212)  
[22] 2008-06-19  
[62] 2,697,873  
[30] US (11/848,502) 2007-08-31

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[11] **2,870,663**  
[13] C

[51] **Int.Cl. B29D 5/00 (2006.01)**  
[25] EN  
[54] **PLASTIC BAG MAKING APPARATUS**  
[54] **APPAREIL DE FABRICATION DE SAC DE PLASTIQUE**  
[72] NAGATA, HIROSHI, JP  
[73] TOTANI CORPORATION, JP  
[86] (2870663)  
[87] (2870663)  
[22] 2014-11-12

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[11] **2,870,779**  
[13] C

[51] **Int.Cl. F28F 9/00 (2006.01) B64D 33/10 (2006.01) F02C 7/14 (2006.01) F02C 7/141 (2006.01) F16N 39/02 (2006.01) F28D 1/00 (2006.01) F28F 3/04 (2006.01)**  
[25] EN  
[54] **SURFACE COOLER SUPPORT MECHANISM**  
[54] **MECANISME DE SOUTIEN DE REFROIDISSEUR DE SURFACE**  
[72] HUNDLEY, WALTER ARTHUR, JR., US  
[72] DREISCHARF, DEREK THOMAS, US  
[72] DRAKE, MARK PHILLIP, US  
[72] JONNALAGADDA, DATTU G. V., IN  
[73] UNISON INDUSTRIES, LLC, US  
[86] (2870779)  
[87] (2870779)  
[22] 2014-11-13  
[30] US (14/082,762) 2013-11-18

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[11] **2,870,970**  
[13] C

[51] **Int.Cl. B65B 43/50 (2006.01) B65B 25/00 (2006.01)**  
[25] EN  
[54] **CAROUSEL LOADING APPARATUS**  
[54] **APPAREIL DE CHARGE DE CARROUSEL**  
[72] SAVIGNY, ED, US  
[72] SEITZ, MIKE, US  
[73] FOX SOLUTIONS, LLC, US  
[85] 2014-10-17  
[86] 2013-04-22 (PCT/US2013/037512)  
[87] (WO2013/159080)  
[30] US (61/636,242) 2012-04-20

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[11] **2,871,203**  
[13] C

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 33/068 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **CONTROLLED APERTURE BALL DROP**  
[54] **OUTIL DE LIBERATION DE BALLES A OUVERTURE CONTROLLEE**  
[72] BEASON, RONALD B., US  
[72] CANNON, NICHOLAS J., US  
[73] OIL STATES ENERGY SERVICES, LLC., US  
[86] (2871203)  
[87] (2871203)  
[22] 2014-11-07  
[30] US (14/278,328) 2014-05-15

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[54] **VANNE D'ARRET**  
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[72] KLIMPKE, REINHARD, DE  
[73] KSB AKTIENGESELLSCHAFT, DE  
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[54] **SIDE WALL COOLING FOR A MELTING FURNACE**  
[54] **REFROIDISSEMENT DE PAROIS LATERALES DE FOURS DE FUSION**  
[72] LEMBGEN, HANS-ERICH, DE  
[72] KUNZE, JURGEN, DE  
[72] KUMMER, KARL-HEINZ, DE  
[72] STRIEDER, DETLEF, DE  
[73] SMS GROUP GMBH, DE  
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[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  
[73] HIPM MEDICAL AG, DE  
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[25] EN  
[54] **DIETARY SUPPLEMENT AND METHODS OF USE**  
[54] **SUPPLEMENT DIETETIQUE ET PROCEDES D'UTILISATION**  
[72] GAHLER, ROLAND J., CA  
[72] LYON, MICHAEL, CA  
[72] LEE, NICOLE, CA  
[73] INOVIOBIOLOGIC, INC., CA  
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[25] EN  
[54] **TENSION AND ANTI-RECOIL MECHANISM FOR CABLE TIE TOOL**  
[54] **MECANISME A TENSION ET ANTIRECUL POUR OUTIL A ATTACHES DE CABLE**  
[72] MAGNO, JOEY D., JR., SE  
[72] TAPPER, JOHAN, SE  
[72] FAHLEN, ANDERS, SE  
[72] NORIN, JOAKIM, SE  
[72] PAULSSON, GORAN, SE  
[72] WADLING, SVEN, SE  
[73] THOMAS & BETTS INTERNATIONAL, LLC, US  
[86] (2876804)  
[87] (2876804)  
[22] 2005-02-10  
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[25] EN  
[54] **PROCESS FOR THE PREPARATION OF POLYPROPYLENE WITH IMPROVED PRODUCTIVITY**  
[54] **PROCEDE POUR LA PREPARATION DE POLYPROPYLENE PRESENTANT UNE PRODUCTIVITE AMELIOREE**  
[72] NEISSL, WOLFGANG, AT  
[72] GLOGER, DIETRICH, AT  
[72] HORILL, THOMAS, AT  
[72] SANDHOLZER, MARTINA, AT  
[72] POTTER, GREGORY, AT  
[73] BOREALIS AG, AT  
[85] 2015-01-06  
[86] 2013-07-30 (PCT/EP2013/065944)  
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[54] **SUBFRAME FOR VEHICLE**  
[54] **FAUX CADRE POUR VEHICULE**  
[72] OHHAMA, SHOSUKE, JP  
[72] MIYAHARA, TETSUYA, JP  
[72] HATA, TSUNEHISA, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2015-01-14  
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[54] **DRINKING CONTAINER WITH REMOVABLE LID**

[54] **CONTENANT DE BOISSON A COUVERCLE AMOVIBLE**

[72] CONNORS, JAMES A., JR., US

[72] MEDEIROS, DAVID E., US

[72] DYS, GEORGE S., US

[72] BRITTO, JAMES J., US

[72] HESSION, JOHN A., US

[73] THE FIRST YEARS INC., US

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[54] **AN EXPANDABLE THREADED TUBULAR CONNECTION**

[54] **JOINT COULISSANT INVERSE POUR RACCORDS TUBULAIRES EXPANSIBLES**

[72] HASHEM, GHAZI J., US

[72] HARRALL, SIMON J., US

[72] RING, LEV M., US

[72] EVANS, MERLE E., US

[73] WEATHERFORD/LAMB, INC., US

[86] (2881130)

[87] (2881130)

[22] 2006-08-09

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[25] EN

[54] **IMPROVEMENTS IN SECURITY DOCUMENTS**

[54] **AMELIORATIONS APPORTEES A DES DOCUMENTS DE SECURITE**

[72] BATISTATOS, ODISEA, AU

[72] POWER, GARY FAIRLESS, AU

[73] INNOVIA SECURITY PTY LTD, AU

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[87] (2881441)

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[25] EN

[54] **AUTO-RACK RAILROAD CAR VEHICLE WHEEL CHOCK**

[54] **CALE A PLAN INCLINE POUR WAGON PORTE-AUTOMOBILES**

[72] ANDERSON, JOHN D., US

[72] PEACH, WALTER J., US

[72] BURKE, MICHAEL K., US

[73] STANDARD CAR TRUCK COMPANY, US

[86] (2880595)

[87] (2880595)

[22] 2008-03-19

[62] 2,626,241

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[13] C

[51] **Int.Cl. G01V 7/12 (2006.01)**

[25] EN

[54] **DOUBLE PENDULUM GRAVIMETER AND METHOD OF MEASURING GRAVITY USING THE SAME**

[54] **GRAVIMETRE A DOUBLE PENDULE ET METHODE DE MESURE DE LA GRAVITE A L'AIDE DUDIT GRAVIMETRE**

[72] NIEBAUER, TIMOTHY M., US

[73] MICRO-G LACOSTE, INC., US

[86] (2881160)

[87] (2881160)

[22] 2015-02-06

[30] US (14/182,091) 2014-02-17

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[51] **Int.Cl. C03C 27/10 (2006.01) D04H 1/4242 (2012.01) D04H 1/587 (2012.01) D04H 1/64 (2012.01)**

[25] EN

[54] **FORMALDEHYDE-FREE BINDER COMPOSITIONS AND METHODS OF MAKING THE BINDERS**

[54] **COMPOSITIONS DE LIANTS SANS FORMALDEHYDE ET PROCEDES DE FABRICATION DES LIANTS**

[72] SHOOSHTARI, KIARASH ALAVI, US

[72] LESTER, URANCHIMEG, US

[72] ASRAR, JAWED, US

[73] JOHNS MANVILLE, US

[85] 2015-01-22

[86] 2013-07-31 (PCT/US2013/052902)

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[13] C

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[25] EN

[54] **SYSTEM AND METHODS FOR BELT CONVEYOR WEIGHING**

[54] **SYSTEMES ET PROCEDES POUR PESAGE DE TRANSPORTEUR A COURROIE**

[72] HYER, FRANK S., US

[72] TOLLES, RICHARD J., US

[73] HYER INDUSTRIES, INC., US

[85] 2015-02-27

[86] 2013-07-26 (PCT/US2013/052251)

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[25] EN

[54] **MULTIFUEL GAS TURBINE COMBUSTOR**

[54] **CHAMBRE DE COMBUSTION DE TURBINE A GAZ A CARBURANTS MULTIPLES**

[72] OGATA, MASAHIRO, JP

[72] ODA, TAKEO, JP

[72] KINOSHITA, YASUHIRO, JP

[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP

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[54] **WALLBOARD CORNER FINISHING STRIP**

[54] **SECTION DE FINITION D'ANGLE DE PANNEAU MURAL**

[72] ROSENTHAL, GUY, US

[72] MOYER, KEVIN, US

[72] CAREY, JAMES, US

[73] UNITED STATES GYPSUM COMPANY, US

[85] 2015-03-25

[86] 2013-09-19 (PCT/US2013/060576)

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[30] US (13/804,890) 2013-03-14

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[13] C

[51] **Int.Cl. C08F 20/06 (2006.01) C08F 2/38 (2006.01) C08L 33/02 (2006.01) C09C 3/04 (2006.01) C09C 3/10 (2006.01)**

[25] FR

[54] **METHOD FOR POLYMERISING (METH)ACRYLIC ACID IN SOLUTION, POLYMER SOLUTIONS OBTAINED AND USES THEREOF**

[54] **PROCEDE DE POLYMERISATION DE L'ACIDE (METH)ACRYLIQUE EN SOLUTION, SOLUTIONS DE POLYMERES OBTENUES ET LEURS UTILISATIONS**

[72] SUAU, JEAN-MARC, FR

[72] JACQUEMET, CHRISTIAN, FR

[72] MONGOIN, JACQUES, FR

[73] COATEX, FR

[85] 2015-03-25

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[87] (WO2014/049252)

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[13] C

[51] **Int.Cl. H04L 12/725 (2013.01) H04L 12/721 (2013.01) H04L 12/751 (2013.01)**

[25] EN

[54] **NETWORK PATH SELECTION USING BANDWIDTH PREDICTION**

[54] **SELECTION D'UN CHEMIN DE RESEAU A L'AIDE D'UNE PREDICTION DE BANDE PASSANTE**

[72] SELLA, WILLIAM THOMAS, US

[73] LEVEL 3 COMMUNICATIONS, LLC, US

[86] (2887738)

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[13] C

[51] **Int.Cl. E21B 17/02 (2006.01) E21B 19/18 (2006.01)**

[25] EN

[54] **DRILL STRING CONSTANT VELOCITY CONNECTION**

[54] **RACCORD A VITESSE CONSTANTE POUR TRAIN DE TIGES DE FORAGE**

[72] KANJI, KARIM N., CA

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-04-07

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[25] EN

[54] **BRAKE CYLINDER MAINTAINING VALVE**

[54] **SOUPAPE DE MAINTIEN D'UN CYLINDRE DE FREIN**

[72] CALL, DERICK, US

[72] CONNELL, JASON, US

[72] NEWTON, STEVEN R., US

[73] NEW YORK AIR BRAKE LLC, US

[85] 2015-04-15

[86] 2013-10-16 (PCT/US2013/065247)

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[54] **BALLISTIC UNDERWEAR**

[54] **SOUS-VETEMENTS POURVUS D'UN EQUIPEMENT BALISTIQUE**

[72] FREIER, KATRIN, DE

[73] BLUCHER GMBH, DE

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[54] **LOAD BEAM ASSEMBLY**  
[54] **ENSEMBLE DE POUTRE DE CHARGE**  
[72] KNOX, H. THOMAS, US  
[73] ANCRA INTERNATIONAL LLC, US  
[85] 2015-04-20  
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[54] **SYSTEM AND METHOD FOR OBJECT TRACKING ANTI-JITTER FILTERING**  
[54] **SYSTEME ET PROCEDE POUR FILTRAGE ANTI-GIGUE DE SUIVI D'OBJET**  
[72] DEANGELIS, DOUGLAS J., US  
[72] REILLY, GERARD M., US  
[72] SIGEL, KIRK M., US  
[72] EVANSEN, EDWARD G., US  
[73] ISOLYNX, LLC, US  
[85] 2015-05-01  
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[54] **DETERMINING INFLUENCE IN A SOCIAL NETWORKING SYSTEM**  
[54] **DETERMINATION DE L'INFLUENCE DANS UN SYSTEME DE RESEAUTAGE SOCIAL**  
[72] BOSWORTH, ANDREW G., US  
[72] BHARATHI, ARUNA, US  
[73] FACEBOOK, INC., US  
[85] 2015-05-08  
[86] 2013-11-13 (PCT/US2013/069855)  
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[25] EN  
[54] **TREATMENT FOR PULMONARY HYPERTENSION**  
[54] **TRAITEMENT POUR L'HYPERTENSION PULMONAIRE**  
[72] ROTHBLATT, MARTINE A., US  
[72] RUBIN, LEWIS J., US  
[73] UNITED THERAPEUTICS CORPORATION, US  
[86] (2892104)  
[87] (2892104)  
[22] 2011-03-14  
[62] 2,791,081  
[30] US (61/282,659) 2010-03-15

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[13] C

[51] **Int.Cl. F04D 27/00 (2006.01) F04D 25/08 (2006.01) G01M 13/04 (2006.01) G01R 31/34 (2006.01)**  
[25] EN  
[54] **MONITORING FAN MOTOR CONDITION BASED ON THE TIME REQUIRED TO ACHIEVE A CHANGE IN SPEED**  
[54] **CONTROLE DE L'ETAT DU MOTEUR D'UN VENTILATEUR SUR LA BASE D'UNE DUREE NECESSAIRE POUR OPERER UN CHANGEMENT DE VITESSE**  
[72] POWELL, JOE, US  
[72] LISBONA, RANDALL L., US  
[73] LENNOX INDUSTRIES INC., US  
[85] 2015-05-20  
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[25] EN  
[54] **ANIONIC LIPOPHILIC GLYCEROL-BASED POLYMERS FOR ORGANIC DEPOSITION CONTROL IN PAPERMAKING PROCESSES**  
[54] **POLYMERES A BASE DE GLYCEROL LIPOPHILES ANIONIQUES POUR UNE REGULATION DE DEPOT ORGANIQUE DANS DES PROCESSUS DE FABRICATION DE PAPIER**  
[72] LI, XIAOJIN HARRY, US  
[72] RICHARDSON, PAUL, US  
[72] YUAN, QING QING, CN  
[72] DONG, QUN, CN  
[73] NALCO COMPANY, US  
[85] 2015-05-26  
[86] 2013-12-16 (PCT/US2013/075438)  
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[13] C

[51] **Int.Cl. G05B 19/045 (2006.01) G05B 17/02 (2006.01)**  
[25] EN  
[54] **AUTOMATION SYSTEM AND METHOD OF MANUFACTURING PRODUCTS USING AUTOMATED EQUIPMENT**  
[54] **SYSTEME ET PROCEDE AUTOMATIQUES PERMETTANT DE FABRIQUER DES PRODUITS A L'AIDE D'UN EQUIPEMENT AUTOMATISE**  
[72] COTE, PIERRE E., CA  
[73] P.C. AUTOMAX INC., CA  
[85] 2015-06-23  
[86] 2014-02-27 (PCT/CA2014/050144)  
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[13] C

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[25] EN  
[54] **A METHOD AND APPARATUS FOR SEPARATING A DRIVER AND A PICK-OFF OF A VIBRATING SENSOR ASSEMBLY**  
[54] **METHODE ET APPAREIL DE SEPARATION D'UN PILOTE ET D'UN DETECTEUR D'ECART DANS UN DISPOSITIF DE DETECTION DE VIBRATION**  
[72] LANHAM, GREGORY TREAT, US  
[72] WERBACH, CHRISTOPHER A., US  
[73] MICRO MOTION, INC., US  
[86] (2895647)  
[87] (2895647)  
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[62] 2,765,501

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[13] C

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[25] EN  
[54] **TWO-WAY COMMUNICATION SYSTEM FOR TRACKING LOCATIONS AND STATUSES OF WHEELED VEHICLES**  
[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNEL PERMETTANT DE SUIVRE LES POSITIONS ET LES ETATS DE VEHICULES A ROUES**  
[72] HANNAH, STEPHEN E., US  
[72] CARTER, SCOTT J., US  
[72] JAMES, JESSE M., US  
[73] GATEKEEPER SYSTEMS, INC., US  
[86] (2896121)  
[87] (2896121)  
[22] 2006-03-20  
[62] 2,601,565  
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[30] US (60/663,195) 2005-03-18  
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[13] C

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[25] EN  
[54] **IMPROVED FRAME STRUCTURE FOR A COMMUNICATION SYSTEM USING ADAPTIVE MODULATION**  
[54] **VERROUILLAGE DE TRAME AMELIORE POUR SYSTEME DE COMMUNICATION A MODULATION ADAPTATIVE**  
[72] CHEN, AN, US  
[72] KLEIN, ISRAEL J., US  
[72] STANWOOD, KENNETH L., US  
[72] LIN, GEORGE, US  
[73] WI-LAN INC., CA  
[86] (2899094)  
[87] (2899094)  
[22] 2001-11-15  
[62] 2,825,592  
[30] US (60/249,065) 2000-11-15

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[13] C

[51] **Int.Cl. B65D 41/32 (2006.01)**  
[25] EN  
[54] **MEDICAL VIAL CAP**  
[54] **BOUCHON DE FLACON MEDICAL**  
[72] FRISHMAN, ABE, US  
[73] WORLD BOTTLING CAP, LLC, US  
[85] 2015-07-24  
[86] 2014-02-04 (PCT/US2014/014555)  
[87] (WO2014/121249)  
[30] US (13/758,623) 2013-02-04  
[30] US (14/098,208) 2013-12-05

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[11] **2,899,825**  
[13] C

[51] **Int.Cl. B60K 15/03 (2006.01) B60K 8/00 (2006.01) B66F 9/075 (2006.01)**  
[25] EN  
[54] **STRUCTURE FOR SECURING HYDROGEN TANK IN FUEL-CELL-TYPE INDUSTRIAL VEHICLE AND FUEL CELL UNIT**  
[54] **STRUCTURE DE FIXATION DE RESERVOIR D'HYDROGENE DANS UN VEHICULE INDUSTRIEL DE TYPE A PILE A COMBUSTIBLE ET UNITE POUR PILE A COMBUSTIBLE**  
[72] SHIMOYANA, YUSUKE, JP  
[72] ITO, HIROSHI, JP  
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP  
[85] 2015-07-30  
[86] 2014-01-29 (PCT/JP2014/051925)  
[87] (WO2014/123040)  
[30] JP (2013-021163) 2013-02-06

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[11] **2,900,970**  
[13] C

[51] **Int.Cl. G01N 30/88 (2006.01) B01D 15/08 (2006.01) B01J 20/08 (2006.01) B01J 20/10 (2006.01) B01J 20/20 (2006.01) G01N 30/46 (2006.01)**  
[25] EN  
[54] **METHOD FOR FRACTIONATING DIOXINS**  
[54] **PROCEDE DE FRACTIONNEMENT DE DIOXINES**  
[72] FUJITA, HIROYUKI, JP  
[72] NAKAMURA, HIROFUMI, JP  
[73] MIURA CO., LTD., JP  
[85] 2015-08-19  
[86] 2013-05-27 (PCT/JP2013/064614)  
[87] (WO2014/192056)

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30 août 2016**

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[11] **2,901,725**  
[13] C

[51] **Int.Cl. G06F 21/34 (2013.01) G06Q 20/40 (2012.01) G06F 21/32 (2013.01)**

[25] EN

[54] **A METHOD, DEVICE AND SYSTEM FOR SECURE TRANSACTIONS**

[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR TRANSACTIONS SECURISEES**

[72] SVIGALS, JEROME, US  
[72] SVIGALS, HOWARD M., US  
[72] INGALLS, GEOFF, US  
[73] SVIGALS, JEROME, US  
[73] SVIGALS, HOWARD M., US  
[73] INGALLS, GEOFF, US  
[85] 2015-08-18  
[86] 2013-04-10 (PCT/US2013/036035)  
[87] (WO2013/155226)  
[30] US (13/444,551) 2012-04-11  
[30] US (61/688,465) 2012-05-16  
[30] US (61/742,712) 2012-08-17  
[30] US (61/795,190) 2012-10-12

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[11] **2,901,743**  
[13] C

[51] **Int.Cl. A01N 43/84 (2006.01) A01P 1/00 (2006.01) A61K 31/538 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **BENZOTHIOMORPHOLINE AND BENZOMORPHOLINE DERIVATIVES AS BIOFILM INHIBITORS**

[54] **BENZOTHIOMORPHOLINE ET DERIVES DE DE BENZOMORPHOLINE COMME INHIBITEURS DE BIOFILM**

[72] LININGTON, ROGER, US  
[72] GURCAN, HAVVA FITNAT, US  
[72] PEACH, KELLY CORBUS, US  
[72] CHENG, ANDREW T., US  
[73] LININGTON, ROGER, US  
[73] GURCAN, HAVVA FITNAT, US  
[73] PEACH, KELLY CORBUS, US  
[73] CHENG, ANDREW T., US  
[85] 2015-08-18  
[86] 2014-02-19 (PCT/US2014/017222)  
[87] (WO2014/130587)  
[30] US (61/766,558) 2013-02-19

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[11] **2,902,676**  
[13] C

[51] **Int.Cl. A61F 2/16 (2006.01) G02B 3/14 (2006.01)**

[25] EN

[54] **ACCOMMODATING INTRAOCULAR LENS AND METHODS OF USE**

[54] **LENTILLE INTRAOCULAIRE D'ACCOMMODATION SOUPLE ET SON PROCEDE D'UTILISATION**

[72] CLARKE, GERALD, US  
[73] CLARKE, GERALD, US  
[86] (2902676)  
[87] (2902676)  
[22] 2006-07-18  
[62] 2,615,825  
[30] US (11/185,279) 2005-07-19

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[11] **2,903,430**  
[13] C

[51] **Int.Cl. E01B 29/05 (2006.01)**

[25] EN

[54] **SYSTEM FOR GUIDING RAILS ON A RAIL TRAIN**

[54] **SYSTEME DE GUIDAGE DE RAILS SUR UNE RAME DE LONGS RAILS SOUDES**

[72] HERZOG, STANLEY M., US  
[72] BOUNDS, IVAN E., US  
[73] HERZOG RAILROAD SERVICES, INC., US  
[85] 2015-08-31  
[86] 2014-03-05 (PCT/US2014/020492)  
[87] (WO2014/164090)  
[30] US (61/776,153) 2013-03-11  
[30] US (14/082,377) 2013-11-18

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[11] **2,905,858**  
[13] C

[51] **Int.Cl. A01C 7/00 (2006.01) A01C 15/00 (2006.01)**

[25] EN

[54] **ELECTRICALLY POWERED HAND SPREADER**

[54] **EPANDEUSE MANUELLE A ALIMENTATION ELECTRIQUE**

[72] MARCONI, FRED, US  
[73] MARCONI, FRED, US  
[85] 2015-09-11  
[86] 2014-02-26 (PCT/US2014/018493)  
[87] (WO2014/149443)  
[30] US (13/833,560) 2013-03-15

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[11] **2,907,550**  
[13] C

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/041 (2006.01)**

[25] EN

[54] **NAVIGATING APPLICATIONS USING SIDE-MOUNTED TOUCHPAD**

[54] **APPLICATIONS DE NAVIGATION A L'AIDE D'UN PAVE TACTILE LATERAL**

[72] PAKIPOS, MATTHEW NICHOLAS, US  
[72] CAHILL, MATTHEW, US  
[73] FACEBOOK, INC., US  
[86] (2907550)  
[87] (2907550)  
[22] 2012-09-13  
[62] 2,852,664  
[30] US (13/275,095) 2011-10-17

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[11] **2,907,862**  
[13] C

[51] **Int.Cl. C09K 8/80 (2006.01) C08G 61/08 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **POLYMER MATERIAL FOR PROPPANT AND METHOD FOR PRODUCING THE SAME**

[54] **MATERIAU POLYMERE POUR AGENT DE SOUTÈNEMENT ET PROCEDE DE SA PRODUCTION**

[72] AFANASIEV, VLADIMIR VLADIMIROVICH, RU  
[72] ALKHIMOV, SERGEY ANATOLIEVICH, RU  
[72] BESPALOVA, NATALIYA BORISOVNA, RU  
[72] SHUTKO, EGOR VLADIMIROVICH, RU  
[72] YUMASHEVA, TATYANA MODESTOVNA, RU  
[72] KISELEV, IGOR ALEKSEEVICH, RU  
[72] MASLOBOYSCHIKOVA, OLGA VASILIEVNA, RU  
[73] OTKRYTOE AKTSYONERNOE OBSHESTVO "ROSNEFT OIL COMPANY", RU  
[85] 2015-09-22  
[86] 2014-05-13 (PCT/RU2014/000337)  
[87] (WO2014/185821)  
[30] RU (2013122087) 2013-05-15

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[11] **2,909,855**  
[13] C  
[51] **Int.Cl. C12G 3/04 (2006.01) A61K 9/00 (2006.01) A61K 31/047 (2006.01) A61K 31/7004 (2006.01) A61K 31/7016 (2006.01) A61K 31/704 (2006.01)**  
[25] EN  
[54] **REDUCED TOXICITY IN ALCOHOLIC BEVERAGES**  
[54] **TOXICITE REDUITE DANS DES BOISSONS ALCOOLISEES**  
[72] CHIGURUPATI, HARSHA, IN  
[72] BIYANI, MANISH RADHESHYAM, IN  
[72] AUDDY, BISWAJIT, IN  
[73] CHIGURUPATI, HARSHA, IN  
[85] 2015-10-19  
[86] 2014-04-28 (PCT/IB2014/061051)  
[87] (WO2014/177989)  
[30] IN (1894/CHE/2013) 2013-04-29

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[11] **2,910,166**  
[13] C  
[51] **Int.Cl. E21B 47/13 (2012.01) G08C 19/14 (2006.01) H04J 1/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TRANSMITTING A DATA FRAME OF AN ELECTROMAGNETIC TELEMETRY SIGNAL TO OR FROM A DOWNHOLE LOCATION**  
[54] **PROCEDE ET SYSTEME DE TRANSMISSION D'UNE TRAME DE DONNEES D'UN SIGNAL DE TELEMETRIE ELECTROMAGNETIQUE VERS OU DEPUIS UN EMPLACEMENT EN FOND DE Puits**  
[72] SWITZER, DAVID, CA  
[72] LIU, JILL, CA  
[72] XU, MINGDONG, CA  
[72] LOGAN, AARON W., CA  
[73] EVOLUTION ENGINEERING INC., CA  
[85] 2015-10-21  
[86] 2014-05-02 (PCT/CA2014/050423)  
[87] (WO2014/176703)  
[30] US (61/819,425) 2013-05-03

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[11] **2,910,532**  
[13] C  
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 72/10 (2009.01) H04W 84/10 (2009.01)**  
[25] EN  
[54] **DIGITAL CORDLESS TELEPHONE SYSTEM FOR BUSINESS USE, INTERFERENCE AVOIDANCE METHOD, AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM STORING INTERFERENCE AVOIDANCE PROGRAM**  
[54] **SYSTEME DE TELEPHONE SANS FIL NUMERIQUE POUR BUREAU, PROCEDE D'EVITEMENT D'INTERFERENCE ET SUPPORT LISIBLE PAR ORDINATEUR NON TEMPORAIRE SUR LEQUEL UN PROGRAMME D'EVITEMENT D'INTERFERENCE A ETE STOCKE**  
[72] KOBAYASHI, MITSUO, JP  
[73] NEC PLATFORMS, LTD., JP  
[85] 2015-10-27  
[86] 2014-06-30 (PCT/JP2014/003474)  
[87] (WO2015/011876)  
[30] JP (2013-153134) 2013-07-24

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[11] **2,912,014**  
[13] C  
[51] **Int.Cl. B26D 3/11 (2006.01)**  
[25] EN  
[54] **DEVICE FOR SPIRAL CUTTING A CUT RESISTANT MATERIAL**  
[54] **DISPOSITIF DE COUPE EN SPIRALE D'UN MATERIAU RESISTANT A LA COUPE**  
[72] SCHILLHEIM, RUDOLF, DE  
[73] GEFU-KUCHENBOSS GMBH & CO. KG, DE  
[85] 2015-11-12  
[86] 2014-06-02 (PCT/EP2014/061357)  
[87] (WO2015/185089)

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[11] **2,914,650**  
[13] C  
[51] **Int.Cl. G06T 1/00 (2006.01) G06F 3/00 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **DETERMINING AN IMAGE LAYOUT**  
[54] **DETERMINATION DE PRESENTATION D'IMAGE**  
[72] CHEDEAU, CHRISTOPHER SERGE BENJAMIN, US  
[73] FACEBOOK, INC., US  
[85] 2015-12-04  
[86] 2014-06-09 (PCT/US2014/041457)  
[87] (WO2014/200879)  
[30] US (13/915,335) 2013-06-11

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[11] **2,915,714**  
[13] C  
[51] **Int.Cl. G02B 6/40 (2006.01) G02B 6/44 (2006.01)**  
[25] EN  
[54] **OPTICAL FIBER FURCATION ASSEMBLY AND METHOD**  
[54] **ENSEMBLE FURCATION DE FIBRES OPTIQUES ET PROCEDE**  
[72] COURCHAIINE, WILFRED, US  
[72] VAUGHN, ROGER, US  
[73] AFL TELECOMMUNICATIONS LLC, US  
[85] 2015-12-10  
[86] 2014-06-10 (PCT/US2014/041706)  
[87] (WO2014/200999)  
[30] US (61/833,395) 2013-06-10

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[11] **2,917,533**  
[13] C  
[51] **Int.Cl. A63B 21/015 (2006.01) A63B 21/00 (2006.01) A63B 21/012 (2006.01) A63B 21/06 (2006.01) A63B 22/14 (2006.01) A63B 22/18 (2006.01) A63B 22/20 (2006.01) A63B 23/02 (2006.01) A63B 21/062 (2006.01)**  
[25] EN  
[54] **TRAINING DEVICE**  
[54] **APPAREIL D'ENTRAINEMENT**  
[72] RAHNASTO, OLLI, FI  
[72] RAHNASTO, KIRSI, FI  
[73] OLKICONTROL OY, FI  
[85] 2016-01-06  
[86] 2013-07-10 (PCT/FI2013/050742)  
[87] (WO2015/004308)

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[11] **2,917,938**

[13] C

[51] **Int.Cl. G09B 23/30 (2006.01) A61B  
5/055 (2006.01) A61B 6/03 (2006.01)**

[25] EN

[54] **SURGICAL TRAINING AND  
IMAGING BRAIN PHANTOM**

[54] **CERVEAU FANTOME  
D'IMAGERIE ET DE FORMATION  
CHIRURGICALE**

[72] PIRON, CAMERON, CA

[72] RICHMOND, JOSHUA, CA

[72] LAU, WILLIAM, CA

[72] THINGVOLD, SHERYL, CA

[73] SYNAPTIVE MEDICAL  
(BARBADOS) INC., BB

[85] 2016-01-08

[86] 2014-07-10 (PCT/CA2014/050659)

[87] (WO2015/003271)

[30] US (61/845,256) 2013-07-11

[30] US (61/900,122) 2013-11-05

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[11] **2,923,316**

[13] C

[51] **Int.Cl. F16B 2/10 (2006.01) B25B 5/12  
(2006.01)**

[25] EN

[54] **CLAMP**

[54] **AGRAFE**

[72] WOILER, CHRISTOPHER A., US

[72] DUNHAM, DEAN D., US

[72] JONES, MICHAEL, US

[72] OPP, MICHAEL J., US

[72] RUFF, JAMES D., US

[73] KEY TECHNOLOGY, INC., US

[85] 2016-03-08

[86] 2014-08-05 (PCT/US2014/049697)

[87] (WO2015/034615)

[30] US (14/021,732) 2013-09-09

# Canadian Applications Open to Public Inspection

August 14, 2016 to August 20, 2016

## Demandes canadiennes mises à la disponibilité du public

14 août 2016 au 20 août 2016

[21] <b>2,881,831</b> [13] A1	[21] <b>2,882,081</b> [13] A1	[21] <b>2,882,150</b> [13] A1
[51] <b>Int.Cl. H04W 4/00 (2009.01) H04W 4/18 (2009.01)</b>	[51] <b>Int.Cl. A63C 5/052 (2006.01) A63C 5/06 (2006.01) B62B 17/02 (2006.01)</b>	[51] <b>Int.Cl. B25G 1/01 (2006.01) A01B 1/02 (2006.01)</b>
[25] FR	[25] EN	[25] EN
[54] <b>DESIGN OF AN APPLICATION ON A SMART PHONE</b>	[54] <b>SNOWMOBILE SKI TIP</b>	[54] <b>ADJUSTABLE COMPRESSIBLE TOOL HANDLE</b>
[54] <b>CONCEPTION D'UNE APPLICATION SUR UN TELEPHONE INTELLIGENT</b>	[72] <b>BEDARD, YVON, CA</b>	[54] <b>POIGNEE D'OUTIL COMPRESSIBLE AJUSTABLE</b>
[72] <b>LEBLANC, REJEAN, JR., CA</b>	[72] <b>GAGNON, PASCAL, CA</b>	[72] <b>FLAHERTY, STEVE, CA</b>
[71] <b>LEBLANC, REJEAN, JR., CA</b>	[71] <b>BOMBARDIER RECREATIONAL PRODUCTS INC., CA</b>	[71] <b>FLAHERTY, STEVE, CA</b>
[22] 2015-02-16	[22] 2015-02-16	[22] 2015-02-18
[41] 2016-08-16	[41] 2016-08-16	[41] 2016-08-18
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[21] <b>2,882,024</b> [13] A1	[21] <b>2,882,098</b> [13] A1	[21] <b>2,882,152</b> [13] A1
[51] <b>Int.Cl. H01R 24/00 (2011.01) H01B 7/08 (2006.01) H01B 7/18 (2006.01) H01B 7/36 (2006.01) H01B 9/00 (2006.01)</b>	[51] <b>Int.Cl. B03B 9/02 (2006.01)</b>	[51] <b>Int.Cl. F04B 23/00 (2006.01) H02S 10/40 (2014.01) H02S 20/30 (2014.01) F03G 6/00 (2006.01) F04B 17/06 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>BRAIDED DECORATIVE ELECTRICAL EXTENSION CORD</b>	[54] <b>A METHOD FOR INTERLAYER DEPOSITION OF A SOFT OIL SANDS TAILINGS MUD LAYER AND A COARSE SAND LAYER</b>	[54] <b>CLIFFORD PORTABLE HIGH VOLUME SOLAR POWERED WATER PUMPING SYSTEM</b>
[54] <b>RALLONGE ELECTRIQUE DECORATIVE TRESSEE</b>	[54] <b>UN PROCEDE DE DEPOT INTER COUCHE D'UNE COUCHE DE BOUE DE RESIDUS DE SABLES BITUMINEUX MOUS ET D'UNE COUCHE DE SABLE GROSSIER</b>	[54] <b>DISPOSITIF DE POMPAGE D'EAU CLIFFORD PORTATIF A VOLUME ELEVE ALIMENTE A L'ENERGIE SOLAIRE</b>
[72] <b>CHAIMBERG, ADAM, CA</b>	[72] <b>GU, GUOXING, CA</b>	[72] <b>CLIFFORD, COLE R., CA</b>
[71] <b>GLOBE ELECTRIC COMPANY INC., CA</b>	[71] <b>GU, GUOXING, CA</b>	[72] <b>CLIFFORD, CURTIS R., CA</b>
[22] 2015-02-17	[22] 2015-02-16	[72] <b>CLIFFORD, FRED E., CA</b>
[41] 2016-08-17	[41] 2016-08-16	[71] <b>CLIFFORD, COLE R., CA</b>
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[21] <b>2,882,041</b> [13] A1	[21] <b>2,882,124</b> [13] A1	[71] <b>CLIFFORD, CURTIS R., CA</b>
[51] <b>Int.Cl. B60Q 1/30 (2006.01) B60Q 1/48 (2006.01) B60Q 1/50 (2006.01)</b>	[51] <b>Int.Cl. A61C 19/04 (2006.01) A61C 5/02 (2006.01)</b>	[71] <b>CLIFFORD, FRED E., CA</b>
[25] EN	[25] EN	[22] 2015-02-17
[54] <b>FLASHING PARKING OUT LIGHT</b>	[54] <b>ENDODONTIC FILE FOR ASSESSING ROOT CANAL DEPTH</b>	[41] 2016-08-17
[54] <b>FEU CLIGNOTANT DE SORTIE DE STATIONNEMENT</b>	[54] <b>LIME ENDODONTIQUE DESTINEE A L'EVALUATION DE LA PROFONDEUR D'UN CANAL</b>	
[72] <b>SCHNETZ, ADOLF, CA</b>	[72] <b>ANDREOU, PANAYIOTIS, CA</b>	
[71] <b>SCHNETZ, ADOLF, CA</b>	[71] <b>ANDREOU, PANAYIOTIS, CA</b>	
[22] 2015-02-17	[22] 2015-02-16	
[41] 2016-08-17	[41] 2016-08-16	



**Demandes canadiennes mises à la disponibilité du public  
14 août 2016 au 20 août 2016**

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[21] **2,882,172**  
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **PROCESS OF FINES REMOVAL FROM OILSANDS BITUMEN**  
[54] **PROCEDE D'EXTRACTION DE FINES DU BITUME DE SABLES BITUMINEUX**  
[72] ZHAO, JUN, CA  
[72] GRAY, MURRAY, QA  
[72] LIU, QI, CA  
[72] GHOSH, MAINAK, CA  
[72] DUNN, JAMES, CA  
[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[22] 2015-02-17  
[41] 2016-08-17

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[21] **2,882,208**  
[13] A1

[51] **Int.Cl. A23B 7/00 (2006.01) F21K 9/00 (2016.01) A23B 7/04 (2006.01) B65B 55/00 (2006.01) F21V 33/00 (2006.01) F25D 27/00 (2006.01) H05B 37/02 (2006.01) H04W 84/18 (2009.01)**  
[25] EN  
[54] **A COLD STORAGE COMPARTMENT COMPRISING A 24 HOUR MODULATED AND WIRELESSLY INTERRUPTIBLE ILLUMINATION CYCLE**  
[54] **UN COMPARTIMENT DE RANGEMENT FROID COMPORTANT UN CYCLE D'ECLAIRAGE MODULE SUR 24 HEURES INTERRUPTIBLE SANS FIL**  
[72] ZEBEROFF, ANTHONY, CA  
[71] ZEBEROFF, ANTHONY, CA  
[22] 2015-02-19  
[41] 2016-08-19

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[21] **2,882,212**  
[13] A1

[51] **Int.Cl. E04B 1/74 (2006.01)**  
[25] EN  
[54] **I FOAM INSULATION PANELS**  
[54] **PANNEAU ISOLANT EN MOUSSE I**  
[72] UNKNOWN, ZZ  
[71] HARMAN, WILLIAM G., CA  
[22] 2015-02-18  
[41] 2016-08-18

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[21] **2,882,230**  
[13] A1

[51] **Int.Cl. A61M 3/02 (2006.01) A61M 1/00 (2006.01) A61M 3/00 (2006.01) F16L 11/11 (2006.01)**  
[25] EN  
[54] **COLLAPSIBLE AND EXPANDABLE CORRUGATED HOSE WITH DIRECTIONAL HAND-PUMP FOR COLON HYDROTHERAPY**  
[54] **TUYAU ONDULE EXTENSIBLE ET ECRASABLE DOTE D'UNE POMPE MANUELLE DIRECTIONNELLE DESTINE A L'HYDROTHERAPIE DU COLON**  
[72] VOGEL, DELMAR, CA  
[71] VOGEL, DELMAR, CA  
[22] 2015-02-18  
[41] 2016-08-18

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[21] **2,882,305**  
[13] A1

[51] **Int.Cl. G05B 19/418 (2006.01) G05B 23/02 (2006.01) H04L 12/40 (2006.01)**  
[25] EN  
[54] **RUGGED REMOTE UNIVERSAL INPUT/OUTPUT SYSTEM**  
[54] **DISPOSITIF ENTREE/SORTIE UNIVERSEL DISTANT ROBUSTE**  
[72] GUNTHORPE, LOGAN S., CA  
[72] CUNNINGHAM, STEVE, CA  
[71] GUNTHORPE, GARY E., CA  
[22] 2015-02-17  
[41] 2016-08-17

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[21] **2,882,313**  
[13] A1

[51] **Int.Cl. E05B 73/00 (2006.01) B43K 25/00 (2006.01) B43K 29/00 (2006.01)**  
[25] EN  
[54] **LOCKING MECHANISM FOR RELEASABLY SECURING A WRITING INSTRUMENT TO A TETHER**  
[54] **MECANISME DE BLOCAGE DESTINE A FIXER DE MANIERE AMOVIBLE UN INSTRUMENT D-ECRITURE A UN CABLE D'ATTACHE**  
[72] LANTEIGNE, ERIC, CA  
[71] LANTEIGNE, ERIC, CA  
[22] 2015-02-19  
[41] 2016-08-19

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[21] **2,882,399**  
[13] A1

[51] **Int.Cl. B65D 5/18 (2006.01)**  
[25] EN  
[54] **BLANK AND BOX WITH MULTI-LAYER INTERNAL SUPPORT**  
[54] **EBAUCHE ET BOITE DOTE D'UN SUPPORT INTERNE MULTICOUCHE**  
[72] CAMERON, HUGH T., CA  
[71] RETAIL READY PACKAGES INC., CA  
[22] 2015-02-19  
[41] 2016-08-19

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[21] **2,882,460**  
[13] A1

[51] **Int.Cl. B65D 25/40 (2006.01) B01D 35/02 (2006.01)**  
[25] EN  
[54] **COMBINATION SPOUT AND FILTER, PARTICULARLY FOR PAINT BARRELS**  
[54] **COMBINAISON DE BEC ET FILTRE, NOTAMMENT DESTINEE A DES BARILS DE PEINTURE**  
[72] BATISTAKIS, PAUL, CA  
[71] BATISTAKIS, PAUL, CA  
[22] 2015-02-19  
[41] 2016-08-19

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[21] **2,882,609**  
[13] A1

[51] **Int.Cl. B01D 15/08 (2006.01) B03B 9/02 (2006.01)**  
[25] EN  
[54] **REMOVAL OF RESIDUAL BITUMEN FROM OIL SANDS TAILINGS**  
[54] **EXTRACTION DE BITUME RESIDUEL DE RESIDUS DE SABLES BITUMINEUX**  
[72] FRANSHAM, PETER, CA  
[72] LEGGETT, CORY, CA  
[71] FRANSHAM, PETER, CA  
[71] LEGGETT, CORY, CA  
[22] 2015-02-20  
[41] 2016-08-20

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[21] **2,882,635**  
[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01) G06F 9/445 (2006.01) G06K 9/18 (2006.01) H04L 9/30 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **HIGH SECURITY ASSURANCE COMPUTING DEVICE AND BOOT MEDIA**

[54] **DISPOSITIF INFORMATIQUE OFFRANT UNE ASSURANCE DE SECURITE ELEVEE ET SUPPORT DE KIOSQUE**

[72] MOREAU, THIERRY, CA

[71] CONNOTECH EXPERTS-CONSEILS INC., CA

[22] 2015-02-19

[41] 2016-08-19

[21] **2,882,700**  
[13] A1

[51] **Int.Cl. E04B 2/90 (2006.01)**

[25] EN

[54] **CURTAIN WALL SYSTEM AND COMPONENTS THEREOF**

[54] **DISPOSITIF DE MUR-RIDEAU ET COMPOSANTES ASSOCIEES**

[72] STRONKS, RONALD A., CA

[72] KEE, KEITH L., CA

[72] STRONKS, DERRICK A., CA

[71] ERIE ARCHITECTURAL PRODUCTS INC., CA

[22] 2015-02-18

[41] 2016-08-18

[21] **2,883,122**  
[13] A1

[51] **Int.Cl. A47G 19/30 (2006.01) A47G 19/26 (2006.01) A47G 23/00 (2006.01) A47J 43/28 (2006.01)**

[25] EN

[54] **NUT BUTTER STIR GUARD**

[54] **PROTECTEUR DE MELANGEUR DE BEURRE DE NOIX**

[72] GREENE, BRIAN MICHAEL, CA

[71] GREENE, BRIAN MICHAEL, CA

[22] 2015-02-19

[41] 2016-08-19

[21] **2,883,916**  
[13] A1

[51] **Int.Cl. E06C 1/00 (2006.01)**

[25] EN

[54] **MODULADDER**

[54] **ECHELLE MODULAIRE MODULADDER**

[72] POLDI, OTELLO G., CA

[71] POLDI, OTELLO G., CA

[22] 2015-02-18

[41] 2016-08-18

[21] **2,884,490**  
[13] A1

[51] **Int.Cl. F16B 25/04 (2006.01)**

[25] EN

[54] **SCREW-TYPE FASTENER**

[54] **FIXATION DE TYPE VISSE**

[72] LAJEWARDI, FARHAD, CA

[72] FALKENSTEIN, MICHAEL K., CA

[71] THE HILLMAN GROUP, INC., US

[22] 2015-03-11

[41] 2016-08-17

[30] US (14/623,959) 2015-02-17

[21] **2,886,706**  
[13] A1

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

[25] EN

[54] **CORING APPARATUS FOR RUBBER STATOR**

[54] **APPAREIL RACLEUR DESTINE A UN STATOR EN CAOUTCHOUC**

[72] JEZEK, PAUL D., US

[71] CLEAN-TUBE LLC, US

[22] 2015-03-31

[41] 2016-08-17

[30] US (14/623,814) 2015-02-17

[21] **2,892,885**  
[13] A1

[51] **Int.Cl. B61K 9/08 (2006.01)**

[25] EN

[54] **3D TRACK ASSESSMENT SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE D'EVALUATION DE PISTE 3D**

[72] MESHER, DAREL, CA

[71] TETRA TECH, INC., US

[22] 2015-05-29

[41] 2016-08-20

[30] US (62/118,600) 2015-02-20

[21] **2,894,248**  
[13] A1

[51] **Int.Cl. B29C 69/00 (2006.01) B29C 67/04 (2006.01)**

[25] EN

[54] **THREE-DIMENSIONAL SHAPING METHOD**

[54] **METHODE DE FORMAGE TRIDIMENSIONNEL**

[72] ISHIMOTO, KOUSUKE, JP

[72] ICHIMURA, MAKOTO, JP

[72] AMAYA, KOUICHI, JP

[71] MATSUURA MACHINERY CORPORATION, JP

[22] 2015-06-12

[41] 2016-08-16

[30] JP (JP 2015-027553) 2015-02-16

[21] **2,899,354**  
[13] A1

[51] **Int.Cl. H01H 9/26 (2006.01) H01H 3/00 (2006.01) H02B 1/20 (2006.01) H02B 5/00 (2006.01) H02J 3/00 (2006.01) H02P 31/00 (2006.01) G01R 31/42 (2006.01)**

[25] EN

[54] **A METHOD OF CONNECTING AND DISCONNECTING POWER TO LOADS AND A SWITCHING APPARATUS EMPLOYING SAME**

[54] **UNE METHODE DE CONNEXION ET DE DECONNEXION D'ALIMENTATION AUX CHARGES ET UN APPAREIL INTERRUPTEUR EMPLOYANT LADITE METHODE**

[72] CULLEN, TRAVIS, CA

[72] RUNN, CHRIS, CA

[71] NEVERARC INC., CA

[22] 2015-08-04

[41] 2016-08-18

[30] US (62/117,560) 2015-02-18

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[21] **2,910,821**  
 [13] A1

[51] **Int.Cl. F04B 49/06 (2006.01) B64C 13/40 (2006.01) F04B 23/04 (2006.01)**  
 [25] EN  
 [54] **DYNAMIC ACTIVATION OF PUMPS OF A FLUID POWER SYSTEM**  
 [54] **ACTIVATION DYNAMIQUE DES POMPES D'UN SYSTEME HYDRAULIQUE**  
 [72] WILSON, THOMAS M., US  
 [72] CHIN, EDMOND C., US  
 [72] LESYNA, MARK W., US  
 [72] HASENOEHRL, THOMAS R., US  
 [71] THE BOEING COMPANY, US  
 [22] 2015-10-29  
 [41] 2016-08-19  
 [30] US (14/626,676) 2015-02-19

[21] **2,913,455**  
 [13] A1

[51] **Int.Cl. H01B 7/24 (2006.01)**  
 [25] EN  
 [54] **CABLE STRAIN RELIEF DISPOSITIF DE REDUCTION DE CONTRAINTE D'UN CABLE**  
 [72] ROGERS, AARON STANLEY, US  
 [71] KIDDE TECHNOLOGIES, INC., US  
 [22] 2015-11-25  
 [41] 2016-08-19  
 [30] US (14/626,587) 2015-02-19

[21] **2,913,749**  
 [13] A1

[51] **Int.Cl. E04F 13/21 (2006.01) E04B 2/88 (2006.01)**  
 [25] EN  
 [54] **SYSTEMS AND METHODS FOR INSTALLING CLADDING PANELS SYSTEMES ET METHODES D'INSTALLATION DE PANNEAUX DE REVETEMENT**  
 [72] ZHOU, YI, CA  
 [72] LIANG, YU, CA  
 [72] GONG, QICHAO, CN  
 [72] LIANG, DONGDING, CN  
 [72] ZHOU, ZHOU, CN  
 [71] SUNNYWEI GROUP INC., CA  
 [22] 2015-12-01  
 [41] 2016-08-20  
 [30] US (62/118,751) 2015-02-20

[21] **2,914,287**  
 [13] A1

[51] **Int.Cl. B64C 39/00 (2006.01)**  
 [25] EN  
 [54] **AIRCRAFT WITH ROTATING OUTER SHELLS**  
 [54] **AERONEF DOTE DE COQUILLES EXTERIEURES ROTATIVES**  
 [72] DAVIDSON, ROBERT, CA  
 [71] DAVIDSON, ROBERT, CA  
 [22] 2015-12-07  
 [41] 2016-08-19  
 [30] US (14/626,209) 2015-02-19

[21] **2,915,599**  
 [13] A1

[51] **Int.Cl. A47F 3/04 (2006.01) F25D 23/02 (2006.01)**  
 [25] EN  
 [54] **INSULATED GLASS ENCLOSURE FOR REFRIGERATED DISPLAY CASE**  
 [54] **ENCEINTE DE VERRE ISOLEE DESTINEE A UN PRESENTOIR REFRIGERE**  
 [72] ANDERSON, VIKTOR JOHN, US  
 [72] PETERSON, RAYMOND ALEXANDER, US  
 [71] STRUCTURAL CONCEPTS CORPORATION, US  
 [22] 2015-12-17  
 [41] 2016-08-20  
 [30] US (14/627,039) 2015-02-20

[21] **2,916,607**  
 [13] A1

[51] **Int.Cl. G01J 3/46 (2006.01)**  
 [25] EN  
 [54] **PORTABLE COLOUR SENSOR CAPTEUR DE COULEUR PORTATIF**  
 [72] SHERIDAN, MATTHEW, CA  
 [71] NIX SENSOR LTD., CA  
 [22] 2016-01-04  
 [41] 2016-08-17  
 [30] US (62/116,966) 2015-02-17

[21] **2,917,062**  
 [13] A1

[51] **Int.Cl. B64F 5/00 (2006.01)**  
 [25] EN  
 [54] **AIRCRAFT ASSEMBLY DISPOSITIF D'AERONEF**  
 [72] BENNETT, IAN ROBERT, GB  
 [71] MESSIER-DOWTY LIMITED, GB  
 [22] 2016-01-08  
 [41] 2016-08-18  
 [30] EP (15155656.0) 2015-02-18

[21] **2,917,326**  
 [13] A1

[51] **Int.Cl. B66D 3/08 (2006.01) B66D 3/04 (2006.01)**  
 [25] EN  
 [54] **HOIST ASSEMBLY DISPOSITIF ELEVATEUR**  
 [72] FRANIAK, NICHOLAS S., US  
 [72] MARTINDALE, NATHAN L., US  
 [71] WASTEQUIP, LLC, US  
 [22] 2016-01-11  
 [41] 2016-08-16  
 [30] US (14/623,132) 2015-02-16

[21] **2,917,855**  
 [13] A1

[51] **Int.Cl. F04D 29/40 (2006.01) F04B 47/02 (2006.01) F04B 53/16 (2006.01) F04D 13/08 (2006.01)**  
 [25] EN  
 [54] **SUPPRESSING DEVICE FOR A VERTICAL PUMP, VERTICAL PUMP AND METHOD FOR RETROFITTING A VERTICAL PUMP**  
 [54] **DISPOSITIF DE SUPPRESSION DESTINE A UNE POMPE VERTICALE, POMPE VERTICALE ET METHODE DE MODIFICATION D'UNE POMPE VERTICALE**  
 [72] GABHART, COLIN, US  
 [71] SULZER MANAGEMENT AG, CH  
 [22] 2016-01-18  
 [41] 2016-08-18  
 [30] US (62/117,569) 2015-02-18

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[21] **2,917,908**  
[13] A1

[51] **Int.Cl. C22F 1/057 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING ANODIZED ALUMINUM ALLOY PARTS WITHOUT SURFACE DISCOLORATION**  
[54] **PROCEDE DE FABRICATION DE PIECES D'ALUMINIUM ANODISE SANS DECOLORATION DE SURFACE**  
[72] GLAMM, RYAN J., US  
[72] WEBER, GARY R., US  
[72] GANE, DAVID H., US  
[71] THE BOEING COMPANY, US  
[22] 2016-01-14  
[41] 2016-08-16  
[30] US (14/622,998) 2015-02-16

[21] **2,918,266**  
[13] A1

[51] **Int.Cl. C08L 75/08 (2006.01) C08K 5/52 (2006.01) C08L 71/02 (2006.01) C09D 7/12 (2006.01)**  
[25] EN  
[54] **ACID SUPPRESSIBLE RHEOLOGY MODIFIER STABILIZED WITH PHOSPHORIC ACID ESTER SURFACTANT**  
[54] **MODIFICATEUR DE RHEOLOGIE SUPPRESSIBLE A L'ACIDE STABILISE AU MOYEN D'UN SURFACTANT D'ESTER D'ACIDE PHOSPHORIQUE**  
[72] HAWKINS, DOUGLAS R., US  
[72] MAURICE, ALVIN M., US  
[72] RABASCO, JOHN J., US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2016-01-14  
[41] 2016-08-16  
[30] US (62/116,614) 2015-02-16

[21] **2,918,304**  
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/072 (2006.01) A61B 17/285 (2006.01)**  
[25] EN  
[54] **CIRCULAR KNIFE BLADE FOR LINER STAPLERS**  
[54] **LAME DE COUTEAU CIRCULAIRE DESTINEE A DES AGRAFEUSES DE DOUBLURE**  
[72] EBNER, TIMOTHY D., US  
[71] COVIDIEN LP, US  
[22] 2016-01-20  
[41] 2016-08-19  
[30] US (14/626,161) 2015-02-19

[21] **2,918,305**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **ELECTROMECHANICAL SURGICAL SYSTEMS**  
[54] **MECANISMES CHIRURGICAUX ELECTROMECHANIQUES**  
[72] ARANYI, ERNEST, US  
[72] WHITFIELD, KENNETH H., US  
[72] FARASCIONI, DAVID, US  
[71] COVIDIEN LP, US  
[22] 2016-01-20  
[41] 2016-08-19  
[30] US (62/118,239) 2015-02-19  
[30] US (14/886,297) 2015-10-19

[21] **2,918,308**  
[13] A1

[51] **Int.Cl. B32B 37/00 (2006.01) B32B 3/08 (2006.01) B32B 9/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING A CHITOSAN-BASED MATRIX COMPRISING A FIBER REINFORCEMENT MEMBER**  
[54] **PROCEDE DE FABRICATION DE MATRICE A BASE DE CHITOSANE RENFERMANT UN ELEMENT DE RENFORT DE FIBRE**  
[72] SERRERO, AURELIE, FR  
[72] DESORME, MYLENE, FR  
[71] SOFRADIM PRODUCTION, FR  
[22] 2016-01-20  
[41] 2016-08-17  
[30] EP (15305236.0) 2015-02-17

[21] **2,918,378**  
[13] A1

[51] **Int.Cl. A61L 24/04 (2006.01) A61K 31/7048 (2006.01) A61L 24/06 (2006.01) A61L 27/14 (2006.01) A61L 27/54 (2006.01) A61L 31/04 (2006.01) A61L 31/16 (2006.01) A61P 31/10 (2006.01)**  
[25] EN  
[54] **ANTIMYCOTIC POLYMERISABLE BONE CEMENT AND A METHOD FOR THE PRODUCTION THEREOF**  
[54] **CIMENT ORTHOPEDIQUE POLYMERISABLE ANTIMYCOTIQUE ET PROCEDE DE FABRICATION DUDIT CIMENT ORTHOPEDIQUE**  
[72] VOGT, SEBASTIAN, DE  
[71] HERAEUS MEDICAL GMBH, DE  
[22] 2016-01-21  
[41] 2016-08-16  
[30] DE (10 2015 102 210.9) 2015-02-16

[21] **2,918,433**  
[13] A1

[51] **Int.Cl. B65G 27/32 (2006.01) B65G 43/00 (2006.01) F03G 7/08 (2006.01) G05D 19/02 (2006.01)**  
[25] EN  
[54] **SENSOR DEVICE FOR PROVIDING AT LEAST ONE OPERATING PARAMETER OF AN OSCILLATING CONVEYOR, AND OSCILLATING CONVEYOR**  
[54] **DISPOSITIF CAPTEUR SERVANT A FOURNIR AU MOINS UN PARAMETRE FONCTIONNEL D'UN TRANSPORTEUR OSCILLANT, ET TRANSPORTEUR OSCILLANT**  
[72] BOTT, KLAUS, DE  
[72] MESAN, IZUDIN, DE  
[72] MOJRZISCH, SEBASTIAN, DE  
[72] TWIEFEL, JENS, DE  
[72] WALLASCHECK, JORG, DE  
[71] AFAG HOLDING AG, CH  
[22] 2016-01-20  
[41] 2016-08-19  
[30] DE (102015102384.9) 2015-02-19

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[21] **2,918,470**  
 [13] A1

[51] **Int.Cl. A47B 46/00 (2006.01) A47B 88/04 (2006.01) A47B 96/02 (2006.01) G02B 6/46 (2006.01)**

[25] EN

[54] **FIBER OPTIC SHELF WITH A REMOVABLE ROOF PANEL**

[54] **TABLETTE A FIBRE OPTIQUE DOTE DE D'UN PANNEAU DE TOIT AMOVIBLE**

[72] RAY, CRAIG DWAYNE, US

[71] ALL SYSTEMS BROADBAND, INC., US

[22] 2016-01-21

[41] 2016-08-19

[30] US (14/626,434) 2015-02-19

[21] **2,918,889**  
 [13] A1

[51] **Int.Cl. F24F 3/00 (2006.01) F24F 11/00 (2006.01)**

[25] EN

[54] **HVAC SYSTEMS AND METHODS WITH IMPROVED STABILIZATION**

[54] **SYSTEMES CVCA ET METHODES OFFRANT UNE STABILISATION AMELIOREE**

[72] GOEL, RAKESH, US

[72] BERG, ERIC, US

[71] LENNOX INDUSTRIES INC., US

[22] 2016-01-26

[41] 2016-08-18

[30] US (14/625,609) 2015-02-18

[21] **2,919,054**  
 [13] A1

[51] **Int.Cl. B25B 13/46 (2006.01) B25B 13/48 (2006.01) B25G 3/00 (2006.01)**

[25] EN

[54] **REMOTE WRENCH HANDLE AND ACCESSORIES**

[54] **POIGNEE DE CLE DISTANTE ET ACCESOIRES**

[72] ANDERSEN, JONATHAN I., US

[72] GUPTE, ANUP A., US

[71] SNAP-ON INCORPORATED, US

[22] 2016-01-27

[41] 2016-08-17

[30] US (62/116,996) 2015-02-17

[30] US (14/918,762) 2015-10-21

[21] **2,918,710**  
 [13] A1

[51] **Int.Cl. C10L 3/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SYNTHESIS GAS GENERATION**

[54] **METHODE ET DISPOSITIF DE PRODUCTION DE GAZ SYNTHETIQUE**

[72] MAIER, ALEXANDER, DE

[72] SCHWARZHUBER, JOSEF, DE

[71] LINDE AKTIENGESELLSCHAFT, DE

[22] 2016-01-25

[41] 2016-08-19

[30] DE (102015002162.1) 2015-02-19

[21] **2,918,974**  
 [13] A1

[51] **Int.Cl. B62K 15/00 (2006.01)**

[25] EN

[54] **INTEGRATED FOLDING BIKE SYSTEM**

[54] **MECANISME DE BICYCLETTE PLIANTE INTEGRE**

[72] BAILIE, JESS R., US

[72] COLE, LAWRENCE G., US

[72] CROCKETT, BRETT, US

[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US

[22] 2016-01-26

[41] 2016-08-18

[30] US (14/625,195) 2015-02-18

[21] **2,919,510**  
 [13] A1

[51] **Int.Cl. E04B 1/343 (2006.01) E04H 1/12 (2006.01)**

[25] EN

[54] **PRE-FABRICATED, PORTABLE BUIDLING WITH REMOVABLE ROOF ASSEMBLY**

[54] **BATIMENT PREFABRIQUE PORTABLE DOTE D'UN TOIT AMOVIBLE**

[72] DEVLIN, DWIGHT, US

[72] PAIN, DAVID, US

[71] LITTELFUSE, INC., US

[22] 2016-02-01

[41] 2016-08-18

[30] US (14/624,790) 2015-02-18

[21] **2,918,773**  
 [13] A1

[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) A61L 24/06 (2006.01) B05C 17/01 (2006.01)**

[25] EN

[54] **DISPENSING DEVICE WITH SPRING TONGUES FOR CEMENT CARTRIDGES**

[54] **DISPOSITIF DISTRIBUTEUR DOTE DE LANGUES A RESSORT DESTINE AUX CARTOUCHES DE CIMENT**

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL GMBH, DE

[22] 2016-01-25

[41] 2016-08-20

[30] DE (10 2015 102 463.2) 2015-02-20

[21] **2,919,045**  
 [13] A1

[51] **Int.Cl. F24D 19/10 (2006.01) F16K 31/50 (2006.01) G05D 7/03 (2006.01)**

[25] EN

[54] **PRESSURE INDEPENDENT HYDRAULIC VALVE FOR FLOW CONTROL AND REGULATION**

[54] **VALVE HYDRAULIQUE INDEPENDANTE DE LA PRESSION DESTINEE AU CONTROLE ET A LA REGULATION DU DEBIT**

[72] GIUBERTONI, EFREM, IT

[71] VIR VALVOINDUSTRIA ING. RIZZIO S.P.A., IT

[22] 2016-01-27

[41] 2016-08-20

[30] IT (MI2015A 000255) 2015-02-20

[21] **2,919,577**  
 [13] A1

[51] **Int.Cl. C09K 8/66 (2006.01) C09K 8/74 (2006.01) E21B 43/25 (2006.01)**

[25] FR

[54] **STIMULATION DE RESERVOIR PAR CHIMIE ENERGETIQUE**

[54] **RESERVOIR STIMULATION BY ENERGETIC CHEMISTRY**

[72] SHAHIN, AHMED M., CA

[72] WEISSENBERGER, MARKUS C., CA

[72] LAWRENCE, SALLY, CA

[72] KHALAFPOUR, PEYMAN, CA

[71] SANJEL CANADA LTD., CA

[22] 2016-02-02

[41] 2016-08-19

[30] US (14/972,584) 2015-12-17

[30] US (62/117,999) 2015-02-19

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[21] **2,919,642**  
[13] A1

[51] **Int.Cl. H04B 15/00 (2006.01) A61B 5/0402 (2006.01) A61B 5/0428 (2006.01)**

[25] EN

[54] **NARROWBAND ANALOG NOISE CANCELLATION**

[54] **ANNULATION DE BRUIT ANALOGIQUE DE BANDE ETROITE**

[72] GOVARI, ASSAF, IL

[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL

[22] 2016-02-02

[41] 2016-08-19

[30] US (14/625,755) 2015-02-19

[21] **2,919,801**  
[13] A1

[51] **Int.Cl. F16D 1/104 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **FLYWHEEL-DRIVEN AUXILIARY DEVICE**

[54] **DISPOSITIF AUXILIAIRE ENTRAINE PAR UN VOLANT-MOTEUR**

[72] POLSFUT, ALBERT ROY, CA

[71] POLSFUT, ALBERT ROY, CA

[22] 2016-02-03

[41] 2016-08-17

[30] US (62/117,334) 2015-02-17

[30] US (62/136,453) 2015-03-21

[21] **2,920,123**  
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) H04W 4/00 (2009.01) G06F 3/00 (2006.01) G06F 13/00 (2006.01)**

[25] EN

[54] **MOBILE APPLICATION SYSTEMS AND METHODS OF OPERATION**

[54] **SYSTEMES D'APPLICATION MOBILE ET METHODES DE FONCTIONNEMENT**

[72] MOGOU DESSAP, JEAN-PAUL, US

[72] HAJIZADEH, YASIN, CA

[71] SCHLUMBERGER CANADA LIMITED, CA

[22] 2016-02-08

[41] 2016-08-20

[30] US (14/627,548) 2015-02-20

[21] **2,919,704**  
[13] A1

[51] **Int.Cl. B32B 37/12 (2006.01) B32B 3/12 (2006.01) B32B 15/082 (2006.01) B32B 15/20 (2006.01) B64C 1/00 (2006.01) B64D 11/00 (2006.01)**

[25] EN

[54] **CONDUCTORS INTEGRATED IN A WATERTIGHT MANNER IN SANDWICH COMPONENTS**

[54] **CONDUCTEURS INTEGRES D'UNE MANIERE ETANCHE DANS LES COMPOSANTES EN COUCHE**

[72] STAUDIGEL, NORBERT, DE

[71] DIEHL AIRCABIN GMBH, DE

[22] 2016-02-02

[41] 2016-08-18

[30] DE (102015002083.8) 2015-02-18

[21] **2,919,847**  
[13] A1

[51] **Int.Cl. G01L 23/22 (2006.01) F02B 77/08 (2006.01) G01L 23/00 (2006.01) G01M 15/12 (2006.01)**

[25] EN

[54] **SIGNAL RECORDING OF KNOCKING CONDITIONS USING A KNOCK SENSOR**

[54] **ENREGISTREMENT DE SIGNAL D'ETAT DE COGNEMENT AU MOYEN D'UN CAPTEUR DE COGNEMENT**

[72] BIZUB, JEFFREY JACOB, US

[72] BURANT, JOHN MICHAEL, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-04

[41] 2016-08-19

[30] US (14/626,385) 2015-02-19

[21] **2,920,131**  
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**

[25] EN

[54] **PROCESS OF FINES REMOVAL FROM OILSANDS BITUMEN**

[54] **PROCEDE D'EXTRACTION DE FINES DU BITUME DE SABLES BITUMINEUX**

[72] ZHAO, JUN, CA

[72] GRAY, MURRAY, QA

[72] LIU, QI, CA

[72] GHOSH, MAINAK, CA

[72] DUNN, JAMES, CA

[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[22] 2016-02-08

[41] 2016-08-17

[30] CA (2,882,172) 2015-02-17

[21] **2,919,730**  
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01) H04W 4/06 (2009.01) H04W 28/04 (2009.01)**

[25] EN

[54] **ADAPTIVE NETWORK OPTIMIZATION IN OVERLAP ZONE IN A SIMULCAST SYSTEM**

[54] **OPTIMISATION DE RESEAU ADAPTATIVE DANS UNE ZONE DE CHEVAUCHEMENT D-UN SYSTEME DE DIFFUSION SIMULTANEE**

[72] ABKAR, IHSAN A., US

[72] TABAIAN, SEYED A., US

[71] HARRIS CORPORATION, US

[22] 2016-01-28

[41] 2016-08-20

[30] US (14/627,093) 2015-02-20

[21] **2,919,852**  
[13] A1

[51] **Int.Cl. H02J 3/18 (2006.01) F03D 7/02 (2006.01) H02J 3/38 (2006.01)**

[25] EN

[54] **DETERMINING REACTIVE POWER CAPABILITY OF A RENEWABLE ENERGY SYSTEM**

[54] **DETERMINATION DE CAPACITE D'ALIMENTATION REACTIVE D'UN SYSTEME D'ENERGIE RENOUELABLE**

[72] UBBEN, ENNO, DE

[72] BARTON, WERNER GERHARD, DE

[72] JUNGE, CARSTEN, DE

[72] SMOLENSKI, ARNIM, DE

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-04

[41] 2016-08-18

[30] US (14/624,906) 2015-02-18

[21] **2,920,211**  
[13] A1

[51] **Int.Cl. B25B 13/48 (2006.01) B25B 13/00 (2006.01) B25B 23/16 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR INCREASING THE EFFICIENCY OF A REMOTE WRENCH**

[54] **METHODES ET SYSTEMES DESTINES A AUGMENTER L'EFFICACITE D'UNE CLE DISTANTE**

[72] GUPTE, ANUP A., US

[72] EGGERT, DANIEL, US

[71] SNAP-ON INCORPORATED, US

[22] 2016-02-08

[41] 2016-08-17

[30] US (62/117,008) 2015-02-17

[30] US (15/005,199) 2016-01-25

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,920,212**  
 [13] A1

[51] **Int.Cl. H01R 43/00 (2006.01) H01M 2/20 (2006.01) H01R 11/24 (2006.01) H02J 7/00 (2006.01)**

[25] EN  
 [54] **BATTERY CLAMP CLEANING DEVICE**  
 [54] **DISPOSITIF DE NETTOYAGE DE PINCE DE BATTERIE**

[72] MANKA, DAVID, US  
 [71] SNAP-ON INCORPORATED, US  
 [22] 2016-02-08  
 [41] 2016-08-17  
 [30] US (14/624,141) 2015-02-17

[21] **2,920,216**  
 [13] A1

[51] **Int.Cl. G08B 25/10 (2006.01) H04W 4/00 (2009.01) H04W 84/18 (2009.01) G08B 13/00 (2006.01) G08B 17/00 (2006.01) G08B 19/00 (2006.01) G08B 21/12 (2006.01)**

[25] EN  
 [54] **ALTERNATIVE INEXPENSIVE CLOUD-BASED MASS MARKET ALARM SYSTEM WITH ALARM MONITORING AND REPORTING**  
 [54] **SYSTEME D'ALERTE DE MARCHE DE MASSE ALTERNATIF FONDE SUR LE NUAGE ET PEU COUTEUX OFFRANT LA SURVEILLANCE ET LE RAPPORT D-ALERTE**

[72] PROBIN, ROBERT JOHN, US  
 [72] LEGRIS, LAURENT, US  
 [71] HONEYWELL INTERNATIONAL INC., US  
 [22] 2016-02-05  
 [41] 2016-08-17  
 [30] US (14/623,698) 2015-02-17

[21] **2,920,231**  
 [13] A1

[51] **Int.Cl. A61G 3/00 (2006.01) A61G 1/06 (2006.01)**

[25] FR  
 [54] **RECEPTION STRUCTURE FOR RECUMBENT PERSONS AND VEHICLE EQUIPPED WITH SUCH A STRUCTURE**  
 [54] **STRUCTURE D'ACCUEIL POUR PERSONNES ALLONGEES ET VEHICULE EQUIPE D'UNE TELLE STRUCTURE**

[72] HUBSCH, ALAIN, FR  
 [71] NEXTER SYSTEMS, FR  
 [22] 2016-02-05  
 [41] 2016-08-17  
 [30] FR (15 00 309) 2015-02-17

[21] **2,920,232**  
 [13] A1

[51] **Int.Cl. B05B 13/00 (2006.01) B05D 1/02 (2006.01) F17D 5/00 (2006.01)**

[25] EN  
 [54] **APPARATUS AND METHOD FOR COATING PIPES**  
 [54] **APPAREIL ET PROCEDE DE REVETEMENT DE TUYAUX**

[72] BOND, PHIL, GB  
 [72] VINCENT, CARL, GB  
 [72] COTTRELL, TERENCE, GB  
 [71] SERIMAX HOLDINGS, FR  
 [22] 2016-02-05  
 [41] 2016-08-17  
 [30] EP (15155405.2) 2015-02-17

[21] **2,920,242**  
 [13] A1

[51] **Int.Cl. G08B 29/18 (2006.01) G08B 13/19 (2006.01)**

[25] EN  
 [54] **METHOD OF USING PIR ARRAYS FOR GESTURE RECOGNITION IN SECURITY SYSTEMS**  
 [54] **METHODE D'UTILISATION DE RESEAUX PASSIFS A INFRAROUGE POUR LA RECONNAISSANCE DE GESTE DANS LES SYSTEMES DE SECURITE**

[72] DIVAKARA, MANJUNATHA, US  
 [72] GANESAN, BALAMURUGAN, US  
 [71] HONEYWELL INTERNATIONAL INC., US  
 [22] 2016-02-08  
 [41] 2016-08-18  
 [30] US (14/624,703) 2015-02-18

[21] **2,920,262**  
 [13] A1

[51] **Int.Cl. B29D 24/00 (2006.01) B29C 65/02 (2006.01) B31D 3/02 (2006.01)**

[25] EN  
 [54] **MANUFACTURE OF THERMOPLASTIC CORE FABRICATION D'AME THERMOPLASTIQUE**

[72] SCHULTE, ELLIOTT KELLER, US  
 [72] BRACK, ROBERT, US  
 [72] OLDHAM, KATHLEEN, US  
 [71] BELL HELICOPTER TEXTRON INC., US  
 [22] 2016-02-08  
 [41] 2016-08-17  
 [30] US (14/623,822) 2015-02-17

[21] **2,920,268**  
 [13] A1

[51] **Int.Cl. A47C 7/40 (2006.01)**

[25] EN  
 [54] **A CHAIR WITH A TILTING SEAT**  
 [54] **UNE CHAISE DOTEE D'UN SIEGE INCLINABLE**

[72] PIRETTI, ALESSANDRO, IT  
 [71] PRO-CORD S.P.A., IT  
 [22] 2016-02-09  
 [41] 2016-08-17  
 [30] IT (102015000006504) 2015-02-17

[21] **2,920,435**  
 [13] A1

[51] **Int.Cl. A01G 25/09 (2006.01) A01C 23/00 (2006.01) A01G 25/02 (2006.01)**

[25] EN  
 [54] **A PROTECTIVE DEVICE OF A DISPENSER SUPPLY HOSE AND RELATED FLUID FEEDING SYSTEM**  
 [54] **UN DISPOSITIF PROTECTEUR D'UN TUYAU D'ALIMENTATION DE DISTRIBUTEUR ET SYSTEME D'ALIMENTATION DE FLUIDE ASSOCIE**

[72] MANGHI, CLAUDIO, IT  
 [71] IRRILAND S.R.L., IT  
 [22] 2016-02-10  
 [41] 2016-08-16  
 [30] IT (102015902330578) 2015-02-16

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[21] **2,920,476**  
[13] A1

[51] **Int.Cl. H04B 17/19 (2015.01) H04B 17/30 (2015.01) H04B 17/318 (2015.01) G10L 13/00 (2006.01) H04B 7/24 (2006.01) G08B 23/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF VOICE ANNUNCIATION OF SIGNAL STRENGTH, QUALITY OF SERVICE, AND SENSOR STATUS FOR WIRELESS DEVICES**

[54] **SYSTEME ET METHODE D'ANNONCE VOCALE DE FORCE DU SIGNAL, QUALITE DE SERVICE ET ETAT DE CAPTEUR DESTINES AUX DISPOSITIFS SANS FIL**

[72] RAUWORTH, TIMOTHY A., US  
[72] HOEFERLE, DOUGLAS L., US  
[72] SELEPA, ROBERT J., US  
[72] VERMA, PARDEEP, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[22] 2016-02-09  
[41] 2016-08-20  
[30] US (14/627,288) 2015-02-20

[21] **2,920,486**  
[13] A1

[51] **Int.Cl. G01M 15/08 (2006.01) F02B 77/08 (2006.01) F02D 45/00 (2006.01) G01L 23/22 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM TO DETERMINE LOCATION OF PEAK FIRING PRESSURE**

[54] **METHODE ET SYSTEME PERMETTANT DE DETERMINER L'EMPLACEMENT DE PRESSION DE COGNEMENT MAXIMALE**

[72] BIZUB, JEFFREY JACOB, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2016-02-11  
[41] 2016-08-19  
[30] US (14/626,585) 2015-02-19

[21] **2,920,489**  
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) H02M 1/12 (2006.01) H02M 11/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS TO OPTIMIZE ACTIVE CURRENT SHARING OF PARALLEL POWER CONVERTERS**

[54] **SYSTEMES ET METHODES D'OPTIMISATION DE PARTAGE DE COURANT ACTIF DE CONVERTISSEURS D'ALIMENTATION PARALLELES**

[72] BASIC, DURO, DE  
[72] GIROUX, MATHIEU, DE  
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB  
[22] 2016-02-11  
[41] 2016-08-20  
[30] US (14/627,041) 2015-02-20

[21] **2,920,549**  
[13] A1

[51] **Int.Cl. A01K 15/00 (2006.01) A01K 29/00 (2006.01) A63H 33/00 (2006.01)**

[25] EN

[54] **PET AMUSEMENT DEVICE WITH SCRATCHING PAD, INTERIOR BALL, AND PERIMETER BALL TRACK**

[54] **DISPOSITIF D'AMUSEMENT POUR ANIMAL DE COMPAGNIE DOTE D'UN COUSSIN PERMETTANT A L'ANIMAL DE SE GRATTER, D'UNE BALLE INTERIEURE ET D'UNE PISTE DE BALLE SUR LE POURTOUR**

[72] PRICE, DAVID, US  
[72] STOLTE, TODD, US  
[72] DIXON, KIRK, US  
[71] COSTAL PET PRODUCTS, INC., US  
[22] 2016-02-11  
[41] 2016-08-19  
[30] US (14/625,957) 2015-02-19

[21] **2,920,627**  
[13] A1

[51] **Int.Cl. H01R 13/514 (2006.01)**

[25] FR

[54] **MODULAR SYSTEM**

[54] **SYSTEME MODULAIRE**

[72] GIMENES, JEAN-PAUL, FR  
[72] BARBOSA, JEAN-PAUL, FR  
[71] AMPHENOL SOCAPEX, FR  
[22] 2016-02-10  
[41] 2016-08-17  
[30] FR (15 51 333) 2015-02-17

[21] **2,920,628**  
[13] A1

[51] **Int.Cl. G01J 5/04 (2006.01) G01J 5/20 (2006.01)**

[25] FR

[54] **ELECTROMAGNETIC RADIATION DETECTION DEVICE WITH AN AIRTIGHT ENCAPSULATION STRUCTURE INCLUDING A RELEASE VENT**

[54] **DISPOSITIF DE DETECTION DE RAYONNEMENT ELECTROMAGNETIQUE A STRUCTURE D'ENCAPSULATION HERMETIQUE A EVENT DE LIBERATION**

[72] DUMONT, GEOFFROY, FR  
[72] CARLE, LAURENT, FR  
[72] IMPERINETTI, PIERRE, FR  
[72] POCAS, STEPHANE, FR  
[72] YON, JEAN-JACQUES, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[22] 2016-02-10  
[41] 2016-08-20  
[30] FR (15 51 489) 2015-02-20

[21] **2,920,642**  
[13] A1

[51] **Int.Cl. G01J 5/04 (2006.01) G01J 5/20 (2006.01)**

[25] FR

[54] **ELECTROMAGNETIC RADIATION DETECTION DEVICE COMPRISING AN ENCAPSULATION STRUCTURE WITH IMPROVED MECHANICAL RESISTANCE**

[54] **DISPOSITIF DE DETECTION DE RAYONNEMENT COMPORTANT UNE STRUCTURE D'ENCAPSULATION A TENUE MECANIQUE AMELIOREE**

[72] DUMONT, GEOFFROY, FR  
[72] CARLE, LAURENT, FR  
[72] IMPERINETTI, PIERRE, FR  
[72] POCAS, STEPHANE, FR  
[72] YON, JEAN-JACQUES, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[22] 2016-02-10  
[41] 2016-08-20  
[30] FR (15 51 491) 2015-02-20



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[21] **2,920,648**  
[13] A1

[51] **Int.Cl. G01J 5/04 (2006.01) G01J 5/20 (2006.01)**  
[25] FR  
[54] **ELECTROMAGNETIC RADIATION DETECTION DEVICE COMPRISING AN ENCAPSULATION STRUCTURE WITH IMPROVED MECHANICAL RESISTANCE**  
[54] **DISPOSTIF DE DETECTION DE RAYONNEMENT COMPORTANT UNE STRUCTURE D'ENCAPSULATION A TENUE MECANIQUE AMELIOREE**  
[72] YON, JEAN-JACQUES, FR  
[72] DUMONT, GEOFFROY, FR  
[72] CARLE, LAURENT, FR  
[72] IMPERINETTI, PIERRE, FR  
[72] POCAS, STEPHANE, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[22] 2016-02-10  
[41] 2016-08-20  
[30] FR (15 51 493) 2015-02-20

[21] **2,920,658**  
[13] A1

[51] **Int.Cl. A24F 15/00 (2006.01) A24F 15/04 (2006.01) A61J 7/04 (2006.01)**  
[25] EN  
[54] **CIGARETTE SMOKING CESSATION TOOL**  
[54] **OUTIL DE CESSATION DU TABAGISME**  
[72] RAWLINS, HANS, CA  
[71] RAWLINS, HANS, CA  
[22] 2016-02-11  
[41] 2016-08-20  
[30] US (62118658) 2015-02-20

[21] **2,920,673**  
[13] A1

[51] **Int.Cl. A47K 3/40 (2006.01) A47K 3/28 (2006.01)**  
[25] EN  
[54] **SHOWER BASE PANEL COMPRISING A FUNCTIONAL ELEMENT**  
[54] **PANNEAU DE BASE DE DOUCHE COMPORTANT UN ELEMENT FONCTIONNEL**  
[72] WEDI, STEPHAN, DE  
[71] WEDI GMBH, DE  
[22] 2016-02-12  
[41] 2016-08-17  
[30] DE (10 2015 102 247.8) 2015-02-17

[21] **2,920,733**  
[13] A1

[51] **Int.Cl. A43B 13/18 (2006.01) A43B 3/00 (2006.01) A43B 5/02 (2006.01) A43B 5/06 (2006.01) A43B 7/32 (2006.01) A43B 21/26 (2006.01)**  
[25] EN  
[54] **SHOE SOLE, METHOD OF MANUFACTURING SUCH A SHOE SOLE, AND SHOE HAVING SUCH A SOLE**  
[54] **SEMELLE DE CHAUSSURE, METHODE DE FABRICATION D'UNE TELLE SEMELLE DE CHAUSSURE ET CHAUSSURE COMPORTANT UNE TELLE SEMELLE**  
[72] STUMPF, JURGEN, DE  
[71] STUMPF, JURGEN, DE  
[22] 2016-02-12  
[41] 2016-08-15  
[30] DE (10 2015 102 157.9) 2015-02-15

[21] **2,920,768**  
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) A61P 33/14 (2006.01)**  
[25] EN  
[54] **SEA LICE TREATMENT**  
[54] **TRAITEMENT CONTRE LES POUX DE MER**  
[72] HOELL, INGUNN ALNE, NO  
[72] ALNE, JARL INGE, NO  
[72] THUESTAD, GUNNAR, NO  
[71] HYDROLICE AS, NO  
[22] 2016-02-12  
[41] 2016-08-17  
[30] GB (1502611.5) 2015-02-17

[21] **2,920,849**  
[13] A1

[51] **Int.Cl. G05B 19/05 (2006.01)**  
[25] EN  
[54] **RUGGED REMOTE UNIVERSAL INPUT/OUTPUT SYSTEM**  
[54] **DISPOSITIF ENTREE/SORTIE UNIVERSEL DISTANT ROBUSTE**  
[72] CUNNINGHAM, STEVEN PAUL, CA  
[72] GUNTHORPE, LOGAN S., CA  
[71] 3-CI PARTNERSHIP, CA  
[22] 2016-02-16  
[41] 2016-08-17  
[30] CA (2,882,305) 2015-02-17

[21] **2,920,851**  
[13] A1

[51] **Int.Cl. B05B 1/18 (2006.01)**  
[25] EN  
[54] **SHOWERHEAD WITH AUDIO ASSEMBLY**  
[54] **POMME DE DOUCHE DOTEE D'UN DISPOSITIF AUDIO**  
[72] PATTON, PAUL V., US  
[72] ANDREW, MERCEDITA, US  
[72] HUFFINGTON, TODD A., US  
[71] DELTA FAUCET COMPANY, US  
[22] 2016-02-16  
[41] 2016-08-18  
[30] US (62/117,947) 2015-02-18

[21] **2,920,861**  
[13] A1

[51] **Int.Cl. B65D 85/50 (2006.01) B42D 15/02 (2006.01) B65D 77/00 (2006.01)**  
[25] EN  
[54] **FLORAL GREETING CARD AND OPTIONAL GIFT BOX**  
[54] **CARTE DE VOEUX FLORALE ET BOITE CADEAU FACULTATIVE**  
[72] MAAS, GERARDUS LEONARDUS, NL  
[72] TOP, MEHTAP, DE  
[71] SMITHERS-OASIS COMPANY, US  
[22] 2016-02-12  
[41] 2016-08-16  
[30] US (62/116669) 2015-02-16

[21] **2,920,863**  
[13] A1

[51] **Int.Cl. A61M 25/09 (2006.01) A61M 25/095 (2006.01)**  
[25] EN  
[54] **ANGIOPLASTY GUIDEWIRE**  
[54] **FIL-GUIDE D'ANGIOPLASTIE**  
[72] GOVARI, ASSAF, IL  
[72] EPHRATH, YARON, IL  
[72] GLINER, VADIM, IL  
[72] BARD, SHAI SHIMON, IL  
[72] ALTMANN, ANDRES CLAUDIO, IL  
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL  
[22] 2016-02-12  
[41] 2016-08-16  
[30] US (14/623,350) 2015-02-16

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[21] **2,920,868**  
[13] A1

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/05 (2006.01) A61B 5/053 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01)**

[25] EN

[54] **NAVIGATION OF AN ANGIOPLASTY GUIDEWIRE**

[54] **NAVIGATION D'UN FIL-GUIDE D'ANGIOPLASTIE**

[72] GOVARI, ASSAF, IL

[72] EPHRATH, YARON, IL

[72] GLINER, VADIM, IL

[72] BARD, SHAI SHIMON, IL

[72] ALTMANN, ANDRES CLAUDIO, IL

[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL

[22] 2016-02-12

[41] 2016-08-16

[30] US (14/623,335) 2015-02-16

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[21] **2,920,887**  
[13] A1

[51] **Int.Cl. H02M 7/5387 (2007.01) H02J 1/12 (2006.01) H02J 9/00 (2006.01) H02J 15/00 (2006.01) H02M 7/797 (2006.01)**

[25] EN

[54] **INVERTER CIRCUIT AND DISTRIBUTED POWER SOURCE SYSTEM INCLUDING THE SAME**

[54] **CIRCUIT ONDULEUR ET MECANISME DE SOURCE D'ALIMENTATION DISTRIBUEE COMPORTANT LEDIT CIRCUIT**

[72] SUGIMOTO, HIDEHIKO, JP

[71] TABUCHI ELECTRIC CO., LTD., JP

[22] 2016-02-11

[41] 2016-08-18

[30] JP (2015-029581) 2015-02-18

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[21] **2,920,919**  
[13] A1

[51] **Int.Cl. B62K 19/00 (2006.01) B62M 6/40 (2010.01)**

[25] EN

[54] **BICYCLE FRAME AND METHOD OF CONVERTING TO ELECTRONIC SHIFTING SYSTEM**

[54] **CADRE DE BICYCLETTE ET METHODE DE CONVERSION A UN SYSTEME D'EMBRAYAGE ELECTRONIQUE**

[72] ROSEN, DAVID, US

[71] ROSEN, DAVID, US

[22] 2016-02-12

[41] 2016-08-16

[30] US (14/623,355) 2015-02-16

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[21] **2,920,920**  
[13] A1

[51] **Int.Cl. D03D 1/08 (2006.01) E06B 9/382 (2006.01)**

[25] EN

[54] **LADDER TAPE AND METHOD OF MAKING THE SAME**

[54] **RUBAN A JALOUSIE ET PROCEDE DE FABRICATION ASSOCIE**

[72] HUANG, YUNG-CHIEH, TW

[71] NIEN MADE ENTERPRISE CO., LTD., TW

[22] 2016-02-16

[41] 2016-08-16

[30] CN (201510084098.8) 2015-02-16

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[21] **2,920,923**  
[13] A1

[51] **Int.Cl. A61F 7/08 (2006.01) A41D 13/08 (2006.01)**

[25] EN

[54] **VIEW TUBE HAND WARMER**

[54] **CHAUFFE-MAIN TUBULAIRE EQUIPE D'UNE OUVERTURE DE VISIONNEMENT**

[72] GOLDADE, TRACEY M, CA

[71] GOLDADE, TRACEY M, CA

[22] 2016-02-15

[41] 2016-08-16

[30] US (62-116907) 2015-02-16

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[21] **2,920,925**  
[13] A1

[51] **Int.Cl. B05B 15/00 (2006.01)**

[25] EN

[54] **TELESCOPING SPRAY WAND ASSEMBLY**

[54] **DISPOSITIF DE BAGUETTE DE PULVERISATEUR TELESCOPIQUE**

[72] GOPALARAO, SUDHINDRA BELUR, US

[72] SPOONER, JEFFREY, US

[72] BLANK, COLIN R., US

[71] THE FOUNTAINHEAD GROUP, INC., US

[22] 2016-02-15

[41] 2016-08-17

[30] US (14/623,684) 2015-02-17

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[21] **2,920,926**  
[13] A1

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 35/04 (2006.01) F04B 35/06 (2006.01) F04B 41/02 (2006.01) F04B 53/10 (2006.01)**

[25] EN

[54] **AIR INLET CONTROL FOR AIR COMPRESSOR**

[54] **COMMANDE D'ENTREE D'AIR DESTINEE A UN COMPRESSEUR A AIR**

[72] SUAREZ, JOSEPH, US

[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO

[22] 2016-02-16

[41] 2016-08-16

[30] US (62/116,793) 2015-02-16

[30] US (62/205,439) 2015-08-14

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[21] **2,920,936**  
[13] A1

[51] **Int.Cl. G01B 21/24 (2006.01) B25J 5/02 (2006.01)**

[25] EN

[54] **ALIGNMENT METER FOR A RAIL SYSTEM**

[54] **DISPOSITIF DE MESURE D'ALIGNEMENT DESTINE A UN SYSTEME DE RAIL**

[72] JAYNES, ROBERT, US

[72] WHITEMAN, LESTER, US

[72] ECKERT, ROBERT, US

[71] AESYNT INCORPORATED, US

[22] 2016-02-17

[41] 2016-08-18

[30] US (14/625,123) 2015-02-18

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[21] **2,920,941**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/00 (2006.01) A61M 15/06 (2006.01)**

[25] EN

[54] **VAPORIZER AND VAPORIZER CARTRIDGES**

[54] **VAPORISATEUR ET CARTOUCHES DE VAPORISATEUR**

[72] KRIETZMAN, MARK, US

[71] KRIETZMAN, MARK, US

[22] 2016-02-17

[41] 2016-08-17

[30] US (62/116926) 2015-02-17

[30] US (62/127817) 2015-03-03

[30] US (62/184396) 2015-06-25

[30] US (62/208786) 2015-08-23

[30] US (62/270557) 2015-12-21

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[21] **2,920,944**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01)**  
[25] EN  
[54] **CONVECTION VAPORIZERS**  
[54] **VAPORISATEURS A CONVECTION**  
[72] KRIETZMAN, MARK, US  
[71] KRIETZMAN, MARK, US  
[22] 2016-02-17  
[41] 2016-08-17  
[30] US (62/116926) 2015-02-17  
[30] US (62/127817) 2015-03-03  
[30] US (62/184396) 2015-06-25  
[30] US (62/208786) 2015-08-23  
[30] US (62/270557) 2015-12-21

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[21] **2,920,949**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**  
[25] EN  
[54] **ZONED VAPORIZER**  
[54] **VAPORISATEUR DE ZONE**  
[72] KRIETZMAN, MARK, US  
[71] KRIETZMAN, MARK, US  
[22] 2016-02-17  
[41] 2016-08-17  
[30] US (62/116926) 2015-02-17  
[30] US (62/127817) 2015-03-03  
[30] US (62/184396) 2015-06-25  
[30] US (62/208786) 2015-08-23  
[30] US (62/270557) 2015-12-21

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[21] **2,920,956**  
[13] A1

[51] **Int.Cl. A47K 3/28 (2006.01)**  
[25] EN  
[54] **MOLDED WALL UNIT INCLUDING A CORNER BRACKET**  
[54] **UNITE MURALE MOULEE COMPORTANT UN SUPPORT EN COIN**  
[72] ROSKO, MICHAEL S., US  
[72] SECKLER, BERND, US  
[71] DELTA FAUCET COMPANY, US  
[22] 2016-02-17  
[41] 2016-08-18  
[30] US (62/117,931) 2015-02-18  
[30] US (14/738,427) 2015-06-12

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[21] **2,920,984**  
[13] A1

[51] **Int.Cl. B28B 7/28 (2006.01) B32B 3/04 (2006.01) B32B 7/12 (2006.01) B32B 13/00 (2006.01) C04B 28/00 (2006.01) E04F 15/08 (2006.01)**  
[25] EN  
[54] **ACCESS-FLOOR PANEL AND CORE**  
[54] **PANNEAU DE PLANCHER D'ACCES ET AME**  
[72] DERRICK, VINCE, CA  
[71] DERRICK, VINCE, CA  
[22] 2016-02-17  
[41] 2016-08-17  
[30] US (62/117033) 2015-02-17

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[21] **2,921,004**  
[13] A1

[51] **Int.Cl. C07C 67/08 (2006.01) C08J 3/18 (2006.01) C08K 5/10 (2006.01) C08L 27/06 (2006.01) C07C 69/80 (2006.01)**  
[25] EN  
[54] **PRODUCTION OF ESTER MIXTURES**  
[54] **PRODUCTION DE MELANGES D'ESTERS**  
[72] BOECK, FLORIAN SEBASTIAN, DE  
[72] GRAB, MICHAEL, DE  
[72] WOLDT, BENJAMIN, DE  
[72] GEHLEN, CARSTEN, DE  
[71] EVONIK DEGUSSA GMBH, DE  
[22] 2016-02-17  
[41] 2016-08-18  
[30] EP (15155564.6) 2015-02-18

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[21] **2,921,040**  
[13] A1

[51] **Int.Cl. A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**  
[25] EN  
[54] **NEISSERIA MENINGITIDIS COMPOSITIONS AND METHODS THEREOF**  
[54] **COMPOSITIONS DE NEISSERIA MENINGIDITIS ET PROCEDES ASSOCIES**  
[72] JANSEN, KATHRIN UTE, US  
[72] ARUMUGHAM, RASAPPA GOUNDER, US  
[72] FARLEY, JOHN ERWIN, US  
[72] FLETCHER, LEAH DIANE, US  
[72] HARRIS, SHANNON, US  
[72] ANDERSON, ANNALIESA SYBIL, US  
[72] JONES, THOMAS RICHARD, US  
[72] KHANDKE, LAKSHMI, US  
[72] LOUN, BOUNTHON, US  
[72] PEREZ, JOHN LANCE, US  
[72] ZLOTNICK, GARY WARREN, US  
[71] PFIZER INC., US  
[22] 2016-02-17  
[41] 2016-08-19  
[30] US (62/118,457) 2015-02-19  
[30] US (62/280,212) 2016-01-19

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[21] **2,921,046**  
[13] A1

[51] **Int.Cl. C09K 8/467 (2006.01) E21B 33/13 (2006.01)**  
[25] EN  
[54] **OIL WELL CEMENTING PRODUCTS WITH SYNTHETIC GYPSUM AND METHODS**  
[54] **PRODUITS DE CIMENTATION DE Puits DE PETROLE RENFERMANT DU GYPSE SYNTHETIQUE ET METHODES**  
[72] LETTKEMAN, DENNIS MARK, US  
[72] WILSON, JOHN WESLEY, US  
[72] BLACKBURN, DOUG, US  
[72] BALL, BRIAN K., US  
[72] KALIGIAN, RAYMOND A., US  
[72] CLOUD, MIKE L., US  
[71] UNITED STATES GYPSUM COMPANY, US  
[22] 2016-02-16  
[41] 2016-08-17  
[30] US (14/623,724) 2015-02-17

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August 14, 2016 to August 20, 2016**

[21] **2,921,047**  
[13] A1

[51] **Int.Cl. H01Q 1/08 (2006.01) H01Q 1/12 (2006.01) H01Q 1/28 (2006.01) H01Q 15/14 (2006.01)**

[25] EN

[54] **DEPLOYABLE REFLECTARRAY ANTENNA STRUCTURE**

[54] **STRUCTURE D'ANTENNE A RESEAU REFLECTEUR DEPLOYABLE**

[72] HARVEY, THOMAS J., US

[72] HARVEY, TOBY J., US

[72] SEAL, LESLIE A., US

[71] MMA DESIGN, LLC, US

[22] 2016-02-16

[41] 2016-08-17

[30] US (14/624,549) 2015-02-17

[21] **2,921,049**  
[13] A1

[51] **Int.Cl. F16L 59/147 (2006.01) F16L 9/12 (2006.01) F16L 9/133 (2006.01)**

[25] EN

[54] **HIGH PRESSURE PIPE AND USE THEREOF**

[54] **TUYAU HAUTE PRESSION ET UTILISATION ASSOCIEE**

[72] DE HEER L.G.P. DALMOLEN, LAMBERTUS GERRIT PETER, NL

[72] DE HEER W.G.F. SENGERS, WILLEM GERARD FRANS, NL

[71] PIPELIFE NEDERLAND B.V., NL

[22] 2016-02-17

[41] 2016-08-17

[30] EP (15155428.4) 2015-02-17

[21] **2,921,058**  
[13] A1

[51] **Int.Cl. B62D 37/02 (2006.01) B62D 63/08 (2006.01)**

[25] EN

[54] **AERODYNAMIC REAR DRAG REDUCTION SYSTEM FOR A TRAILER**

[54] **DISPOSITIF DE REDUCTION DE LA TRAINEE ARRIERE AERODYNAMIQUE DESTINE A UNE REMORQUE**

[72] BAKER, LEONARD W., US

[72] HAAN, BRIAN N., US

[72] MULLEN, BRANDON S., US

[71] WABASH NATIONAL, L.P., US

[22] 2016-02-16

[41] 2016-08-16

[30] US (62/116,891) 2015-02-16

[21] **2,921,079**  
[13] A1

[51] **Int.Cl. F16N 25/00 (2006.01) F16C 33/66 (2006.01) F16N 7/36 (2006.01) F16N 13/22 (2006.01)**

[25] EN

[54] **LUBRICATION STRUCTURE AND TRANSMISSION**

[54] **STRUCTURE DE LUBRIFICATION ET TRANSMISSION**

[72] ICHIGE, KEISUKE, JP

[72] IRITANI, MASANORI, JP

[72] TAKAYAMA, HITOSHI, JP

[72] SHIINA, TAKAHIRO, JP

[72] TOKOZAKURA, DAISUKE, JP

[72] TOMINAGA, SATOSHI, JP

[72] ARAKAWA, KAZUYA, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2016-02-18

[41] 2016-08-19

[30] JP (2015-030917) 2015-02-19

[21] **2,921,143**  
[13] A1

[51] **Int.Cl. B21D 45/02 (2006.01)**

[25] EN

[54] **POPPET PIN EJECTOR**

[54] **EJECTEUR DE TIGE INVERSEE**

[72] HAY, THOMAS E., US

[72] CARPER, JEFFREY W., US

[71] NATIONAL MACHINERY LLC, US

[22] 2016-02-18

[41] 2016-08-19

[30] US (14/625,671) 2015-02-19

[21] **2,921,170**  
[13] A1

[51] **Int.Cl. G01R 31/02 (2006.01) H02H 3/16 (2006.01)**

[25] EN

[54] **TWO-WIRE RESISTANCE TERMINATED GROUND CHECK VERIFICATEUR DE MISE A LA TERRE A BORNE A RESISTANCE BIFILAIRE**

[72] VANGOOL, MICHAEL, US

[72] EL-KHARBAWE, NEHAD EL-SHERIF, US

[72] FENTY, GEORGE J., US

[71] LITTELFUSE, INC., US

[22] 2016-02-19

[41] 2016-08-19

[30] US (62/118,197) 2015-02-19

[21] **2,921,173**  
[13] A1

[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**

[25] EN

[54] **PICKUP CAB MOUNT PACK**

[54] **ENSEMBLE D'INSTALLATION POUR CAMION**

[72] SINGER, NICHOLAS J., US

[71] SINGER, NICHOLAS J., US

[22] 2016-02-19

[41] 2016-08-19

[30] US (14/626,731) 2015-02-19

[30] US (14/866,660) 2015-09-25

[30] US (15/047,519) 2016-02-18

[21] **2,921,175**  
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) E21B 34/06 (2006.01) F04B 47/12 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **IMPROVED DART VALVES FOR BYPASS PLUNGERS**

[54] **VALVES PROJECTILES AMELIOREES DESTINEES A DES PISTONS DE DERIVATION**

[72] BOYD, GARRETT S., US

[72] BOYD, MITCHELL A., US

[71] FLOWCO PRODUCTION SOLUTIONS, LLC, US

[22] 2016-02-19

[41] 2016-08-20

[30] US (62/118,575) 2015-02-20

[30] US (15/048,491) 2016-02-19

[21] **2,921,176**  
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) E21B 43/12 (2006.01) F04B 47/12 (2006.01)**

[25] EN

[54] **UNIBODY BYPASS PLUNGER WITH CENTRALIZED HELIX AND CRIMPLE FEATURE**

[54] **PISTON DE DERIVATION MONOBLOC DOTE D'UNE FONCTIONNALITE D'HELICE ET DE RETENUE CENTRALISEE**

[72] BOYD, GARRETT S., US

[72] BOYD, MITCHELL A., US

[71] FLOWCO PRODUCTION SOLUTIONS, LLC, US

[22] 2016-02-19

[41] 2016-08-20

[30] US (62/118,575) 2015-02-20

[30] US (15/048,408) 2016-02-19

**Demandes canadiennes mises à la disponibilité du public**  
**14 août 2016 au 20 août 2016**

[21] **2,921,179**  
 [13] A1

[51] **Int.Cl. F04B 53/00 (2006.01) F04B 47/12 (2006.01)**  
 [25] EN  
 [54] **IMPROVED CLUTCH ASSEMBLY FOR BYPASS PLUNGERS**  
 [54] **DISPOSITIF D'EMBRAYAGE AMELIORE DESTINE A DES PISTONS DE DERIVATION**  
 [72] BOYD, GARRETT S., US  
 [72] BOYD, MITCHELL A., US  
 [71] FLOWCO PRODUCTION SOLUTIONS, LLC, US  
 [22] 2016-02-19  
 [41] 2016-08-20  
 [30] US (62/118,575) 2015-02-20  
 [30] US (15/048,467) 2016-02-19

[21] **2,921,181**  
 [13] A1

[51] **Int.Cl. B64C 25/16 (2006.01) B64C 25/32 (2006.01)**  
 [25] FR  
 [54] **AIRCRAFT LANDING GEAR INCLUDING A TELESCOPIC LINEAR ROD**  
 [54] **ATTERRISSEUR D'AERONEF COMPRENANT UNE TIGE LINEAIRE TELESCOPIQUE**  
 [72] NECCI, CARLO, FR  
 [71] MESSIER-BUGATTI-DOWTY, FR  
 [22] 2016-02-17  
 [41] 2016-08-18  
 [30] FR (15 51371) 2015-02-18

[21] **2,921,257**  
 [13] A1

[51] **Int.Cl. F02C 7/28 (2006.01) F01D 11/08 (2006.01)**  
 [25] EN  
 [54] **BUCKET MOUNTED MULTI-STAGE TURBINE INTERSTAGE SEAL AND METHOD OF ASSEMBLY**  
 [54] **JOINT D'ETANCHEITE INTER ETAGE DE TURBINE MULTI ETAGE A AUGET ET METHODE D-ASSEMBLAGE**  
 [72] SAMUDRALA, OMPRAKASH, US  
 [72] CASANOVA, FERNANDO JORGE, US  
 [72] SEVINCER, EDIP, US  
 [72] WEBSTER, JONATHAN MICHAEL, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2016-02-18  
 [41] 2016-08-20  
 [30] US (14/627,431) 2015-02-20

[21] **2,921,279**  
 [13] A1

[51] **Int.Cl. E04D 1/22 (2006.01) B32B 11/00 (2006.01) B32B 37/00 (2006.01) B32B 38/00 (2006.01)**  
 [25] EN  
 [54] **SHINGLE WITH FILM COVERED SURFACES**  
 [54] **BARDEAU DOTE DE SURFACES REVETUES D'UNE PELLICULE**  
 [72] BEERER, MARGIE A., US  
 [72] KIIK, MATTI, US  
 [72] RAILKAR, SUDHIR, US  
 [72] KERR, STEVEN D., US  
 [71] BUILDING MATERIALS INVESTMENT CORPORATION, US  
 [22] 2016-02-19  
 [41] 2016-08-20  
 [30] US (62/118,880) 2015-02-20  
 [30] US (15/047,010) 2016-02-18

[21] **2,921,331**  
 [13] A1

[51] **Int.Cl. B60R 16/023 (2006.01)**  
 [25] EN  
 [54] **MULTI-CONTROLLER DATA BUS ADAPTOR OPERABLE BASED UPON CONTROLLER DOWNLOADED ADAPTOR CODES AND RELATED METHODS**  
 [54] **ADAPTATEUR DE BUS DE DONNEES MULTI CONTROLEUR FONCTIONNEL FONDE SUR DES CODES D'ADAPTATEUR TELECHARGES PAR LE CONTROLEUR ET METHODES ASSOCIEES**  
 [72] FLICK, KENNETH E., US  
 [71] OMEGA PATENTS, L.L.C., US  
 [22] 2016-02-18  
 [41] 2016-08-18  
 [30] US (14/624,699) 2015-02-18

[21] **2,921,332**  
 [13] A1

[51] **Int.Cl. B60R 16/023 (2006.01)**  
 [25] EN  
 [54] **MULTI-CONTROLLER DATA BUS ADAPTOR OPERABLE BASED UPON DATA BUS ADAPTOR COMMUNICATION DETERMINED ADAPTOR CODES AND RELATED METHODS**  
 [54] **ADAPTATEUR DE BUS DE DONNEES MULTI CONTROLEUR FONCTIONNEL FONDE SUR DES CODES D'ADAPTATEUR DETERMINES PAR LA COMMUNICATION AVEC L-ADAPTATEUR DE BUS DE DONNEES ET METHODES ASSOCIEES**  
 [72] FLICK, KENNETH E., US  
 [71] OMEGA PATENTS, L.L.C., US  
 [22] 2016-02-18  
 [41] 2016-08-18  
 [30] US (14/624,712) 2015-02-18

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[21] **2,921,333**  
[13] A1

[51] **Int.Cl. B64D 47/00 (2006.01) B64C 7/00 (2006.01) B64D 1/22 (2006.01)**  
[25] EN  
[54] **BELLY-MOUNTED LOAD BEAM FOR AN AERIAL VEHICLE**  
[54] **POUTRE DE CHARGE INSTALLEE SUR UN FLANC DESTINE A UN VEHICULE AERIEN**  
[72] THOMAS, DEREK, CA  
[72] YARNOLD, JEFF, CA  
[71] BOOST HUMAN EXTERNAL CARGO SYSTEMS INC., CA  
[22] 2016-02-18  
[41] 2016-08-18  
[30] US (14/625,624) 2015-02-18

[21] **2,921,369**  
[13] A1

[51] **Int.Cl. F02B 53/14 (2006.01) B64D 27/00 (2006.01) B64D 33/02 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02M 31/20 (2006.01) F02M 35/108 (2006.01)**  
[25] EN  
[54] **COMPOUND ENGINE ASSEMBLY WITH MOUNT CAGE**  
[54] **ENSEMBLE DE MOTEUR COMPOSE DOTE D'UNE CAGE D'INSTALLATION**  
[72] LAMARRE, SYLVAIN, CA  
[72] FONTAINE, MIKE, CA  
[72] JULIEN, ANDRE, CA  
[72] GAUL, MICHAEL, CA  
[72] THOMASSIN, JEAN, CA  
[72] MITROVIC, LAZAR, CA  
[72] MEDVEDEV, ILYA, RU  
[72] USIKOV, SERGEY, RU  
[72] ZOLOTOV, ANDREY, RU  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,914) 2015-02-20  
[30] US (14/864,124) 2015-09-24  
[30] US (15/047,362) 2016-02-18

[21] **2,921,384**  
[13] A1

[51] **Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02M 31/20 (2006.01) F02M 35/108 (2006.01)**  
[25] EN  
[54] **COMPOUND ENGINE ASSEMBLY WITH CONFINED FIRE ZONE**  
[54] **ENSEMBLE MOTEUR COMBINE PRESENTANT UNE ZONE DE CONFINEMENT DE FEU**  
[72] LAMARRE, SYLVAIN, CA  
[72] JULIEN, ANDRE, CA  
[72] GAUL, MICHAEL, CA  
[72] THOMASSIN, JEAN, CA  
[72] MEDVEDEV, ILYA, RU  
[72] USIKOV, SERGEY, RU  
[72] ZOLOTOV, ANDREY, RU  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,914) 2015-02-20  
[30] US (14/864,112) 2015-09-24

[21] **2,921,392**  
[13] A1

[51] **Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02M 31/20 (2006.01) F02M 35/108 (2006.01)**  
[25] EN  
[54] **COMPOUND ENGINE ASSEMBLY WITH COAXIAL COMPRESSOR AND OFFSET TURBINE SECTION**  
[54] **ENSEMBLE MOTEUR COMBINE DOTE D'UN COMPRESSEUR AXIAL ET D'UNE SECTION DE TURBINE DECALEE**  
[72] THOMASSIN, JEAN, CA  
[72] BOLDOC, SEBASTIEN, CA  
[72] VILLENEUVE, BRUNO, CA  
[72] BERUBE, STEPHANE, CA  
[72] FONTAINE, MIKE, CA  
[72] GAGNON-MARTIN, DAVID, CA  
[72] BILODEAU, JADE, CA  
[72] JULIEN, ANDRE, CA  
[72] LEGARE, PIERRE-YVES, CA  
[72] NICHOLS, JASON, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,891) 2015-02-20  
[30] US (14/806,880) 2015-07-23

[21] **2,921,396**  
[13] A1

[51] **Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02M 31/20 (2006.01) F02M 35/108 (2006.01)**  
[25] EN  
[54] **ENGINE ASSEMBLY WITH MODULAR COMPRESSOR AND TURBINE**  
[54] **ENSEMBLE MOTEUR COMBINE DOTE D'UN COMPRESSEUR ET D'UNE TURBINE MODULAIRES**  
[72] LAMARRE, SYLVAIN, CA  
[72] FONTAINE, MIKE, CA  
[72] JULIEN, ANDRE, CA  
[72] GAUL, MICHAEL, CA  
[72] THOMASSIN, JEAN, CA  
[72] MITROVIC, LAZAR, CA  
[72] MEDVEDEV, ILYA, RU  
[72] USIKOV, SERGEY, RU  
[72] ZOLOTOV, ANDREY, RU  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,914) 2015-02-20  
[30] US (14/864,068) 2015-09-24

[21] **2,921,399**  
[13] A1

[51] **Int.Cl. F02B 33/40 (2006.01) F01C 1/22 (2006.01) F02B 37/00 (2006.01) F02C 5/06 (2006.01) F02C 7/06 (2006.01)**  
[25] EN  
[54] **COMPOUND ENGINE ASSEMBLY WITH CANTILEVERED COMPRESSOR AND TURBINE**  
[54] **ENSEMBLE MOTEUR COMBINE DOTE D'UN COMPRESSEUR ET D'UNE TURBINE EN PORTE-A-FAUX**  
[72] LAMARRE, SYLVAIN, CA  
[72] FONTAINE, MIKE, CA  
[72] JULIEN, ANDRE, CA  
[72] GAUL, MICHAEL, CA  
[72] THOMASSIN, JEAN, CA  
[72] MITROVIC, LAZAR, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,914) 2015-02-20  
[30] US (14/864,084) 2015-09-24

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**14 août 2016 au 20 août 2016**

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[21] **2,921,441**  
[13] A1

[51] **Int.Cl. B29C 59/02 (2006.01) B29D 22/02 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR INTEGRATING BRANCHED STRUCTURES IN MATERIALS**

[54] **METHODE ET SYSTEME DESTINES A L'INTEGRATION DE STRUCTURES RAMIFIEES DANS LES MATERIAUX**

[72] KATRYCZ, CHARLES, CA  
[71] KATRYCZ, CHARLES, CA  
[22] 2016-02-19  
[41] 2016-08-19  
[30] US (62/118,715) 2015-02-19  
[30] US (62/118,312) 2015-02-20

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[21] **2,921,443**  
[13] A1

[51] **Int.Cl. E04F 21/16 (2006.01) E04F 21/165 (2006.01)**

[25] EN

[54] **SMOOTHING TOOL**

[54] **OUTIL DE LISSAGE**

[72] KRASKOV, LEONID, AU  
[71] KRASKOV, LEONID, AU  
[22] 2016-02-19  
[41] 2016-08-19  
[30] AU (2015900640) 2015-02-19

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[21] **2,921,447**  
[13] A1

[51] **Int.Cl. G09F 3/02 (2006.01)**

[25] EN

[54] **LOCKOUT TAG**

[54] **ETIQUETTE DE VERROUILLAGE**

[72] MOORE, MICHAEL, CA  
[71] REDFAB INC., CA  
[22] 2016-02-19  
[41] 2016-08-20  
[30] US (62/118,850) 2015-02-20

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[21] **2,921,588**  
[13] A1

[51] **Int.Cl. E21B 34/02 (2006.01) F16K 3/00 (2006.01)**

[25] EN

[54] **BONNET AND GATE ARRANGEMENTS FOR A GATE VALVE IN PARTICULATE-LADEN FLUID ENVIRONMENTS**

[54] **DISPOSITIONS DE CHAPEAU ET VANNE D'UN ROBINET-VANNE DESTINEES AUX ENVIRONNEMENTS DE FLUIDE CHARGE DE PARTICULES**

[72] CHEREWYK, BORIS (BRUCE) P., CA  
[71] ISOLATION EQUIPMENT SERVICES INC., CA  
[22] 2016-02-22  
[41] 2016-08-20  
[30] US (62/118,931) 2015-02-20

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[21] **2,933,213**  
[13] A1

[51] **Int.Cl. F26B 13/02 (2006.01)**

[25] EN

[54] **KILN CART PUSHER**

[54] **POUSSEUR DE CHARIOT DE SECHOIR**

[72] RIVERA, ALEJANDRO, US  
[72] BEERY, WADE, US  
[72] VERBONCOEUR, ROGER, US  
[72] NGO, PHONG TAN, US  
[72] MORTON, JEFF, US  
[71] USNR/KOCKUMS CANCAR COMPANY, US  
[22] 2016-06-15  
[41] 2016-08-15  
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[13] A1  
[51] **Int.Cl. B26B 27/00 (2006.01)**  
[25] EN  
[54] **KNIFE WITH ERGONOMIC HANDLE**  
[54] **COUTEAU DOTE D'UNE POIGNEE ERGONOMIQUE**  
[72] HUNKELE, PETER GERARD, US  
[71] HUNKELE, PETER GERARD, US  
[85] 2016-02-24  
[86] 2015-02-20 (PCT/US2015/016738)  
[87] (2907285)

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[21] **2,916,285**  
[13] A1  
[51] **Int.Cl. B63C 15/00 (2006.01) B63C 1/08 (2006.01) B63C 3/00 (2006.01) B63C 3/08 (2006.01)**  
[25] EN  
[54] **SYSTEM, METHOD AND DEVICES FOR HANDLING BOATS STORED IN A DRY DOCK USING A ROLLING BRIDGE AND SLIDING TOWER**  
[54] **SYSTEME, PROCEDE ET DISPOSITIFS POUR LA MANOEUVRE DE BATEAUX STOCKES DANS UNE CALE SECHE EN UTILISANT UN PONT ROULANT ET UNE TOUR COULISSANTE**  
[72] GIROUD, GERARD, FR  
[71] GIROUD, GERARD, FR  
[85] 2016-01-19  
[86] 2014-09-26 (PCT/IB2014/064879)  
[87] (2916285)

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[21] **2,923,792**  
[13] A1  
[51] **Int.Cl. E01F 9/00 (2016.01)**  
[25] EN  
[54] **VIBRATION MITIGATION DEVICE**  
[54] **DISPOSITIF D'ATTENUATION DES VIBRATIONS**  
[72] MACCHIETTO, CARL J., US  
[72] CHRISTENSON, RICHARD E., US  
[72] INGRAM, DARREN E., US  
[71] VALMONT INDUSTRIES, INC., US  
[85] 2016-06-17  
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[87] (2923792)

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[13] A1  
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/36 (2012.01) G06Q 20/20 (2012.01)**  
[25] EN  
[54] **DETACHABLE ELECTRONIC PAYMENT DEVICE**  
[54] **DISPOSITIF DE PAIEMENT ELECTRONIQUE DETACHABLE**  
[72] WALLNER, GEORGE, US  
[71] SAMSUNG PAY, INC., US  
[85] 2016-06-10  
[86] 2016-02-18 (PCT/US2016/018421)  
[87] (2932862)  
[30] US (62/118,719) 2015-02-20  
[30] US (15/046,819) 2016-02-18

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[21] **2,934,638**  
[13] A1  
[51] **Int.Cl. A61K 47/42 (2006.01) A61K 9/10 (2006.01) A61K 38/18 (2006.01) A61K 47/36 (2006.01)**  
[25] EN  
[54] **FGF-18 FORMULATION IN ALGINATE/COLLAGEN HYDROGELS**  
[54] **FORMULATION DE FGF -18 DANS DES HYDROGELS A BASE D'ALGINATE/COLLAGENE**  
[72] CANAL, FABIANA, IT  
[72] LO PRESTI, CATERINA, IT  
[71] ARES TRADING S.A., CH  
[85] 2016-06-20  
[86] 2014-12-23 (PCT/EP2014/079205)  
[87] (WO2015/097236)  
[30] EP (13199591.2) 2013-12-24

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[21] **2,935,187**  
[13] A1  
[51] **Int.Cl. F16L 11/12 (2006.01) F16L 11/04 (2006.01) F16L 11/115 (2006.01) F16L 11/20 (2006.01)**  
[25] EN  
[54] **EXTENSIBLE HOSE**  
[54] **TUYAU EXTENSIBLE**  
[72] DE NORA, PAOLO, IT  
[71] DEN DI DE NORA PAOLO, IT  
[85] 2016-07-06  
[86] 2016-02-12 (PCT/IB2016/050761)  
[87] (2935187)  
[30] IT (BO2015A000058) 2015-02-12  
[30] IT (BO2015A000059) 2015-02-12



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[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/24 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **THERAPEUTIC PRODUCT DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION DE PRODUIT THERAPEUTIQUE**

[72] SHAPLEY, JULIAN, GB

[72] POWELL, MATTHEW, GB

[72] CLATWORTHY, CERI, GB

[72] CEFAL, JOSEPH, GB

[71] CELLNOVO LTD, GB

[85] 2016-06-30

[86] 2015-01-30 (PCT/GB2015/050251)

[87] (WO2015/114373)

[30] GB (1401587.9) 2014-01-30

[21] **2,935,731**  
[13] A1

[51] **Int.Cl. B64D 3/00 (2006.01) G01W 1/08 (2006.01)**

[25] EN

[54] **TOWED ACTIVE AIRBORNE PLATFORM FOR DETERMINING MEASUREMENT DATA**

[54] **PLATEFORME AEROPORTEE ACTIVE REMORQUEE SERVANT A DETERMINER DES DONNEES DE MESURE**

[72] HERBER, ANDREAS, DE

[72] KALMBACH, DIRK, DE

[72] GERDES, RUDIGER, DE

[72] WATSON, JAMES BRADLEY, CA

[71] ALFRED-WEGENER-INSTITUT HELMHOLTZ-ZENTRUM FUR POLAR- UND MEERESFORSCHUNG, DE

[85] 2016-07-04

[86] 2015-01-24 (PCT/DE2015/000021)

[87] (WO2015/117586)

[30] DE (10 2014 001 873.3) 2014-02-07

[21] **2,935,854**  
[13] A1

[51] **Int.Cl. A61B 90/11 (2016.01) A61B 90/18 (2016.01) A61B 17/34 (2006.01)**

[25] EN

[54] **DEVICE FOR ATTACHING MEDICAL TARGET DEVICES AND THE LIKE**

[54] **DISPOSITIF DE FIXATION DE DISPOSITIFS MEDICAUUX DE CIBLAGE ET ANALOGUES**

[72] VOGELE, MICHAEL, DE

[71] ISYS MEDIZINTECHNIK GMBH, AT

[85] 2016-07-07

[86] 2014-09-04 (PCT/EP2014/002399)

[87] (WO2015/032498)

[30] DE (20 2013 007 831.6) 2013-09-04

[21] **2,935,970**  
[13] A1

[51] **Int.Cl. F16K 17/28 (2006.01) F16K 17/20 (2006.01) F16K 27/02 (2006.01)**

[25] EN

[54] **EXCESS FLOW VALVE WITH FLEXIBLE SEALING MEMBER**

[54] **SOUPAPE D'EXCES DE DEBIT COMPRENANT UN ELEMENT D'ETANCHEITE SOUPLE**

[72] DOMINGUEZ, JESUS R., US

[72] SCHUTTE, JOSEPH P., US

[72] TISCH, DAVID C., US

[72] GREEN, RONALD D., US

[72] MULLIGAN, TIMOTHY D., US

[71] BRASSCRAFT MANUFACTURING COMPANY, US

[85] 2016-07-04

[86] 2015-10-30 (PCT/US2015/058231)

[87] (WO2016/089511)

[30] US (14/561,255) 2014-12-05

[21] **2,936,018**  
[13] A1

[51] **Int.Cl. A61L 15/60 (2006.01) A61L 15/18 (2006.01) A61L 15/38 (2006.01) A61L 15/44 (2006.01) A61L 26/00 (2006.01)**

[25] EN

[54] **LAYERED STRUCTURE HAVING SEQUESTERED OXYGEN CATALYST**

[54] **STRUCTURE STRATIFIEE COMPRENANT UN CATALYSEUR A OXYGENE SEQUESTRE**

[72] ARYAL, SHRUTI, US

[71] AVENT, INC., US

[85] 2016-07-05

[86] 2015-01-30 (PCT/US2015/013661)

[87] (WO2015/116888)

[30] US (61/934,149) 2014-01-31

[21] **2,936,023**  
[13] A1

[51] **Int.Cl. G06T 17/00 (2006.01) G06T 19/00 (2011.01) A61B 34/10 (2016.01) G06T 7/00 (2006.01)**

[25] EN

[54] **METHOD FOR GENERATING A 3D REFERENCE COMPUTER MODEL OF AT LEAST ONE ANATOMICAL STRUCTURE**

[54] **PROCEDE DE GENERATION D'UN MODELE INFORMATIQUE DE REFERENCE 3D D'AU MOINS UNE STRUCTURE ANATOMIQUE**

[72] NOTZLI, CHRISTOPH, CH

[72] KAMER, LUKAS, CH

[71] AO TECHNOLOGY AG, CH

[85] 2016-07-06

[86] 2014-01-10 (PCT/CH2014/000003)

[87] (WO2015/103712)

[21] **2,936,061**  
[13] A1

[51] **Int.Cl. A61B 5/22 (2006.01) A61B 5/11 (2006.01) A63B 71/00 (2006.01) A63B 71/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR KEGEL TRAINING**

[54] **SYSTEME ET PROCEDE POUR EXERCICE DE KEGEL**

[72] IGLESIAS, RAMON JOSE, US

[72] MISHELEVICH, DAVID J., US

[72] NASH, SEAN C., US

[72] SCHAEFER, KAITLIN B., US

[72] LOKRE, JAHNAVI, US

[72] TRCKA, MILAN V., US

[72] PATEL, HIMANSHU, US

[72] ZWIERSTRA, JAN B., US

[72] DUNLOP, TREVOR, US

[72] GIFFORD, AARON, US

[71] REMENDIUM LABS LLC, US

[85] 2016-07-06

[86] 2015-01-06 (PCT/US2015/010356)

[87] (WO2015/103629)

[30] US (61/923,997) 2014-01-06

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[21] **2,936,325**  
[13] A1

[51] **Int.Cl. B65D 17/32 (2006.01)**  
[25] EN  
[54] **LID FOR CONTAINERS OF SUBSTANCES AND CONTAINER OF SUBSTANCES COMPRISING SAID LID**  
[54] **COUVERCLE CONTENANTS DE SUBSTANCES ET CONTENANT DE SUBSTANCES COMPRENANT CE COUVERCLE**  
[72] MENTASTI GRANELLI, KERRY, GB  
[71] INTERNATIONAL PATENTS AND BRANDS CORPORATION, PA  
[85] 2016-07-08  
[86] 2015-01-07 (PCT/IB2015/050115)  
[87] (WO2015/104659)  
[30] IT (UD2014A000003) 2014-01-08  
[30] IT (UD2014A000145) 2014-08-22

[21] **2,936,379**  
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01) H04L 12/26 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTING CLASSES OF AUTOMATED BROWSER AGENTS**  
[54] **SYSTEME POUR DETECTER DES CLASSES D'AGENTS DE NAVIGATEUR AUTOMATISES**  
[72] TIFFANY, MICHAEL, J.J., US  
[72] KAMINSKY, DANIEL, US  
[71] WHITE OPS, INC., US  
[85] 2016-06-17  
[86] 2014-01-29 (PCT/US2014/013550)  
[87] (WO2015/057255)  
[30] US (14/057,730) 2013-10-18

[21] **2,936,392**  
[13] A1

[51] **Int.Cl. B02C 2/06 (2006.01) B02C 2/04 (2006.01)**  
[25] EN  
[54] **TOP SUPPORTED MAINSHAFT SUSPENSION SYSTEM**  
[54] **SYSTEME DE SUSPENSION D'ARBRE PRINCIPAL SUPPORTE PAR LE HAUT**  
[72] URBINATTI, VICTOR G., US  
[72] POLINSKI, DONALD J, US  
[71] METSO MINERALS INDUSTRIES, INC., US  
[85] 2016-07-08  
[86] 2015-01-05 (PCT/US2015/010095)  
[87] (WO2015/108711)  
[30] US (14/154,230) 2014-01-14

[21] **2,936,554**  
[13] A1

[51] **Int.Cl. C10L 3/10 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR PURIFYING NATURAL GASES**  
[54] **PROCEDES ET SYSTEMES POUR LA PURIFICATION DE GAZ NATURELS**  
[72] ROTHERMEL, JEFFREY TODD, US  
[72] NORTHROP, PAUL SCOTT, US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2016-07-12  
[86] 2015-03-18 (PCT/US2015/021234)  
[87] (WO2015/156971)  
[30] US (61/977,508) 2014-04-09

[21] **2,936,775**  
[13] A1

[51] **Int.Cl. F16L 53/00 (2006.01) H05B 3/02 (2006.01) F16L 1/12 (2006.01)**  
[25] EN  
[54] **ANNULUS DESIGN FOR PIPE-IN-PIPE SYSTEM**  
[54] **CONCEPTION D'ESPACE ANNULAIRE POUR SYSTEME TUYAU DANS TUYAU**  
[72] BASS, RONALD M., US  
[72] ROGERS, ROBERT H., US  
[72] BRUASET, ARE, NO  
[72] JACKSON, ADAM, NO  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2016-07-13  
[86] 2015-03-16 (PCT/US2015/020649)  
[87] (WO2015/148162)  
[30] US (61/970,768) 2014-03-26  
[30] US (62/113,903) 2015-02-09

[21] **2,936,824**  
[13] A1

[51] **Int.Cl. B42D 25/328 (2014.01) B42D 25/24 (2014.01) B42D 25/29 (2014.01)**  
[25] EN  
[54] **SECURITY ELEMENTS AND METHODS OF THEIR MANUFACTURE**  
[54] **ELEMENTS DE SECURITE ET LEURS PROCEDES DE FABRICATION**  
[72] HOLMES, BRIAN WILLIAM, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
[85] 2016-07-13  
[86] 2015-01-15 (PCT/GB2015/050074)  
[87] (WO2015/107347)  
[30] GB (1400910.4) 2014-01-20

[21] **2,936,964**  
[13] A1

[51] **Int.Cl. F25D 13/04 (2006.01) F25D 13/02 (2006.01)**  
[25] EN  
[54] **A LOCKER SYSTEM**  
[54] **SYSTEME DE CASIERS**  
[72] IMAM, NASHIM, GB  
[72] DADE, NIGEL, GB  
[72] HUNT, GARETH, GB  
[72] CHUNG, HOI KAN, GB  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2016-07-14  
[86] 2015-01-28 (PCT/GB2015/050198)  
[87] (WO2015/114331)  
[30] GB (1401539.0) 2014-01-29  
[30] GB (1401910.3) 2014-02-04  
[30] GB (1405566.9) 2014-03-27  
[30] GB (1411043.1) 2014-06-18  
[30] GB (1416641.7) 2014-09-19  
[30] GB (1416742.3) 2014-09-22  
[30] GB (1423158.3) 2014-12-23

[21] **2,937,132**  
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01) C08L 75/04 (2006.01)**  
[25] EN  
[54] **METHODS OF USING THERMOPLASTIC POLYURETHANES IN FUSED DEPOSITION MODELING AND SYSTEMS AND ARTICLES THEREOF**  
[54] **PROCEDES D'UTILISATION DE POLYURETHANES THERMOPLASTIQUES DANS LA MODELISATION PAR DEPOT FONDU, SYSTEMES ET ARTICLES A BASE DE CEUX-CI**  
[72] COX, JOHN M., US  
[72] VONTORCIK, JOSEPH J., JR., US  
[72] AULT, EDWARD W., US  
[71] LUBRIZOL ADVANCED MATERIALS, INC., US  
[85] 2016-07-15  
[86] 2015-01-16 (PCT/US2015/011687)  
[87] (WO2015/109141)  
[30] US (61/928,429) 2014-01-17

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[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/12 (2006.01) C11D 7/20 (2006.01) C11D 7/22 (2006.01)**

[25] EN  
[54] **ANTI-FOAM COMPOSITIONS**  
[54] **COMPOSITIONS ANTIMOUSSSES**  
[72] PANANDIKER, RAJAN KESHAV, US  
[72] KLUESENER, BERNARD WILLIAM, US  
[72] LANGEVIN, REBECCA ANN, US  
[72] RANDALL, SHERRI LYNN, US  
[72] SAKURAI, TAKATO, JP  
[72] MORIYA, HIROYUKI, JP  
[72] KOBAYASHI, AKIHIRO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-07-18  
[86] 2015-02-26 (PCT/US2015/017629)  
[87] (WO2015/130872)  
[30] US (61/944,770) 2014-02-26  
[30] US (61/991,649) 2014-05-12  
[30] US (62/028,965) 2014-07-25  
[30] US (62/044,447) 2014-09-02

[21] **2,937,320**  
[13] A1

[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/505 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

[25] EN  
[54] **THERAPIES FOR TREATING CANCERS**  
[54] **THERAPIES POUR LE TRAITEMENT DE CANCERS**  
[72] DANSEY, ROGER, US  
[72] DUBOWY, RONALD L., US  
[72] LANNUTTI, BRIAN J., US  
[72] MEADOWS, SARAH, US  
[72] QUEVA, CHRISTOPHE, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2016-07-19  
[86] 2015-01-19 (PCT/US2015/011922)  
[87] (WO2015/109286)  
[30] US (61/929,370) 2014-01-20  
[30] US (62/046,881) 2014-09-05  
[30] US (62/088,422) 2014-12-05

[21] **2,937,371**  
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/72 (2006.01) A61Q 19/10 (2006.01)**

[25] EN  
[54] **SKIN CLEANSING COMPOSITIONS COMPRISING BIODEGRADABLE ABRASIVE PARTICLES**  
[54] **COMPOSITIONS NETTOYANTES POUR LA PEAU COMPRENANT DES PARTICULES ABRASIVES BIODEGRADABLES**  
[72] GONZALES, DENIS ALFRED, FR  
[72] GROOMBRIDGE, MICHAEL LESLIE, GB  
[72] MCDONNELL, MICHAEL, GB  
[72] GLASSMEYER, STEPHEN ROBERT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-07-19  
[86] 2015-02-03 (PCT/US2015/014175)  
[87] (WO2015/123049)  
[30] US (61/940,496) 2014-02-17

[21] **2,937,307**  
[13] A1

[51] **Int.Cl. C09D 5/18 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01) E04D 3/34 (2006.01) E04D 5/02 (2006.01) D06N 5/00 (2006.01)**

[25] FR  
[54] **METHOD FOR PRODUCING A COVERING ELEMENT MADE FROM FIBRES IMPREGNATED WITH BITUMEN HAVING IMPROVED FIRE PROPERTIES, AND COMPOSITION**  
[54] **PROCEDE DE REALISATION D'UN ELEMENT DE COUVERTURE EN FIBRES IMPREGNE DE BITUME A COMPORTEMENT AU FEU AMELIORE ET COMPOSITION**  
[72] TOKDEMIR, EYUP, TR  
[72] SAKIOGLU, ETHEM, TR  
[71] ONDULINE, FR  
[85] 2016-07-18  
[86] 2015-01-22 (PCT/FR2015/050159)  
[87] (WO2015/114239)  
[30] FR (14 00213) 2014-01-28

[21] **2,937,360**  
[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/72 (2006.01) A61Q 17/00 (2006.01)**

[25] EN  
[54] **SKIN PROTECTOR**  
[54] **PROTECTEUR DE LA PEAU**  
[72] WIDULLE, HERBERT, DE  
[71] COR S.A.R.L., LU  
[85] 2016-07-19  
[86] 2014-12-29 (PCT/EP2014/079366)  
[87] (WO2015/106945)  
[30] EP (14151751.6) 2014-01-20

[21] **2,937,444**  
[13] A1

[51] **Int.Cl. C08J 5/22 (2006.01) H01M 8/1044 (2016.01) H01M 8/1081 (2016.01)**

[25] EN  
[54] **BLEND MEMBRANES BASED ON POLYBENZIMIDAZOLE (PBI) AND POLYMERIC IONIC LIQUIDS (PILS) AND A PROCESS FOR THE PREPARATION THEREOF**  
[54] **MELANGE DE MEMBRANES A BASE DE POLYBENZIMIDAZOLE (PBI) ET DE LIQUIDES IONIQUES POLYMERES (PIL) ET SON PROCEDE DE PREPARATION**  
[72] KHARUL, ULHAS KANHAIYALAL, IN  
[72] KURUNGOT, SREEKUMAR, IN  
[72] REWAR, ANITA SANWARMAL, IN  
[72] CHAUDHARI, HARSHAL DILIP, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[85] 2016-07-20  
[86] 2015-01-21 (PCT/IN2015/000037)  
[87] (WO2015/132797)  
[30] IN (0184/DEL/2014) 2014-01-21

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[21] **2,937,467**  
[13] A1

[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/06 (2006.01) A61B 8/08 (2006.01) A61B 8/14 (2006.01) A61N 7/00 (2006.01)**

[25] EN

[54] **ESTIMATION OF ACOUSTIC LEVEL IN-SITU WITH NON-FUNDAMENTAL ANALYSIS**

[54] **ESTIMATION DE NIVEAU ACOUSTIQUE IN SITU AVEC ANALYSE NON-FONDAMENTALE**

[72] CASQUEIRO, GILLES, CH

[72] GAUD, EMMANUEL, CH

[72] ARDITI, MARCEL, CH

[72] FRINKING, PETER, CH

[71] BRACCO SUISSE SA, CH

[85] 2016-07-20

[86] 2015-04-03 (PCT/EP2015/097020)

[87] (WO2015/155380)

[30] EP (14163716.5) 2014-04-07

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[21] **2,937,503**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **ANTI-LAG-3 ANTIBODIES TO TREAT HEMATOLOGICAL MALIGNANCIES**

[54] **ANTICORPS ANTI-LAG-3 POUR TRAITER DES HEMOPATHIES MALIGNES**

[72] GUTIERREZ, ANDRES A., US

[72] GROSSO, JOSEPH, US

[72] HILL, CHRISTOPHER MARK, US

[72] SELBY, MARK, US

[72] LEWIS, KATHERINE E., US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

[85] 2016-07-20

[86] 2015-01-26 (PCT/US2015/012916)

[87] (WO2015/116539)

[30] US (61/932,589) 2014-01-28

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[21] **2,937,508**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **CAPSULE FOR BEVERAGES**

[54] **CAPSULE POUR BOISSONS**

[72] BARTOLI, ANDREA, IT

[72] CAPITINI, DAVIDE, IT

[72] GRILLENZONI, ALESSANDRO, IT

[72] TRALDI, FLAVIO, IT

[71] SARONG SOCIETA' PER AZIONI, IT

[85] 2016-07-20

[86] 2015-03-10 (PCT/IB2015/051726)

[87] (WO2015/136433)

[30] IT (MO2014A000062) 2014-03-12

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[21] **2,937,535**  
[13] A1

[51] **Int.Cl. B63H 21/38 (2006.01) B63G 8/12 (2006.01) B63H 21/14 (2006.01) B63H 21/17 (2006.01) B63H 21/21 (2006.01)**

[25] EN

[54] **AUTONOMOUS POWER GENERATION IN SUBMERSIBLE ENVIRONMENTS**

[54] **PRODUCTION D'ENERGIE AUTONOME DANS DES ENVIRONNEMENTS SUBMERSIBLES**

[72] CANTWELL, JEFFREY RICHARD, US

[72] CONNIFF, JAMES D., US

[71] THE BOEING COMPANY, US

[85] 2016-07-20

[86] 2015-01-12 (PCT/US2015/011018)

[87] (WO2015/156860)

[30] US (14/202,347) 2014-03-10

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[21] **2,937,556**  
[13] A1

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 11/06 (2006.01) C07K 16/24 (2006.01) C07K 16/46 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **ANTI-IL-13/IL-17 BISPECIFIC ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS BISPECIFIQUES ANTI-IL-13/IL-17 ET LEURS UTILISATIONS**

[72] WU, LAWREN, US

[72] ARRON, JOSEPH R., US

[72] DILLON, MICHAEL, US

[72] CHOY, DAVID F., US

[72] SOHN, SUE, US

[72] SPIESS, CHRISTOPH, US

[72] SHATZ, WHITNEY, US

[71] GENENTECH, INC., US

[85] 2016-07-20

[86] 2015-02-23 (PCT/US2015/017168)

[87] (WO2015/127405)

[30] US (61/942,823) 2014-02-21

[30] US (61/983,945) 2014-04-24

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[21] **2,937,648**  
[13] A1

[51] **Int.Cl. C21B 13/00 (2006.01) C22B 1/24 (2006.01)**

[25] EN

[54] **COMPOSITE IRON PELLETS**

[54] **BOULETTES DE FER COMPOSITES**

[72] SADDIK, MOHAMED BAGHAT, SA

[71] SAUDI BASIC INDUSTRIES CORPORATION, SA

[85] 2016-07-21

[86] 2015-01-28 (PCT/IB2015/050662)

[87] (WO2015/114546)

[30] US (61/934,555) 2014-01-31

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[21] **2,937,656**  
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4025 (2006.01) A61K 31/404 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/4745 (2006.01) A61K 31/498 (2006.01) A61K 31/517 (2006.01) A61P 29/00 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 513/04 (2006.01)**

[25] EN

[54] **NOVEL HETEROBICYCLIC COMPOUNDS AS KAPPA OPIOID AGONISTS**

[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES UTILISES COMME AGONISTES OPIOIDES KAPPA**

[72] DESAI, RANJIT, C., IN  
[72] BAHEKAR, RAJESH, IN  
[72] PRAJAPATI, VIJAY, IN  
[72] PATEL, PANKAJ, R., IN  
[71] CADILA HEALTHCARE LIMITED, IN

[85] 2016-07-21  
[86] 2015-01-23 (PCT/IN2015/000043)  
[87] (WO2015/114660)  
[30] IN (272/MUM/2014) 2014-01-24

[21] **2,937,660**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61K 38/20 (2006.01)**

[25] EN

[54] **IL-2RBETA-SELECTIVE AGONISTS IN COMBINATION WITH AN ANTI-CTLA-4 ANTIBODY OR AN ANTI-PD-1 ANTIBODY**

[54] **AGONISTES SELECTIFS D'IL-2RBETA EN COMBINAISON AVEC UN ANTICORPS ANTI-CTLA-4 OU UN ANTICORPS ANTI-PD-1**

[72] ADDEPALLI, MURALI KRISHNA, IN  
[72] CHARYCH, DEBORAH H., US  
[72] KANTAK, SEEMA, US  
[72] LEE, STEVEN ROBERT, US  
[71] NEKTAR THERAPEUTICS (INDIA) PVT. LTD., IN  
[71] NEKTAR THERAPEUTICS, US

[85] 2016-07-21  
[86] 2015-02-20 (PCT/IN2015/000099)  
[87] (WO2015/125159)  
[30] IN (499/DEL/2014) 2014-02-21  
[30] IN (3087/DEL/2014) 2014-10-29

[21] **2,937,664**  
[13] A1

[51] **Int.Cl. C22C 9/04 (2006.01) C22C 1/03 (2006.01)**

[25] EN

[54] **BRASS WITH IMPROVED DEZINCIFICATION RESISTANCE AND MACHINABILITY**

[54] **LAITON PRESENTANT UNE MEILLEURE RESISTANCE A LA DEZINCIFICATION ET UNE MEILLEURE USINABILITE**

[72] NILSSON, JAN, SE  
[72] MARTINSEN MERELID, CATO, SE  
[71] NORDIC BRASS GUSUM AB, SE  
[71] IMI HYDRONIC ENGINEERING AB, SE

[85] 2016-07-21  
[86] 2015-01-30 (PCT/SE2015/050103)  
[87] (WO2015/115989)  
[30] SE (1450094-6) 2014-01-30

[21] **2,937,666**  
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A23K 20/00 (2016.01) A23K 50/10 (2016.01) A61K 9/16 (2006.01)**

[25] EN

[54] **ORALLY ADMINISTERED AGENT FOR RUMINANTS AND RUMINANT FEED CONTAINING SAME**

[54] **AGENT ADMINISTRE ORALEMENT POUR RUMINANTS ET ALIMENT POUR RUMINANTS CONTENANT CELUI-CI**

[72] ADACHI, TAKUHIKO, JP  
[72] SEYAMA, TOMOHIRO, JP  
[72] HIRAYASU, HIROFUMI, JP  
[72] KASAI, KOJI, JP  
[72] FUJITANI, YASUHIRO, JP  
[71] MORISHITA JINTAN CO., LTD., JP  
[71] RESEARCH INSTITUTE OF ENVIRONMENT, AGRICULTURE AND FISHERIES, OSAKA PREFECTURE, JP

[85] 2016-07-21  
[86] 2015-01-30 (PCT/JP2015/052754)  
[87] (WO2015/115618)  
[30] JP (2014-017200) 2014-01-31

[21] **2,937,667**  
[13] A1

[51] **Int.Cl. C25C 3/22 (2006.01)**

[25] FR

[54] **APPARATUS FOR TREATING GASES FROM ELECTROLYTIC CELLS FOR THE PRODUCTION OF ALUMINIUM**

[54] **INSTALLATION DE TRAITEMENT DE GAZ DE CUVES D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM**

[72] MALARD, THIERRY, FR  
[72] BOUHABILA, EL HANI, FR  
[72] QUENTIN DE GROMARD, ANTOINE, FR  
[71] FIVES SOLIOS S.A., FR

[85] 2016-07-21  
[86] 2015-03-06 (PCT/FR2015/050554)  
[87] (WO2015/140445)  
[30] FR (14 52416) 2014-03-21

[21] **2,937,687**  
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING A PERSONAL CARE COMPOSITION USING COMPACTED RHEOLOGY MODIFIERS**

[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE SOINS PERSONNELS AU MOYEN DE MODIFICATEURS RHEOLOGIQUES COMPACTES**

[72] AGERTON, MARK LEWIS, US  
[72] ALEXANDER, STEVEN ROBERT, US  
[72] BLUM, GINA LYNN, US  
[72] CAGGIONI, MARCO, US  
[72] DAWES, SUSAN MARIE, US  
[72] FARREN, DAVID MICHAEL, US  
[72] HEDIN, JUSTIN THOMAS LYDON, US  
[72] MILLER, CHARLES PHILLIP, US  
[72] NOVICKI, CHRISTA MARIE, US  
[72] PAYNE, MELISSA CHERIE, US  
[72] SCHOTTELKOTTE, MOLLY ROSE, US  
[72] WESNER, JOHN CHRISTOPHER, US  
[72] WOOD, RANDALL LEE, US  
[72] BERTA, JAMES ALBERT, US  
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-04-05  
[86] 2014-10-24 (PCT/US2014/062143)  
[87] (WO2015/065836)  
[30] US (61/896,435) 2013-10-28  
[30] US (61/897,348) 2013-10-30

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[21] **2,937,708**  
[13] A1

[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 17/16 (2006.01) A61B 17/29 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **SURGICAL INSTRUMENT FOR EXCISING TISSUE**

[54] **INSTRUMENT CHIRURGICAL UTILISE POUR EXCISER DES TISSUS**

[72] HALEEM, SHAHNAWAZ, GB

[71] HALEEM, SHAHNAWAZ, GB

[85] 2016-07-22

[86] 2015-01-23 (PCT/EP2015/051418)

[87] (WO2015/110611)

[30] GB (1401241.3) 2014-01-24

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[21] **2,937,715**  
[13] A1

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

[25] EN

[54] **IMPROVEMENTS IN AND RELATING TO SCREENS**

[54] **PERFECTIONNEMENTS APPORTES ET SE RAPPORTANT A DES CRIBLES**

[72] REID, STEPHEN, GB

[72] MCGEOCH, ANDREW, GB

[72] MANNING, MATTHEW, GB

[72] PURKIS, DANIEL GEORGE, GB

[71] WEATHERFORD U.K. LIMITED, GB

[85] 2016-07-22

[86] 2015-01-21 (PCT/GB2015/050133)

[87] (WO2015/110807)

[30] GB (1401066.4) 2014-01-22

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[21] **2,937,728**  
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) G02C 7/02 (2006.01)**

[25] EN

[54] **EYEWEAR LENS PRODUCTION BY MULTI-LAYER ADDITIVE TECHNIQUES**

[54] **PRODUCTION DE LENTILLE DE LUNETTES PAR DES TECHNIQUES ADDITIVES MULTI-COUCHE**

[72] MCKENZIE, ANDREW J., US

[72] AMBLER, DAVID MARK, US

[72] CRESPO VAZQUEZ, DANIEL, ES

[72] ALONSO FERNANDEZ, JOSE, ES

[72] QUIROGA, JUAN ANTONIO, ES

[71] INDIZEN OPTICAL TECHNOLOGIES, S.L., ES

[85] 2016-07-22

[86] 2015-03-26 (PCT/IB2015/001351)

[87] (WO2015/162498)

[30] US (14/226,686) 2014-03-26

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[21] **2,937,761**  
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 31/09 (2006.01)**

[25] EN

[54] **MEDICATION WITH A REDUCED BITTER TASTE PERCEPTION**

[54] **MEDICAMENT A PERCEPTION DE GOUT AMER REDUITE**

[72] LIN, YAKANG, US

[72] SREEKRISHNA, KOTI, US

[72] NEWLON, JASON WILLIAM, US

[72] FINDLEY, MOLLY CHRISTINE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-21

[86] 2015-02-27 (PCT/US2015/017895)

[87] (WO2015/131000)

[30] US (61/945,437) 2014-02-27

[30] US (62/065,843) 2014-10-20

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[21] **2,937,763**  
[13] A1

[51] **Int.Cl. A23L 27/20 (2016.01) A23L 27/00 (2016.01) A61K 8/84 (2006.01)**

[25] EN

[54] **COMPOSITIONS WITH REDUCED BITTER TASTE PERCEPTION**

[54] **COMPOSITIONS A PERCEPTION DE GOUT AMER REDUITE**

[72] LIN, YAKANG, US

[72] SREEKRISHNA, KOTI, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-21

[86] 2015-02-27 (PCT/US2015/017896)

[87] (WO2015/131001)

[30] US (61/945,437) 2014-02-27

[30] US (62/065,846) 2014-10-20

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[21] **2,937,766**  
[13] A1

[51] **Int.Cl. A61K 8/84 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS WITH A REDUCED BITTER TASTE PERCEPTION**

[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES DONT L'AMERTUME PERCUE EST REDUITE**

[72] LIN, YAKANG, US

[72] SREEKRISHNA, KOTI, US

[72] HAUGHT, JOHN CHRISTIAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-21

[86] 2015-02-27 (PCT/US2015/017897)

[87] (WO2015/131002)

[30] US (61/945,437) 2014-02-27

[30] US (62/065,866) 2014-10-20

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[21] **2,937,786**  
[13] A1

[51] **Int.Cl. B65D 75/54 (2006.01) B65D 33/00 (2006.01) B65D 83/08 (2006.01)**

[25] EN

[54] **DISPENSING SYSTEM FOR SANITARY TISSUE PRODUCTS**

[54] **SYSTEME DISTRIBUTEUR DE PAPIER A USAGE SANITAIRE ET DOMESTIQUE**

[72] STEPHENS, JERRY RAY, US

[72] PIANFETTI, STEPHANIE MOY, US

[72] COFFARO, PAUL JOSEPH, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-22

[86] 2015-01-27 (PCT/US2015/013032)

[87] (WO2015/113029)

[30] US (61/931,920) 2014-01-27

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[21] **2,937,787**  
[13] A1

[51] **Int.Cl. B65D 75/54 (2006.01) B65D 33/00 (2006.01) B65D 83/08 (2006.01)**

[25] EN

[54] **DISPENSING SYSTEM FOR SANITARY TISSUE PRODUCTS**

[54] **SYSTEME DE DISTRIBUTION POUR PRODUITS EN PAPIER A USAGE SANITAIRE**

[72] STEPHENS, JERRY RAY, US

[72] PIANFETTI, STEPHANIE MOY, US

[72] COFFARO, PAUL JOSEPH, US

[72] BALDRIDGE, DEVIN WILLIAM, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-22

[86] 2015-01-27 (PCT/US2015/013034)

[87] (WO2015/113030)

[30] US (61/931,920) 2014-01-27

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[21] **2,937,800**  
[13] A1

[51] **Int.Cl. A61K 33/18 (2006.01) A61K 33/00 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **HALOGEN TREATMENT OF HEART ATTACK AND ISCHEMIC INJURY**

[54] **TRAITEMENT AUX HALOGENES D'INFARCTUS DU MYOCARDE ET DE LESION ISCHEMIQUE**

[72] ROTH, MARK B., US

[72] MORRISON, MICHAEL L., US

[72] IWATA, AKIKO, US

[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US

[85] 2016-07-22

[86] 2015-02-10 (PCT/US2015/015227)

[87] (WO2015/120458)

[30] US (61/937,943) 2014-02-10

[30] US (62/007,015) 2014-06-03

[30] US (62/060,338) 2014-10-06

[30] US (62/082,957) 2014-11-21

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[21] **2,937,809**  
[13] A1

[51] **Int.Cl. A01N 25/28 (2006.01) A01N 53/06 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **HIGH-LOAD PYRETHROID ENCAPSULATED SEED TREATMENT FORMULATIONS**

[54] **FORMULATIONS DE TRAITEMENT DE GRAINE FORTEMENT CHARGEES COMPORTANT UN PYRETHROIDE SOUS FORME ENCAPSULEE**

[72] YAN, LAIBIN BRUCE, US

[72] MCLEOD, RODERICK G., CA

[72] KIBBEE, JOHN E., CA

[72] SCHERZINGER, WILLIAM M., IV, CA

[71] FMC CORPORATION, US

[85] 2016-07-22

[86] 2015-02-19 (PCT/US2015/016585)

[87] (WO2015/127051)

[30] US (61/941,943) 2014-02-19

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[21] **2,937,839**  
[13] A1

[51] **Int.Cl. A61B 90/11 (2016.01) A61B 50/00 (2016.01) A61B 17/34 (2006.01) A61B 17/86 (2006.01)**

[25] EN

[54] **STEREOTACTIC ACCESS DEVICES AND METHODS**

[54] **DISPOSITIFS ET PROCEDES D'ACCES STEREOTAXIQUE**

[72] GOWDA, ASHOK, US

[72] AHUJA, MANISH, US

[72] PATWARDHAN, RAVISH, US

[72] MCNICHOLS, ROGER J. (DECEASED), US

[72] HOUSSIÈRE, CHARLES, US

[71] VISUALASE, INC., US

[85] 2016-07-25

[86] 2015-01-23 (PCT/US2015/012675)

[87] (WO2015/112856)

[30] US (61/930,781) 2014-01-23

[30] US (14/602,591) 2015-01-22

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[21] **2,937,849**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **DEVICES, SYSTEMS AND METHODS FOR DELIVERING A PROSTHETIC MITRAL VALVE AND ANCHORING DEVICE**

[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE MISE EN PLACE D'UNE VALVE MITRALE PROTHETIQUE ET D'UN DISPOSITIF D'ANCRAGE**

[72] SPENCE, PAUL A., US

[72] TOMPKINS, LANDON H., US

[71] MITRAL VALVE TECHNOLOGIES SARL, CH

[85] 2016-07-25

[86] 2015-02-20 (PCT/IB2015/000901)

[87] (WO2015/125024)

[30] US (61/943,125) 2014-02-21

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[21] **2,937,874**  
[13] A1

[51] **Int.Cl. F24H 9/20 (2006.01) H02S 40/44 (2014.01) G01M 3/32 (2006.01) G05D 23/19 (2006.01)**

[25] EN

[54] **INTERACTIVE LEARNING WATER HEATING SCHEDULER**

[54] **PROGRAMMATEUR DE CHAUFFAGE D'EAU A APPRENTISSAGE INTERACTIF**

[72] ZEMACH, SHAI, IL

[71] ZEMACH, SHAI, IL

[85] 2016-07-25

[86] 2015-02-10 (PCT/IL2015/050151)

[87] (WO2015/121856)

[30] US (14/178,344) 2014-02-12

[30] US (61/992,281) 2014-05-13

[21] **2,937,956**  
[13] A1

[51] **Int.Cl. G06F 3/043 (2006.01) G06F 3/0346 (2013.01) G06F 3/0354 (2013.01) G06F 3/0488 (2013.01)**

[25] EN

[54] **IN-AIR ULTRASOUND PEN GESTURES**

[54] **GESTES DE STYLET A ULTRASONS DANS L'AIR**

[72] ALTMAN, NATHAN, US

[72] PADOVANI, NICCOLO, US

[72] BORNSTEIN, GILAD, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-07-25

[86] 2015-02-20 (PCT/US2015/016758)

[87] (WO2015/127167)

[30] US (61/943,261) 2014-02-21

[30] US (14/626,198) 2015-02-19

[21] **2,938,149**  
[13] A1

[51] **Int.Cl. G06K 9/20 (2006.01) B82Y 5/00 (2011.01) A61B 5/1172 (2016.01) B81B 7/00 (2006.01) G01N 27/414 (2006.01)**

[25] EN

[54] **NONDESTRUCTIVE COLLECTION OF EVIDENCE**

[54] **COLLECTE NON DESTRUCTIVE D'UNE PREUVE**

[72] MEARS, JOHN CLEON, US

[72] STUART, JEFFREY A., US

[71] LOCKHEED MARTIN CORPORATION, US

[85] 2016-07-28

[86] 2015-02-10 (PCT/US2015/015215)

[87] (WO2015/120452)

[30] US (61/937,894) 2014-02-10

[21] **2,938,254**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**

[25] EN

[54] **TRANSLATING SEARCH ENGINE**

[54] **MOTEUR DE RECHERCHE DE TRADUCTION**

[72] PERSSON, CLAES, SE

[71] MOBILEARN DEVELOPMENT LTD, GB

[85] 2016-07-28

[86] 2015-02-11 (PCT/EP2015/052885)

[87] (WO2015/121309)

[30] SE (1450148-0) 2014-02-11

[21] **2,938,265**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**

[25] EN

[54] **GENERATION OF API CALL GRAPHS FROM STATIC DISASSEMBLY**

[54] **GENERATION DE GRAPHES D'APPEL D'API A PARTIR D'UN DESASSEMBLAGE STATIQUE**

[72] SOEDER, DEREK A., US

[72] WOLFF, MATTHEW, US

[71] CYLANCE INC., US

[85] 2016-07-28

[86] 2015-01-30 (PCT/US2015/013934)

[87] (WO2015/117013)

[30] US (14/169,841) 2014-01-31

[30] US (14/590,788) 2015-01-06

[21] **2,938,267**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61K 9/19 (2006.01) A61K 47/02 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **SOLID PHARMACEUTICAL COMPOSITIONS COMPRISING BIOPTERIN DERIVATIVES AND USES OF SUCH COMPOSITIONS**

[54] **COMPOSITIONS PHARMACEUTIQUES SOLIDES CONTENANT DES DERIVES DE LA BIOPTERINE, ET UTILISATIONS DE CES COMPOSITIONS**

[72] SCHEURER, PETER, DE

[72] TEGTMEIER, FRANK, DE

[72] SCHINZEL, REINHARD, DE

[71] VASOPHARM GMBH, DE

[85] 2016-07-28

[86] 2015-03-30 (PCT/EP2015/056824)

[87] (WO2015/150294)

[30] EP (14162727.3) 2014-03-31

[21] **2,938,277**  
[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/72 (2006.01) A61K 8/895 (2006.01) A61Q 13/00 (2006.01) A61Q 17/02 (2006.01)**

[25] EN

[54] **EXTENDED RELEASE FRAGRANCE COMPOSITIONS**

[54] **COMPOSITIONS DE PARFUM A LIBERATION PROLONGEE**

[72] LULL, MICHAEL A., US

[72] MCNAMARA, WILLIAM E., US

[72] ANDERSON, GLEN T., US

[71] AVON PRODCUTS, INC., US

[85] 2016-07-28

[86] 2014-11-19 (PCT/US2014/066322)

[87] (WO2015/116306)

[30] US (14/165,687) 2014-01-28

[21] **2,938,359**  
[13] A1

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61C 19/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETERMINING THE THREE-DIMENSIONAL LOCATION AND ORIENTATION OF IDENTIFICATION MARKERS**

[54] **SYSTEME ET PROCEDE DE DETERMINATION DE L'EMPLACEMENT ET DE L'ORIENTATION TRIDIMENSIONNELS DE MARQUEURS D'IDENTIFICATION**

[72] DAON, EHUD UDI, CA

[72] BECKETT, MARTIN GREGORY, CA

[71] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA

[85] 2016-07-29

[86] 2015-02-09 (PCT/EP2015/052664)

[87] (WO2015/118157)

[30] US (61/938,033) 2014-02-10



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[21] **2,938,389**  
[13] A1

[51] **Int.Cl. H04W 16/08 (2009.01) H04W 36/16 (2009.01) H04W 48/16 (2009.01)**  
[25] EN  
[54] **MACHINE-TO-MACHINE (M2M) TERMINAL, BASE STATION, METHOD, AND COMPUTER READABLE MEDIUM**  
[54] **TERMINAL DE MACHINE A MACHINE (M2M), STATION DE BASE, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR**  
[72] FUTAKI, HISASHI, JP  
[71] NEC CORPORATION, JP  
[85] 2016-07-29  
[86] 2014-09-04 (PCT/JP2014/004540)  
[87] (WO2015/114693)  
[30] JP (2014-015867) 2014-01-30

[21] **2,938,391**  
[13] A1

[51] **Int.Cl. F17C 13/00 (2006.01) F17C 5/06 (2006.01)**  
[25] EN  
[54] **GAS SUPPLY DEVICE, HYDROGEN STATION, AND GAS SUPPLY METHOD**  
[54] **DISPOSITIF D'ALIMENTATION EN GAZ, STATION D'HYDROGENE ET PROCEDE D'ALIMENTATION EN GAZ**  
[72] NAGURA, KENJI, JP  
[72] TAKAGI, HITOSHI, JP  
[72] UBA, TAKURO, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP  
[85] 2016-07-29  
[86] 2015-01-21 (PCT/JP2015/051470)  
[87] (WO2015/122247)  
[30] JP (2014-026433) 2014-02-14

[21] **2,938,392**  
[13] A1

[51] **Int.Cl. F17C 7/00 (2006.01)**  
[25] EN  
[54] **GAS SUPPLY SYSTEM AND HYDROGEN STATION**  
[54] **SYSTEME D'ALIMENTATION EN GAZ ET STATION-SERVICE A HYDROGENE**  
[72] NAGURA, KENJI, JP  
[72] KAKIUCHI, TETSUYA, JP  
[72] OKUNO, TAKASHI, JP  
[72] NOISHIKI, KOJI, JP  
[72] FUJISAWA, AKITOSHI, JP  
[72] MIURA, SHINICHI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP  
[85] 2016-07-29  
[86] 2015-01-29 (PCT/JP2015/052578)  
[87] (WO2015/125585)  
[30] JP (2014-031945) 2014-02-21  
[30] JP (2014-102064) 2014-05-16  
[30] JP (2014-210783) 2014-10-15

[21] **2,938,393**  
[13] A1

[51] **Int.Cl. G02C 13/00 (2006.01) C11D 7/22 (2006.01) C11D 17/08 (2006.01) G02C 7/04 (2006.01)**  
[25] EN  
[54] **LENS SOLUTION, CONTACT LENS, AND PRODUCTION METHOD THEREFOR**  
[54] **SOLUTION DE LENTILLE, LENTILLE DE CONTACT, ET SON PROCEDE DE PRODUCTION**  
[72] ISO, KAZUHIRO, JP  
[72] HYUGAJI, SATOSHI, JP  
[71] JSR CORPORATION, JP  
[71] JSR LIFE SCIENCES CORPORATION, JP  
[85] 2016-07-29  
[86] 2015-02-06 (PCT/JP2015/053423)  
[87] (WO2015/119256)  
[30] JP (2014-021271) 2014-02-06

[21] **2,938,394**  
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 9/36 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01)**  
[25] EN  
[54] **COATING AGENT FOR SOLID PREPARATIONS, AND FILM AND COATED SOLID PREPARATION FORMED THEREWITH**  
[54] **AGENT DE REVETEMENT DESTINE A DES PREPARATIONS SOLIDES, ET PELLICULE ET PREPARATION SOLIDE AINSI REVETUE**  
[72] TAKAKI, SUGURU, JP  
[72] OHTA, KOTOE, JP  
[72] HORIUCHI, YASUhide, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2016-07-29  
[86] 2015-03-31 (PCT/JP2015/060039)  
[87] (WO2015/152195)  
[30] JP (2014-072607) 2014-03-31

[21] **2,938,395**  
[13] A1

[51] **Int.Cl. F02K 3/10 (2006.01) F23R 3/20 (2006.01)**  
[25] EN  
[54] **AFTERBURNER AND AIRCRAFT ENGINE**  
[54] **POST-BRULEUR, ET MOTEUR D'AVION**  
[72] TANAKA, SHINJI, JP  
[72] TAKAHASHI, KATSUYOSHI, JP  
[72] HOSOI, JUN, JP  
[71] IHI CORPORATION, JP  
[85] 2016-07-29  
[86] 2015-04-27 (PCT/JP2015/062670)  
[87] (WO2015/166902)  
[30] JP (2014-093557) 2014-04-30

[21] **2,938,397**  
[13] A1

[51] **Int.Cl. B26B 3/06 (2006.01)**  
[25] EN  
[54] **LOW PROFILE POCKET TOOL**  
[54] **OUTIL DE POCHE A PROFIL BAS POLYVALENT**  
[72] BARR, NATHAN GREGG, US  
[71] CAFFEINATE LABS INC, US  
[85] 2016-07-28  
[86] 2015-02-02 (PCT/US2015/014144)  
[87] (WO2015/117101)  
[30] US (61/934,352) 2014-01-31  
[30] US (62/095,697) 2014-12-22  
[30] US (14/590,980) 2015-01-06

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[21] **2,938,398**  
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01)**  
[25] EN  
[54] **RESPIRATORY MASK WITH NASOGASTRIC TUBE PATH**  
[54] **MASQUE RESPIRATOIRE AVEC CHEMIN DE SONDE NASOGASTRIQUE**  
[72] LIM, JAE YUN, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
[85] 2016-07-29  
[86] 2015-02-26 (PCT/NZ2015/050019)  
[87] (WO2015/130179)  
[30] US (61/945,034) 2014-02-26

[21] **2,938,399**  
[13] A1

[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 20/36 (2012.01)**  
[25] EN  
[54] **TRANSACTION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE TRANSACTION**  
[72] FERNANDEZ, JOSE BENJAMIN S., PH  
[72] IBASCO, ALEX D., PH  
[72] UBALDE, OLIVER L., PH  
[72] SALCEDO, RICHARD C., PH  
[72] YULO, JOSE ANTONIO C., PH  
[72] ORNIDO, OLIVER P., PH  
[71] EINNOVATIONS HOLDINGS PTE. LTD., SG  
[85] 2016-07-29  
[86] 2015-02-04 (PCT/SG2015/050012)  
[87] (WO2015/119578)  
[30] SG (2014008106) 2014-02-04  
[30] SG (10201400156Q) 2014-02-24

[21] **2,938,409**  
[13] A1

[51] **Int.Cl. C10G 45/00 (2006.01)**  
[25] EN  
[54] **ANTIFOULANTS FOR USE IN HYDROCARBON FLUIDS**  
[54] **AGENTS ANTI-ENCRASSEMENT POUR UNE UTILISATION DANS DES FLUIDES HYDROCARBONES**  
[72] OVASKAINEN, OSSI V., FI  
[72] RESPINI, MARCO, IT  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-07-29  
[86] 2015-01-30 (PCT/US2015/013702)  
[87] (WO2015/119850)  
[30] US (61/935,931) 2014-02-05  
[30] US (14/608,848) 2015-01-29

[21] **2,938,412**  
[13] A1

[51] **Int.Cl. F15B 15/12 (2006.01)**  
[25] EN  
[54] **PISTON TYPE ACTUATOR WITH PIN RETENTION FEATURES**  
[54] **ACTIONNEUR DE TYPE A PISTON COMPRENANT ELEMENTS DE RETENUE DE TIGE**  
[72] SOBOLEWSKI, PAWEL A., US  
[72] KIM, JOSEPH H., US  
[72] O'HARA, ROBERT P., US  
[72] HYDARI, SHAHBAZ H., US  
[71] WOODWARD, INC., US  
[85] 2016-07-29  
[86] 2015-01-30 (PCT/US2015/013737)  
[87] (WO2015/116919)  
[30] US (14/170,434) 2014-01-31

[21] **2,938,413**  
[13] A1

[51] **Int.Cl. A61M 11/04 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR PRODUCING HERBAL VAPOR**  
[54] **PROCEDES ET APPAREIL DE PRODUCTION DE VAPEUR A BASE D'HERBES**  
[72] BOURQUE, MICHAEL PATRICK, US  
[71] CANNAKORP, INC., US  
[85] 2016-07-29  
[86] 2015-01-30 (PCT/US2015/013778)  
[87] (WO2015/116934)  
[30] US (61/934,255) 2014-01-31

[21] **2,938,419**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01)**  
[25] EN  
[54] **AN IMPROVED FETAL HEMOGLOBIN FOR GENETIC CORRECTION OF SICKLE CELL DISEASE**  
[54] **HEMOGLOBINE F □ TALE AMELIOREE POUR LA CORRECTION GENETIQUE DE LA DREPANOCYTOSE**  
[72] MALIK, PUNAM, US  
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US  
[85] 2016-07-29  
[86] 2015-01-30 (PCT/US2015/013960)  
[87] (WO2015/117027)  
[30] US (61/933,788) 2014-01-30

[21] **2,938,420**  
[13] A1

[51] **Int.Cl. B23K 11/20 (2006.01)**  
[25] EN  
[54] **RESISTANCE WELDING FASTENER, APPARATUS AND METHODS**  
[54] **ELEMENT DE FIXATION A SOUDAGE PAR RESISTANCE, APPAREIL ET PROCEDES**  
[72] SPINELLA, DONALD J., US  
[72] BERGSTROM, DANIEL, US  
[71] ALCOA INC., US  
[85] 2016-07-29  
[86] 2015-02-02 (PCT/US2015/014062)  
[87] (WO2015/117059)  
[30] US (61/934,951) 2014-02-03

[21] **2,938,421**  
[13] A1

[51] **Int.Cl. A61K 33/30 (2006.01) A61K 9/26 (2006.01) C07D 487/22 (2006.01)**  
[25] EN  
[54] **FORMULATIONS FOR MICROPARTICLE DELIVERY OF ZINC PROTOPORPHYRINS**  
[54] **FORMULATIONS POUR L'ADMINISTRATION DE MICROPARTICULES DE PROTOPORPHYRINES DE ZINC**  
[72] STEVENSON, DAVID K., US  
[72] RAJADAS, JAYAKUMAR, US  
[72] ESPADAS, CECILIA, US  
[72] WONG, RONALD J., US  
[72] LECHUGA, DAVID, US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2016-07-29  
[86] 2015-02-02 (PCT/US2015/014079)  
[87] (WO2015/117069)  
[30] US (61/935,200) 2014-02-03

[21] **2,938,438**  
[13] A1

[51] **Int.Cl. A47J 27/14 (2006.01) A47J 37/06 (2006.01)**  
[25] EN  
[54] **FOOD PREPARATION DEVICE**  
[54] **DISPOSITIF DE PREPARATION D'ALIMENTS**  
[72] CHEN, HAIDEE, US  
[72] CHEN, HELEN, US  
[71] SERENTE CORPORATION, US  
[85] 2016-07-29  
[86] 2015-02-03 (PCT/US2015/014322)  
[87] (WO2015/117156)  
[30] US (14/171,578) 2014-02-03  
[30] US (14/171,539) 2014-02-03

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[21] **2,938,442**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01)**  
[25] EN  
[54] **LOW-LATENCY VISUAL RESPONSE TO INPUT VIA PRE-GENERATION OF ALTERNATIVE GRAPHICAL REPRESENTATIONS OF APPLICATION ELEMENTS AND INPUT HANDLING ON A GRAPHICAL PROCESSING UNIT**

[54] **REPOSE VISUELLE A FAIBLE LATENCE A UNE ENTREE PAR PRE-GENERATION DE REPRESENTATIONS GRAPHIQUES D'ELEMENTS D'APPLICATION DE REMPLACEMENT ET TRAITEMENT D'ENTREE SUR UNE UNITE DE TRAITEMENT GRAPHIQUE**

[72] WIGDOR, DANIEL, CA  
[72] SANDERS, STEVEN LEONARD, US  
[72] COSTA, RICARDO JORGE JOTA, CA  
[72] FORLINES, CLIFTON, CA  
[71] TACTUAL LABS CO., US  
[85] 2016-07-29  
[86] 2015-02-04 (PCT/US2015/014494)  
[87] (WO2015/120073)  
[30] US (61/935,674) 2014-02-04

[21] **2,938,444**  
[13] A1

[51] **Int.Cl. G06F 9/455 (2006.01) E21B 43/12 (2006.01) G06G 7/48 (2006.01)**  
[25] EN  
[54] **SIMULATING FLUID PRODUCTION IN A COMMON SURFACE NETWORK USING EOS MODELS WITH BLACK OIL MODELS**

[54] **SIMULATION DE PRODUCTION DE FLUIDE DANS UN RESEAU DE SURFACE COMMUNE A L'AIDE DE MODELES EOS AYANT DES MODELES D'HUILE NOIRE**

[72] WONG, TERRY, US  
[72] FLEMING, GRAHAM C., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-08-01  
[86] 2015-03-12 (PCT/US2015/020297)  
[87] (WO2015/138809)  
[30] US (61/951,827) 2014-03-12

[21] **2,938,447**  
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) G06F 9/455 (2006.01) G06G 7/48 (2006.01)**  
[25] EN  
[54] **SHARED EQUATION OF STATE CHARACTERIZATION OF MULTIPLE FLUIDS**

[54] **CARACTERISATION D'EQUATION D'ETAT PARTAGEE DE FLUIDES MULTIPLES**

[72] WONG, TERRY, US  
[72] FLEMING, GRAHAM, US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-08-01  
[86] 2015-03-12 (PCT/US2015/020299)  
[87] (WO2015/138811)  
[30] US (61/951,831) 2014-03-12

[21] **2,938,449**  
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01)**  
[25] EN  
[54] **CAMERA-BASED MONITORING OF VITAL SIGNS OF DURING PHOTOTHERAPY TREATMENT**

[54] **SURVEILLANCE A BASE DE CAMERA DE SIGNES VITAUX AU COURS D'UN TRAITEMENT DE LUMINOTHERAPIE**

[72] KIRENKO, IHOR OLEHOVYCH, NL  
[71] KONINKLIJKE PHILIPS N.V., NL  
[85] 2016-08-02  
[86] 2015-01-22 (PCT/EP2015/051178)  
[87] (WO2015/117828)  
[30] EP (14153928.8) 2014-02-05

[21] **2,938,451**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHYLATION HAPLOTYPING FOR NON-INVASIVE DIAGNOSIS (MONOD)**

[54] **HAPLOTYPAGE DE METHYLATION POUR LE DIAGNOSTIC NON INVASIF (MONOD)**

[72] ZHANG, KUN, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2016-07-29  
[86] 2015-01-29 (PCT/US2015/013562)  
[87] (WO2015/116837)  
[30] US (61/933,750) 2014-01-30

[21] **2,938,453**  
[13] A1

[51] **Int.Cl. C01B 33/035 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING POLYCRYSTALLINE SILICON**

[54] **PROCEDE DE PRODUCTION DE SILICIUM POLYCRISTALLIN**

[72] HERTLEIN, HARALD, DE  
[72] POPP, FRIEDRICH, US  
[71] WACKER CHEMIE AG, DE  
[85] 2016-08-02  
[86] 2015-01-22 (PCT/EP2015/051284)  
[87] (WO2015/113894)  
[30] DE (10 2014 201 893.5) 2014-02-03

[21] **2,938,454**  
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) A61K 45/00 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **COVALENTLY BOUND METABOLITES AS BIOMARKERS**

[54] **METABOLITES LIES PAR DES LIAISONS COVALENTES UTILISABLES EN TANT QUE BIOMARQUEURS**

[72] MATSON, WAYNE R., US  
[71] IXCELA, INC., US  
[85] 2016-07-29  
[86] 2015-01-30 (PCT/US2015/013888)  
[87] (WO2015/116988)  
[30] US (61/934,374) 2014-01-31

[21] **2,938,457**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A COMMUNITY GAME WITH HYBRID JACKPOT FUNDING**

[54] **SYSTEME ET PROCEDE POUR UN JEU COMMUNAUTAIRE A FINANCEMENT DE CAGNOTTE HYBRIDE**

[72] CZUBAK, ROMAN, AT  
[72] CHYLA, ANNA, AT  
[72] PEKINA, ANASTASIA, AT  
[71] NOVOMATIC AG, AT  
[85] 2016-08-02  
[86] 2015-01-23 (PCT/EP2015/051406)  
[87] (WO2015/113912)  
[30] US (61/934,926) 2014-02-03

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[21] **2,938,460**  
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01)**  
[25] EN  
[54] **FREQUENCY CONVERSION IN A TOUCH SENSOR**  
[54] **CONVERSION DE FREQUENCE DANS UN CAPTEUR TACTILE**  
[72] LEIGH, DARREN, US  
[72] FORLINES, CLIFTON, CA  
[72] WIGDOR, DANIEL, CA  
[72] SANDERS, STEVEN LEONARD, US  
[71] TACTUAL LABS CO., US  
[85] 2016-07-29  
[86] 2015-02-04 (PCT/US2015/014503)  
[87] (WO2015/120081)  
[30] US (61/935,709) 2014-02-04

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[21] **2,938,462**  
[13] A1

[51] **Int.Cl. G01N 19/04 (2006.01) G01N 3/00 (2006.01)**  
[25] EN  
[54] **POSITIVE DRIVE FLOOR TEST APPARATUS**  
[54] **APPAREIL D'ESSAI DE PLANCHER A ENTRAINEMENT POSITIF**  
[72] CAVALIERO, ROBERT W., US  
[72] PEDDLE, ROBERT, US  
[71] UNITED STATES GYPSUM COMPANY, US  
[85] 2016-07-29  
[86] 2015-02-05 (PCT/US2015/014591)  
[87] (WO2015/120135)  
[30] US (61/937,172) 2014-02-07  
[30] US (14/507,256) 2014-10-06  
[30] US (14/507,263) 2014-10-06

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[21] **2,938,464**  
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) B23P 15/26 (2006.01)**  
[25] EN  
[54] **FLUID-FLOW-THROUGH COOLING OF CIRCUIT BOARDS**  
[54] **REFROIDISSEMENT DES CARTES DE CIRCUITS PAR ECOULEMENT D'UN FLUIDE**  
[72] KAPLUN, BRIAN W., US  
[72] EICHE, JAMES S., US  
[72] VOS, DAVID L., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2016-07-29  
[86] 2015-02-05 (PCT/US2015/014667)  
[87] (WO2015/120182)  
[30] US (14/175,377) 2014-02-07

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[21] **2,938,466**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING ALZHEIMER'S DISEASE**  
[54] **METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**  
[72] CHO, WILLIAM, US  
[72] FRIESENHAHN, MICHEL, US  
[72] PAUL, ROBERT, US  
[72] WARD, MICHAEL, US  
[71] GENENTECH, INC., US  
[85] 2016-07-29  
[86] 2015-02-06 (PCT/US2015/014758)  
[87] (WO2015/120233)  
[30] US (61/937,472) 2014-02-08  
[30] US (61/971,479) 2014-03-27  
[30] US (62/010,259) 2014-06-10  
[30] US (62/081,992) 2014-11-19

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[21] **2,938,468**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **COILED ANCHOR FOR SUPPORTING PROSTHETIC HEART VALVE, PROSTHETIC HEART VALVE, AND DEPLOYMENT DEVICE**  
[54] **ANCORAGE HELICOIDAL POUR MAINTENIR UNE VALVULE CARDIAQUE PROTHETIQUE, VALVULE CARDIAQUE PROTHETIQUE, ET DISPOSITIF DE DEPLOIEMENT**  
[72] CHAU, MARK, US  
[72] SIEGEL, ALEXANDER J., US  
[71] MITRAL VALVE TECHNOLOGIES SARL, CH  
[85] 2016-07-29  
[86] 2015-02-20 (PCT/US2015/016898)  
[87] (WO2015/127264)  
[30] US (61/942,300) 2014-02-20

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[21] **2,938,483**  
[13] A1

[51] **Int.Cl. H02M 7/02 (2006.01) G01D 11/00 (2006.01) H02M 7/06 (2006.01) H02J 50/27 (2016.01)**  
[25] FR  
[54] **DEVICE FOR CONVERTING RADIOFREQUENCY ENERGY INTO DC CURRENT (RECTIFIER ANTENNA) AND CORRESPONDING SENSOR**  
[54] **DISPOSITIF DE CONVERSION D'ENERGIE RADIOFREQUENCE EN COURANT CONTINU (ANTENNE REDRESSEUSE) ET CAPTEUR CORRESPONDANT**  
[72] KUHN, VERONIQUE, FR  
[72] SEGUIN, FABRICE, FR  
[72] LAHUEC, CYRIL, FR  
[72] PERSON, CHRISTIAN, FR  
[71] INSTITUT MINES TELECOM, FR  
[85] 2016-07-29  
[86] 2015-02-12 (PCT/EP2015/053031)  
[87] (WO2015/121388)  
[30] FR (1451192) 2014-02-14

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[21] **2,938,488**  
[13] A1

[51] **Int.Cl. F16B 19/00 (2006.01) F16B 12/12 (2006.01) F16B 12/20 (2006.01) F16B 17/00 (2006.01)**  
[25] EN  
[54] **CINCH FASTENING DEVICE**  
[54] **DISPOSITIF DE FIXATION DE SANGLE**  
[72] KOELLING, BRYAN, US  
[71] LOCKDOWEL, INC., US  
[85] 2016-08-01  
[86] 2015-02-03 (PCT/US2015/014336)  
[87] (WO2015/117161)  
[30] US (61/935,326) 2014-02-03

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[21] **2,938,491**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) A61K 9/00 (2006.01) B65B 31/00 (2006.01)**  
[25] EN  
[54] **PRESSURISED METERED DOSE INHALERS AND METHOD OF MANUFACTURE**  
[54] **INHALATEURS DOSEURS SOUS PRESSION ET PROCEDE DE FABRICATION**  
[72] TAYLOR, GLYN, GB  
[72] WARREN, SIMON, GB  
[72] TRAN, CUONG, GB  
[71] CARDIFF SCINTIGRAPHICS LIMITED, GB  
[85] 2016-08-02  
[86] 2015-02-12 (PCT/GB2015/050390)  
[87] (WO2015/121653)  
[30] GB (1402513.4) 2014-02-13

[21] **2,938,494**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **FERTILITY AND PREGNANCY MONITORING DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE DE FERTILITE ET DE GROSSESSE**  
[72] PORTER, ROBERT, GB  
[72] ZHANG, ZHI, GB  
[71] CONCEPTA DIAGNOSTICS LIMITED, GB  
[85] 2016-08-02  
[86] 2015-02-13 (PCT/GB2015/050402)  
[87] (WO2015/121661)  
[30] GB (1402668.6) 2014-02-14

[21] **2,938,495**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/42 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01)**  
[25] EN  
[54] **NOVEL FULL SPECTRUM ANTI-DENGUE ANTIBODY**  
[54] **NOUVEAUX ANTICORPS ANTI-DENGUE A SPECTRE COMPLET**  
[72] SASISEKHARAN, RAM, US  
[72] THARAKARAMAN, KANNAN, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2016-08-01  
[86] 2015-02-11 (PCT/US2015/015510)  
[87] (WO2015/123362)  
[30] US (61/938,605) 2014-02-11

[21] **2,938,498**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **SUBSTRATE CLEARANCE ASSAYS FOR LYSOSOMAL ENZYMES**  
[54] **DOSAGES DE CLAIRANCE DE SUBSTRAT POUR DES ENZYMES LYSOSOMALES**  
[72] CHHAJLANI, VIJAY, US  
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US  
[85] 2016-08-01  
[86] 2015-02-18 (PCT/US2015/016394)  
[87] (WO2015/126953)  
[30] US (61/941,365) 2014-02-18

[21] **2,938,499**  
[13] A1

[51] **Int.Cl. A61K 8/04 (2006.01) A01N 25/04 (2006.01) A01N 25/12 (2006.01) A01N 25/14 (2006.01) A01N 43/52 (2006.01) A01N 43/54 (2006.01) A01N 43/90 (2006.01) A61K 8/02 (2006.01) A61K 9/16 (2006.01)**  
[25] EN  
[54] **ECTOPARASITE FORMULATION**  
[54] **FORMULATION ECTOPARASITAIRE**  
[72] CLEVERLY, DOUGLAS ROBERT, NZ  
[72] GILL, DAVID ANTHONY, NZ  
[72] MORROW, DESMOND IAN JOHN, NZ  
[71] CLEVERLY, DOUGLAS ROBERT, NZ  
[71] GILL, DAVID ANTHONY, NZ  
[71] MORROW, DESMOND IAN JOHN, NZ  
[85] 2016-08-02  
[86] 2015-02-04 (PCT/IB2015/050857)  
[87] (WO2015/118468)  
[30] US (61/935,835) 2014-02-04

[21] **2,938,501**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] FR  
[54] **CONJUGATES AND PRODRUGS FOR TREATING OF CANCER AND INFLAMMATORY DISEASES**  
[54] **CONJUGUES ET PRO-DROGUES POUR LE TRAITEMENT DU CANCER ET DE MALADIES INFLAMMATOIRES**  
[72] PAPOT, SEBASTIEN, FR  
[72] OPALINSKI, ISABELLE, FR  
[72] RENOUX, BRIGITTE, FR  
[72] LEGIGAN, THIBAUT, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE DE POITIERS, FR  
[85] 2016-08-02  
[86] 2015-02-06 (PCT/IB2015/050914)  
[87] (WO2015/118497)  
[30] FR (1450956) 2014-02-07

[21] **2,938,502**  
[13] A1

[51] **Int.Cl. C10B 47/30 (2006.01) C10B 13/00 (2006.01)**  
[25] EN  
[54] **MOBILE PLANT FOR THERMALLY TREATING A CONTAMINATED OR UNCONTAMINATED FEED STREAM, PROCESSES THEREOF AND USES OF PRODUCTS THEREOF**  
[54] **STATION MOBILE DE TRAITEMENT THERMIQUE D'UN COURANT D'ALIMENTATION CONTAMINE OU NON, PROCEDES ASSOCIES ET UTILISATIONS DE PRODUITS ASSOCIEES**  
[72] WHEELER, LUCIE B., CA  
[72] BERTRAND, LOUIS, CA  
[71] ENVIROLLEA INC., CA  
[85] 2016-08-02  
[86] 2013-02-06 (PCT/CA2013/050092)  
[87] (WO2014/121369)

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[13] A1

[51] **Int.Cl. B05B 5/03 (2006.01) H01L 21/02 (2006.01)**  
[25] FR  
[54] **SURFACE COATING METHOD AND DEVICE FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE D'ENDUCTION DE SURFACE ET DISPOSITIF DE MISE EN OEUVRE**  
[72] GROSSO, DAVID, FR  
[72] LOUIS, BENJAMIN, FR  
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2016-08-02  
[86] 2015-02-12 (PCT/IB2015/051061)  
[87] (WO2015/121827)  
[30] FR (1451132) 2014-02-13

[21] **2,938,507**  
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01) A01K 63/02 (2006.01) A61D 7/04 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR ANESTHETIZING FISH AND SHELLFISH**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT L'ANESTHESIE DES POISSONS**  
[72] KUGINO, KENJI, JP  
[72] KUGINO, MUTSUKO, JP  
[72] ASAKURA, TOMIKO, JP  
[71] MARINE BIOTECHNOLOGY INC., JP  
[85] 2016-08-02  
[86] 2014-02-17 (PCT/JP2014/053673)  
[87] (WO2015/122021)

[21] **2,938,509**  
[13] A1

[51] **Int.Cl. H03M 13/27 (2006.01)**  
[25] EN  
[54] **TIME INTERLEAVER, TIME DEINTERLEAVER, TIME INTERLEAVING METHOD, AND TIME DEINTERLEAVING METHOD**  
[54] **ENTRELACEUR TEMPOREL, DESENTRELACEUR TEMPOREL, PROCEDE D'ENTRELACEMENT TEMPOREL ET PROCEDE DE DESENTRELACEMENT TEMPOREL**  
[72] KLENNER, PETER, DE  
[71] PANASONIC CORPORATION, JP  
[85] 2016-08-02  
[86] 2015-09-10 (PCT/JP2015/004609)  
[87] (WO2016/051687)  
[30] EP (14186891.9) 2014-09-29  
[30] JP (2015-171835) 2015-09-01

[21] **2,938,511**  
[13] A1

[51] **Int.Cl. G03G 9/13 (2006.01)**  
[25] EN  
[54] **LIQUID DEVELOPER**  
[54] **DEVELOPPATEUR LIQUIDE**  
[72] IWASE, KOJI, JP  
[72] OKAMOTO, KATSUTOSHI, JP  
[72] SHIBATA, HIDEO, JP  
[72] MAEDA, HIROHITO, JP  
[72] INOUE, TOMOAKI, JP  
[71] SAKATA INX CORPORATION, JP  
[85] 2016-08-02  
[86] 2015-02-04 (PCT/JP2015/053084)  
[87] (WO2015/119145)  
[30] JP (2014-019836) 2014-02-04

[21] **2,938,513**  
[13] A1

[51] **Int.Cl. G03G 9/12 (2006.01) G03G 9/13 (2006.01)**  
[25] EN  
[54] **LIQUID DEVELOPER**  
[54] **DEVELOPPATEUR LIQUIDE**  
[72] OKAMOTO, KATSUTOSHI, JP  
[72] MAEDA, HIROHITO, JP  
[72] INOUE, TOMOAKI, JP  
[72] WATANABE, YUYA, JP  
[71] SAKATA INX CORPORATION, JP  
[85] 2016-08-02  
[86] 2015-02-04 (PCT/JP2015/053085)  
[87] (WO2015/119146)  
[30] JP (2014-019837) 2014-02-04

[21] **2,938,516**  
[13] A1

[51] **Int.Cl. G03G 9/12 (2006.01) G03G 9/13 (2006.01)**  
[25] EN  
[54] **LIQUID DEVELOPER**  
[54] **DEVELOPPATEUR LIQUIDE**  
[72] OKAMOTO, KATSUTOSHI, JP  
[72] MAEDA, HIROHITO, JP  
[72] INOUE, TOMOAKI, JP  
[72] KAWABATA, JUN, JP  
[71] SAKATA INX CORPORATION, JP  
[85] 2016-08-02  
[86] 2015-02-04 (PCT/JP2015/053086)  
[87] (WO2015/119147)  
[30] JP (2014-019838) 2014-02-04

[21] **2,938,517**  
[13] A1

[51] **Int.Cl. G01V 7/16 (2006.01)**  
[25] EN  
[54] **GRAVITY GRADIOMETER SYSTEM WITH SPHERICAL AIR BEARING BASED PLATFORM**  
[54] **SYSTEME DE GRADIOMETRE DE GRAVITE A PLATE-FORME BASEE SUR PALIER A AIR SPHERIQUE**  
[72] MEYER, THOMAS J., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2016-07-06  
[86] 2015-01-06 (PCT/US2015/010318)  
[87] (WO2015/103608)  
[30] US (14/147,899) 2014-01-06

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[21] **2,938,518**  
[13] A1

[51] **Int.Cl. C09J 161/00 (2006.01) C09J 11/08 (2006.01)**

[25] EN

[54] **NANOCRYSTALLINE CELLULOSE DERIVED FORMALDEHYDE-BASED ADHESIVE, USES THEREOF AND PROCESS FOR PREPARING SAME**

[54] **ADHESIF A BASE DE FORMADEHYDE DERIVE DE CELLULOSE NANOCRISTALLINE, SES UTILISATIONS ET SON PROCEDE DE PREPARATION**

[72] FENG, MARTIN W., CA  
[72] WANG, XIANG-MING, CA  
[72] ZHANG, YAOLIN, CA  
[72] RAYMOND, STEPHAN, CA  
[72] BERRY, RICHARD, CA  
[71] CELLUFORCE INC., CA  
[85] 2016-08-02  
[86] 2015-02-04 (PCT/CA2015/050080)  
[87] (WO2015/117237)  
[30] US (61/937,802) 2014-02-10

[21] **2,938,520**  
[13] A1

[51] **Int.Cl. C07D 213/40 (2006.01) A61K 31/27 (2006.01) A61K 31/4406 (2006.01) A61K 31/4409 (2006.01) A61P 3/04 (2006.01) C07C 271/44 (2006.01)**

[25] EN

[54] **ABHD6 ANTAGONISTS FOR PROMOTING BROWNING OF WHITE ADIPOSE TISSUE AND BROWN ADIPOSE TISSUE FUNCTIONALITY**

[54] **ANTAGONISTES ABHD6 FAVORISANT LE BRUNISSEMENT DES TISSUS ADIPEUX BLANCS ET FONCTIONNALITE DES TISSUS ADIPEUX BRUNS**

[72] MADIRAJU, S.R. MURTHY, CA  
[72] PRENTKI, MARC, CA  
[72] JOLY, ERIK, CA  
[72] ZHAO, SHANGANG, CA  
[72] BROWN, MARK J., US  
[71] VAL-CHUM, LIMITED PARTNERSHIP, CA  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2016-08-02  
[86] 2015-02-27 (PCT/CA2015/050147)  
[87] (WO2015/127559)  
[30] US (61/946,293) 2014-02-28

[21] **2,938,521**  
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 4/02 (2006.01) E21B 44/06 (2006.01)**

[25] EN

[54] **CONTROLLING A BOTTOM-HOLE ASSEMBLY IN A WELLBORE**

[54] **COMMANDE D'UN ENSEMBLE FOND DE PUIITS DANS UN PUIITS DE FORAGE**

[72] DYKSTRA, JASON D., US  
[72] XUE, YUZHEN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-02  
[86] 2014-03-11 (PCT/US2014/023645)  
[87] (WO2015/137931)

[21] **2,938,524**  
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/48 (2006.01) G01V 1/50 (2006.01)**

[25] EN

[54] **VALIDATION OF DEPTH-DEPTH CURVES USING TIME-SEISMIC DEPTH INTERVAL VELOCITY**

[54] **VALIDATION DE COURBES DE PROFONDEUR-PROFONDEUR A L'AIDE DE LA VITESSE DE L'INTERVALLE DE PROFONDEUR SISMIQUE-TEMPS**

[72] NGUYEN, NAM XUAN, US  
[72] HEINRICHS, EUGENE CAREY, CA  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-08-02  
[86] 2014-03-11 (PCT/US2014/023716)  
[87] (WO2015/137932)

[21] **2,938,526**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) G01V 1/40 (2006.01)**

[25] EN

[54] **WELL TOOLS WITH VIBRATORY TELEMETRY TO OPTICAL LINE THEREIN**

[54] **OUTILS DE PUIITS AYANT UNE TELEMETRIE VIBRATOIRE VERS UNE LIGNE OPTIQUE A L'INTERIEUR DE CES DERNIERS**

[72] SAMSON, ETIENNE M., US  
[72] SKINNER, NEAL G., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-02  
[86] 2014-03-24 (PCT/US2014/031626)  
[87] (WO2015/147791)

[21] **2,938,527**  
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**

[25] EN

[54] **STEAM INJECTION TOOL**

[54] **OUTIL D'INJECTION DE VAPEUR**

[72] MCCHESENEY, RYAN WESLEY, US  
[72] WRIGHT, AUSTIN LEE, US  
[72] GRECI, STEPHEN MICHAEL, US  
[72] ARIAS, URIEL, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-02  
[86] 2014-05-30 (PCT/US2014/040126)  
[87] (WO2015/183292)

[21] **2,938,528**  
[13] A1

[51] **Int.Cl. G06Q 50/32 (2012.01)**

[25] EN

[54] **CAPTURING AND SENDING MULTIMEDIA AS ELECTRONIC MESSAGES**

[54] **CAPTURE ET ENVOI D'UN CONTENU MULTIMEDIA SOUS LA FORME DE MESSAGES ELECTRONIQUES**

[72] LANGHOLZ, BANJAMIN S., US  
[72] ZHANG, LUCY CONGYUN, US  
[71] FACEBOOK, INC., US  
[85] 2016-08-02  
[86] 2014-06-25 (PCT/US2014/044138)  
[87] (WO2015/167590)  
[30] US (61/985,456) 2014-04-28  
[30] US (14/314,623) 2014-06-25  
[30] EP (EP14173880.7) 2014-06-25

[21] **2,938,529**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**

[25] EN

[54] **COMPOSING MESSAGES WITHIN A COMMUNICATION THREAD**

[54] **COMPOSITION DE MESSAGES DANS UN FIL DE COMMUNICATION**

[72] LANGHOLZ, BENJAMIN S., US  
[71] FACEBOOK, INC., US  
[85] 2016-08-02  
[86] 2014-06-23 (PCT/US2014/043703)  
[87] (WO2015/167589)  
[30] US (61/985,456) 2014-04-28  
[30] US (14/311,758) 2014-06-23  
[30] EP (EP14173537.3) 2014-06-23

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[21] **2,938,531**  
[13] A1

[51] **Int.Cl. A61H 1/02 (2006.01)**  
[25] EN  
[54] **MULTI-MODAL GAIT-BASED  
NON-INVASIVE THERAPY  
PLATFORM**  
[54] **PLATE-FORME DE THERAPIE  
NON-INVASIVE BASEE SUR UNE  
DEMARCHE MULTIMODALE**  
[72] THOLKES, ALAN, US  
[72] DANDURAND, DUWAYNE, US  
[71] ALT INNOVATIONS LLC, US  
[85] 2016-08-02  
[86] 2014-10-31 (PCT/US2014/063487)  
[87] (WO2015/088668)  
[30] US (61/915,834) 2013-12-13  
[30] US (14/529,568) 2014-10-31

[21] **2,938,532**  
[13] A1

[51] **Int.Cl. C05C 9/00 (2006.01) A01N  
25/00 (2006.01) C05C 3/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR TREATING  
SOLID FERTILIZER**  
[54] **PROCEDES PERMETTANT LE  
TRAITEMENT D'ENGRAIS  
SOLIDE**  
[72] HAYES, PAUL, US  
[71] AGXPLORE INTERNATIONAL, US  
[85] 2016-08-02  
[86] 2014-11-14 (PCT/US2014/065731)  
[87] (WO2015/116301)  
[30] US (61/935,299) 2014-02-03

[21] **2,938,534**  
[13] A1

[51] **Int.Cl. B63H 23/24 (2006.01) B63G  
8/08 (2006.01) B63H 21/17 (2006.01)  
H02K 5/00 (2006.01) H02K 7/14  
(2006.01) H02K 51/00 (2006.01)**  
[25] EN  
[54] **A MAGNETICALLY GEARED  
ELECTRIC DRIVE**  
[54] **ENTRAINEMENT ELECTRIQUE A  
ENGRENAGE MAGNETIQUE**  
[72] CLAUS, BRIAN, CA  
[72] BACHMAYER, RALF, CA  
[72] MACNEIL, LEVI, CA  
[71] MEMORIAL UNIVERSITY OF  
NEWFOUNDLAND, CA  
[85] 2016-08-02  
[86] 2015-02-06 (PCT/CA2015/000070)  
[87] (WO2015/117231)  
[30] US (61/936,656) 2014-02-06

[21] **2,938,540**  
[13] A1

[51] **Int.Cl. B25H 3/02 (2006.01)**  
[25] EN  
[54] **STORAGE DEVICE FOR TOOLS  
DISPOSITIF DE RANGEMENT  
POUR OUTILS**  
[72] ABEL, MICHAEL, DE  
[72] SCHARDT, DIRK, DE  
[72] STRAUCH, MARTIN, DE  
[71] WERA - WERK HERMANN  
WERNER GMBH & CO. KG, DE  
[85] 2016-08-02  
[86] 2014-12-19 (PCT/EP2014/078657)  
[87] (WO2015/104167)  
[30] DE (10 2014 100 232.6) 2014-01-10

[21] **2,938,543**  
[13] A1

[51] **Int.Cl. A63C 5/075 (2006.01)**  
[25] EN  
[54] **SPORTING DEVICE  
APPAREIL DE SPORT**  
[72] LINZMEIER, HORST, DE  
[71] LINZMEIER, HORST, DE  
[85] 2016-08-02  
[86] 2015-02-05 (PCT/EP2015/000229)  
[87] (WO2015/117756)  
[30] DE (10 2014 001 548.3) 2014-02-08  
[30] DE (20 2014 003 170.3) 2014-04-12

[21] **2,938,548**  
[13] A1

[51] **Int.Cl. A47L 1/06 (2006.01)**  
[25] EN  
[54] **WINDOW WIPER  
LAVE-VITRES**  
[72] DIETZ, MARKUS, DE  
[72] GIBIS, KARL-LUDWIG, DE  
[72] JURGENS, RALF, DE  
[71] CARL FREUDENBERG KG, DE  
[85] 2016-08-02  
[86] 2015-01-27 (PCT/EP2015/051562)  
[87] (WO2015/113952)  
[30] DE (10 2014 001 250.6) 2014-02-03

[21] **2,938,552**  
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K  
9/14 (2006.01)**  
[25] EN  
[54] **NANOSUSPENSION OF NATURAL  
MATERIALS AND PREPARATION  
METHOD THEREOF**  
[54] **NANOSUSPENSION DE  
MATERIAUX NATURELS ET  
PROCEDE DE PREPARATION  
ASSOCIE**  
[72] BRAND, WERNER, DE  
[71] APURANO PHARMACEUTICALS  
GMBH, DE  
[85] 2016-08-02  
[86] 2015-02-03 (PCT/EP2015/052202)  
[87] (WO2015/114164)  
[30] EP (14153705.0) 2014-02-03  
[30] EP (PCT/EP2014/064449) 2014-07-07

[21] **2,938,563**  
[13] A1

[51] **Int.Cl. C05G 3/08 (2006.01) C07F 9/22  
(2006.01)**  
[25] EN  
[54] **UREASE INHIBITOR  
FORMULATIONS**  
[54] **FORMULATIONS D'INHIBITEURS  
D'UREASES**  
[72] HAYES, PAUL, US  
[71] AGXPLORE INTERNATIONAL, US  
[85] 2016-08-02  
[86] 2015-01-29 (PCT/US2015/013571)  
[87] (WO2015/116842)  
[30] US (61/934,984) 2014-02-03

[21] **2,938,565**  
[13] A1

[51] **Int.Cl. G05B 19/05 (2006.01) B61L  
27/00 (2006.01) B61L 29/30 (2006.01)**  
[25] EN  
[54] **REAL-TIME GRAPHICAL  
DISPLAY OF LADDER LOGIC  
FOR RAILROAD EQUIPMENT**  
[54] **AFFICHAGE GRAPHIQUE EN  
TEMPS REEL DE LANGAGE  
LADDER POUR UN EQUIPEMENT  
DE CHEMIN DE FER**  
[72] BAMFIELD, RICHARD, NZ  
[72] MOORHOUSE, ADAM, US  
[71] SIEMENS INDUSTRY, INC., US  
[85] 2016-08-02  
[86] 2015-02-03 (PCT/US2015/014243)  
[87] (WO2015/119942)  
[30] US (14/171,864) 2014-02-04



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[21] **2,938,566**  
[13] A1

[51] **Int.Cl. A61K 31/4245 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION OF A PD-1 ANTAGONIST AND AN IDO1 INHIBITOR FOR TREATING CANCER**

[54] **COMBINAISON D'UN ANTAGONISTE DE PD-1 ET D'UN INHIBITEUR DE IDO1 POUR TRAITER LE CANCER**

[72] LEOPOLD, LANCE, US  
[72] KAUFMAN, DAVID, US  
[71] INCYTE CORPORATION, US  
[71] MERCK SHARP & DOHME CORP., US

[85] 2016-08-02  
[86] 2015-02-03 (PCT/US2015/014247)  
[87] (WO2015/119944)  
[30] US (61/935,714) 2014-02-04

[21] **2,938,568**  
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/30 (2006.01)**

[25] EN

[54] **SUPPORT BRACE**

[54] **APPAREIL ORTHOPEDIQUE DE RENFORT**

[72] GOMEZ, NICHOLAS, US  
[72] KOVACEVICH, IAN, US  
[72] GILDERSLEEVE, RICHARD, US  
[72] MARTIN, JOHN PATRICK, US  
[72] ORR, DAVID, US  
[71] DJO, LLC, US

[85] 2016-08-02  
[86] 2015-02-03 (PCT/US2015/014256)  
[87] (WO2015/117132)  
[30] US (61/935,296) 2014-02-03

[21] **2,938,569**  
[13] A1

[51] **Int.Cl. A61F 5/44 (2006.01)**

[25] EN

[54] **INFLATIONLESS RETENTION CUFF FOR FLUID COLLECTION DEVICES**

[54] **MANCHON DE RETENUE SANS GONFLAGE POUR DISPOSITIFS DE COLLECTE DE FLUIDE**

[72] CISKO, GEORGE, US  
[72] GILMAN, THOMAS, US  
[72] HERMANN, MARK, US  
[72] VISCONTI, PETER, US  
[72] MEADE, NOAH, US  
[71] HOLLISTER INCORPORATED, US

[85] 2016-08-02  
[86] 2015-02-03 (PCT/US2015/014290)  
[87] (WO2015/117141)  
[30] US (61/935,083) 2014-02-03

[21] **2,938,571**  
[13] A1

[51] **Int.Cl. A61K 31/197 (2006.01) A61K 31/662 (2006.01) A61P 35/00 (2006.01) C07C 229/22 (2006.01) C07C 229/34 (2006.01) C07C 237/10 (2006.01) C07C 237/30 (2006.01) C07C 239/20 (2006.01) C07C 271/46 (2006.01) C07C 309/66 (2006.01) C07F 9/48 (2006.01)**

[25] EN

[54] **BETA-SUBSTITUTED BETA-AMINO ACIDS AND ANALOGS AS CHEMOTHERAPEUTIC AGENTS**

[54] **ACIDES BETA-AMINES SUBSTITUES EN BETA ET ANALOGUES EN TANT QU'AGENTS DE CHIMIOOTHERAPIE**

[72] JANDELEIT, BERND, US  
[72] FISCHER, WOLF-NICOLAS, US  
[72] KOLLER, KERRY J., US  
[71] QUADRIGA BIOSCIENCES, INC., US

[85] 2016-08-02  
[86] 2015-02-03 (PCT/US2015/014303)  
[87] (WO2015/117147)  
[30] US (61/935,246) 2014-02-03

[21] **2,938,574**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SMALL MOLECULE DRUG CONJUGATES**

[54] **CONJUGUES DE MEDICAMENTS A PETITES MOLECULES**

[72] KRALL, NIKOLAUS, AT  
[72] DECURTINS, WILLY, CH  
[72] NERI, DARIO, CH  
[72] SCHEUERMANN, JORG, CH  
[72] WICHERT, MORENO, CH  
[71] EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH, CH

[85] 2016-08-02  
[86] 2015-02-03 (PCT/EP2015/052214)  
[87] (WO2015/114171)  
[30] GB (1401819.6) 2014-02-03  
[30] GB (1407530.3) 2014-04-29  
[30] GB (1419994.7) 2014-11-10

[21] **2,938,578**  
[13] A1

[51] **Int.Cl. C08F 265/04 (2006.01) C08F 251/02 (2006.01) C09D 125/06 (2006.01) C09D 151/00 (2006.01)**

[25] EN

[54] **ACRYLIC AQUEOUS DISPERSIONS FOR CONTAINER COATINGS**

[54] **DISPERSIONS ACRYLIQUES AQUEUSES POUR REVETEMENT DE CONTENANTS**

[72] BAO, HANZHEN, US  
[72] MOUSSA, YOUSSEF, US  
[71] PPG INDUSTRIES OHIO, INC., US

[85] 2016-08-02  
[86] 2015-02-04 (PCT/US2015/014390)  
[87] (WO2015/120005)  
[30] US (14/171,799) 2014-02-04

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[21] **2,938,580**  
[13] A1

[51] **Int.Cl. G06F 9/06 (2006.01) G06F 15/18 (2006.01)**  
[25] EN  
[54] **APPLICATION EXECUTION CONTROL UTILIZING ENSEMBLE MACHINE LEARNING FOR DISCERNMENT**  
[54] **COMMANDE D'EXECUTION D'APPLICATIONS EMPLOYANT UN APPRENTISSAGE AUTOMATIQUE D'ENSEMBLE POUR LE DISCERNEMENT**  
[72] PERMEH, RYAN, US  
[72] SOEDER, DEREK A., US  
[72] CHISHOLM, GLENN, US  
[72] RUSSELL, BRADEN, US  
[72] GOLOMB, GARY, US  
[72] WOLFF, MATTHEW, US  
[72] MCCLURE, STUART, US  
[71] CYLANCE INC., US  
[85] 2016-08-02  
[86] 2015-02-06 (PCT/US2015/014769)  
[87] (WO2015/120243)  
[30] US (61/937,379) 2014-02-07

[21] **2,938,581**  
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4745 (2006.01) A61K 31/519 (2006.01) A61K 31/551 (2006.01) A61P 25/18 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING AN ANTIPSYCHOTIC DRUG AND A VMAT2 INHIBITOR AND USES THEREOF**  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN MEDICAMENT ANTIPSYCHOTIQUE ET UN INHIBITEUR DE VMAT2 ET UTILISATIONS DE CELLES-CI**  
[72] HOARE, SAMUEL ROGER JESSE, US  
[71] NEUROCRINE BIOSCIENCES, INC., US  
[85] 2016-08-02  
[86] 2015-02-06 (PCT/US2015/014893)  
[87] (WO2015/120317)  
[30] US (61/937,223) 2014-02-07

[21] **2,938,585**  
[13] A1

[51] **Int.Cl. A45D 1/06 (2006.01) A45D 1/12 (2006.01) A45D 1/18 (2006.01)**  
[25] EN  
[54] **HAIR STYLING DEVICE**  
[54] **DISPOSITIF DE COIFFURE**  
[72] DEBENEDICTIS, ALFREDO, GB  
[72] HARRIS, MARTIN MALCOLM, GB  
[72] HOLLAND, JANUSZ LUCIEN, GB  
[72] HUGHES, MARK CHRISTOPHER, GB  
[71] HD3 LIMITED, GB  
[85] 2016-08-02  
[86] 2014-02-03 (PCT/GB2014/050296)  
[87] (WO2014/122442)  
[30] GB (1302043.3) 2013-02-05

[21] **2,938,588**  
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01)**  
[25] EN  
[54] **SYSTEM FOR CONNECTING TO WIRELESS LOCAL AREA NETWORKS WHILE IN MOTION TO SEND AND RECEIVE GPS DATA AND OTHER INFORMATION TO A WEB PORTAL OR SOFTWARE APPLICATION**  
[54] **SYSTEME POUR SE CONNECTER A DES RESEAUX LOCAUX SANS FIL TOUT EN ETANT EN MOUVEMENT POUR ENVOYER ET RECEVOIR DES DONNEES GPS ET D'AUTRES INFORMATIONS A UN PORTAIL WEB OU A UNE APPLICATION LOGICIELLE**  
[72] NICOSIA, VINCENT D., US  
[71] MAGICCPS, LLC, US  
[85] 2016-08-02  
[86] 2014-04-21 (PCT/US2014/034764)  
[87] (WO2015/147892)  
[30] US (14/226,317) 2014-03-26

[21] **2,938,590**  
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/00 (2006.01) A61K 39/42 (2006.01)**  
[25] EN  
[54] **ANTIBODY MOLEULES TO DENGUE VIRUS AND USES THEREOF**  
[54] **MOLECULES D'ANTICORPS SE LIANT AU VIRUS DE LA DENGUE ET LEURS UTILISATIONS**  
[72] ROBINSON, LUKE, US  
[72] SHRIVER, ZACHARY, US  
[72] MYETTE, JAMES, US  
[72] BABCOCK, GREGORY, US  
[72] VISWANATHAN, KARTHIK, US  
[71] VISTERRA, INC., US  
[85] 2016-08-02  
[86] 2015-01-20 (PCT/US2015/011965)  
[87] (WO2015/122995)  
[30] US (61/938,646) 2014-02-11  
[30] US (62/017,970) 2014-06-27  
[30] US (62/046,379) 2014-09-05

[21] **2,938,598**  
[13] A1

[51] **Int.Cl. C07C 69/738 (2006.01) C08G 65/331 (2006.01) C08G 65/332 (2006.01) C08L 71/00 (2006.01) C10M 115/04 (2006.01) C10M 119/18 (2006.01) C11C 3/00 (2006.01)**  
[25] EN  
[54] **HIGH PERFORMANCE, WATER-DILUTABLE LUBRICITY ADDITIVE FOR MULTI-METAL METALWORKING APPLICATIONS**  
[54] **ADDITIF D'AUGMENTATION DU POUVOIR LUBRIFIANT, DE PERFORMANCE ELEVEE, POUVANT ETRE DILUE DANS L'EAU POUR DES APPLICATIONS DE TRAVAIL DES METAUX DESTINEES A DE MULTIPLE METAUX**  
[72] BINGEMAN, RON, US  
[72] PALMER, CHARLES FRANCIS, JR., US  
[72] TANNER, JAMES T., US  
[72] WICKER, CALVIN M., JR., US  
[71] ETHOX CHEMICALS, LLC, US  
[85] 2016-08-02  
[86] 2015-02-09 (PCT/US2015/015077)  
[87] (WO2015/120418)  
[30] US (61/937,490) 2014-02-08  
[30] US (14/617,917) 2015-02-09

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[21] **2,938,600**  
[13] A1

[51] **Int.Cl. A61L 29/06 (2006.01) A61L 29/14 (2006.01) A61L 29/16 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL INSERTS FOR MEDICAL DEVICES**

[54] **INSERTS ANTIMICROBIENS POUR DISPOSITIFS MEDICAUX**

[72] SHEVGOOR, SIDDARTH, US

[72] BURKHOLZ, JONATHAN KARL, US

[72] LIU, HUIBIN, US

[72] MA, YIPING, US

[72] ZHOU, MING, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2016-08-02

[86] 2015-02-11 (PCT/US2015/015478)

[87] (WO2015/126699)

[30] US (14/185,831) 2014-02-20

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[21] **2,938,604**  
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 39/16 (2006.01) A61M 39/20 (2006.01)**

[25] EN

[54] **IV ACCESS PORT CAP FOR PROVIDING ANTIMICROBIAL PROTECTION**

[54] **BOUCHON D'ORIFICE D'ACCES INTRAVEINEUX FORMANT UNE PROTECTION ANTIMICROBIENNE**

[72] MA, YIPING, US

[72] SHEVGOOR, SIDDARTH, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2016-08-02

[86] 2015-02-11 (PCT/US2015/015482)

[87] (WO2015/126701)

[30] US (14/185,827) 2014-02-20

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[21] **2,938,607**  
[13] A1

[51] **Int.Cl. G01V 3/20 (2006.01) E21B 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MAPPING DEEP ANOMALOUS ZONES OF ELECTRICAL RESISTIVITY**

[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE DE ZONES DE RESISTIVITE ELECTRIQUE ANORMALES PROFONDES**

[72] MORRISON, H. FRANK, US

[71] GROUNDMETRICS, INC., US

[85] 2016-08-02

[86] 2015-02-13 (PCT/US2015/015805)

[87] (WO2015/123515)

[30] US (61/965,985) 2014-02-13

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[21] **2,938,602**  
[13] A1

[51] **Int.Cl. A61F 13/40 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROVIDING AN ANTIMICROBIAL DISPENSING APPLICATOR**

[54] **SYSTEMES ET PROCEDES DE REALISATION D'UN APPLICATEUR ANTISEPTIQUE**

[72] HOANG, MINH QUANG, US

[72] LIU, HUIBIN, US

[72] BURKHOLZ, JONATHAN KARL, US

[72] DAVIS, BRYAN G., US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2016-08-02

[86] 2015-02-11 (PCT/US2015/015480)

[87] (WO2015/126700)

[30] US (14/185,820) 2014-02-20

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[21] **2,938,606**  
[13] A1

[51] **Int.Cl. C01B 33/12 (2006.01) C01B 33/193 (2006.01) C04B 14/04 (2006.01) C08K 3/36 (2006.01) C09C 1/28 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF PRECIPITATED SILICAS, PRECIPITATED SILICAS AND THEIR USES, IN PARTICULAR FOR THE REINFORCEMENT OF POLYMERS**

[54] **PROCEDE POUR LA PREPARATION DE SILICES PRECIPITEES, SILICES PRECIPITEES ET LEURS UTILISATIONS, EN PARTICULIER POUR LE RENFORCEMENT DE POLYMERES**

[72] BOIVIN, CEDRIC, FR

[72] GUY, LAURENT, FR

[72] PERIN, ERIC, FR

[72] LAMIRI, KILANI, FR

[71] RHODIA OPERATIONS, FR

[85] 2016-08-02

[86] 2015-02-12 (PCT/EP2015/052911)

[87] (WO2015/121326)

[30] EP (14305196.9) 2014-02-14

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[21] **2,938,609**  
[13] A1

[51] **Int.Cl. B60G 17/0195 (2006.01) B60T 13/66 (2006.01) B60T 17/18 (2006.01) B62D 61/12 (2006.01)**

[25] EN

[54] **PARKING BRAKE INTERLOCK FOR AUTOMATIC LIFT AXLE**

[54] **VERROUILLAGE MUTUEL DE FREIN DE STATIONNEMENT POUR ESSIEU A SOULEVEMENT AUTOMATIQUE**

[72] LINDSAY, SEAN, US

[71] HENDRICKSON USA, L.L.C., US

[85] 2016-08-02

[86] 2015-02-24 (PCT/US2015/017214)

[87] (WO2015/134231)

[30] US (61/947,561) 2014-03-04

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[21] **2,938,615**  
[13] A1

[51] **Int.Cl. B29C 44/12 (2006.01) B32B 5/20 (2006.01)**

[25] EN

[54] **INSULATING ASSEMBLY FOR A STORAGE VESSEL AND PROCESS FOR ITS PREPARATION**

[54] **ENSEMBLE ISOLANT POUR UNE CUVE DE STOCKAGE ET PROCEDE POUR SA PREPARATION**

[72] MOHMEYER, NILS, DE

[72] ELBING, MARK, DE

[72] FRICKE, BERND, DE

[71] BASF SE, DE

[85] 2016-08-03

[86] 2015-01-15 (PCT/EP2015/050651)

[87] (WO2015/117801)

[30] EP (14154123.5) 2014-02-06

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[21] **2,938,616**  
[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **AMINOTHIAZINE COMPOUNDS COMPOSES D'AMINOTHIAZINE**

[72] MARTIN, FIONNA MITCHELL, US

[71] ELI LILLY AND COMPANY, US

[85] 2016-08-02

[86] 2015-03-05 (PCT/US2015/018909)

[87] (WO2015/138208)

[30] US (61/953,206) 2014-03-14

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[21] **2,938,617**  
[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01)**

[25] EN

[54] **SCHEDULING REQUEST PROCEDURE FOR D2D COMMUNICATION**

[54] **PROCEDURE DE REQUETE DE PROGRAMMATION POUR LA COMMUNICATION EN D2D**

[72] LOEHR, JOACHIM, DE

[72] BASU MALLICK, PRATEEK, DE

[71] SUN PATENT TRUST, US

[85] 2016-08-03

[86] 2015-01-22 (PCT/EP2015/051231)

[87] (WO2015/139862)

[30] EP (14001053.9) 2014-03-21

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[21] **2,938,618**  
[13] A1

[51] **Int.Cl. H04W 52/34 (2009.01) H04W 72/12 (2009.01) H04B 7/26 (2006.01)**

[25] EN

[54] **UPLINK CHANNEL TRANSMISSION IN DUAL CONNECTIVITY**

[54] **TRANSMISSION DE CANAL DE LIAISON MONTANTE DANS UNE DOUBLE CONNECTIVITE**

[72] HAN, SEUNGHEE, US

[72] HEO, YOUNG HYOUNG YOUN, KR

[72] ZHANG, YUJIAN, CN

[72] HE, HONG, CN

[71] INTEL CORPORATION, US

[85] 2016-08-02

[86] 2015-03-16 (PCT/US2015/020735)

[87] (WO2015/139032)

[30] US (61/953,637) 2014-03-14

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[21] **2,938,619**  
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING VARIABLES OF A PRODUCTION DATA CAPTURE PROCESS OR MACHINE DATA CAPTURE PROCESS**

[54] **PROCEDE DE DETERMINATION DE DIMENSIONS D'UNE COLLECTE DE DONNEES DE FONCTIONNEMENT OU DE MACHINE**

[72] EDER, FRANZ, AT

[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT

[85] 2016-08-03

[86] 2015-01-26 (PCT/EP2015/051451)

[87] (WO2015/117848)

[30] AT (A50080/2014) 2014-02-04

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[21] **2,938,622**  
[13] A1

[51] **Int.Cl. G01F 23/284 (2006.01) G01S 13/88 (2006.01)**

[25] EN

[54] **DETERMINING THE TOPOLOGY OF A FILLING MATERIAL SURFACE**

[54] **DETERMINATION DE LA TOPOLOGIE D'UNE SURFACE DE MATIERE DE REMPLISSAGE**

[72] WELLE, ROLAND, DE

[72] DIETERLE, LEVIN, DE

[71] VEGA GRIESHABER KG, DE

[85] 2016-07-28

[86] 2014-02-11 (PCT/EP2014/052641)

[87] (WO2015/120883)

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[21] **2,938,620**  
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **METHOD FOR PLANT IMPROVEMENT**

[54] **PROCEDE D'AMELIORATION DE PLANTES**

[72] PEREZ, PASCUAL, FR

[72] PAUL, WYATT, FR

[72] HUEROS SOTO, GREGORIO, ES

[71] BIOGEMMA, FR

[71] UNIVERSIDAD DE ALCALA, ES

[85] 2016-08-03

[86] 2015-02-03 (PCT/EP2015/052218)

[87] (WO2015/117966)

[30] EP (14305150.6) 2014-02-04

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[21] **2,938,621**  
[13] A1

[51] **Int.Cl. A61K 31/353 (2006.01) A61K 31/05 (2006.01)**

[25] EN

[54] **TRANSDERMAL CANNABINOID FORMULATIONS**

[54] **FORMULATIONS DE CANNABINOIDES TRANSDERMIQUES**

[72] SMITH, NICOLE, US

[72] PALMER, NOEL ERWIN, US

[71] MARY'S MEDICINALS LLC, US

[85] 2016-08-02

[86] 2015-12-04 (PCT/US2015/064064)

[87] (WO2016/090287)

[30] US (14/561,091) 2014-12-04

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[21] **2,938,622**  
[13] A1

[51] **Int.Cl. G01F 23/284 (2006.01) G01S 13/88 (2006.01)**

[25] EN

[54] **DETERMINING THE TOPOLOGY OF A FILLING MATERIAL SURFACE**

[54] **DETERMINATION DE LA TOPOLOGIE D'UNE SURFACE DE MATIERE DE REMPLISSAGE**

[72] WELLE, ROLAND, DE

[72] DIETERLE, LEVIN, DE

[71] VEGA GRIESHABER KG, DE

[85] 2016-07-28

[86] 2014-02-11 (PCT/EP2014/052641)

[87] (WO2015/120883)

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[21] **2,938,623**  
[13] A1

[51] **Int.Cl. H01M 10/0565 (2010.01) H01M 6/22 (2006.01) H01M 8/18 (2006.01)**

[25] EN

[54] **GELATED IONIC LIQUID FILM-COATED SURFACES AND USES THEREOF**

[54] **SURFACES RECOUVERTES D'UN FILM LIQUIDE IONIQUE GELIFIE ET LEURS UTILISATIONS**

[72] MASCHMEYER, THOMAS, AU

[72] EASTON, MAX, AU

[72] WARD, ANTONY, AU

[71] GELION TECHNOLOGIES PTY LTD, AU

[85] 2016-08-03

[86] 2015-02-06 (PCT/AU2015/000062)

[87] (WO2015/117189)

[30] AU (2014900359) 2014-02-06

[30] AU (2014905263) 2014-12-24

[21] **2,938,624**  
[13] A1

[51] **Int.Cl. F22B 37/00 (2006.01) F24D 1/02 (2006.01) F24H 1/08 (2006.01) F24H 1/12 (2006.01)**

[25] EN

[54] **STEAM GENERATOR**

[54] **GENERATEUR DE VAPEUR**

[72] BARENDREGT, JEREMY, CA

[71] CERTEK HEAT MACHINE INC., CA

[85] 2016-08-03

[86] 2015-02-06 (PCT/IB2015/000951)

[87] (WO2015/128742)

[30] US (14/174,410) 2014-02-06

[21] **2,938,625**  
[13] A1

[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/44 (2006.01)**

[25] EN

[54] **SETTABLE COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITIONS DURCISSABLES ET LEURS UTILISATIONS**

[72] MILLER, MATTHEW LYNN, US

[72] WHITFILL, DONALD L., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-03

[86] 2014-02-26 (PCT/US2014/018742)

[87] (WO2015/130278)

[21] **2,938,626**  
[13] A1

[51] **Int.Cl. A61K 31/336 (2006.01) A61K 31/506 (2006.01)**

[25] EN

[54] **COMPOSITIONS TO IMPROVE THE THERAPEUTIC BENEFIT OF BISANTRENE**

[54] **COMPOSITIONS PERMETTANT D'AMELIORER L'AVANTAGE THERAPEUTIQUE DU BISANTRENE**

[72] ROTHMAN, JOHN, US

[72] GARNER, WILLIAM J., US

[72] FRANKLIN, AMIE, US

[71] ROTHMAN, JOHN, US

[71] UPDATE PHARMA INC., US

[71] GARNER, WILLIAM J., US

[71] FRANKLIN, AMIE, US

[85] 2016-04-22

[86] 2014-07-25 (PCT/US2014/048135)

[87] (WO2015/013579)

[30] US (61/858,729) 2013-07-26

[21] **2,938,628**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/60 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR HYDROPHOBICALLY MODIFYING FRACTURE FACES**

[54] **COMPOSITIONS ET PROCEDES DE MODIFICATION HYDROPHOBE DE FACES DE FRACTURE**

[72] LIANG, FENG, US

[72] NGUYEN, PHILIP D., US

[72] STANCIU, CORNELIU, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-03

[86] 2014-04-03 (PCT/US2014/032744)

[87] (WO2015/152919)

[21] **2,938,629**  
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR PROVIDING DIAGNOSIS OR PROGNOSIS OF PARKINSON'S DISEASE USING BODY-FIXED SENSORS**

[54] **PROCEDES ET SYSTEMES DE DIAGNOSTIC OU DE PRONOSTIC DE LA MALADIE DE PARKINSON A L'AIDE DE CAPTEURS FIXES AU CORPS**

[72] MIRELMAN, ANAT, IL

[72] GILADI, NIR, IL

[72] HAUSDORFF, JEFFREY M., IL

[71] THE MEDICAL RESEARCH, INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE TEL AVIV MEDICAL CENTER, IL

[85] 2016-08-03

[86] 2015-02-04 (PCT/IL2015/050129)

[87] (WO2015/118534)

[30] US (61/935,374) 2014-02-04

[21] **2,938,630**  
[13] A1

[51] **Int.Cl. B29C 49/06 (2006.01) B29C 49/12 (2006.01) B29C 49/18 (2006.01) B29C 49/48 (2006.01) B29C 49/54 (2006.01) B29C 49/64 (2006.01)**

[25] EN

[54] **SYSTEM AND PROCESS FOR DOUBLE-BLOW MOLDING A HEAT RESISTANT AND BIAXIALLY STRETCHED PLASTIC CONTAINER**

[54] **SYSTEME ET PROCEDE DE MOULAGE PAR SOUFFLAGE DOUBLE D'UN RECIPIENT EN PLASTIQUE ETIRE DE FACON BI-AXIALE ET RESISTANT A LA CHALEUR**

[72] VAN DIJCK, SAM, BE

[72] DESSAINT, ALAIN, BE

[72] DECKERS, JAN, BE

[71] PLASTIPAK BAWT S.A R.L., BE

[85] 2016-08-03

[86] 2015-02-02 (PCT/EP2015/052083)

[87] (WO2015/117922)

[30] EP (14154289.4) 2014-02-07

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[21] **2,938,632**  
[13] A1

[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/12 (2012.01) G01V 8/16 (2006.01)**  
[25] EN  
[54] **MOUNTED DOWNHOLE FIBER OPTICS ACCESSORY CARRIER BODY**  
[54] **CORPS PORTEUR D'ACCESSOIRES A FIBRES OPTIQUES POUR TROU VERS LE BAS MONTE**  
[72] OLIN, GREGORY K., US  
[72] POLLARD, MICHAEL EDWIN, US  
[72] PARK, BRIAN VANDELLYN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-03  
[86] 2014-04-25 (PCT/US2014/035425)  
[87] (WO2015/163909)

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[21] **2,938,633**  
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**  
[25] EN  
[54] **OPTICAL FIBER SPLICE HOUSINGS**  
[54] **BOITIERS D'EPISSURES DE FIBRES OPTIQUES**  
[72] PARK, BRIAN VANDELLYN, US  
[72] POLLARD, MICHAEL EDWIN, US  
[72] THERRIEN, JASON EDWARD, US  
[72] JAASKELAINEN, MIKKO, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-03  
[86] 2014-04-25 (PCT/US2014/035438)  
[87] (WO2015/163912)

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[21] **2,938,634**  
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 50/34 (2012.01)**  
[25] EN  
[54] **SPORTS-BASED FINANCIAL INSTRUMENT DEVELOPMENT AND TRADING SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE DEVELOPPEMENT ET DE NEGOCE D'INSTRUMENTS FINANCIERS BASES SUR LE SPORT**  
[72] RABALAIS, CHRISTOPHER PAUL, US  
[72] OZGIT, EMIN ALPER, US  
[72] BROWN, NEIL, US  
[72] SETHNESS, RALPH EDWARD, IV, US  
[72] TANNIS, ERNEST ALLAN, US  
[72] UNDERHILL, ACE B., US  
[72] BLEIER, PAUL MATHEW, CA  
[72] HENRY, JASON BERYL EDWARD, CA  
[71] CRYSTAL WORLD HOLDINGS, INC., US  
[85] 2016-08-03  
[86] 2014-05-30 (PCT/US2014/040400)  
[87] (WO2015/119650)  
[30] US (61/937,534) 2014-02-08

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[21] **2,938,635**  
[13] A1

[51] **Int.Cl. A61B 17/82 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01) A61L 31/02 (2006.01) A61L 31/04 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61F 5/01 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR CORRECTING A ROTATIONAL BONE DEFORMITY**  
[54] **SYSTEMES ET PROCEDES POUR LA CORRECTION D'UNE DIFFORMITE OSSEUSE ROTATIONNELLE**  
[72] PALEY, DROR, US  
[72] DUJOVNE, ARIEL RICARDO, CA  
[72] RAYES, FADY, CA  
[71] PEGA MEDICAL, INC., CA  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/CA2015/050083)  
[87] (WO2015/117239)  
[30] US (14/172,598) 2014-02-04

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[21] **2,938,636**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/247 (2006.01)**  
[25] EN  
[54] **MULTIPLE WELL ELEVATED TEMPERATURE COLUMN FLOW TESTING**  
[54] **ESSAI D'ECOULEMENT DE COLONNE A TEMPERATURE ELEVEE A MULTIPLES PUIITS**  
[72] BURKS, JODY M., US  
[72] RADHAKRISHNAN POTTY, AJISH SREENI, US  
[72] LU, ZHENG, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-03  
[86] 2014-08-20 (PCT/US2014/051893)  
[87] (WO2015/147904)  
[30] US (PCT/US2014/032262) 2014-03-28

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[21] **2,938,638**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **INTERACTIVE CASE MANAGEMENT SYSTEM**  
[54] **SYSTEME INTERACTIF DE GESTION DE CAS**  
[72] GABRIEL, JOHN THOMAS, US  
[72] ANAND, BAROON, IN  
[72] DEPPE, CHRISTOPHER DAVID, US  
[72] SEYMOUR, THOMAS P., US  
[72] HERRERA, GERARDO, US  
[72] UPADHYAY, ASHISH, US  
[72] REEVES, RYAN, US  
[71] UNITEDLEX CORP., US  
[85] 2016-08-03  
[86] 2014-09-09 (PCT/US2014/054657)  
[87] (WO2015/035351)  
[30] US (61/875,474) 2013-09-09

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[21] **2,938,639**  
[13] A1

[51] **Int.Cl. A61F 7/12 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **HEAT EXCHANGE SYSTEM FOR PATIENT TEMPERATURE CONTROL WITH MULTIPLE COOLANT CHAMBERS FOR MULTIPLE HEAT EXCHANGE MODALITIES**

[54] **SYSTEME D'ECHANGE DE CHALEUR AYANT DE MULTIPLES CHAMBRES DE LIQUIDE FRIGORIGENE POUR DE MULTIPLES MODALITES D'ECHANGE DE CHALEUR POUR REGULER LA TEMPERATURE DE PATIENT**

[72] DABROWIAK, JEREMY THOMAS, US

[71] ZOLL CIRCULATION, INC., US

[85] 2016-08-03

[86] 2014-10-03 (PCT/US2014/059020)

[87] (WO2015/119670)

[30] US (14/175,545) 2014-02-07

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[21] **2,938,641**  
[13] A1

[51] **Int.Cl. C21B 11/08 (2006.01) C21B 13/10 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FLUIDIZED REDUCTION OF IRON ORE POWDER**

[54] **SYSTEME ET PROCEDE POUR LA REDUCTION DE POUDRE DE MINERAI DE FER EN LIT FLUIDISE**

[72] ZHU, QINGSHAN, CN

[72] FAN, CHUANLIN, CN

[72] LI, HONGZHONG, CN

[72] XIE, ZHAOHUI, CN

[72] MU, WENHENG, CN

[72] WANG, CUNHU, CN

[72] JIAO, XINGANG, CN

[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN

[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN

[85] 2016-08-03

[86] 2014-12-30 (PCT/CN2014/095709)

[87] (WO2015/101305)

[30] CN (2013107512383) 2013-12-31

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[21] **2,938,642**  
[13] A1

[51] **Int.Cl. C21B 11/00 (2006.01) C21B 13/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FLUIDIZED BED REDUCTION OF POWDERED IRON ORE**

[54] **SYSTEME ET PROCEDE POUR LA REDUCTION DE MINERAI DE FER EN POUDRE EN LIT FLUIDISE**

[72] ZHU, QINGSHAN, CN

[72] FAN, CHUANLIN, CN

[72] LI, HONGZHONG, CN

[72] XIE, ZHAOHUI, CN

[72] MU, WENHENG, CN

[72] WANG, CUNHU, CN

[72] JIAO, XINGANG, CN

[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN

[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN

[85] 2016-08-03

[86] 2014-12-30 (PCT/CN2014/095707)

[87] (WO2015/101304)

[30] CN (201310750393.3) 2013-12-31

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[21] **2,938,643**  
[13] A1

[51] **Int.Cl. C21B 13/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FLUIDIZED DIRECT REDUCTION OF IRON ORE CONCENTRATE POWDER**

[54] **SYSTEME ET PROCEDE DE REDUCTION DIRECTE DE POUDRE DE CONCENTRE DE MINERAI DE FER EN LIT FLUIDISE**

[72] ZHU, QINGSHAN, CN

[72] FAN, CHUANLIN, CN

[72] LI, HONGZHONG, CN

[72] XIE, ZHAOHUI, CN

[72] MU, WENHENG, CN

[72] WANG, CUNHU, CN

[72] JIAO, XINGANG, CN

[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN

[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN

[85] 2016-08-03

[86] 2014-12-30 (PCT/CN2014/095711)

[87] (WO2015/101306)

[30] CN (201310750711.6) 2013-12-31

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[21] **2,938,645**  
[13] A1

[51] **Int.Cl. B32B 3/28 (2006.01) B64C 3/34 (2006.01)**

[25] EN

[54] **COMPOSITE MATERIAL STRUCTURE**

[54] **STRUCTURE EN MATERIAU COMPOSITE**

[72] ABE, TOSHIO, JP

[72] TAKAGI, KIYOKA, JP

[72] KOYAMA, TAKAYUKI, JP

[72] YOSHINO, KATSUYA, JP

[72] KISHIMOTO, KAZUAKI, JP

[72] SAITO, KOICHI, JP

[72] ISHIDA, TAKASHI, JP

[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2016-08-03

[86] 2015-01-28 (PCT/JP2015/052407)

[87] (WO2015/119023)

[30] JP (2014-019566) 2014-02-04

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[21] **2,938,646**  
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01)**

[25] EN

[54] **DRY ACID CONCENTRATE IN GRANULATE FORM**

[54] **CONCENTRE ACIDE DESHYDRATE SOUS FORME DE GRANULES**

[72] EYRAND, THIERRY, FR

[72] LAFFAY, PHILIPPE, FR

[72] LAURIE, BENOIT, FR

[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE

[85] 2016-08-03

[86] 2015-02-06 (PCT/EP2015/000251)

[87] (WO2015/117764)

[30] EP (14 000 455.7) 2014-02-07

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[21] **2,938,649**  
[13] A1

[51] **Int.Cl. B01D 15/32 (2006.01) B01D 15/36 (2006.01) C07K 1/18 (2006.01) C07K 1/20 (2006.01) C07K 1/36 (2006.01) C07K 14/435 (2006.01)**

[25] EN

[54] **IL-15/IL-15RALPHA BASED CONJUGATES PURIFICATION METHOD**

[54] **PROCEDE DE PURIFICATION DE CONJUGUES A BASE D'IL-15/IL-15RALPHA**

[72] BECHARD, DAVID, FR  
[72] DE MARTINOFF, GUY, BE  
[71] CYTUNE PHARMA, FR  
[85] 2016-08-03  
[86] 2015-03-03 (PCT/EP2015/000473)  
[87] (WO2015/131994)  
[30] EP (14000742.8) 2014-03-03

[21] **2,938,652**  
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) H04W 12/06 (2009.01) H04W 52/38 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PAIRING OF WIRELESS CONTROL DEVICES WITH A WELDING POWER SUPPLY**

[54] **SYSTEMES ET PROCEDES D'APPARIEMENT DE DISPOSITIFS DE COMMANDE SANS FIL A UNE ALIMENTATION DE SOUDAGE**

[72] DENIS, MARC LEE, US  
[72] PEOTTER, BENJAMIN G., US  
[71] ILLNOIS TOOL WORKS INC., US  
[85] 2016-08-03  
[86] 2015-01-06 (PCT/US2015/010252)  
[87] (WO2015/147954)  
[30] US (14/229,219) 2014-03-28

[21] **2,938,654**  
[13] A1

[51] **Int.Cl. C08J 3/09 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 153/02 (2006.01)**

[25] EN

[54] **AQUEOUS EMULSION, THIN MOLDED ARTICLE, AND METHOD FOR PRODUCING THIN MOLDED ARTICLE**

[54] **EMULSION AQUEUSE, ARTICLE MOULE MINCE, ET PROCEDE DE PRODUCTION D'ARTICLE MOULE MINCE**

[72] SASAKI, HIROMITSU, JP  
[71] KURARAY CO., LTD., JP  
[71] AMYRIS, INC., US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/JP2015/053389)  
[87] (WO2015/119248)  
[30] JP (2014-022194) 2014-02-07

[21] **2,938,651**  
[13] A1

[51] **Int.Cl. B29C 61/06 (2006.01) B29C 55/14 (2006.01) C08J 5/18 (2006.01)**

[25] EN

[54] **HEAT-SHRINKABLE POLYESTER FILM**

[54] **FILM POLYESTER THERMORETRACTABLE**

[72] INOUE, MASAFUMI, JP  
[72] HARUTA, MASAYUKI, JP  
[71] TOYOBO CO., LTD., JP  
[85] 2016-08-03  
[86] 2015-01-23 (PCT/JP2015/051870)  
[87] (WO2015/118968)  
[30] JP (2014-019113) 2014-02-04  
[30] JP (2014-183245) 2014-09-09

[21] **2,938,653**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/12 (2009.01) H04W 92/18 (2009.01) H04N 21/64 (2011.01)**

[25] EN

[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, AND INFORMATION PROCESSING METHOD**

[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SYSTEME DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**

[72] IWAMI, HIDEKI, JP  
[72] ITOH, KATSUTOSHI, JP  
[72] IKENAGA, YOSHIHIKO, JP  
[71] SONY CORPORATION, JP  
[85] 2016-08-03  
[86] 2014-12-02 (PCT/JP2014/081810)  
[87] (WO2015/122080)  
[30] JP (2014-024016) 2014-02-12

[21] **2,938,655**  
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) H04W 12/08 (2009.01) F02N 11/12 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PRIORITIZATION OF WIRELESS CONTROL OF A WELDING POWER SUPPLY**

[54] **SYSTEMES ET PROCEDES DE CLASSEMENT PAR ORDRE DE PRIORITE DE COMMANDE SANS FIL D'UNE ALIMENTATION DE SOUDAGE**

[72] DENIS, MARC LEE, US  
[72] PEOTTER, BENJAMIN G., US  
[71] ILLNOIS TOOL WORKS INC., US  
[85] 2016-08-03  
[86] 2015-01-06 (PCT/US2015/010257)  
[87] (WO2015/147955)  
[30] US (14/229,176) 2014-03-28



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[21] **2,938,656**  
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) H04W 12/08 (2009.01) F02N 11/12 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR WIRELESS CONTROL OF AN ENGINE-DRIVEN WELDING POWER SUPPLY**  
[54] **SYSTEMES ET PROCEDES DE COMMANDE SANS FIL D'UNE ALIMENTATION DE SOUDAGE ENTRAINEE PAR UN MOTEUR**  
[72] DENIS, MARC LEE, US  
[72] PEOTTER, BENJAMIN G., US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2016-08-03  
[86] 2015-01-06 (PCT/US2015/010258)  
[87] (WO2015/147956)  
[30] US (14/229,271) 2014-03-28

[21] **2,938,658**  
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR WIRELESS CONTROL OF A WELDING POWER SUPPLY**  
[54] **SYSTEMES ET PROCEDES DE COMMANDE SANS FIL D'UNE ALIMENTATION DE SOUDAGE**  
[72] DENIS, MARC LEE, US  
[72] PEOTTER, BENJAMIN G., US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2016-08-03  
[86] 2015-01-06 (PCT/US2015/010264)  
[87] (WO2015/147957)  
[30] US (14/229,312) 2014-03-28

[21] **2,938,659**  
[13] A1

[51] **Int.Cl. E06B 3/66 (2006.01) C03C 27/06 (2006.01) E06B 3/667 (2006.01)**  
[25] EN  
[54] **COMPLIANT HERMETIC SEAL SYSTEM FOR FLAT GLASS PANEL ASSEMBLY**  
[54] **SYSTEME DE JOINT HERMETIQUE FLEXIBLE POUR ENSEMBLE DE PANNEAUX DE VERRE PLAT**  
[72] PETIT, PETER, US  
[71] PETIT, PETER, US  
[85] 2016-08-03  
[86] 2015-01-30 (PCT/US2015/013687)  
[87] (WO2015/116898)  
[30] US (61/935,250) 2014-02-03

[21] **2,938,660**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **INJECTOR FOR INTRAOCULAR LENS**  
[54] **INJECTEUR POUR LENTILLE INTRA-OCULAIRE**  
[72] YAMADA, YOSHITAKA, JP  
[72] UENO, KATSUYUKI, JP  
[72] TANAKA, TAKASHI, JP  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[85] 2016-08-03  
[86] 2015-02-20 (PCT/JP2015/054730)  
[87] (WO2015/125905)  
[30] JP (2014-030556) 2014-02-20

[21] **2,938,662**  
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01)**  
[25] EN  
[54] **FLEXIBLE ANKLE SUPPORT SYSTEM**  
[54] **SYSTEME DE SUPPORT FLEXIBLE POUR LA CHEVILLE**  
[72] MADDEN, DAVID, US  
[72] COZAD, MATTHEW, US  
[72] BOWEN, BRIAN, US  
[72] LEDEZMA, FRANK, US  
[71] EXOS LLC, US  
[85] 2016-08-03  
[86] 2015-02-02 (PCT/US2015/014134)  
[87] (WO2015/119897)  
[30] US (61/935,756) 2014-02-04  
[30] US (61/935,755) 2014-02-04

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[25] EN  
[54] **RIGID ANKLE SUPPORT SYSTEM**  
[54] **SYSTEME DE SUPPORT RIGIDE DE CHEVILLE**  
[72] MADDEN, DAVID, US  
[72] COZAD, MATTHEW, US  
[72] BOWEN, BRIAN, US  
[72] LEDEZMA, FRANK, US  
[71] EXOS LLC, US  
[85] 2016-08-03  
[86] 2015-02-02 (PCT/US2015/014142)  
[87] (WO2015/119898)  
[30] US (61/935,755) 2014-02-04  
[30] US (61/935,756) 2014-02-04

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[13] A1

[51] **Int.Cl. F16L 23/04 (2006.01) B01D 35/02 (2006.01) F16L 23/00 (2006.01) F16L 23/08 (2006.01) F16L 23/10 (2006.01)**  
[25] EN  
[54] **FLANGED TUBE APPARATUS**  
[54] **APPAREIL A TUBE A BRIDES**  
[72] LIN, ZHENWU, US  
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US  
[85] 2016-06-15  
[86] 2014-06-26 (PCT/US2014/044360)  
[87] (WO2015/094403)  
[30] US (14/138,091) 2013-12-22

[21] **2,938,665**  
[13] A1

[51] **Int.Cl. F04D 19/00 (2006.01) F16H 1/28 (2006.01) F28C 3/08 (2006.01)**  
[25] EN  
[54] **CONTRA-ROTATING AXIAL FAN SYSTEM AND TRANSMISSION FOR DRY AND EVAPORATIVE COOLING EQUIPMENT**  
[54] **SYSTEME DE VENTILATEUR AXIAL CONTRAROTATIF ET TRANSMISSION POUR EQUIPEMENT DE REFROIDISSEMENT A SEC ET PAR EVAPORATION**  
[72] SANTORO, JOHN, US  
[71] JVS ASSOCIATES, INC., US  
[85] 2016-08-03  
[86] 2015-02-03 (PCT/US2015/014228)  
[87] (WO2015/117120)  
[30] US (61/935,138) 2014-02-03  
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[51] **Int.Cl. C08L 75/04 (2006.01) C08G 18/28 (2006.01) C08J 9/22 (2006.01)**  
[25] EN  
[54] **THERMALLY STABLE RIGID FOAMS AND METHODS OF MAKING SAME**  
[54] **MOUSSES RIGIDES THERMIQUEMENT STABLES ET LEURS PROCEDES DE FABRICATION**  
[72] BRADY, JOSEPH SENNETT CONNER, III, US  
[72] THOMPSON, DARRELL, US  
[71] ATLAS ROOFING CORPORATION, US  
[85] 2016-08-03  
[86] 2015-02-03 (PCT/US2015/014262)  
[87] (WO2015/119949)  
[30] US (61/935,401) 2014-02-04

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[25] EN  
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[54] **BOITE DE VITESSES DE TYPE A ENGRENAGE PLANETAIRE**  
[72] YASUTA, NOBUHITO, JP  
[72] MATSUO, TAKU, JP  
[72] SHIOHARA, MASAKI, JP  
[72] KAMATANI, YUTAKA, JP  
[72] IZUMI, KOHEI, JP  
[71] KOMATSU LTD., JP  
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[51] **Int.Cl. E04D 13/16 (2006.01)**  
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[54] **SYSTEMES D'ISOLATION DE TOIT**  
[72] ALTER, HARRY A., US  
[72] BRODERICK, ANDREW, US  
[72] RINNE, JAMES W., US  
[72] SALONVAARA, MIKAEL, US  
[72] WOLF, DAVID HERMAN, US  
[72] CARPINO, ELAINA, US  
[72] GWEE, LIANG, US  
[72] HALEY, GLENN E., US  
[72] HOMOELLE, ZACHARY PHILLIP, US  
[72] O'LEARY, ROBERT J., US  
[72] ROCKWELL, ANTHONY L., US  
[72] ASKIN, JOSHUA, US  
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US

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[25] EN  
[54] **GENOME FRACTIONING**  
[54] **FRACTIONNEMENT DU GENOME**  
[72] BROWN, KEITH, US  
[72] DANSKY, PETER, US  
[71] IGENOMX INTERNATIONAL GENOMICS CORPORATION, US  
[85] 2016-08-03  
[86] 2015-02-03 (PCT/US2015/014242)  
[87] (WO2015/119941)  
[30] US (61/935,827) 2014-02-04  
[30] US (62/040,307) 2014-08-21

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[13] A1

[51] **Int.Cl. C04B 22/04 (2006.01) C04B 14/04 (2006.01) C04B 28/18 (2006.01)**  
[25] EN  
[54] **LIGHTWEIGHT THERMAL INSULATING CEMENT BASED MATERIALS**  
[54] **MATERIAUX D'ISOLATION THERMIQUE LEGERS A BASE DE CIMENT**  
[72] DANIELS, EVAN R., US  
[72] ANDERSEN, PER JUST, DE  
[71] THE INTELLECTUAL GORILLA GMBH, CH  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/US2015/014360)  
[87] (WO2015/119987)  
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[51] **Int.Cl. A61K 9/14 (2006.01)**  
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[54] **DONEPEZIL COMPOSITIONS AND METHOD OF TREATING ALZHEIMER'S DISEASE**  
[54] **COMPOSITIONS DE DONEPEZIL ET PROCEDE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**  
[72] DEDHIYA, MAHENDRA G., US  
[72] VERMANI, KAVITA, US  
[72] KATDARE, ASHOK, US  
[71] FOREST LABORATORIES HOLDINGS LIMITED, BM  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/US2015/014404)  
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[13] A1

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[54] **ENSEMBLE ROUE**  
[72] ZEHNDER, CRAIG M., US  
[72] PEER, GREG, US  
[72] BURG, JAMES, US  
[72] LEONARD, STEPHEN, US  
[72] SKLYUT, HENRY, US  
[72] COBES, JOHN, US  
[72] ROVITO, ANTON, US  
[72] CICCOLA, GABRIELE, US  
[72] WEILER, KELLY, US  
[72] KULAK, MICHAEL, US  
[72] BLACK, JAMES, US  
[72] JARVIS, GLENN, US  
[72] LEE, WILSON, US  
[72] DEGEORGE, GRANT, US  
[71] ALCOA INC., US  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/US2015/014407)  
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[13] A1

[51] **Int.Cl. C08J 9/00 (2006.01) C08J 9/12 (2006.01) C08K 5/00 (2006.01) C08L 25/04 (2006.01)**  
[25] EN  
[54] **STABLE STYRENIC FOAM WITH BROMINATED STYRENE/BUTADIENE COPOLYMER AND METAL OXIDE INFRARED ATTENUATOR**  
[54] **MOUSSE STYRENIQUE STABLE COMPRENANT UN COPOLYMER DE STYRENE/BUTADIENE BROME ET UN ATTENUATEUR DE RAYONNEMENT INFRAROUGE A BASE D'OXYDE METALLIQUE**  
[72] VO, VAN-CHAU, CH  
[72] BEULICH, INKEN, CH  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2016-07-27  
[86] 2015-01-27 (PCT/US2015/012976)  
[87] (WO2015/116548)  
[30] US (61/934,869) 2014-02-03

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[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01) G01N 15/00 (2006.01) H01J 49/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUTOMATED ANALYSIS OF OUTPUT IN SINGLE PARTICLE INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY AND SIMILAR DATA SETS**  
[54] **SYSTEMES ET PROCEDES D'ANALYSE AUTOMATIQUE DE SORTIE DE SPECTROMETRIE DE MASSE A PLASMA A COUPLAGE INDUCTIF A PARTICULE UNIQUE ET D'ENSEMBLES DE DONNEES SIMILAIRES**  
[72] BAZARGAN, SAMAD, CA  
[72] BADIEI, HAMID, CA  
[71] PERKINELMER HEALTH SCIENCES, INC., US  
[85] 2016-08-03  
[86] 2014-02-14 (PCT/US2014/016588)  
[87] (WO2015/122920)

[21] **2,938,675**  
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUTOMATED OPTIMIZATION OF A MULTI-MODE INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER**  
[54] **SYSTEME ET PROCEDES POUR L'OPTIMISATION AUTOMATISEE D'UN SPECTROMETRE DE MASSE A PLASMA COUPLE INDUCTIVEMENT MULTIMODAL**  
[72] BAZARGAN, SAMAD, CA  
[72] BADIEI, HAMID, CA  
[72] PATEL, PRITESH, CA  
[71] PERKINELMER HEALTH SCIENCES, INC., US  
[85] 2016-08-03  
[86] 2015-02-13 (PCT/US2015/015875)  
[87] (WO2015/123555)  
[30] US (61/940,349) 2014-02-14

[21] **2,938,684**  
[13] A1

[51] **Int.Cl. A63B 53/14 (2015.01) A63B 53/02 (2015.01)**  
[25] EN  
[54] **GRIP AND INTERNAL WEIGHT SYSTEM FOR A GOLF CLUB HAVING A STOPPER WITHIN THE GRIP**  
[54] **POIGNEE ET SYSTEME DE POIDS INTERNE POUR BATON DE GOLF AYANT UNE BUTEE A L'INTERIEUR DE LA POIGNEE**  
[72] DINGMAN, DEAN, US  
[72] LEE, CHRIS, CN  
[71] SSG INTERNATIONAL, LLC, US  
[85] 2016-08-11  
[86] 2015-03-04 (PCT/US2015/018682)  
[87] (WO2015/134574)  
[30] US (61/947,570) 2014-03-04  
[30] US (14/636,289) 2015-03-03

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[13] A1

[51] **Int.Cl. G06F 9/455 (2006.01) E21B 44/00 (2006.01) G06G 7/48 (2006.01)**  
[25] EN  
[54] **EFFICIENT AND ROBUST COMPOSITIONAL RESERVOIR SIMULATION USING A FAST PHASE ENVELOPE**  
[54] **SIMULATION DE RESERVOIR COMPOSITE EFFICACE ET ROBUSTE A L'AIDE D'UNE ENVELOPPE DE PHASE RAPIDE**  
[72] WONG, TERRY, US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-08-03  
[86] 2015-03-12 (PCT/US2015/020295)  
[87] (WO2015/138807)  
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[25] EN  
[54] **MODIFIED BLACK OIL MODEL FOR CALCULATING MIXING OF DIFFERENT FLUIDS IN A COMMON SURFACE NETWORK**  
[54] **MODELE D'HUILE NOIRE MODIFIE POUR CALCULER LE MELANGE DE DIFFERENTS FLUIDES DANS UN RESEAU DE SURFACE COMMUN**  
[72] WONG, TERRY, US  
[72] FLEMING, GRAHAM C., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-08-03  
[86] 2015-03-12 (PCT/US2015/020293)  
[87] (WO2015/138805)  
[30] US (61/951,819) 2014-03-12

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[13] A1

[51] **Int.Cl. H02H 1/00 (2006.01)**  
[25] FR  
[54] **METHOD AND CIRCUIT FOR DETECTING AN ELECTRIC ARC IN A CIRCUIT, AND SWITCHING DEVICE USING SUCH A CIRCUIT**  
[54] **PROCEDE ET CIRCUIT DE DETECTION D'ARC ELECTRIQUE DANS UN CIRCUIT, ET DISPOSITIF DE COMMUTATION UTILISANT UN TEL CIRCUIT**  
[72] TISSERAND, ETIENNE, FR  
[72] BOURNAT, MARC, FR  
[72] ANDREA, JONATHAN, FR  
[72] SCHWEITZER, PATRICK, FR  
[72] WEBER, SERGE, FR  
[71] LEACH INTERNATIONAL EUROPE SA, FR  
[71] UNIVERSITE DE LORRAINE, FR  
[85] 2016-08-02  
[86] 2015-02-03 (PCT/EP2015/052110)  
[87] (WO2015/114151)  
[30] FR (1450817) 2014-02-03

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[13] A1

[51] **Int.Cl. C01B 33/193 (2006.01) B29D 30/00 (2006.01) C08K 3/36 (2006.01)**  
[25] FR  
[54] **NOVEL METHOD OF PREPARING PRECIPITATED SILICAS, NOVEL PRECIPITATED SILICAS, AND THEIR USES, IN PARTICULAR FOR REINFORCING POLYMERS**  
[54] **NOUVEAU PROCEDE DE PREPARATION DE SILICES PRECIPITEES, NOUVELLES SILICES PRECIPITEES ET LEURS UTILISATIONS, NOTAMMENT POUR LE RENFORCEMENT DE POLYMERES**  
[72] BOIVIN, CEDRIC, FR  
[72] GUY, LAURENT, FR  
[72] PERIN, ERIC, FR  
[72] LAMIRI, KILANI, FR  
[71] RHODIA OPERATIONS, FR  
[85] 2016-08-02  
[86] 2015-02-12 (PCT/EP2015/052920)  
[87] (WO2015/121332)  
[30] FR (1400414) 2014-02-14

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[13] A1

[51] **Int.Cl. G06F 15/163 (2006.01)**  
[25] EN  
[54] **MOBILE APPLICATION ACCELERATION VIA FINE-GRAIN OFFLOADING TO CLOUD COMPUTING**  
[54] **ACCELERATION D'APPLICATIONS MOBILES PAR L'INTERMEDIAIRE D'UN DELESTAGE A GRAIN FIN DANS DES INFRASTRUCTURES INFORMATIQUES EN NUAGE**  
[72] LIN, CHIT KWAN, US  
[71] INTEL CORPORATION, US  
[71] LIN, CHIT KWAN, US  
[85] 2016-08-03  
[86] 2015-03-10 (PCT/US2015/019776)  
[87] (WO2015/138504)  
[30] US (61/950,758) 2014-03-10

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[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21H 27/30 (2006.01) D21H 27/32 (2006.01)**  
[25] EN  
[54] **AN ABSORBENT SANITARY PAPER PRODUCT**  
[54] **PRODUIT DE PAPIER SANITAIRE ABSORBANT**  
[72] MCNEIL, KEVIN BENSON, US  
[72] BYRNE, THOMAS TIMOTHY, US  
[72] KIEN, KATHRYN CHRISTIAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-07-29  
[86] 2015-01-12 (PCT/US2015/010949)  
[87] (WO2015/116368)  
[30] US (14/168,625) 2014-01-30

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01)**  
[25] EN  
[54] **ABUSE-RESISTANT DRUG FORMULATIONS WITH BUILT-IN OVERDOSE PROTECTION**  
[54] **FORMULATIONS DE MEDICAMENT RESISTANTES AUX ABUS AVEC PROTECTION INTEGREE CONTRE LE SURDOSAGE**  
[72] VAKA, SIVA RAM KIRAN, US  
[72] CHATTERJI, ASHISH, US  
[72] DESAI, DIPEN, US  
[72] PHUAPRADIT, WANTANEE, US  
[72] SHAH, NAVNIT H., US  
[72] THONGSUKMAK, ATSAWIN, US  
[72] MEGHPARA, KANJI, US  
[71] KASHIV PHARMA, LLC, US  
[85] 2016-08-03  
[86] 2015-02-05 (PCT/US2015/014690)  
[87] (WO2015/120201)  
[30] US (61/935,971) 2014-02-05

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[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **A CANNULA, AN INJECTION OR INFUSION DEVICE AND METHODS OF USING THE CANNULA OR THE INJECTION OR INFUSION DEVICE**  
[54] **CANULE, DISPOSITIF D'INJECTION OU PERFUSION, ET PROCEDES D'UTILISATION DE CANULE OU DE DISPOSITIF D'INJECTION OU PERFUSION**  
[72] SAHIN, UGUR, DE  
[71] BIONTECH AG, DE  
[85] 2016-08-04  
[86] 2014-02-05 (PCT/EP2014/000306)  
[87] (WO2015/117620)

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[13] A1

[51] **Int.Cl. B21D 5/04 (2006.01)**  
[25] EN  
[54] **COMPOUND BENDING JIG FOR MANUAL BRAKE**  
[54] **GABARIT DE CINTRAGE DE COMPOSE POUR FREIN A MAIN**  
[72] BUCK, RONNIE LEE, US  
[71] BUCK, RONNIE LEE, US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014934)  
[87] (WO2015/120347)  
[30] US (61/936,661) 2014-02-06

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[13] A1

[51] **Int.Cl. C22B 59/00 (2006.01)**  
[25] EN  
[54] **MONAZITE AND APATITE PARAGENETIC ORE ENRICHMENT METHOD**  
[54] **PROCEDE D'ENRICHISSEMENT DE MINERAI DE PARAGENESE COMPOSE DE MONAZITE/APATITE**  
[72] XIONG, WENLIANG, CN  
[72] YANG, YAOHUI, CN  
[72] LIU, SHUPING, CN  
[72] JI, CHENGQING, CN  
[72] ZENG, XIAOBO, CN  
[72] DENG, JIE, CN  
[72] LIAO, XIANGWEN, CN  
[72] CHEN, BINGYAN, CN  
[72] DENG, SHANZHI, CN  
[71] INSTITUTE OF MULTIPURPOSE UTILIZATION OF MINERAL RESOURCES, CN  
[85] 2016-08-04  
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[87] (WO2016/109966)

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[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 1/00 (2006.01) A61P 13/00 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01) A61P 29/00 (2006.01) C07D 263/32 (2006.01) C07D 277/28 (2006.01) C07D 413/06 (2006.01) C07D 417/06 (2006.01) C07D 417/14 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED THIAZOLE OR OXAZOLE P2X7 RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR P2X7 D'OXAZOLE OU DE THIAZOLE SUBSTITUES**  
[72] PEVARELLO, PAOLO, IT  
[72] LOHMER, STEFAN, IT  
[72] LIBERATI, CHIARA, IT  
[72] SENECCI, PIERFAUSTO, IT  
[72] PESENTI, CRISTINA, IT  
[72] PRANDI, ADOLFO, IT  
[71] AXXAM S.P.A., IT  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/EP2015/052316)  
[87] (WO2015/118019)  
[30] EP (14154038.5) 2014-02-05

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[13] A1

[51] **Int.Cl. G06F 13/376 (2006.01) G06F 13/42 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR A MULTIPLE MASTER BUS PROTOCOL**  
[54] **METHODES ET APPAREIL POUR UN PROTOCOLE DE BUS A MULTIPLES MAITRES**  
[72] DIONISIO, CHRISTOPHER, US  
[72] SWANZEY, TODD T., US  
[72] STEFKOVIC, GREGORY R., US  
[71] ASCENDIA DIABETES CARE HOLDINGS AG, CH  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014925)  
[87] (WO2015/120339)  
[30] US (61/937,446) 2014-02-07

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**  
[25] EN  
[54] **ANTI-LYMPHOMA PEPTIDES**  
[54] **PEPTIDES DIRIGES CONTRE LES LYMPHOMES**  
[72] SVENDSEN, JOHN SIGURD, NO  
[72] REKDAL, OYSTEIN, NO  
[72] EKSTEEN, JOHANNES, NO  
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/EP2015/052333)  
[87] (WO2015/118028)  
[30] GB (1401877.4) 2014-02-04

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[13] A1

[51] **Int.Cl. H01H 9/34 (2006.01) H01H 9/30 (2006.01) H01H 9/44 (2006.01) H01H 73/18 (2006.01)**  
[25] EN  
[54] **SWITCHING SYSTEM**  
[54] **SYSTEME DE COMMUTATION**  
[72] SCHRANK, THORSTEN, DE  
[72] KURRAT, MICHAEL, DE  
[72] WILKENING, ERNST-DIETER, DE  
[71] ELLENBERGER & POENSGEN GMBH, DE  
[85] 2016-08-04  
[86] 2015-01-15 (PCT/EP2015/000061)  
[87] (WO2015/117723)  
[30] DE (10 2014 001 730.3) 2014-02-08

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[13] A1

[51] **Int.Cl. B65G 23/36 (2006.01) B65G 47/96 (2006.01) G05B 19/418 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DRIVING PARCEL SORTERS FOR INSTALLATIONS FACILITIES HAVING CONSIDERABLE CHANGES IN LEVELS**

[54] **PROCEDE ET DISPOSITIF POUR L'ENTRAINEMENT DES TRIEURS DE COLIS POUR LES INSTALLATIONS AYANT DE FORTS CHANGEMENTS DE NIVEAUX**

[72] CHIEREGO, LORENZO, IT

[72] SOLDAVINI, ATTILIO (DECEASED), IT

[71] FIVES INTRALOGISTICS S.P.A., IT

[85] 2016-08-03

[86] 2015-02-11 (PCT/EP2015/052882)

[87] (WO2015/121306)

[30] FR (14 00380) 2014-02-11

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[21] **2,938,709**  
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/17 (2006.01) A61F 2/40 (2006.01) A61F 2/46 (2006.01)**

[25] EN

[54] **METHODS, SYSTEMS AND DEVICES FOR PRE-OPERATIVELY PLANNED ADAPTIVE GLENOID IMPLANTS**

[54] **METHODES, SYSTEMES ET DISPOSITIFS POUR IMPLANTS GLENOIDIENS ADAPTATIFS A PLANIFICATION PRE-OPERATOIRE**

[72] CHAOUI, JEAN, FR

[71] IMASCAP SAS, FR

[85] 2016-05-04

[86] 2014-11-10 (PCT/IB2014/002593)

[87] (WO2015/068035)

[30] US (61/901,750) 2013-11-08

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[21] **2,938,710**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**

[25] EN

[54] **A SYSTEM AND A METHOD FOR DELIVERY OF AN ANNULOPLASTY IMPLANT**

[54] **SYSTEME ET PROCEDE POUR L'ADMINISTRATION D'UN IMPLANT D'ANNULOPLASTIE**

[72] ZERKOWSKI, HANS-REINHARD, CH

[72] KERANEN, OLLI, SE

[72] O'CARROLL, GER, IE

[72] PUGH, MARK, IE

[72] MORAN, ADRIAN, IE

[71] MEDTENTIA INTERNATIONAL LTD OY, FI

[85] 2016-08-03

[86] 2015-02-18 (PCT/EP2015/053421)

[87] (WO2015/124632)

[30] EP (14155506.0) 2014-02-18

[30] EP (14155508.6) 2014-02-18

[30] US (61/940,857) 2014-02-18

[30] EP (14179416.4) 2014-07-31

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[21] **2,938,712**  
[13] A1

[51] **Int.Cl. C07K 14/005 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **SOLUBLE AND IMMUNOREACTIVE VARIANTS OF HTLV CAPSID ANTIGEN P24**

[54] **VARIANTS SOLUBLES ET IMMUNOREACTIFS DE L'ANTIGENE DE CAPSIDE P24 DU VIRUS HTLV**

[72] FAATZ, ELKE, DE

[72] MUENCH, PETER, DE

[72] SCHOLZ, CHRISTIAN, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2016-08-03

[86] 2015-02-26 (PCT/EP2015/053966)

[87] (WO2015/128394)

[30] EP (14157165.3) 2014-02-28

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[21] **2,938,713**  
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **INJECTION DEVICE**

[54] **APPAREIL D'INJECTION**

[72] KEITEL, JOACHIM, DE

[71] HASELMEIER AG, CH

[85] 2016-08-04

[86] 2015-01-31 (PCT/EP2015/000184)

[87] (WO2015/117741)

[30] DE (20 2014 001 136.2) 2014-02-05

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[21] **2,938,714**  
[13] A1

[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/90 (2016.01) B60L 11/18 (2006.01) H02J 7/02 (2016.01)**

[25] EN

[54] **INDUCTIVE POWER TRANSFER PAD, SYSTEM FOR INDUCTIVE POWER TRANSFER AND METHOD OF OPERATING AN INDUCTIVE POWER TRANSFER PAD**

[54] **PLOT DE TRANSFERT DE PUISSANCE PAR INDUCTION, SYSTEME POUR TRANSFERT DE PUISSANCE PAR INDUCTION ET PROCEDE DE FONCTIONNEMENT D'UN PLOT DE TRANSFERT DE PUISSANCE PAR INDUCTION**

[72] WECHSLER, SIMON, DE

[72] ANDERS, DOMINIK, DE

[71] BOMBARDIER PRIMOVE GMBH, DE

[85] 2016-08-03

[86] 2015-02-27 (PCT/EP2015/054106)

[87] (WO2015/128450)

[30] GB (1403547.1) 2014-02-28

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[13] A1

[51] **Int.Cl. A61K 31/506 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **CHOLESTERYL ESTER TRANSFER PROTEIN (CETP) INHIBITOR AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAID INHIBITOR FOR USE IN THE TREATMENT OR PREVENTION OF CARDIOVASCULAR DISEASES**

[54] **INHIBITEUR DE LA PROTEINE DE TRANSFERT D'ESTER DE CHOLESTERYLE (CETP) ET COMPOSITIONS PHARMACEUTIQUES COMPRENANT LEDIT INHIBITEUR POUR LEUR UTILISATION DANS LE TRAITEMENT OU LA PREVENTION DE MALADIES CARDIOVASCULAIRES**

[72] FORD, JOHN, GB

[72] ROUND, PATRICK, GB

[72] KASTELEIN, JOHN, NL

[72] KAWAGUCHI, ATSUHIRO, JP

[72] TOMIYASU, KOICHI, JP

[72] OKA, KOZO, JP

[71] DEZIMA PHARMA B.V., NL

[71] MITSUBISHI TANABE PHARMA CORPORATION, JP

[85] 2016-08-03

[86] 2014-02-05 (PCT/NL2014/050068)

[87] (WO2015/119495)

[21] **2,938,719**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61K 31/498 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 215/48 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01)**

[25] EN

[54] **6-HETEROARYLOXY- AND 6-ARYLOXY-QUINOLINE-2-CARBOXAMIDES AND USES THEREOF**

[54] **6-HETEROARYLOXY- ET 6-ARYLOXY-QUINOLEINE-2-CARBOXAMIDES ET LEURS UTILISATIONS**

[72] BOGDAN, ANDREW, US

[72] COWART, MARLON D., US

[72] DEGOEY, DAVID A., US

[72] JINKERSON, TAMMIE K., US

[72] KOENIG, JOHN R., US

[72] KORT, MICHAEL E., US

[72] LIU, BO, US

[72] MATULENKO, MARK A., US

[72] NELSON, DEREK W., US

[72] PATEL, MEENA V., US

[72] PELTIER, HILLARY, US

[72] SCANIO, MARC J., US

[72] WAKEFIELD, BRIAN D., US

[71] ABBVIE, INC., US

[85] 2016-08-03

[86] 2015-02-04 (PCT/US2015/014380)

[87] (WO2015/119998)

[30] US (61/936,397) 2014-02-06

[21] **2,938,720**  
[13] A1

[51] **Int.Cl. B32B 27/12 (2006.01)**

[25] EN

[54] **WATER-BASED EPOXY FORMULATIONS FOR APPLIED FIREPROOFING**

[54] **FORMULATIONS EPOXY A BASE D'EAU POUR MATERIAUX D'IGNIFUGATION APPLIQUES**

[72] ROBERT, PAUL KREH, US

[71] UNITED STATES MINERAL PRODUCTS COMPANY, US

[85] 2016-08-03

[86] 2015-02-04 (PCT/US2015/014402)

[87] (WO2015/120012)

[30] US (61/935,586) 2014-02-04

[21] **2,938,723**  
[13] A1

[51] **Int.Cl. G01R 31/34 (2006.01) H02K 11/00 (2016.01) H02P 29/02 (2016.01)**

[25] FR

[54] **METHOD FOR DETECTING A SHORT CIRCUIT IN A SYNCHRONOUS MACHINE FITTED WITH AN ANGULAR POSITION SENSOR**

[54] **PROCEDE DE DETECTION D'UN COURT-CIRCUIT DANS UNE MACHINE SYNCHRONE EQUIPEE D'UN CAPTEUR DE POSITION ANGAULAIRE**

[72] DUMAS, PIERRE, FR

[71] LOHR ELECTROMECHANIQUE, FR

[85] 2016-08-03

[86] 2015-02-16 (PCT/FR2015/050367)

[87] (WO2015/124855)

[30] FR (1451456) 2014-02-24

[21] **2,938,724**  
[13] A1

[51] **Int.Cl. D06P 1/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR DYING NATURAL FIBERS WITH NATURAL DYES TO ENSURE COLOR (HUE AND SHADE)-MATCH CONSISTENCY**

[54] **COMPOSITIONS ET PROCEDES DE TEINTURE DE FIBRES NATURELLES AVEC DES PIGMENTS NATURELS GARANTISSANT UNE COHERENCE DE COULEUR (EGALITE DE TON ET DE NUANCE)**

[72] CHAPPELL, THOMAS, US

[72] MONKS, DAVID, US

[71] RAMBLER'S WAY FARM, INC., US

[85] 2016-08-03

[86] 2015-02-04 (PCT/US2015/014458)

[87] (WO2015/130437)

[30] US (61/935,935) 2014-02-05

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[13] A1

[51] **Int.Cl. E04B 2/86 (2006.01)**  
[25] EN  
[54] **MODULAR UNITS FOR INSULATING CONCRETE FORMS**  
[54] **UNITES MODULAIRES POUR DES FORMES DE BETON ISOLANT**  
[72] JENSEN, DANIEL MAX, US  
[71] THERMAGREEN SYSTEMS, INC., US  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/US2015/014499)  
[87] (WO2015/120078)  
[30] US (61/935,490) 2014-02-04

[21] **2,938,726**  
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/00 (2006.01)**  
[25] EN  
[54] **ANTIBODIES USEFUL IN PASSIVE INFLUENZA IMMUNIZATION, AND COMPOSITIONS, COMBINATIONS AND METHODS FOR USE THEREOF**  
[54] **ANTICORPS UTILES DANS L'IMMUNISATION PASSIVE CONTRE LA GRIPPE, ET COMPOSITIONS, COMBINAISONS ET LEURS METHODES D'UTILISATION**  
[72] ESTELLES, ANGELES, US  
[72] KAUVAR, LAWRENCE M., US  
[72] VIGIL, ADAM, US  
[72] WITTEKIND, MICHAEL, US  
[71] CONTRAFECT CORPORATION, US  
[71] TRELIS BIOSCIENCE, LLC, US  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/US2015/014521)  
[87] (WO2015/120097)  
[30] US (61/935,746) 2014-02-04  
[30] US (62/051,630) 2014-09-17

[21] **2,938,727**  
[13] A1

[51] **Int.Cl. B63B 35/44 (2006.01)**  
[25] EN  
[54] **METHOD OF MOORING FLOATING WIND TURBINE PLATFORMS**  
[54] **METHODE D'AMARRAGE DE PLATEFORMES DE TURBINE EOLIENNE FLOTTANTE**  
[72] DAGHER, HABIB J., US  
[72] VISELLI, ANTHONY M., US  
[72] HALKYARD, JOHN E., US  
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014752)  
[87] (WO2015/120229)  
[30] US (61/936,596) 2014-02-06

[21] **2,938,728**  
[13] A1

[51] **Int.Cl. A61K 31/4045 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 45/06 (2006.01) A61K 47/10 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR TOPICAL ADMINISTRATION**  
[54] **COMPOSITION PHARMACEUTIQUE A ADMINISTRER PAR VOIE TOPIQUE**  
[72] LIU, WAI LEUNG, GB  
[72] PURKINS, LYNN, GB  
[72] YEADON, MICHAEL, GB  
[71] ZIARCO PHARMA LIMITED, GB  
[85] 2016-08-03  
[86] 2015-02-04 (PCT/GB2015/050299)  
[87] (WO2015/118320)  
[30] GB (1401904.6) 2014-02-04

[21] **2,938,729**  
[13] A1

[51] **Int.Cl. F25B 49/02 (2006.01) F25B 5/00 (2006.01)**  
[25] EN  
[54] **REFRIGERATION SYSTEM WITH SEPARATE FEEDSTREAMS TO MULTIPLE EVAPORATOR ZONES**  
[54] **SYSTEME DE REFRIGERATION DOTE DE COURANTS D'ALIMENTATION SEPARES POUR MULTIPLIER LES ZONES DANS UN EVAPORATEUR**  
[72] SCHERER, JOHN S., US  
[71] PDX TECHNOLOGIES LLC, US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014767)  
[87] (WO2015/120241)  
[30] US (61/937,033) 2014-02-07  
[30] US (61/993,865) 2014-05-15  
[30] US (14/614,693) 2015-02-05

[21] **2,938,731**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING ALZHEIMER'S DISEASE**  
[54] **METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**  
[72] GRAHAM, ROBERT, US  
[71] GENENTECH, INC., US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014829)  
[87] (WO2015/120280)  
[30] US (61/937,472) 2014-02-08  
[30] US (61/971,499) 2014-03-27  
[30] US (62/010,265) 2014-06-10  
[30] US (62/082,013) 2014-11-19

[21] **2,938,733**  
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) C12N 9/24 (2006.01)**  
[25] EN  
[54] **ULTRAPURE HYPOALLERGENIC SOLUTIONS OF SACROSIDASE**  
[54] **SOLUTIONS HYPOALLERGENIQUES ULTRAPURES DE SACROSIDASE**  
[72] REARDAN, DAYTON T., US  
[72] SEEKAMP, CHRISTOPHER, US  
[71] QOL MEDICAL LLC, US  
[85] 2016-08-03  
[86] 2015-02-06 (PCT/US2015/014837)  
[87] (WO2015/120284)  
[30] US (14/175,263) 2014-02-07



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[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01)**  
 [25] EN  
 [54] **REUSABLE CLOSURE**  
 [54] **FERMETURE REUTILISABLE**  
 [72] LUZAICH, GREGORY JOHN, US  
 [71] PRESERVING TECHNOLOGIES CORPORATION, US  
 [85] 2016-08-03  
 [86] 2015-02-06 (PCT/US2015/014888)  
 [87] (WO2015/120313)  
 [30] US (61/965,804) 2014-02-06  
 [30] US (61/965,805) 2014-02-06  
 [30] US (61/966,564) 2014-02-25  
 [30] US (62/123,809) 2014-11-29  
 [30] US (14/615,340) 2015-02-05

[21] **2,938,735**

[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/36 (2006.01)**  
 [25] EN  
 [54] **INJECTOR ASSEMBLY**  
 [54] **ENSEMBLE INJECTEUR**  
 [72] DUNNE, STEPHEN, GB  
 [71] NEW INJECTION SYSTEMS LTD, GB  
 [85] 2016-08-03  
 [86] 2015-02-12 (PCT/GB2015/050393)  
 [87] (WO2015/121655)  
 [30] GB (1402423.6) 2014-02-12

[21] **2,938,736**

[13] A1

[51] **Int.Cl. G02C 3/00 (2006.01) G02B 5/30 (2006.01) G02C 7/12 (2006.01)**  
 [25] EN  
 [54] **WIRE GRID POLARIZER AND METHOD OF MANUFACTURE**  
 [54] **POLARISEUR A GRILLE DE FILS ET PROCEDE DE FABRICATION**  
 [72] BLACKER, RICHARD, US  
 [72] OLUND, DAVID, US  
 [71] VISION EASE, LP, US  
 [85] 2016-08-03  
 [86] 2015-02-06 (PCT/US2015/014920)  
 [87] (WO2015/120335)  
 [30] US (61/936,831) 2014-02-06

[21] **2,938,737**

[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
 [25] EN  
 [54] **SYSTEMS AND METHODS FOR PROVIDING CONTENT DISTRIBUTION INFORMATION AND VERIFICATION**  
 [54] **SYSTEMES ET PROCEDES DE FOURNITURE DE D'INFORMATIONS ET DE VERIFICATION DE DISTRIBUTION DE CONTENU**  
 [72] HABERMAN, SETH, US  
 [72] MARCUS, CLAUDIO, US  
 [71] VISIBLE WORLD, INC., US  
 [85] 2016-08-03  
 [86] 2015-02-09 (PCT/US2015/015045)  
 [87] (WO2015/120397)  
 [30] US (61/936,947) 2014-02-07

[21] **2,938,738**

[13] A1

[51] **Int.Cl. A62B 7/14 (2006.01) A62B 9/02 (2006.01) G05D 16/06 (2006.01) G05D 16/20 (2006.01)**  
 [25] EN  
 [54] **GAS PRESSURE REDUCER WITH ELECTRICALLY-POWERED MASTER SYSTEM**  
 [54] **DETENDEUR DE GAZ AVEC SYSTEME MAITRE A ALIMENTATION ELECTRIQUE**  
 [72] FROMAGE, MATTHIEU, FR  
 [71] ZODIAC AEROTECHNICS, FR  
 [85] 2016-08-03  
 [86] 2014-02-26 (PCT/IB2014/000372)  
 [87] (WO2015/128690)

[21] **2,938,740**

[13] A1

[51] **Int.Cl. C08F 210/16 (2006.01) C08F 4/6592 (2006.01)**  
 [25] EN  
 [54] **PRODUCING POLYOLEFIN PRODUCTS**  
 [54] **PRODUCTION DE PRODUITS DE POLYOLEFINES**  
 [72] RIX, FRANCIS C., US  
 [72] LUE, CHING-TAI, US  
 [72] HARLAN, C. JEFF, US  
 [71] MCCULLOUGH, LAUGHLIN G., US  
 [71] UNIVATION TECHNOLOGIES, LLC, US  
 [85] 2016-08-03  
 [86] 2015-02-10 (PCT/US2015/015125)  
 [87] (WO2015/123168)  
 [30] US (61/938,472) 2014-02-11  
 [30] US (61/938,466) 2014-02-11  
 [30] US (61/981,291) 2014-04-18  
 [30] US (61/985,151) 2014-04-28  
 [30] US (62/032,383) 2014-08-01  
 [30] US (62/087,905) 2014-12-05  
 [30] US (62/088,196) 2014-12-05  
 [30] US (62/087,911) 2014-12-05  
 [30] US (62/087,914) 2014-12-05

[21] **2,938,741**

[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61F 2/95 (2013.01) A61M 25/10 (2013.01)**  
 [25] EN  
 [54] **CATHETER TIP ASSEMBLED WITH A SPRING**  
 [54] **EMBOUT DE CATHETER ASSEMBLE AVEC UN RESSORT**  
 [72] RICHTER, JACOB, IL  
 [72] CHAPPEL, SHLOMIT, IL  
 [71] MEDINOL LTD., IL  
 [85] 2016-08-03  
 [86] 2014-02-03 (PCT/IB2014/000699)  
 [87] (WO2015/114398)

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[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **INCREASING STORAGE OF VITAMIN A, VITAMIN D AND/OR LIPIDS**

[54] **AUGMENTATION DU STOCKAGE DE VITAMINE A, DE VITAMINE D ET/OU DE LIPIDES**

[72] EVANS, RONALD M., US  
[72] DOWNES, MICHAEL, US  
[72] SHERMAN, MARA, US  
[72] DING, NING, US  
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[85] 2016-08-03  
[86] 2015-02-10 (PCT/US2015/015272)  
[87] (WO2015/120476)  
[30] US (61/938,056) 2014-02-10  
[30] US (62/000,495) 2014-05-19

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[21] **2,938,744**  
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 76/02 (2009.01) H04B 7/26 (2006.01)**

[25] EN

[54] **IMPROVED METHOD FOR THE TRANSFER OF RADIO CAPABILITY INFORMATION**

[54] **PROCEDE AMELIORE POUR LE TRANSFERT D'INFORMATIONS DE CAPACITE RADIO**

[72] ZAUS, ROBERT, DE  
[72] ROESSEL, SABINE, DE  
[72] RAAF, BENHARD, DE  
[72] ELLENBECK, JAN, DE  
[72] CHOI, HYUNG-NAM, DE  
[71] INTEL IP CORPORATION, US  
[85] 2016-08-03  
[86] 2015-02-12 (PCT/US2015/015620)  
[87] (WO2015/138079)  
[30] US (61/952,750) 2014-03-13  
[30] US (14/582,996) 2014-12-24

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[13] A1

[51] **Int.Cl. E01C 1/00 (2006.01) E01C 3/00 (2006.01)**

[25] FR

[54] **ROAD-WIDENING STRUCTURE**

[54] **STRUCTURE D'ELARGISSEMENT DE VOIE**

[72] BOUTILLIER, BENOIT, FR  
[72] CONSTANT, STEPHANE, FR  
[72] LAMBERT, CYRIL, FR  
[71] TECHNOLOGIE ALPINE DE SECURITE-TAS, FR  
[85] 2016-08-03  
[86] 2015-02-13 (PCT/FR2015/050358)  
[87] (WO2015/124852)  
[30] FR (14/51359) 2014-02-20

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[21] **2,938,746**  
[13] A1

[51] **Int.Cl. G01R 33/04 (2006.01) B60L 11/12 (2006.01) G01R 31/34 (2006.01) H02P 21/14 (2016.01) H02P 23/14 (2006.01) H02P 25/02 (2016.01) H02P 29/02 (2016.01)**

[25] FR

[54] **METHOD FOR MEASURING THE AGEING OF PERMANENT MAGNETS OF A SYNCHRONOUS MACHINE FITTED WITH AN ANGULAR POSITION SENSOR**

[54] **PROCEDE DE MESURE DU VIEILLISSEMENT D'AIMANTS PERMANENTS D'UNE MACHINE SYNCHRONE EQUIPEE D'UN CAPTEUR DE POSITION ANGULAIRE**

[72] DUMAS, PIERRE, FR  
[71] LOHR ELECTROMECHANIQUE, FR  
[85] 2016-08-03  
[86] 2015-02-20 (PCT/FR2015/050414)  
[87] (WO2015/124876)  
[30] FR (1451452) 2014-02-24

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[21] **2,938,747**  
[13] A1

[51] **Int.Cl. D21H 17/16 (2006.01) D21H 17/17 (2006.01) D21H 17/24 (2006.01) D21H 17/31 (2006.01) D21H 21/16 (2006.01)**

[25] EN

[54] **A STABILIZED SIZING FORMULATION**

[54] **FORMULATION D'ENCOLLAGE STABILISEE**

[72] STRENGELL, REETTA, FI  
[72] LINDFORS, JUHA, FI  
[72] HYVARINEN, SARI, FI  
[72] VUOTI, SAULI, FI  
[71] KEMIRA OYJ, FI  
[85] 2016-08-04  
[86] 2015-02-06 (PCT/FI2015/050075)  
[87] (WO2015/118227)  
[30] FI (20145117) 2014-02-06

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[21] **2,938,748**  
[13] A1

[51] **Int.Cl. D21H 17/16 (2006.01) D21H 17/17 (2006.01) D21H 17/24 (2006.01) D21H 17/31 (2006.01) D21H 21/16 (2006.01)**

[25] EN

[54] **A STABILIZED SIZING FORMULATION**

[54] **FORMULATION D'ENCOLLAGE STABILISEE**

[72] STRENGELL, REETTA, FI  
[72] LINDFORS, JUHA, FI  
[72] HYVARINEN, SARI, FI  
[72] VUOTI, SAULI, FI  
[71] KEMIRA OYJ, FI  
[85] 2016-08-04  
[86] 2015-02-06 (PCT/FI2015/050076)  
[87] (WO2015/118228)  
[30] FI (20145118) 2014-02-06

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[21] **2,938,753**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 92/18 (2009.01)**  
[25] EN  
[54] **METHOD FOR PERFORMING WI-FI DISPLAY SERVICE AND DEVICE FOR SAME**  
[54] **PROCEDE DE REALISATION D'UN SERVICE D'AFFICHAGE PAR WI-FI ET DISPOSITIF A CET EFFET**  
[72] LEE, BYUNGJOO, KR  
[72] PARK, GIWON, KR  
[72] KIM, DONGCHEOL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2016-08-03  
[86] 2014-05-14 (PCT/KR2014/004312)  
[87] (WO2015/119337)  
[30] US (61/936,332) 2014-02-06

[21] **2,938,760**  
[13] A1

[51] **Int.Cl. B26D 1/157 (2006.01) B26D 7/32 (2006.01)**  
[25] EN  
[54] **INTERLEAVING PAPER**  
[54] **PAPIER DE SEPARATION**  
[72] HORBERG, WINFRIED, DE  
[72] BOCHTLER, ALOIS, DE  
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE  
[85] 2016-08-04  
[86] 2015-02-10 (PCT/EP2015/052755)  
[87] (WO2015/121251)  
[30] DE (10 2014 202 525.7) 2014-02-12

[21] **2,938,761**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **APPARATUS, KITS AND METHODS FOR THE PREDICTION OF ONSET OF SEPSIS**  
[54] **APPAREIL, KITS ET METHODES DE PREDICTION DE L'APPARITION DE LA SEPSIS**  
[72] SPENCER, PHILLIPPA MARIA, GB  
[72] LUKASZEWSKI, ROMAN ANTONI, GB  
[72] CRADDOCK, LAURA, GB  
[72] JONES, HELEN ELERI, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2016-08-04  
[86] 2015-01-09 (PCT/GB2015/000004)  
[87] (WO2015/121605)  
[30] GB (1402293.3) 2014-02-11

[21] **2,938,762**  
[13] A1

[51] **Int.Cl. C07D 265/36 (2006.01) A61K 31/538 (2006.01) A61P 3/10 (2006.01) C07D 215/04 (2006.01)**  
[25] EN  
[54] **COMPOUND BINDING TO PPARG BUT NOT ACTING AS PROMOTER AND PHARMACEUTICAL COMPOSITION FOR TREATING PPARG-RELATED DISEASES CONTAINING THE SAME AS ACTIVE INGREDIENT**  
[54] **COMPOSE SE LIANT AU PPARG MAIS N'AGISSANT PAS COMME PROMOTEUR ET COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE MALADIES ASSOCIEES AU PPARG CONTENANT CELUI-CI UTILISE COMME PRINCIPE ACTIF**  
[72] LEE, IN HEE, KR  
[72] CHAE, HEE IL, KR  
[72] KIM, SE HOAN, KR  
[72] MOON, SOON YOUNG, KR  
[72] HA, TAE YOUNG, KR  
[72] CHOI, HYO SUN, KR  
[72] KIM, YOUNG SEOK, KR  
[72] KIM, CHUN HWA, KR  
[72] RHEE, JAE KEOL, KR  
[71] HYUNDAI PHARM CO., LTD., KR  
[85] 2016-08-03  
[86] 2015-02-27 (PCT/KR2015/001941)  
[87] (WO2015/141958)  
[30] KR (10-2014-0033041) 2014-03-20

[21] **2,938,763**  
[13] A1

[51] **Int.Cl. F04C 2/107 (2006.01) F01C 1/107 (2006.01) F04C 13/00 (2006.01)**  
[25] EN  
[54] **GRAPHENE ENHANCED ELASTOMERIC STATOR**  
[54] **STATOR ELASTOMERE AMELIORE PAR INCORPORATION DE GRAPHENE**  
[72] SICILIAN, JOSHUA ALAN, US  
[71] REME TECHNOLOGIES, LLC, US  
[85] 2016-08-03  
[86] 2015-02-18 (PCT/US2015/016397)  
[87] (WO2015/126955)  
[30] US (61/941,269) 2014-02-18

[21] **2,938,766**  
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**  
[25] EN  
[54] **METHOD OF IDENTIFYING ANOMALIES**  
[54] **PROCEDE D'IDENTIFICATION D'ANOMALIES**  
[72] GREEN, DONNA LOUISE, GB  
[72] LARDER, BRIAN DAVID, GB  
[72] KNIGHT, PETER ROBIN, GB  
[72] THUONG, OLIVIER, GB  
[71] GE AVIATION SYSTEMS LIMITED, GB  
[85] 2016-08-04  
[86] 2015-02-06 (PCT/EP2015/052559)  
[87] (WO2015/121176)  
[30] GB (1402343.6) 2014-02-11

[21] **2,938,767**  
[13] A1

[51] **Int.Cl. A61K 35/52 (2015.01)**  
[25] EN  
[54] **ANTIBODY FOR SKEWING SEX RATIO AND METHODS OF USE THEREOF**  
[54] **ANTICORPS PERMETTANT D'AVOIR UNE INFLUENCE SUR LA PROPORTION DES SEXES ET SES PROCEDES D'UTILISATION**  
[72] EDWARDS, J. LANNETT, US  
[72] RISPOLI, LOUISA A., US  
[72] SCHRICK, F. NEAL, US  
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US  
[85] 2016-08-03  
[86] 2015-02-19 (PCT/US2015/016589)  
[87] (WO2015/127055)  
[30] US (61/942,020) 2014-02-19  
[30] US (62/065,797) 2014-10-20

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[21] **2,938,768**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **GEOGRAPHICALLY-DISTRIBUTED FILE SYSTEM USING COORDINATED NAMESPACE REPLICATION**  
[54] **SYSTEME DE FICHIERS DISTRIBUES GEOGRAPHIQUEMENT AU MOYEN D'UNE REPLICATION D'ESPACE DE NOMMAGE COORDONNEE**  
[72] SHVACHKO, KONSTANTIN V., US  
[72] AAHLAD, YETURU, US  
[72] SUNDAR, JAGANE, US  
[72] JELIAZKOV, PLAMEN JELIAZKOV, US  
[71] WANDISCO, INC., US  
[85] 2016-08-03  
[86] 2015-03-04 (PCT/US2015/018680)  
[87] (WO2015/153045)  
[30] US (14/231,311) 2014-03-31

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[21] **2,938,769**  
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01) H04W 48/08 (2009.01) H04W 88/08 (2009.01)**  
[25] EN  
[54] **ENHANCED NODE B, UE AND METHOD FOR SELECTING CELL DISCOVERY SIGNALS IN LTE NETWORKS**  
[54] **N<sup>o</sup>UD AMELIORE B, UE ET PROCEDE DE SELECTION DE SIGNAUX DE DECOUVERTE DE CELLULES DANS DES RESEAUX LTE**  
[72] HAN, SEUNGHEE, US  
[72] CHEN, XIAOGANG, CN  
[72] DAVYDOV, ALEXEI, RU  
[71] INTEL IP CORPORATION, US  
[85] 2016-08-03  
[86] 2015-03-10 (PCT/US2015/019655)  
[87] (WO2015/138418)  
[30] US (61/953,639) 2014-03-14  
[30] US (61/968,278) 2014-03-20  
[30] US (14/583,281) 2014-12-26

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[21] **2,938,771**  
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 47/24 (2006.01)**  
[25] EN  
[54] **EMULSIFIABLE CONCENTRATE COMPRISING PESTICIDE, FATTY AMIDE AND LACTAMIDE**  
[54] **CONCENTRAT EMULSIONNABLE RENFERMANT UN PESTICIDE, DE L'AMIDE GRAS ET DU LACTAMIDE**  
[72] MERTOGLU, MURAT, BR  
[72] BECHTEL, STEFAN, DE  
[72] ANNAWALD, NATASCHA, DE  
[72] ANNAWALD, MARCUS, DE  
[71] BASF AGRO B.V., NL  
[85] 2016-08-04  
[86] 2015-02-10 (PCT/EP2015/052695)  
[87] (WO2015/121219)  
[30] EP (14155251.3) 2014-02-14

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[21] **2,938,772**  
[13] A1

[51] **Int.Cl. G01N 21/552 (2014.01) G01N 33/49 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RAPID MALARIA DETECTION**  
[54] **PROCEDE ET SYSTEME POUR LA DETECTION RAPIDE DE LA MALARIA**  
[72] WOOD, BAYDEN ROBERT, AU  
[72] KHOSHMANESH, AAZAM, AU  
[72] DIXON, MATTHEW, AU  
[72] TILLEY, LEANN, AU  
[72] MCNAUGHTON, DONALD, AU  
[71] UNIVERSITY OF MELBOURNE, AU  
[71] MONASH UNIVERSITY, AU  
[85] 2016-08-04  
[86] 2014-02-05 (PCT/AU2014/000080)  
[87] (WO2015/117178)

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[21] **2,938,773**  
[13] A1

[51] **Int.Cl. G11B 20/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ENABLING INTERACTION WITH MULTI-CHANNEL MEDIA FILES**  
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE INTERACTION AVEC DES FICHIERS MULTIMEDIA MULTI-CANAL**  
[72] GORDON, LUKE, AU  
[72] HAVRYLIV, MARK, AU  
[71] SCORE ADDICTION PTY LTD, AU  
[85] 2016-08-04  
[86] 2014-02-07 (PCT/AU2014/000094)  
[87] (WO2014/121336)  
[30] AU (2013900387) 2013-02-07

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[21] **2,938,776**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 48/00 (2006.01) C07H 21/02 (2006.01)**  
[25] EN  
[54] **APTAMER CONSTRUCT**  
[54] **CONSTRUCTION D'APTAMERE**  
[72] DUAN, WEI, AU  
[71] DEAKIN UNIVERSITY, AU  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/AU2015/050039)  
[87] (WO2015/117201)  
[30] AU (2014900347) 2014-02-05

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[21] **2,938,779**  
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING SYNTHESIS GAS**  
[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE**  
[72] AASBERG-PETERSEN, KIM, DK  
[72] DYBKJAER, IB, DK  
[71] HALDOR TOPSOE A/S, DK  
[85] 2016-08-04  
[86] 2015-02-27 (PCT/EP2015/054120)  
[87] (WO2015/128456)  
[30] DK (PA 2014 70094) 2014-02-28  
[30] DK (PA 2014 00263) 2014-05-14

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[51] <b>Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01)</b>	[51] <b>Int.Cl. C23F 1/02 (2006.01) B82Y 40/00 (2011.01) C23F 1/12 (2006.01) G01Q 70/16 (2010.01)</b>	[51] <b>Int.Cl. A61L 2/20 (2006.01) A61L 2/16 (2006.01) C01B 13/10 (2006.01) D06M 11/34 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>METHOD AND SYSTEM FOR DETERMINING THAT A SIM AND A SIP CLIENT ARE CO-LOCATED IN THE SAME MOBILE EQUIPMENT</b>	[54] <b>METHOD OF FABRICATING NANO-SCALE STRUCTURES AND NANO-SCALE STRUCTURES FABRICATED USING THE METHOD</b>	[54] <b>AN OZONE CLEANING SYSTEM AND METHOD OF OPERATING SAME</b>
[54] <b>PROCEDE ET SYSTEME POUR DETERMINER QU'UNE CARTE SIM ET UN CLIENT SIP SONT CO-IMPLANTES DANS LE MEME EQUIPEMENT MOBILE</b>	[54] <b>PROCEDE DE FABRICATION DE STRUCTURES A ECHELLE NANOMETRIQUE ET STRUCTURES A ECHELLE NANOMETRIQUE FABRIQUEES SELON LEDIT PROCEDE</b>	[54] <b>SYSTEME DE NETTOYAGE A L'OZONE ET SON PROCEDE DE FONCTIONNEMENT</b>
[72] FALLER, TORBJORN, NO	[72] DEY, RIPON KUMAR, CA	[72] BOIN, LUCIANO, CA
[72] ROSOK, ROLF, NO	[72] CUI, BO, CA	[72] BARUCO, SAMUEL, CA
[71] IPCO AS, NO	[71] DEY, RIPON KUMAR, CA	[72] MITCHELL, J.R. SCOTT, CA
[85] 2016-08-04	[71] CUI, BO, CA	[71] MAGNA CLOSURES INC., CA
[86] 2015-02-10 (PCT/EP2015/052782)	[85] 2016-08-04	[85] 2016-08-04
[87] (WO2015/121263)	[86] 2014-04-09 (PCT/CA2014/050363)	[86] 2015-02-10 (PCT/CA2015/000072)
[30] NO (20140180) 2014-02-12	[87] (WO2014/169383)	[87] (WO2015/117233)
	[30] US (61/854,110) 2013-04-18	[30] US (61/937,948) 2014-02-10
		[30] US (62/076,052) 2014-11-06
[21] <b>2,938,782</b> [13] A1	[21] <b>2,938,785</b> [13] A1	[21] <b>2,938,787</b> [13] A1
[51] <b>Int.Cl. C09D 133/06 (2006.01) C08L 33/06 (2006.01) C09D 4/00 (2006.01)</b>	[51] <b>Int.Cl. C01B 33/193 (2006.01) C04B 14/04 (2006.01) C08K 3/36 (2006.01) C09C 1/28 (2006.01)</b>	[51] <b>Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>ACRYLIC RESINS AND POWDER COATING COMPOSITIONS AND POWDER COATED SUBSTRATES INCLUDING THE SAME</b>	[54] <b>PROCESS FOR THE PREPARATION OF PRECIPITATED SILICAS, PRECIPITATED SILICAS AND THEIR USES, IN PARTICULAR FOR THE REINFORCEMENT OF POLYMERS</b>	[54] <b>SEMI DISPOSABLE AUTO INJECTOR</b>
[54] <b>RESINES ACRYLIQUES ET COMPOSITIONS DE REVETEMENT PULVERULENTES ET SUBSTRATS POURVUS D'UN REVETEMENT PULVERULENT LES CONTENANT</b>	[54] <b>PROCEDE DE PREPARATION DE SILICES PRECIPITEES, SILICES PRECIPITEES ET LEURS UTILISATIONS, EN PARTICULIER POUR LE RENFORCEMENT DE POLYMERES</b>	[54] <b>AUTO-INJECTEUR SEMI-JETABLE</b>
[72] LARSON, GARY ROBERT, US	[72] BOIVIN, CEDRIC, FR	[72] ZUCKER, MENACHEM, IL
[72] WILHELM, JUSTIN E., US	[72] GUY, LAURENT, FR	[72] RADAY, LIOR, IL
[72] CINOMAN, DOUGLAS S., US	[72] PERIN, ERIC, FR	[72] DAILY, DAVID, IL
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL	[72] LAMIRI, KILANI, FR	[71] E3D AGRICULTURAL COOPERATIVE ASSOCIATION LTD, IL
[85] 2016-08-04	[71] RHODIA OPERATIONS, FR	[85] 2016-08-04
[86] 2015-02-25 (PCT/EP2015/053903)	[85] 2016-08-04	[86] 2015-02-10 (PCT/IL2015/050155)
[87] (WO2015/128361)	[86] 2015-02-12 (PCT/EP2015/052916)	[87] (WO2015/118550)
[30] US (61/945,523) 2014-02-27	[87] (WO2015/121329)	[30] US (61/937,681) 2014-02-10
[30] EP (14163894.0) 2014-04-08	[30] EP (14305195.1) 2014-02-14	
	[30] EP (14305483.1) 2014-04-02	
		[21] <b>2,938,788</b> [13] A1
		[51] <b>Int.Cl. A61B 1/005 (2006.01) A61B 1/008 (2006.01) A61B 1/01 (2006.01) A61B 17/29 (2006.01) A61B 17/94 (2006.01)</b>
		[25] EN
		[54] <b>STEERABLE MEDICAL DEVICE</b>
		[54] <b>DISPOSITIF MEDICAL ORIENTABLE</b>
		[72] SHOLEV, MORDEHAI, IL
		[72] BLYAKHMAN, YUVAL, IL
		[71] HUMAN EXTENSIONS LTD., IL
		[85] 2016-08-04
		[86] 2015-03-31 (PCT/IL2015/050342)
		[87] (WO2015/151093)
		[30] US (61/972,518) 2014-03-31

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[21] **2,938,789**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 1/273 (2006.01) A61B 7/00 (2006.01)**

[25] EN

[54] **TECHNIQUE FOR DETERMINING A SWALLOWING DEFICIENCY**

[54] **TECHNIQUE DE DETERMINATION D'UNE DEFICIENCE DE LA DEGLUTITION**

[72] JEDWAB, MICHAEL, CH  
[72] BURBIDGE, ADAM, CH  
[71] NESTEC S.A., CH  
[85] 2016-08-04  
[86] 2015-03-19 (PCT/EP2015/055740)  
[87] (WO2015/154960)  
[30] EP (14164002.9) 2014-04-09

[21] **2,938,790**  
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 8/99 (2006.01) A61K 9/00 (2006.01) A61K 36/06 (2006.01) A61P 3/04 (2006.01)**

[25] FR

[54] **USE OF COMPOSITIONS COMPRISING BIFIDOBACTERIUM ANIMALIS SSP. LACTIS LMG P-28149**

[54] **COMPOSITION COMPRENANT DU BIFIDOBACTERIUM ANIMALIS SSP. LACTIS**

[72] QUINTENS, JOHAN, BE  
[72] LIENART VAN LIDTH DE JEUDE, JEHAN, LU  
[72] GRANGETTE, CORINNE, LU  
[72] POT, BRUNO, BE  
[72] MAKKI, KASSEM, FR  
[72] WOLOWCZUK, ISABELLE, FR  
[72] ALARD, JEANNE, FR  
[72] LEHRTER-VALENTI, VERONIQUE, FR  
[71] VESALE PHARMA SA, BE  
[85] 2016-08-04  
[86] 2015-02-13 (PCT/EP2015/053166)  
[87] (WO2015/121458)  
[30] BE (BE2014/0101) 2014-02-14  
[30] BE (BE2014/0292) 2014-04-25  
[30] FR (1453775) 2014-04-25

[21] **2,938,793**  
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **FGF-18 COMPOUND DOSING REGIMEN**

[54] **SCHEMA POSOLOGIQUE DE COMPOSE DE FGF-18**

[72] LADEL, CHRISTOPH H., DE  
[72] GUEHRING, HANS, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2016-08-04  
[86] 2015-02-20 (PCT/EP2015/053631)  
[87] (WO2015/124731)  
[30] EP (14000600.8) 2014-02-20

[21] **2,938,795**  
[13] A1

[51] **Int.Cl. A61L 27/36 (2006.01)**

[25] EN

[54] **FGF-18 IN GRAFT TRANSPLANTATION AND TISSUE ENGINEERING PROCEDURES**

[54] **UTILISATION DU FGF-18 DANS DES PROCEDURES DE TRANSPLANTATION DE GREFFON ET DE GENIE TISSULAIRE**

[72] LADEL, CHRISTOPH H., DE  
[72] GUEHRING, HANS, DE  
[72] GIGOUT, ANNE, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2016-08-04  
[86] 2015-02-20 (PCT/EP2015/053639)  
[87] (WO2015/124735)  
[30] EP (14000599.2) 2014-02-20

[21] **2,938,796**  
[13] A1

[51] **Int.Cl. A61L 27/54 (2006.01) A61L 27/24 (2006.01) A61L 27/26 (2006.01)**

[25] EN

[54] **IMPLANT COMPRISING FGF-18**

[54] **IMPLANT COMPRENANT UN FGF-18**

[72] LADEL, CHRISTOPH H., DE  
[72] GUEHRING, HANS, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2016-08-04  
[86] 2015-02-20 (PCT/EP2015/053645)  
[87] (WO2015/124739)  
[30] EP (14000598.4) 2014-02-20

[21] **2,938,798**  
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) B29C 65/54 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING A ROTOR BLADE OF A WIND POWER PLANT, ROTOR BLADE AND WIND POWER PLANT**

[54] **PROCEDE SERVANT A FABRIQUER UNE PALE DE ROTOR D'UNE EOLIENNE, PALE DE ROTOR ET EOLIENNE**

[72] BENDEL, URS, DE  
[72] EYB, ENNO, DE  
[72] RICHERS, TILMAN, DE  
[72] FLACH, CHRISTIAN, DE  
[72] MESTER, HENDRIK, DE  
[71] SENVION GMBH, DE  
[85] 2016-08-04  
[86] 2015-02-26 (PCT/EP2015/053976)  
[87] (WO2015/132115)  
[30] DE (10 2014 203 936.3) 2014-03-04

[21] **2,938,799**  
[13] A1

[51] **Int.Cl. C07F 5/02 (2006.01)**

[25] EN

[54] **MICROBIOCIDALLY ACTIVE BENZOXABOROLES**

[54] **BENZOXABOROLES A EFFET MICROBIOCIDE**

[72] RAJAN, RAMYA, IN  
[72] STIERLI, DANIEL, CH  
[72] BEAUDEGNIES, RENAUD, CH  
[71] SYNGENTA PATICIPATIONS AG, CH  
[85] 2016-08-04  
[86] 2015-02-13 (PCT/EP2015/053149)  
[87] (WO2015/121442)  
[30] IN (448/DEL/2014) 2014-02-17

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[21] **2,938,801**  
[13] A1

[51] **Int.Cl. B65D 47/18 (2006.01) B65D 47/20 (2006.01)**

[25] FR

[54] **DEVICE FOR PACKAGING AND DISPENSING A PRODUCT HAVING A DOSING NOZZLE**

[54] **DISPOSITIF DE CONDITIONNEMENT ET DISTRIBUTION D'UN PRODUIT AVEC EMBOUT DOSEUR**

[72] POZZI, JACQUES, FR

[71] SIVEL, FR

[71] HORUS PHARMA, FR

[85] 2016-08-04

[86] 2015-02-11 (PCT/FR2015/050330)

[87] (WO2015/124844)

[30] US (14/185,139) 2014-02-20

[30] FR (1452900) 2014-04-02

[21] **2,938,802**  
[13] A1

[51] **Int.Cl. F28D 9/00 (2006.01) F25B 37/00 (2006.01) F28F 9/02 (2006.01)**

[25] EN

[54] **PLATE APPARATUS SUITABLE FOR HEAT AND/OR MATERIAL EXCHANGE**

[54] **APPAREIL A PLAQUES ADAPTE A L'ECHANGE DE CHALEUR ET/OU DE SUBSTANCES**

[72] WAGNER, VOLKER, DE

[72] MERKEL, NINA, DE

[72] SCHABER, KARLHEINZ, DE

[71] API SCHMIDT-BRETTEN GMBH & CO. KG, DE

[85] 2016-08-04

[86] 2015-02-05 (PCT/EP2015/000236)

[87] (WO2015/117759)

[30] DE (10 2014 001 499.1) 2014-02-06

[21] **2,938,805**  
[13] A1

[51] **Int.Cl. H01F 27/28 (2006.01) G01N 25/72 (2006.01) H01F 37/00 (2006.01) H01F 38/00 (2006.01)**

[25] EN

[54] **INDUCTOR**

[54] **INDUCTEUR**

[72] ROTHENFUSSER, MAX, DE

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2016-08-04

[86] 2015-01-21 (PCT/EP2015/051091)

[87] (WO2015/117820)

[30] DE (10 2014 202 128.6) 2014-02-06

[21] **2,938,806**  
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 47/24 (2006.01)**

[25] EN

[54] **EMULSIFIABLE CONCENTRATE COMPRISING PESTICIDE, ALKYL LACTATE, AND LACTAMIDE**

[54] **CONCENTRE EMULSIONNABLE COMPRENANT UN PESTICIDE, UN LACTATE D'ALKYLE ET UN LACTAMIDE**

[72] MERTOGLU, MURAT, DE

[72] BECHTEL, STEFAN, DE

[72] ANNAWALD, NATASCHA, DE

[72] ANNAWALD, MARCUS, DE

[72] WALTHER, TANJA, DE

[71] BASF AGRO B.V., NL

[85] 2016-08-04

[86] 2015-02-04 (PCT/EP2015/052256)

[87] (WO2015/121119)

[30] EP (14155255.4) 2014-02-14

[21] **2,938,807**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **MOLECULAR DIAGNOSTIC TEST FOR PREDICTING RESPONSE TO ANTI-ANGIOGENIC DRUGS AND PROGNOSIS OF CANCER**

[54] **TEST DE DIAGNOSTIC MOLECULAIRE POUR PREDIRE UNE REPOSE A DES MEDICAMENTS ANTI-ANGIOGENIQUES ET PRONOSTIC DU CANCER**

[72] HARKIN, DENIS PAUL, GB

[72] KENNEDY, RICHARD, GB

[72] KEATING, KATHERINE E., GB

[72] MCCAVIGAN, ANDRENA, GB

[72] HILL, LAURA A., GB

[72] DEHARO, STEVE, GB

[72] DAVISON, TIMOTHY, GB

[72] PATTERSON, FIONNUALA, GB

[72] DONEGAN, SINEAD, GB

[72] JELLEMA, GERA, GB

[72] GOURLEY, CHARLIE, GB

[71] ALMAC DIAGNOSTICS LIMITED, GB

[85] 2016-08-04

[86] 2015-02-09 (PCT/GB2015/050352)

[87] (WO2015/118353)

[30] US (61/937,224) 2014-02-07

[30] GB (1409479.1) 2014-05-28

[21] **2,938,809**  
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR DETECTING MALIGNANT NEOPLASTIC DISEASE**

[54] **COMPOSITION ET PROCEDE POUR DETECTER UNE MALADIE NEOPLASIQUE MALIGNNE**

[72] OHRVIK, ANDERS, SE

[72] LEVIN, OLLE, SE

[71] FUJIREBIO DIAGNOSTICS AB, SE

[85] 2016-08-04

[86] 2015-02-04 (PCT/EP2015/052325)

[87] (WO2015/118023)

[30] SE (1400058-2) 2014-02-05

[21] **2,938,810**  
[13] A1

[51] **Int.Cl. F41H 5/04 (2006.01)**

[25] EN

[54] **BALLISTIC RESISTANT ARTICLES COMPRISING TAPES**

[54] **ARTICLES A RESISTANCE BALISTIQUE COMPRENANT DES BANDES**

[72] VAN DER EEM, JORIS, NL

[72] HARINGS, JULES, NL

[72] JANSE, GERARDUS, NL

[72] TJADEN, HENDRIK, NL

[71] TEIJN ARAMID B.V., NL

[85] 2016-08-04

[86] 2015-02-05 (PCT/EP2015/052362)

[87] (WO2015/118043)

[30] EP (14154460.1) 2014-02-10

[21] **2,938,811**  
[13] A1

[51] **Int.Cl. B41F 11/02 (2006.01) B41F 5/18 (2006.01) B41F 31/18 (2006.01) B41M 3/14 (2006.01)**

[25] EN

[54] **LETTERPRESS PRINTING PRESS, IN PARTICULAR NUMBERING PRESS**

[54] **PRESSE D'IMPRESSION TYPOGRAPHIQUE, EN PARTICULIER PRESSE A NUMEROTER**

[72] SCHAEDE, JOHANNES GEORG, DE

[71] KBA-NOTASYS SA, CH

[85] 2016-08-04

[86] 2015-02-03 (PCT/IB2015/050817)

[87] (WO2015/118447)

[30] EP (14153895.9) 2014-02-04

[30] EP (14177949.6) 2014-07-22

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[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/32 (2006.01)**  
[25] EN  
[54] **A SYSTEM FOR COMPARISON AND MERGING OF VERSIONS IN EDITED WEBSITES AND INTERACTIVE APPLICATIONS**  
[54] **SYSTEME DE COMPARAISON ET DE FUSION DE VERSIONS DANS DES SITES WEB ET APPLICATIONS INTERACTIVES MODIFIES**  
[72] GOLDSTEIN, YUVAL, IL  
[72] KAUFMAN, AMIT, IL  
[72] HOLLANDER, OREN, IL  
[72] BEN-AHARON, RONI, IL  
[71] WIX.COM LTD., IL  
[85] 2016-08-04  
[86] 2015-02-11 (PCT/IB2015/051025)  
[87] (WO2015/121805)  
[30] US (61/938,166) 2014-02-11  
[30] US (61/985,489) 2014-04-29

[21] **2,938,813**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **A SYSTEM FOR SYNCHRONIZATION OF CHANGES IN EDITED WEBSITES AND INTERACTIVE APPLICATIONS**  
[54] **SYSTEME DE SYNCHRONISATION DE CHANGEMENTS DANS DES SITES WEB ET APPLICATIONS INTERACTIVES MODIFIES**  
[72] GOLDSTEIN, YUVAL, IL  
[72] KAUFMAN, AMIT, IL  
[72] HOLLANDER, OREN, IL  
[71] WIX.COM LTD., IL  
[85] 2016-08-04  
[86] 2015-02-11 (PCT/IB2015/051037)  
[87] (WO2015/121813)  
[30] US (61/938,166) 2014-02-11

[21] **2,938,815**  
[13] A1

[51] **Int.Cl. B23B 51/00 (2006.01)**  
[25] EN  
[54] **DRILL AND METHOD OF DRILLING A HOLE**  
[54] **MECHE ET PROCEDE DE PERCAGE**  
[72] OGURI, HIDEKI, JP  
[71] UTSUNOMIYA SEISAKUSHO CO., LTD., JP  
[71] KURITAKOKI CO., LTD., JP  
[85] 2016-08-04  
[86] 2014-02-10 (PCT/JP2014/053031)  
[87] (WO2015/118684)

[21] **2,938,816**  
[13] A1

[51] **Int.Cl. G01N 1/04 (2006.01) G01N 1/28 (2006.01)**  
[25] EN  
[54] **SAMPLING LOCATION DISPLAYING APPARATUS AND SAMPLING METHOD**  
[54] **DISPOSITIF D'AFFICHAGE DE POSITION D'ECHANTILLONNAGE ET PROCEDE D'ECHANTILLONNAGE**  
[72] NITTA, AKIRA, JP  
[72] ONISHI, MICHIAKI, JP  
[72] TOMIOKA, KENICHI, JP  
[72] TSUTSUI, TOMOHIRO, JP  
[72] TAKAGI, MAKOTO, JP  
[71] MITSUBISHI MATERIALS CORPORATION, JP  
[85] 2016-08-04  
[86] 2014-06-16 (PCT/JP2014/065867)  
[87] (WO2015/151301)  
[30] JP (2014-071988) 2014-03-31

[21] **2,938,817**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/00 (2006.01) C12N 15/09 (2006.01)**  
[25] EN  
[54] **NUCLEIC ACID DETECTION OR QUANTIFICATION METHOD USING MASK OLIGONUCLEOTIDE, AND DEVICE FOR SAME**  
[54] **DETECTION D'ACIDE NUCLEIQUE ET METHODE DE DOSAGE FAISANT APPEL A UN OLIGONUCLEOTIDE FORMANT UN MASQUE, ET DISPOSITIF ASSOCIE**  
[72] SUGIMOTO, NORIHIKO, JP  
[72] EDA, SOUJI, JP  
[72] ASAKURA, MASAHIRO, JP  
[72] ABE, KANAKO, JP  
[72] UEHARA, HIROTSUGU, JP  
[72] KAMEI, KAZUMASA, JP  
[72] UESAKA, YOSHIHIKO, JP  
[72] OKU, YUICHI, JP  
[72] SHIBAHARA, YUSUKE, JP  
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP  
[85] 2016-08-04  
[86] 2015-01-29 (PCT/JP2015/052501)  
[87] (WO2015/119035)  
[30] JP (2014-020183) 2014-02-05

[21] **2,938,818**  
[13] A1

[51] **Int.Cl. A61K 31/497 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **MEDICINAL COMPOSITION COMPRISING DIAMINO HETEROCYCLIC CARBOXAMIDE COMPOUND AS ACTIVE INGREDIENT**  
[54] **COMPOSITION MEDICINALE COMPRENANT UN COMPOSE DE CARBOXAMIDE HETEROCYCLIQUE DIAMINO EN TANT QU'AGENT ACTIF**  
[72] EGUCHI, TOMOHIRO, JP  
[72] MORI, MASAMICHI, JP  
[72] YAMAKI, YOKO, JP  
[71] ASTELLAS PHARMA INC., JP  
[85] 2016-08-04  
[86] 2015-02-03 (PCT/JP2015/053018)  
[87] (WO2015/119122)  
[30] JP (2014-019226) 2014-02-04



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[21] **2,938,819**  
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 9/00 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01) C07K 14/47 (2006.01) C12P 21/08 (2006.01)**

[25] EN  
[54] **ANTIBODY AGAINST MUCIN 4 (MUC4) GLYCOPEPTIDE AND USE THEREOF**  
[54] **ANTICORPS CONTRE UN GLYCOPEPTIDE DE MUCINE 4 (MUC 4) ET SON UTILISATION**

[72] NISHIMURA, SHINICHIRO, JP  
[72] MIYOSHI, RISHO, JP  
[72] NARUCHI, KENTARO, JP  
[72] TANAKA, MASAKAZU, JP  
[71] MEDICINAL CHEMISTRY PHARMACEUTICALS, CO., LTD., JP  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/JP2015/053175)  
[87] (WO2015/119180)  
[30] JP (2014-020869) 2014-02-06

[21] **2,938,820**  
[13] A1

[51] **Int.Cl. C22C 1/02 (2006.01) C22B 11/00 (2006.01) G01N 33/20 (2006.01) C22B 7/00 (2006.01)**

[25] EN  
[54] **HOMOGENIZATION METHOD FOR CU ALLOY COMPRISING RU PROCEDE**  
[54] **D'HOMOGENEISATION POUR ALLIAGE DE CU COMPRENANT DU RU**

[72] YAMAGUCHI, KATSUNORI, JP  
[72] TAGAWA, RYO, JP  
[72] SAKAMOTO, HIROFUMI, JP  
[72] FUJITA, MITSUHARU, JP  
[72] UEDA, TETSUYA, JP  
[72] ISHIZAKI, KEIKO, JP  
[72] KAWASAKI, MINORU, JP  
[72] HIROSUE, KIYOSHI, JP  
[71] DOWA METALS & MINING CO., LTD., JP  
[71] TANAKA KIKINZOKU KOGYO K.K., JP  
[71] NIPPON PGM CO., LTD., JP  
[85] 2016-08-04  
[86] 2015-02-12 (PCT/JP2015/053864)  
[87] (WO2015/122469)  
[30] JP (2014-024668) 2014-02-12

[21] **2,938,821**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**

[25] EN  
[54] **ANTICANCER ADJUVANT COMPOSITION CONTAINING RIP3 EXPRESSION PROMOTER AS ACTIVE INGREDIENT, METHOD FOR SCREENING FOR ANTICANCER ADJUVANT ENHANCING SENSITIVITY OF ANTICANCER DRUG BY PROMOTING RIP3 EXPRESSION, AND METHOD FOR MONITORING SENSITIVITY OF ANTICANCER DRUG**  
[54] **COMPOSITION D'ADJUVANT ANTICANCEREUX CONTENANT UN PROMOTEUR D'EXPRESSION DE RIP3 EN TANT QUE SUBSTANCE ACTIVE, PROCEDE DE CRIBLAGE D'UN ADJUVANT ANTICANCEREUX AUGMENTANT LA SENSIBILITE A UN MEDICAMENT ANTICANCEREUX PAR STIMULATION DE L'EXPRESSION DE RIP3 ET PROCEDE DE SURVEILLANCE DE L'EFFICACITE D'UN MEDICAMENT ANTICANCEREUX**

[72] KIM, YOU SUN, KR  
[72] KOO, GI BANG, KR  
[72] YUN, JUNG HO, KR  
[72] KIM, WOO JUNG, KR  
[72] JO, YU NA, KR  
[71] DONG WHA PHARM. CO., LTD., KR  
[85] 2016-08-04  
[86] 2014-11-25 (PCT/KR2014/011376)  
[87] (WO2015/119362)  
[30] KR (10-2014-0014242) 2014-02-07  
[30] KR (10-2014-0014243) 2014-02-07  
[30] KR (10-2014-0164963) 2014-11-25

[21] **2,938,822**  
[13] A1

[51] **Int.Cl. H04L 27/34 (2006.01) H04L 1/00 (2006.01)**

[25] EN  
[54] **TRANSMITTING APPARATUS AND MODULATION METHOD THEREOF**  
[54] **APPAREIL DE TRANSMISSION ET SON PROCEDE DE MODULATION**

[72] MYUNG, SE-HO, KR  
[72] MOUHOUCHE, BELKACEM, GB  
[72] LOBETE, ANSORREGUL DANIEL, GB  
[72] KIM, KYUNG-JOONG, KR  
[72] JEONG, HONG-SIL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/KR2015/001191)  
[87] (WO2015/119441)  
[30] US (61/936,029) 2014-02-05  
[30] US (61/945,868) 2014-02-28  
[30] KR (10-2015-0017971) 2015-02-05

[21] **2,938,823**  
[13] A1

[51] **Int.Cl. A23C 9/142 (2006.01) A23C 9/152 (2006.01) A23C 21/06 (2006.01) A23J 1/20 (2006.01) A23J 3/08 (2006.01)**

[25] EN  
[54] **MILK BASED COMPOSITIONS COMPRISING MILK DERIVED, DENATURED RETENTATE**  
[54] **COMPOSITIONS A BASE DE LAIT COMPORTANT DU RETENTAT DENATURE DERIVE DU LAIT**

[72] DAS, SHANTANU, NZ  
[72] TANEJA, NAMRATA, NZ  
[72] OLNEY, SONYA DIANNE, NZ  
[72] ELLIS, ASHLING, NZ  
[72] HALL, CHRISTOPHER EDWARD, NZ  
[72] SINGH, HARJINDER, NZ  
[72] YE, AIQIAN, NZ  
[71] GOODMAN FIELDER NEW ZEALAND LIMITED, NZ  
[85] 2016-08-04  
[86] 2015-01-23 (PCT/NZ2015/000004)  
[87] (WO2016/118021)  
[30] NZ (704054) 2015-01-23

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[21] **2,938,824**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**  
[25] EN  
[54] **AUTHENTICATION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION**  
[72] IBASCO, ALEX D., PH  
[71] EINNOVATIONS HOLDINGS PTE. LTD., SG  
[85] 2016-08-04  
[86] 2015-02-11 (PCT/SG2015/050019)  
[87] (WO2015/122850)  
[30] SG (2014011308) 2014-02-11

[21] **2,938,825**  
[13] A1

[51] **Int.Cl. F16L 35/00 (2006.01) F16L 57/00 (2006.01) F17D 5/08 (2006.01)**  
[25] EN  
[54] **HIGH PRESSURE PIPE AND FITTING RESTRAINT SYSTEM**  
[54] **SYSTEME DE MAINTIEN DE RACCORD FILETE ET DE TUYAU A HAUTE PRESSION**  
[72] BOND, ROBERT, JR., US  
[72] MIRE, MICHAEL, US  
[71] GULFSTREAM SERVICES, INC., US  
[85] 2016-08-04  
[86] 2014-02-05 (PCT/US2014/014808)  
[87] (WO2014/123963)  
[30] US (61/760,956) 2013-02-05

[21] **2,938,826**  
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 10/06 (2012.01)**  
[25] EN  
[54] **INTERNAL MATERIAL SYSTEM FOR FACILITATING MATERIAL AND ASSET MOVEMENT WITHIN ORGANIZATIONAL INFRASTRUCTURES**  
[54] **SYSTEME INTERNE DE MATERIAUX POUR FACILITER LE MOUVEMENT DE MATERIAUX ET DE BIENS AU SEIN D'INFRASTRUCTURES ORGANISATIONNELLES**  
[72] GLUSTROM, ROBERT, US  
[72] SCHAFER, RICHARD, US  
[71] TSN LLC, US  
[85] 2016-08-04  
[86] 2014-02-07 (PCT/US2014/015373)  
[87] (WO2015/119622)

[21] **2,938,830**  
[13] A1

[51] **Int.Cl. G21B 1/00 (2006.01) G21B 1/13 (2006.01)**  
[25] EN  
[54] **ADVANCED FUEL CYCLE AND FUSION REACTORS UTILIZING THE SAME**  
[54] **CYCLE DU COMBUSTIBLE AVANCE ET REACTEURS DE FUSION LE METTANT EN ŒUVRE**  
[72] SLOUGH, JOHN THOMAS, US  
[72] KIRTLEY, DAVID EDWIN, US  
[72] PIHL, CHRISTOPHER JAMES, US  
[71] HELION ENERGY, INC., US  
[85] 2016-08-04  
[86] 2015-02-06 (PCT/US2015/014904)  
[87] (WO2015/163970)  
[30] US (61/937,030) 2014-02-07

[21] **2,938,832**  
[13] A1

[51] **Int.Cl. E21B 17/02 (2006.01) H01R 13/52 (2006.01) H01R 13/523 (2006.01)**  
[25] EN  
[54] **HIGH-TEMPERATURE INJECTION MOLDED ELECTRICAL CONNECTORS WITH BONDED ELECTRICAL TERMINATIONS**  
[54] **CONNECTEURS ELECTRIQUES MOULES PAR INJECTION A HAUTE TEMPERATURE COMPORTANT DES TERMINAISONS ELECTRIQUES LIEES**  
[72] MATLACK, BRADLEY, US  
[72] METZGER, MARK A., US  
[72] MANKE, GREGORY H., US  
[72] GOERTZEN, WILLIAM, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2016-08-04  
[86] 2015-02-09 (PCT/US2015/014962)  
[87] (WO2015/120357)  
[30] US (61/937,680) 2014-02-10

[21] **2,938,833**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF SELLING GOODS OR SERVICES, OR COLLECTING RECYCLE REFUSE USING MECHANIZED MOBILE MERCHANTRY**  
[54] **SYSTEME ET PROCEDE DE VENTE DE BIENS OU DE SERVICES, OU DE COLLECTE DE DECHETS A RECYCLER A L'AIDE D'UN DISPOSITIF MARCHAND MOBILE MECANISE**  
[72] HUANG, XIAOYAN, US  
[72] KOLLS, BROCK, US  
[72] FU, CHIH-SHANG, US  
[71] THE COCA-COLA COMPANY, US  
[85] 2016-08-04  
[86] 2015-02-09 (PCT/US2015/015019)  
[87] (WO2015/120384)  
[30] US (61/937,116) 2014-02-07

[21] **2,938,836**  
[13] A1

[51] **Int.Cl. C08F 210/16 (2006.01) C08F 4/659 (2006.01) C08F 4/6592 (2006.01)**  
[25] EN  
[54] **PRODUCING POLYOLEFIN PRODUCTS**  
[54] **PRODUCTION DE PRODUITS DE POLYOLEFINES**  
[72] KAO, SUN-CHUEH, US  
[72] RIX, FRANCIS C., US  
[72] LUE, CHING-TAI, US  
[72] GOODE, MARK G., US  
[72] LI, DONGMING, US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2016-08-04  
[86] 2015-02-10 (PCT/US2015/015128)  
[87] (WO2015/123169)  
[30] US (61/938,472) 2014-02-11  
[30] US (61/938,466) 2014-02-11  
[30] US (61/981,291) 2014-04-18  
[30] US (61/985,151) 2014-04-28  
[30] US (62/032,383) 2014-08-01  
[30] US (62/087,911) 2014-12-05  
[30] US (62/088,196) 2014-12-05  
[30] US (62/087,905) 2014-12-05  
[30] US (62/087,914) 2014-12-05

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[21] **2,938,838**  
[13] A1

[51] **Int.Cl. F16K 37/00 (2006.01)**  
[25] EN  
[54] **ROTARY POSITION INDICATOR FOR ACTUATOR**  
[54] **INDICATEUR DE POSITION ROTATIF POUR ACTIONNEUR**  
[72] DEQUARTI, ALBERTO, IT  
[71] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2016-08-04  
[86] 2015-02-04 (PCT/US2015/014526)  
[87] (WO2015/120101)  
[30] EP (14154286.0) 2014-02-07  
[30] US (14/598,531) 2015-01-16

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[21] **2,938,839**  
[13] A1

[51] **Int.Cl. C08F 4/6592 (2006.01) C07F 17/00 (2006.01) C08F 210/16 (2006.01)**  
[25] EN  
[54] **PRODUCING POLYOLEFIN PRODUCTS**  
[54] **PRODUCTION DE PRODUITS POLYOLEFINIQUES**  
[72] RIX, FRANCIS C., US  
[72] TODD, ALEXANDER D., US  
[72] HARLAN, JEFF C., US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2016-08-04  
[86] 2015-02-10 (PCT/US2015/015130)  
[87] (WO2015/123171)  
[30] US (61/938,466) 2014-02-11  
[30] US (61/938,472) 2014-02-11  
[30] US (61/981,291) 2014-04-18  
[30] US (61/985,151) 2014-04-28  
[30] US (62/032,383) 2014-08-01  
[30] US (61/087,911) 2014-12-05  
[30] US (62/087,914) 2014-12-05  
[30] US (62/088,196) 2014-12-05  
[30] US (62/087,905) 2014-12-05

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[21] **2,938,842**  
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) C03B 17/02 (2006.01)**  
[25] EN  
[54] **METHODS OF FORMING LAMINATED GLASS STRUCTURES**  
[54] **PROCEDES DE FORMATION DE STRUCTURES DE VERRE FEUILLETE**  
[72] FORENZ, DOMINICK JOHN, US  
[72] PRICE, MICHAEL WILLIAM, US  
[72] ROSETTIE, MARY, US  
[72] TEATOR, ERIC JOSEPH, US  
[71] CORNING INCORPORATED, US  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/US2015/014543)  
[87] (WO2015/120109)  
[30] US (61/937,133) 2014-02-07

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[21] **2,938,843**  
[13] A1

[51] **Int.Cl. C08F 210/16 (2006.01) C08F 4/6592 (2006.01) C08F 2/00 (2006.01)**  
[25] EN  
[54] **PRODUCING POLYOLEFIN PRODUCTS**  
[54] **PRODUCTION DE PRODUITS DE POLYOLEFINE**  
[72] VANDERLENDE, DANIEL D., US  
[72] HARLAN, JEFF C., US  
[72] PENG, HAIQING, US  
[72] AWE, MICHAEL D., US  
[72] KUHLMAN, ROGER L., US  
[72] LUE, CHING-TAI, US  
[72] LYNN, TIMOTHY R., US  
[72] MARIOTT, WESLEY R., US  
[72] ZILKER, DANIEL P., JR., US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2016-08-04  
[86] 2015-02-10 (PCT/US2015/015141)  
[87] (WO2015/123177)  
[30] US (61/938,466) 2014-02-11  
[30] US (61/938,472) 2014-02-11  
[30] US (61/981,291) 2014-04-18  
[30] US (61/985,151) 2014-04-28  
[30] US (62/032,383) 2014-08-01  
[30] US (62/087,905) 2014-12-05  
[30] US (62/087,914) 2014-12-05  
[30] US (62/088,196) 2014-12-05  
[30] US (62/087,911) 2014-12-05

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[21] **2,938,847**  
[13] A1

[51] **Int.Cl. D06M 11/83 (2006.01) D06M 14/36 (2006.01)**  
[25] EN  
[54] **NANOPARTICLE ENHANCED ACTIVATED CARBON FABRICS**  
[54] **MATIERE TEXTILE AU CHARBON ACTIF AMELIOREE PAR DES NANOPARTICULES**  
[72] KAISER, ROBERT, US  
[71] CALGON CARBON CORPORATION, US  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/US2015/014606)  
[87] (WO2015/163969)  
[30] US (61/935,950) 2014-02-05

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[21] **2,938,851**  
[13] A1

[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/02 (2006.01) C22C 38/12 (2006.01) C22C 38/26 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01)**  
[25] EN  
[54] **HOT FORMABLE, AIR HARDENABLE, WELDABLE, STEEL SHEET**  
[54] **TOLE D'ACIER THERMOFORMABLE, DURCISSABLE A L'AIR ET POUVANT ETRE SOUDEE**  
[72] HASSANI, FARID, US  
[72] JUN, HYUN, US  
[72] FONSTEIN, NINA, US  
[71] ARCELORMITTAL S.A., LU  
[85] 2016-08-04  
[86] 2015-02-05 (PCT/US2015/014694)  
[87] (WO2015/120205)  
[30] US (61/935,948) 2014-02-05

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[21] **2,938,853**  
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF FAULT DETECTION**  
[54] **SYSTEME ET PROCEDE DE DETECTION DE PANNE**  
[72] PEREIRA, FRAZER LESLIE, GB  
[71] GE AVIATION SYSTEMS LLC, US  
[85] 2016-08-04  
[86] 2015-02-11 (PCT/US2015/015326)  
[87] (WO2015/126686)  
[30] IN (863/CHE/2014) 2014-02-21

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[21] **2,938,855**  
[13] A1

[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/44 (2006.01) A61K 31/506 (2006.01) A61P 25/18 (2006.01) C07D 231/12 (2006.01) C07D 239/42 (2006.01) C07D 249/06 (2006.01) C07D 271/07 (2006.01)**

[25] EN

[54] **1,2-SUBSTITUTED CYCLOPENTANES AS OREXIN RECEPTOR ANTAGONISTS**

[54] **CYCLOPENTANES SUBSTITUES EN 1,2 UTILISES COMME ANTAGONISTES DU RECEPTEUR D'OREXINE**

[72] FIELDHOUSE, CHARLOTTE, GB

[72] GLEN, ANGELA, GB

[72] MAINE, STEPHANIE, GB

[72] FUJIMOTO, TATSUHIKO, JP

[72] ROBINSON, JOHN STEPHEN, GB

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2016-08-04

[86] 2015-02-19 (PCT/GB2015/050480)

[87] (WO2015/124932)

[30] EP (14156011.0) 2014-02-20

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[21] **2,938,858**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/062 (2006.01)**

[25] EN

[54] **SUTURE DELIVERY DEVICE FOR SUTURING TISSUE**

[54] **DISPOSITIF DE POSE DE SUTURE PERMETTANT DE SUTURER UN TISSU**

[72] WU, I-CHING, US

[72] HU, ERIC Y., US

[72] LEE, PO-HUA, US

[72] TANG, HSIAO-WEI, TW

[72] CHENG, SHULING, TW

[71] MEDEON BIODESIGN, INC., TW

[85] 2016-08-04

[86] 2015-02-06 (PCT/US2015/014797)

[87] (WO2015/120258)

[30] US (61/937,089) 2014-02-07

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[21] **2,938,859**  
[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01) G01N 15/05 (2006.01)**

[25] EN

[54] **A METHOD FOR ANALYZING BLOOD SAMPLES FOR DETECTION OF PATHOLOGIES**

[54] **PROCEDE D'ANALYSE D'ECHANTILLONS DE SANG POUR LA DETECTION DE PATHOLOGIES**

[72] MISSAGLIA, ADELIO, IT

[71] GRADEMI BIOTECH S.R.L., IT

[85] 2016-08-04

[86] 2015-02-03 (PCT/IB2015/050812)

[87] (WO2015/118443)

[30] IT (MI2014A000182) 2014-02-10

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[21] **2,938,860**  
[13] A1

[51] **Int.Cl. A61C 7/00 (2006.01) A61N 1/05 (2006.01) A61N 1/20 (2006.01)**

[25] EN

[54] **ORTHODONTIC TOOTH ADJUSTMENT EXPEDITING SYSTEM**

[54] **SYSTEME D'ACCELERATION DU REGLAGE DENTAIRE ORTHODONTIQUE**

[72] DAVIDOVITCH, ZEEV, US

[72] SANFORD, ROBERT, US

[72] DAVIDOVITCH, MOSHE, IL

[71] RAPID ORTHODONTICS, INC., US

[85] 2016-08-04

[86] 2015-02-11 (PCT/US2015/015409)

[87] (WO2015/123292)

[30] US (14/177,573) 2014-02-11

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[21] **2,938,861**  
[13] A1

[51] **Int.Cl. A61K 31/704 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 47/14 (2006.01) A61K 47/44 (2006.01) A61K 49/00 (2006.01) A61K 51/12 (2006.01) A61P 35/00 (2006.01)**

[25] FR

[54] **COMPOSITION FOR VECTORIZING AN ANTI-CANCER AGENT**

[54] **COMPOSITION DESTINEE A VECTORISER UN AGENT ANTICANCEREUX**

[72] ROBIC, CAROLINE, FR

[72] MAYER, JEAN-FRANCOIS, FR

[71] GUERBET, FR

[85] 2016-08-04

[86] 2015-02-06 (PCT/EP2015/052527)

[87] (WO2015/118113)

[30] FR (1450972) 2014-02-07

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[21] **2,938,862**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/013 (2006.01)**

[25] EN

[54] **CONFOCAL DETECTION TO MINIMIZE CAPSULOTOMY OVERCUT WHILE DYNAMICALLY RUNNING ON THE CAPSULAR SURFACE**

[54] **DETECTION CONFOCALE POUR REDUIRE AU MINIMUM UNE COUPE EXCESSIVE DE CAPSULOTOMIE TOUT EN PASSANT DYNAMIQUEMENT SUR LA SURFACE CAPSULAIRE**

[72] SCHUELE, GEORG, US

[72] WOO, RAYMOND, US

[72] HART, JOHN S., US

[71] OPTIMEDICA CORPORATION, US

[85] 2016-08-04

[86] 2015-02-02 (PCT/US2015/014086)

[87] (WO2015/119888)

[30] US (61/935,478) 2014-02-04

[30] US (61/950,416) 2014-03-10

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[21] **2,938,865**  
[13] A1  
[51] **Int.Cl. C01B 33/193 (2006.01) B29D 30/00 (2006.01) C08K 3/06 (2006.01)**  
[25] EN  
[54] **NOVEL METHOD FOR PREPARING PRECIPITATED SILICAS, NOVEL PRECIPITATED SILICAS AND THE USES OF SAME, IN PARTICULAR FOR REINFORCING POLYMERS**  
[54] **NOUVEAU PROCEDE DE PREPARATION DE SILICES PRECIPITEES, NOUVELLES SILICES PRECIPITEES ET LEURS UTILISATIONS, NOTAMMENT POUR LE RENFORCEMENT DE POLYMERES**  
[72] BOIVIN, CEDRIC, FR  
[72] GUY, LAURENT, FR  
[72] PERIN, ERIC, FR  
[72] LAMIRI, KILANI, FR  
[71] RHODIA OPERATIONS, FR  
[85] 2016-08-04  
[86] 2015-02-12 (PCT/EP2015/052921)  
[87] (WO2015/121333)  
[30] FR (1400415) 2014-02-14

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[21] **2,938,866**  
[13] A1  
[51] **Int.Cl. A61B 3/107 (2006.01) A61F 9/008 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LASER CORNEAL INCISIONS FOR KERATOPLASTY PROCEDURES**  
[54] **SYSTEME ET PROCEDE POUR INCISIONS CORNEENNES AU LASER POUR INTERVENTIONS DE KERATOPLASTIE**  
[72] SCOTT, DAVID D., US  
[71] OPTIMEDICA CORPORATION, US  
[85] 2016-08-04  
[86] 2015-02-02 (PCT/US2015/014112)  
[87] (WO2015/119892)  
[30] US (61/935,471) 2014-02-04

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[21] **2,938,867**  
[13] A1  
[51] **Int.Cl. B65D 41/04 (2006.01)**  
[25] EN  
[54] **METALLIC CONTAINER WITH A THREADED CLOSURE**  
[54] **CONTENANT METALLIQUE A FERMETURE FILETEE**  
[72] ROSS, JOHN R., US  
[72] SCOTT, ANTHONY J., US  
[72] CHASTEEN, HOWARD C., US  
[72] HINES, LINDA A., US  
[71] BALL CORPORATION, US  
[85] 2016-08-04  
[86] 2015-02-06 (PCT/US2015/014840)  
[87] (WO2015/120286)  
[30] US (61/937,125) 2014-02-07

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[21] **2,938,869**  
[13] A1  
[51] **Int.Cl. C10M 129/04 (2006.01) C10M 129/76 (2006.01) C10M 137/10 (2006.01)**  
[25] EN  
[54] **TRACTOR HYDRAULIC FLUID COMPOSITIONS**  
[54] **COMPOSITIONS DE FLUIDE HYDRAULIQUE POUR DES TRACTEURS**  
[72] SHRESTHA, KEDAR SHANKAR, US  
[72] YAMAMOTO, SHUHEI, US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[85] 2016-08-04  
[86] 2015-02-03 (PCT/US2015/014181)  
[87] (WO2015/123050)  
[30] US (14/181,538) 2014-02-14

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[21] **2,938,870**  
[13] A1  
[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 17/00 (2006.01) G01S 13/74 (2006.01)**  
[25] EN  
[54] **OBJECT TRACKING METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE SUIVI D'UN OBJET**  
[72] HYATT, ANTHONY, US  
[72] WITTY, STEPHEN, US  
[72] HENRY, KEVIN, US  
[71] FEDEX CORPORATE SERVICES, INC., US  
[85] 2016-08-04  
[86] 2015-01-06 (PCT/US2015/010261)  
[87] (WO2015/119731)  
[30] US (14/174,642) 2014-02-06

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[21] **2,938,871**  
[13] A1  
[51] **Int.Cl. B64C 3/58 (2006.01) B64C 9/02 (2006.01) B64C 9/34 (2006.01) B64C 9/38 (2006.01) B64C 13/16 (2006.01) B64C 21/02 (2006.01)**  
[25] EN  
[54] **GUST ALLEVIATOR**  
[54] **ATTENUATEUR DE RAFALES**  
[72] RICHARDSON, ALBERT S., JR., US  
[71] RICHARDSON, ALBERT S., JR., US  
[85] 2016-08-04  
[86] 2015-02-03 (PCT/US2015/014217)  
[87] (WO2015/119933)  
[30] US (61/936,964) 2014-02-07

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[21] **2,938,872**  
[13] A1  
[51] **Int.Cl. E21B 43/11 (2006.01)**  
[25] EN  
[54] **PERFORATING GUN WITH ECCENTRIC ROTATABLE CHARGE TUBE**  
[54] **CANON DE PERFORATION A TUBE DE CHARGE ROTATIF EXCENTRIQUE**  
[72] URSI, JEREMY, US  
[72] LAGRANGE, TIMOTHY E., US  
[72] ANTAL, BRIAN, US  
[72] HOLLIS, WILLIAM D., US  
[71] OWEN OIL TOOLS LP, US  
[85] 2016-08-04  
[86] 2015-02-12 (PCT/US2015/015646)  
[87] (WO2015/123429)  
[30] US (61/938,886) 2014-02-12  
[30] US (62/021,494) 2014-07-07

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[13] A1

[51] **Int.Cl. C08J 5/04 (2006.01) B29C 70/16 (2006.01) C03C 25/10 (2006.01) C03C 25/24 (2006.01) C03C 25/32 (2006.01) C03C 25/48 (2006.01) C03C 25/62 (2006.01) C08J 5/08 (2006.01) D03D 1/00 (2006.01) D03D 15/00 (2006.01) D04H 1/00 (2006.01) D04H 13/00 (2006.01)**

[25] EN

[54] **POSTPONED DIFFERENTIATION OF REINFORCED COMPOSITES**

[54] **DIFFERENCIATION DIFFEREE DE COMPOSITES RENFORCES**

[72] MOIREAU, PATRICK, FR

[72] ROEDERER, FRANCOIS, FR

[72] VIANA, JEAN-LOUIS, FR

[71] OCV INTELLECTUAL CAPITAL, LLC, US

[85] 2016-08-04

[86] 2015-02-04 (PCT/US2015/014350)

[87] (WO2015/119984)

[30] US (61/936,388) 2014-02-06

[21] **2,938,875**  
[13] A1

[51] **Int.Cl. C40B 30/04 (2006.01) C07D 239/54 (2006.01)**

[25] EN

[54] **THIOL-X CLICK FOLDAMERS FOR POLYMER AFFINITY AND CATALYSIS LIBRARIES**

[54] **FOLDAMERES THIOL-X « CLICK » UTILISABLES POUR DES BANQUES D'AFFINITE ET DE CATALYSE DE POLYMERES**

[72] BOWMAN, CHRISTOPHER N., US

[72] KLOXIN, CHRISTOPHER J., US

[72] XI, WEIXIAN, US

[72] GONG, TAO, US

[72] PATTANAYAK, SANKHA, US

[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US

[85] 2016-08-04

[86] 2015-02-06 (PCT/US2015/014844)

[87] (WO2015/120290)

[30] US (61/936,628) 2014-02-06

[21] **2,938,876**  
[13] A1

[51] **Int.Cl. C23C 16/18 (2006.01) B22F 3/105 (2006.01) C23C 16/40 (2006.01) C23C 28/00 (2006.01)**

[25] EN

[54] **ANTI-COKING COATINGS, PROCESSES THEREFOR, AND HYDROCARBON FLUID PASSAGES PROVIDED THEREWITH**

[54] **REVETEMENTS ANTI-CALAMINE, PROCEDES CORRESPONDANTS, ET PASSAGES DE FLUIDE D'HYDROCARBURES POURVUS DE CEUX-CI**

[72] MCMASTERS, MARIE ANN, US

[72] HASZ, WAYNE CHARLES, US

[72] ZHANG, CHARLES C., US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-08-04

[86] 2015-02-13 (PCT/US2015/015801)

[87] (WO2015/123513)

[30] US (61/939,316) 2014-02-13

[21] **2,938,877**  
[13] A1

[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/92 (2006.01) A61K 8/97 (2006.01) A61Q 1/00 (2006.01)**

[25] EN

[54] **FREE STANDING COLOR COSMETIC STICK**

[54] **BATON COSMETIQUE COLORANT AUTOPORTANT**

[72] BARONE, SALVATORE J., US

[72] STAINA, IRINA, US

[71] COTY INC., US

[85] 2016-08-04

[86] 2015-02-04 (PCT/US2015/014428)

[87] (WO2015/120028)

[30] US (61/937,163) 2014-02-07

[21] **2,938,879**  
[13] A1

[51] **Int.Cl. A61K 31/4709 (2006.01) A61K 31/405 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **USE OF FLAP INHIBITORS TO REDUCE NEUROINFLAMMATION MEDIATED INJURY IN THE CENTRAL NERVOUS SYSTEM**

[54] **UTILISATION D'INHIBITEURS DE FLAP POUR REDUIRE UNE LESION MEDIEE PAR UNE NEURO-INFLAMMATION DANS LE SYSTEME NERVEUX CENTRAL**

[72] HEIDENREICH, KIM A., US

[72] MURPHY, ROBERT C., US

[71] BIOSCIENCE PHARMA PARTNERS, LLC, US

[85] 2016-08-04

[86] 2015-02-04 (PCT/US2015/014443)

[87] (WO2015/120038)

[30] US (61/935,763) 2014-02-04

[30] US (14/613,658) 2015-02-04

[21] **2,938,880**  
[13] A1

[51] **Int.Cl. E04B 2/00 (2006.01)**

[25] EN

[54] **METHOD OF CONFIGURING WALLS**

[54] **SYSTEME DE MURS RECONFIGURABLE**

[72] SMED, MOGENS, CA

[72] HARRIS, PATRICK JOHN, CA

[72] GOSLING, GEOFF, CA

[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA

[85] 2016-08-04

[86] 2015-02-13 (PCT/US2015/015931)

[87] (WO2015/126764)

[30] US (61/942,602) 2014-02-20

[30] US (61/942,601) 2014-02-20

[30] US (61/942,600) 2014-02-20

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[21] **2,938,881**  
[13] A1

[51] **Int.Cl. H01H 45/04 (2006.01) H01H 50/04 (2006.01) H01H 50/14 (2006.01) H01R 25/16 (2006.01)**

[25] EN

[54] **SWITCHING ASSEMBLY AND INTERCONNECT ASSEMBLY THEREFOR**

[54] **ENSEMBLE DE COMMUTATION ET SON ENSEMBLE D'INTERCONNEXION**

[72] MILLS, PATRICK WELLINGTON, US

[72] MCCORMICK, JAMES MICHAEL, US

[72] MUCKEFUSE, JEFFREY ALAN, US

[71] LABINAL, LLC, US

[85] 2016-08-04

[86] 2015-02-16 (PCT/US2015/016038)

[87] (WO2015/126786)

[30] US (61/940,988) 2014-02-18

[21] **2,938,884**  
[13] A1

[51] **Int.Cl. C07D 417/06 (2006.01) C07D 401/06 (2006.01)**

[25] EN

[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES**

[72] CHRUSCIEL, ROBERT A., US

[72] GADWOOD, ROBERT C., US

[72] HAYWARD, NEIL J., US

[72] MELNICK, MICHAEL J., US

[72] NAVIA, MANUEL, US

[72] POEL, TONI J., US

[72] STEWART, CATHERINE A., US

[72] STASSEN, FRANS L., US

[71] EXITHERA PHARMACEUTICALS INC., US

[85] 2016-08-04

[86] 2015-02-04 (PCT/US2015/014478)

[87] (WO2015/120062)

[30] US (61/937,031) 2014-02-07

[21] **2,938,886**  
[13] A1

[51] **Int.Cl. B23K 9/16 (2006.01) B23K 9/173 (2006.01) B23K 9/23 (2006.01) B23K 9/32 (2006.01) B23K 35/38 (2006.01)**

[25] EN

[54] **INERT GAS AND METHOD FOR METAL INERT GAS WELDING FOR POLLUTANT REDUCTION**

[54] **GAZ DE PROTECTION ET PROCEDE DE SOUDAGE PAR APPORT DE METAL SOUS GAZ DE PROTECTION POUR LA REDUCTION DE SUBSTANCES NOCIVES**

[72] MIKLOS, ERNST, DE

[72] SAVGU, FATIH, DE

[71] LINDE AKTIENGESELLSCHAFT, DE

[85] 2016-08-05

[86] 2015-02-16 (PCT/EP2015/000337)

[87] (WO2015/124283)

[30] DE (10 2014 002 349.4) 2014-02-18

[21] **2,938,882**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01)**

[25] EN

[54] **PLUNGER FOR LOW-VOLUME SYRINGE PIPETTE**

[54] **PISTON POUR PIPETTE SERINGUE A FAIBLE VOLUME**

[72] SINGER, MICHAEL, US

[72] FLICK, CHRISTINE, US

[71] AUSTEN BIOINNOVATION INSTITUTE IN AKRON, US

[85] 2016-08-04

[86] 2015-02-04 (PCT/US2015/014466)

[87] (WO2015/120053)

[30] US (61/935,601) 2014-02-04

[21] **2,938,885**  
[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01)**

[25] EN

[54] **INTERFACE FOR MOUNTING INTERCHANGABLE COMPONENTS**

[54] **INTERFACE POUR LE MONTAGE DE COMPOSANTS INTERCHANGEABLES**

[72] GOSLING, GEOFF, CA

[72] HARRIS, PATRICK JOHN, CA

[72] SMED, MOGENS, CA

[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA

[85] 2016-08-04

[86] 2015-02-13 (PCT/US2015/015943)

[87] (WO2015/126767)

[30] US (61/942,601) 2014-02-20

[30] US (61/942,602) 2014-02-20

[30] US (61/942,600) 2014-02-20

[30] US (62/009,061) 2014-06-06

[30] US (62/009,557) 2014-06-09

[21] **2,938,887**  
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01)**

[25] EN

[54] **CHIMERIC ANTIGEN RECEPTORS AND METHODS OF MAKING**

[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ET PROCEDE DE PRODUCTION**

[72] COOPER, LAURENCE, J. N., US

[72] KORNGOLD, ANA BEATRIZ, US

[72] RABINOVICH, BRIAN A., US

[72] SINGH, HARJEET, US

[72] OLIVARES, SIMON, US

[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2016-08-04

[86] 2015-02-16 (PCT/US2015/016057)

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[13] A1

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[25] EN  
[54] **VEHICLE TYRE**  
[54] **PNEUMATIQUE DE VEHICULE**  
[72] WILDHAGE, MICHAEL, DE  
[72] KRIEGER, RALF, DE  
[71] CONTINENTAL REIFEN  
DEUTSCHLAND GMBH, DE  
[85] 2016-08-05  
[86] 2015-01-09 (PCT/EP2015/050285)  
[87] (WO2015/128105)  
[30] DE (10 2014 203 426.4) 2014-02-26

[21] **2,938,891**  
[13] A1

[51] **Int.Cl. G06F 12/02 (2006.01)**  
[25] EN  
[54] **MODIFIED MEMORY  
COMPRESSION**  
[54] **COMPRESSION DE MEMOIRE  
MODIFIEE**  
[72] BAK, YEVGENIY M., US  
[72] IYIGUN, MEHMET, US  
[72] WANG, LANDY, US  
[72] KISHAN, ARUN U., US  
[71] MICROSOFT TEHCNOLOGY  
LICENSING, LLC, US  
[85] 2016-08-04  
[86] 2015-02-18 (PCT/US2015/016237)  
[87] (WO2015/175062)  
[30] US (14/187,031) 2014-02-21

[21] **2,938,892**  
[13] A1

[51] **Int.Cl. G06F 13/42 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR  
SETTING THE ADDRESS OF A  
MODULE USING A CLOCK**  
[54] **PROCEDES ET APPAREIL  
DESTINES A REGLER L'ADRESSE  
D'UN MODULE A L'AIDE D'UNE  
HORLOGE**  
[72] BOOTH, JAMES RONALD, US  
[72] AHNE, ADAM J., US  
[71] LEXMARK INTERNATIONAL, INC.,  
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[85] 2016-08-05  
[86] 2015-10-16 (PCT/US2015/055979)  
[87] (WO2016/061480)  
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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS  
FOR ASSESSING CHRONIC  
ALLOGRAFT DYSFUNCTION**  
[54] **METHODES DE MESURE DE  
L'EXPRESSION D'IL-6 POUR  
DETERMINER UN RISQUE DE  
DYSFONCTIONNEMENT  
CHRONIQUE DE GREFFE  
ALLOGENIQUE DE POUMON**  
[72] KESHAVJEE, SHAF, CA  
[72] LIU, MINGYAO, CA  
[72] CYPEL, MARCELO, CA  
[71] UNIVERSITY HEALTH NETWORK,  
CA  
[85] 2016-08-05  
[86] 2014-02-20 (PCT/CA2014/000139)  
[87] (WO2014/127463)  
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[21] **2,938,895**  
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01) G06F 3/01 (2006.01)**  
[25] EN  
[54] **HEAD MOUNTED DISPLAY  
GOOGLES FOR USE WITH  
MOBILE COMPUTING DEVICES**  
[54] **LUNETTES D'AFFICHAGE  
FACIAL A UTILISER AVEC DES  
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MOBILES**  
[72] LYONS, FRANKLIN A., US  
[71] MERGE LABS, INC., US  
[85] 2016-08-04  
[86] 2015-02-18 (PCT/US2015/016445)  
[87] (WO2015/126987)  
[30] US (61/941,294) 2014-02-18  
[30] US (62/060,996) 2014-10-07

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[13] A1

[51] **Int.Cl. G01N 21/00 (2006.01) A61B 1/04 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01)**  
[25] EN  
[54] **DETECTING AND USING LIGHT  
REPRESENTATIVE OF A SAMPLE**  
[54] **DETECTION ET UTILISATION  
D'UNE LUMIERE  
REPRESENTATIVE D'UN  
ECHANTILLON**  
[72] FINE, ALAN MARC, CA  
[72] MACAULAY, HERSHEL, CA  
[72] KREPLAK, LAURENT, CA  
[71] ALENTIC MICROSCIENCE INC., CA  
[85] 2016-08-05  
[86] 2014-02-05 (PCT/CA2014/050070)  
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[13] A1

[51] **Int.Cl. B65G 9/00 (2006.01) B25J 17/00 (2006.01) B25J 18/00 (2006.01) B25J 19/00 (2006.01) F16M 13/04 (2006.01)**  
[25] EN  
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COUNTERBALANCING ARM**  
[54] **LIAISON DE BASE MODULAIRE  
POUR BRAS DE CONTRE-  
BALANCEMENT**  
[72] BAX, JEFFREY SCOTT, CA  
[72] FENSTER, AARON, CA  
[72] WARING, CHRISTOPHER STANLEY  
ROBERT, CA  
[71] CENTRE FOR IMAGING  
TECHNOLOGY  
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CA  
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[54] **GRILLOIR A COQUE A ZONES MULTIPLES**  
[72] JONES, DOUGLAS S., US  
[72] JAFERIAN, JANICE M. K., US  
[71] ENODIS CORPORATION, US  
[85] 2016-08-04  
[86] 2015-02-20 (PCT/US2015/016940)  
[87] (WO2015/127295)  
[30] US (61/943,034) 2014-02-21

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[13] A1

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[25] EN  
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[54] **POLYMERES DANS DES LAQUAGES MULTICOUCHES COLORES ET/OU A EFFET**  
[72] LETTMANN, BERNHARD, DE  
[72] HOFFMANN, PETER, DE  
[72] JASPER, RAPHAELA, DE  
[72] KUHN, KAI, DE  
[72] KEMPER, HEINZ-JURGEN, DE  
[72] SIEGERT, MARION, DE  
[71] BASF COATINGS GMBH, DE  
[85] 2016-08-05  
[86] 2015-01-09 (PCT/EP2015/050311)  
[87] (WO2015/128107)  
[30] EP (14156823.8) 2014-02-26

[21] **2,938,903**  
[13] A1

[51] **Int.Cl. H01M 10/39 (2006.01)**  
[25] EN  
[54] **ELECTRODE UNIT FOR AN ELECTROCHEMICAL DEVICE**  
[54] **ENSEMBLE D'ELECTRODES POUR DISPOSITIF ELECTROCHIMIQUE**  
[72] DURR, ANNA KATHARINA, DE  
[72] ZERPA UNDA, JESUS ENRIQUE, DE  
[72] ACHHAMMER, GUNTHER, DE  
[72] BAYER, DOMNIK, DE  
[72] HEIDEBRECHT, PETER, DE  
[72] MEUER, STEFAN, DE  
[71] BASF SE, DE  
[85] 2016-08-05  
[86] 2015-01-28 (PCT/EP2015/051667)  
[87] (WO2015/117870)  
[30] EP (14154255.5) 2014-02-07

[21] **2,938,904**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04W 80/00 (2009.01) G10L 19/00 (2013.01) H04L 29/06 (2006.01)**  
[25] EN  
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[54] **SYSTEME, METHODES ET DISPOSITIFS POUR COMMUNICATION DE DONNEES ADRESSEES**  
[72] SHELLHAMMER, BRETT, CA  
[72] CULLIGAN, CHRIS, CA  
[71] SHELLHAMMER, BRETT, CA  
[71] CULLIGAN, CHRIS, CA  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/CA2015/000067)  
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[13] A1

[51] **Int.Cl. F04D 13/08 (2006.01) F04D 13/10 (2006.01) F04D 29/00 (2006.01)**  
[25] EN  
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[54] **POMPE DE REGULATION DE NIVEAU DE LIQUIDE DE Puits DE DECHARGE**  
[72] RAMIREZ, ANTONIO U., US  
[72] SIMPSON, DAVID D., US  
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US  
[85] 2016-08-04  
[86] 2015-02-16 (PCT/US2015/016040)  
[87] (WO2015/123633)  
[30] US (61/940,691) 2014-02-17  
[30] US (62/045,218) 2014-09-03

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[13] A1

[51] **Int.Cl. G06F 13/40 (2006.01) H04L 29/12 (2006.01)**  
[25] EN  
[54] **SYSTEMS FOR SETTING THE ADDRESS OF A MODULE**  
[54] **SYSTEMES POUR SPECIFIER L'ADRESSE D'UN MODULE**  
[72] AHNE, ADAM, US  
[71] LEXMARK INTERNATIONAL, INC., US  
[85] 2016-08-05  
[86] 2015-10-16 (PCT/US2015/055972)  
[87] (WO2016/061476)  
[30] US (14/517,394) 2014-10-17

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[13] A1

[51] **Int.Cl. C07K 17/00 (2006.01) C07K 1/22 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **PROTEOMIC SAMPLE PREPARATION USING PARAMAGNETIC BEADS**  
[54] **PREPARATION D'ECHANTILLONS PROTEOMIQUES A L'AIDE DE BILLES PARAMAGNETIQUES**  
[72] KRIJGSVELD, JEROEN, DE  
[72] STEINMETZ, LARS, DE  
[72] HUGHES, CHRISTOPHER, DE  
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE  
[85] 2016-08-05  
[86] 2015-02-09 (PCT/EP2015/052656)  
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[30] EP (14154326.4) 2014-02-07  
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[13] A1

[51] **Int.Cl. A61K 31/353 (2006.01) A61K 9/00 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61K 47/32 (2006.01) A61P 1/08 (2006.01)**

[25] EN

[54] **ORALLY DISINTEGRATING TABLET OF NABILONE COMPRISING MANNITOL-BASED GRANULES**

[54] **COMPRIME A DESINTEGRATION PAR VOIE ORALE DE NABILONE COMPRENANT DES GRANULES A BASE DE MANNITOL**

[72] PHILIP, MATHEW, CA  
[72] TALWAR, NARESH, CA  
[72] DIALLO, OUSMANE, CA  
[71] PHARMASCIENCE INC., CA  
[85] 2016-08-05  
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[30] CA (2,845,443) 2014-03-04

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[13] A1

[51] **Int.Cl. G06F 13/40 (2006.01) B41J 29/38 (2006.01)**

[25] EN

[54] **METHODS FOR SETTING THE ADDRESS OF A MODULE**

[54] **PROCEDES POUR DEFINIR L'ADRESSE D'UN MODULE**

[72] AHNE, ADAM, US  
[71] LEXMARK INTERNATIONAL, INC., US  
[85] 2016-08-05  
[86] 2015-10-16 (PCT/US2015/055966)  
[87] (WO2016/061472)  
[30] US (14/517,324) 2014-10-17

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **OUT OF HOME DIGITAL AD SERVER**

[54] **SERVEUR PUBLICITAIRE NUMERIQUE HORS DOMICILE**

[72] SOUPLIOTIS, ANDREAS, CA  
[72] COTUGNO, GIUSEPPE, CA  
[72] TROEL, PIERRE-YVES, CA  
[72] LIZOTTE, VINCENT, CA  
[72] DE GASPE BEAUBIEN, FRANCOIS, CA  
[71] AYUDA MEDIA SYSTEMS INC., CA  
[85] 2016-08-05  
[86] 2015-02-09 (PCT/CA2015/050091)  
[87] (WO2015/117246)  
[30] US (61/937,904) 2014-02-10

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[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 8/00 (2009.01)**

[25] EN

[54] **PRE-CONFIGURATION OF DEVICES SUPPORTING NATIONAL SECURITY AND PUBLIC SAFETY COMMUNICATIONS**

[54] **PRECONFIGURATION DE DISPOSITIFS PRENANT EN CHARGE DES COMMUNICATIONS LIEES A LA SECURITE NATIONALE ET LA SURETE PUBLIQUE**

[72] HEDMAN, PETER, SE  
[72] OLSSON, MAGNUS, GB  
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2016-08-05  
[86] 2015-02-10 (PCT/EP2015/052751)  
[87] (WO2015/121249)  
[30] US (61/938,775) 2014-02-12  
[30] US (14/568,808) 2014-12-12

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[13] A1

[51] **Int.Cl. B30B 3/00 (2006.01) B30B 15/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR EXTERNAL LUBRICATION OF PRESS ROLLS OF A ROLLER COMPACTION DEVICE AND APPLICATION OF THE METHOD**

[54] **PROCEDE ET DISPOSITIF POUR LA LUBRIFICATION EXTERNE DE CYLINDRES DE PRESSE DANS UNE INSTALLATION DE COMPACTAGE A CYLINDRES, ET APPLICATION DU PROCEDE**

[72] GERTEIS, PAUL, CH  
[71] GERTEIS, PAUL, CH  
[85] 2016-08-05  
[86] 2015-01-23 (PCT/CH2015/000006)  
[87] (WO2015/117252)  
[30] CH (147/14) 2014-02-05

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[13] A1

[51] **Int.Cl. A61M 16/04 (2006.01) A61M 16/08 (2006.01) A61M 16/00 (2006.01)**

[25] EN

[54] **LARYNGEAL MASK**

[54] **MASQUE LARYNGE**

[72] ACHA GANDARIAS, PEDRO, ES  
[72] SAGALES MANAS, JUAN, ES  
[72] ROCA DE VINALS DELGADO, ALEJANDRO, ES  
[72] CALAF ALCALDE, ALBERTO, ES  
[71] MEDCOM FLOW S.A., ES  
[85] 2016-08-05  
[86] 2015-02-13 (PCT/EP2015/053078)  
[87] (WO2015/128207)  
[30] ES (201430257) 2014-02-25

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[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01)**

[25] EN

[54] **GSM A3/A8 AUTHENTICATION IN AN IMS NETWORK**

[54] **AUTHENTIFICATION GSM A3/A8 DANS UN RESEAU IMS**

[72] WALLIS, MICHAEL BRETT, US  
[71] MITEL MOBILITY INC., US  
[85] 2016-08-05  
[86] 2015-04-10 (PCT/US2015/025478)  
[87] (WO2015/160674)  
[30] US (61/980,741) 2014-04-17

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[13] A1

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[25] EN

[54] **CHARGED LINKERS AND THEIR USES FOR CONJUGATION**

[54] **LIEURS CHARGES ET LEURS UTILISATIONS POUR LA CONJUGAISON**

[72] ZHAO, ROBERT YONGXIN, CN

[72] LI, XING, CN

[72] HUANG, YUANGYUANG, CN

[72] YANG, QINGLIANG, CN

[71] HANGZHOU DAC BIOTECH CO., LTD, CN

[85] 2016-08-05

[86] 2014-02-28 (PCT/CN2014/072769)

[87] (WO2015/127685)

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[13] A1

[51] **Int.Cl. E01B 7/06 (2006.01) B61L 5/02 (2006.01) B61L 5/10 (2006.01) E01B 7/02 (2006.01) E01B 7/08 (2006.01) E01B 7/14 (2006.01)**

[25] EN

[54] **RAILWAY POINTS, RAILWAY POINTS OPERATING APPARATUS AND RAILWAY TRACK CROSSING**

[54] **AIGUILLAGES, APPAREIL DE FONCTIONNEMENT D'AIGUILLAGE ET CROISEMENT DE VOIES DE CHEMIN DE FER**

[72] BEMMENT, SAMUEL DAVID, GB

[72] DIXON, ROGER, GB

[72] GOODALL, ROGER MORGAN, GB

[71] LOUGHBOROUGH UNIVERSITY, GB

[85] 2016-08-05

[86] 2014-12-17 (PCT/GB2014/053732)

[87] (WO2015/092396)

[30] GB (1322641.0) 2013-12-20

[30] GB (1322660.0) 2013-12-20

[30] GB (1403674.3) 2014-03-03

[21] **2,938,921**  
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 48/00 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A61P 9/06 (2006.01) A61P 9/10 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **CODON-OPTIMIZED NUCLEOTIDE SEQUENCE ENCODING MG53, ITS RECOMBINANTS AND USE THEREOF**

[54] **SEQUENCE NUCLEOTIDIQUE CODANTE DE PROTEINE MG53 AYANT UNE OPTIMISATION DES CODONS, RECOMBINE ET UTILISATION ASSOCIEE**

[72] XIAO, RUIPING, CN

[72] CAO, CHUNMEI, CN

[72] ZHANG, YAN, CN

[72] LV, FENGXIANG, CN

[71] BOYA PHARMACEUTICAL INC., CN

[85] 2016-08-05

[86] 2015-01-29 (PCT/CN2015/071808)

[87] (WO2015/131728)

[30] CN (201410080068.5) 2014-03-06

[21] **2,938,922**  
[13] A1

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[25] EN

[54] **TOPICAL ANTIFUNGAL COMPOSITION FOR TREATING ONYCHOMYCOSIS**

[54] **COMPOSITION ANTIFONGIQUE TOPIQUE DESTINEE AU TRAITEMENT DE L'ONYCHOMYCOSE**

[72] MAILLAND, FEDERICO, CH

[72] CERIANI, DANIELA, IT

[72] IOB, GIULIANA, CH

[72] SARNO, SIMONE, IT

[71] POLICHEM SA, LU

[85] 2016-08-05

[86] 2015-02-18 (PCT/EP2015/053352)

[87] (WO2015/124586)

[30] EP (14156113.4) 2014-02-21

[21] **2,938,923**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01)**

[25] EN

[54] **PROCESS OF PREPARING 3-(3-(4-(1-AMINOCYCLOBUTYL)PHENYL)-5-PHENYL-3H-IMIDAZO[4,5-B]PYRIDIN-2-YL)PYRIDIN-2-AMINE**

[54] **PROCEDE DE PREPARATION DE 3-(3-(4-(1-AMINOCYCLOBUTYL)PHENYL)-5-PHENYL-3 H-IMIDAZO [4,5-B]PYRIDIN-2-YL)PYRIDIN -2-AMINE**

[72] BATES, CRAIG, US

[72] CHEN, JIAN-XIE, US

[72] MAO, JIANMIN, US

[72] REED, DAVID P., US

[71] ARQULE INC., US

[85] 2016-08-05

[86] 2015-03-24 (PCT/US2015/022177)

[87] (WO2015/148464)

[30] US (61/969,546) 2014-03-24

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) C07D 409/14 (2006.01)**

[25] EN

[54] **PYRAZOLYL-UREAS AS KINASE INHIBITORS**

[54] **PYRAZOLYL-UREES EN TANT QU'INHIBITEURS DE KINASE**

[72] LONGSHAW, ALASTAIR IAN, GB

[72] FORDYCE, EUAN ALEXANDER FRASER, GB

[72] ONIONS, STUART THOMAS, GB

[72] KING-UNDERWOOD, JOHN, GB

[72] VENABLE, JENNIFER DIANE, US

[72] WALTERS, IAIN, GB

[71] RESPIVERT LIMITED, GB

[71] TOPIVERT PHARMA LIMITED, GB

[85] 2016-08-05

[86] 2015-02-13 (PCT/GB2015/050401)

[87] (WO2015/121660)

[30] US (61/940,282) 2014-02-14

[30] US (61/941,064) 2014-02-18

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[13] A1

[51] **Int.Cl. B67D 7/34 (2010.01)**  
[25] EN  
[54] **APPARATUS FOR EMPTYING A FLUID CONTAINER AND METHOD FOR COUPLING A FLUID CONTAINER TO A CORRESPONDING APPARATUS**  
[54] **APPAREIL PERMETTANT DE VIDER UN RECIPIENT DE FLUIDE ET PROCEDE D'ACCOUPLLEMENT D'UN RECIPIENT DE FLUIDE A UN APPAREIL CORRESPONDANT**  
[72] SCHWEBLE, MARTIN, DE  
[72] NAHIDINO, MASSOUD, DE  
[71] ECOLAB USA INC., US  
[85] 2016-08-05  
[86] 2014-02-10 (PCT/EP2014/052534)  
[87] (WO2015/117679)

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[13] A1

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[54] **NECESSAIRE DE PREPARATION D'UN PRODUIT RADIOPHARMACEUTIQUE**  
[72] ZEEVAART, JAN RIJN, ZA  
[72] SZUCS, ZOLTAN, HU  
[72] WAGENER, JUDITH, ZA  
[71] THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED, ZA  
[85] 2016-08-05  
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[30] GB (1402132.3) 2014-02-07

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[51] **Int.Cl. F04D 13/08 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**  
[25] EN  
[54] **MAGNETIC ANTI-GAS LOCK ROD PUMP**  
[54] **POMPE A TIGE DE VERROUILLAGE ANTI-GAZ MAGNETIQUE**  
[72] BEBAK, KENNETH T., US  
[72] DEARMAN, CARROLL SCOTT, US  
[72] GUNTER, SHAWN N., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-08-05  
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[87] (WO2015/122990)  
[30] US (61/940,667) 2014-02-17

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[51] **Int.Cl. G01N 33/80 (2006.01)**  
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[54] **CROSSMATCHING BLOOD SAMPLES**  
[54] **EPREUVE DE COMPATIBILITE CROISEE POUR ECHANTILLONS DE SANG**  
[72] ROBB, JANINE SCOTT, GB  
[72] ROBSON, DAVID COOPER, GB  
[72] RENAUULT, NEIL KEVIN, GB  
[72] CLAXTON, CHRISTOPHER ROBERT JAMES, GB  
[71] QBD (QS-IP) LIMITED, GB  
[85] 2016-08-05  
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[87] (WO2015/118347)  
[30] GB (1402174.5) 2014-02-07

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[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**  
[25] EN  
[54] **DYNAMIC ALTERATION OF TRACK DATA**  
[54] **ALTERATION DYNAMIQUE DE DONNEES DE SUIVI**  
[72] BRICKELL, JUSTIN LEE, US  
[72] MAHADEVAN, SWAMINATHAN, US  
[72] BUTLER, HARRY LEE, IV, US  
[72] WIELER, BOBBY, US  
[72] BLANCO, IGNACIO CARLOS, US  
[71] GOOGLE INC., US  
[85] 2016-08-05  
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[30] US (14/174,828) 2014-02-06

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/00 (2006.01) C22C 38/50 (2006.01) C21D 9/28 (2006.01)**  
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[54] **RAIL VEHICLE AXLE**  
[54] **ESSIEU DE TRAIN**  
[72] MAKINO, TAIZO, JP  
[72] TAKESHITA, YUKITERU, JP  
[72] MIZUI, NAOMITSU, JP  
[72] WAKASU, YUTAKA, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2016-08-05  
[86] 2015-02-25 (PCT/JP2015/000942)  
[87] (WO2015/129258)  
[30] JP (2014-035501) 2014-02-26  
[30] JP (2015-006247) 2015-01-15

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[54] **CAMION-BENNE**  
[72] URANAKA, KYOUJI, JP  
[72] MAEDA, TATSUYA, JP  
[72] JINNO, TOMOKO, JP  
[71] KOMATSU LTD., JP  
[85] 2016-08-05  
[86] 2014-02-27 (PCT/JP2014/054981)  
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[13] A1

[51] **Int.Cl. A63H 27/10 (2006.01)**  
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[54] **APPARATUS, SYSTEM AND METHOD FOR FILLING CONTAINERS WITH FLUIDS**  
[54] **APPEAREIL, SYSTEME ET PROCEDE POUR REMPLIR DES RECIPIENTS DE FLUIDES**  
[72] MALONE, JOSHUA, US  
[71] TINNUS ENTERPRISES, LLC, US  
[85] 2016-08-05  
[86] 2015-03-10 (PCT/IB2015/051747)  
[87] (WO2015/118518)  
[30] US (14/492,487) 2014-09-22

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[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) A61P 13/12 (2006.01) C07K 14/435 (2006.01) C12N 15/09 (2006.01) C12Q 1/68 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **PREVENTIVE OR THERAPEUTIC AGENT FOR KIDNEY DISEASE**  
[54] **AGENT PREVENTIF OU THERAPEUTIQUE CONTRE UNE MALADIE RENALE**  
[72] MIYAZAKI, TORU, JP  
[71] MIYAZAKI, TORU, JP  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/JP2015/053415)  
[87] (WO2015/119253)  
[30] JP (2014-022041) 2014-02-07

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[13] A1

[51] **Int.Cl. F28C 1/00 (2006.01) F28F 27/00 (2006.01) H02P 27/04 (2016.01)**  
[25] EN  
[54] **DIRECT-DRIVE SYSTEM FOR COOLING SYSTEM FANS, EXHAUST BLOWERS AND PUMPS**  
[54] **SYSTEME D'ENTRAINEMENT DIRECT POUR VENTILATEURS DE SYSTEME DE REFROIDISSEMENT, VENTILATEURS D'EVACUATION ET POMPES**  
[72] ROLLINS, PATRICK M., US  
[72] LUCAS, GEORGE M., US  
[71] PRIME DATUM DEVELOPMENT COMPANY, LLC, US  
[85] 2016-08-05  
[86] 2014-02-03 (PCT/US2014/014408)  
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[54] **RADIO ACCESS NETWORKS**  
[54] **RESEAUX D'ACCES RADIO**  
[72] EYUBOGLU, VEDAT, US  
[72] BARABELL, ARTHUR J., US  
[72] SANDBERG, STUART, US  
[71] AIRVANA LP, US  
[85] 2016-08-05  
[86] 2014-02-06 (PCT/US2014/015137)  
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[30] US (13/762,283) 2013-02-07  
[30] US (13/762,284) 2013-02-07  
[30] US (13/762,292) 2013-02-07

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/08 (2012.01)**  
[25] EN  
[54] **ADVERTISEMENT PRICE DISCOUNTING**  
[54] **REDUCTION DE PRIX DE PUBLICITE**  
[72] SPRECHER, BENJAMIN, US  
[72] VOGENTHALER, ALEXANDER ROSENSCHEIN, US  
[72] GORMLEY, PAUL DEXTER, US  
[72] KIM, DONG MIN, US  
[72] MENTGEN, JOHN ROBERT, US  
[71] GOOGLE INC., US  
[85] 2016-08-05  
[86] 2014-02-07 (PCT/US2014/015429)  
[87] (WO2015/119625)

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[13] A1

[51] **Int.Cl. B01J 23/44 (2006.01) B01J 35/02 (2006.01) H01M 4/86 (2006.01) H01M 4/90 (2006.01) H01M 4/92 (2006.01)**  
[25] EN  
[54] **CARBON-SUPPORTED CATALYST**  
[54] **CATALYSEUR A SUPPORT CARBONE**  
[72] KANEKO, KEIICHI, JP  
[72] TAKEHIRO, NAOKI, JP  
[72] TAKEUCHI, NORIMITSU, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[25] EN

[54] **DIVALENT ION REMOVAL FROM MONOETHYLENE GLYCOL (MEG) FEED STREAMS**

[54] **ELIMINATION D'IONS DIVALENTS A PARTIR DE FLUX D'ALIMENTATION EN MONOETHYLENE GLYCOL (MEG)**

[72] BUSSELL, BRYAN A., GB  
[72] CRAWLEY-BOEVEY, SIMON, GB  
[72] JARIWALA, ANKUR D., US  
[71] CAMERON SOLUTIONS, INC., US  
[85] 2016-08-05  
[86] 2014-02-11 (PCT/US2014/015827)  
[87] (WO2015/119639)  
[30] US (14/176,789) 2014-02-10

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[13] A1

[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/04 (2006.01) C22B 7/00 (2006.01)**

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[54] **SCANDIUM RECOVERY PROCESS**

[54] **PROCEDE DE RECUPERATION DE SCANDIUM**

[72] NAGAKURA, TOSHIHIKO, JP  
[72] OZAKI, YOSHITOMO, JP  
[72] NAGAI, HIDEMASA, JP  
[72] HIGAKI, TATSUYA, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2016-08-05  
[86] 2015-02-18 (PCT/JP2015/054434)  
[87] (WO2015/125821)  
[30] JP (2014-029537) 2014-02-19

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[13] A1

[51] **Int.Cl. A47L 13/022 (2006.01) A47L 13/10 (2006.01) A47L 13/44 (2006.01) E04F 21/16 (2006.01)**

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[54] **MULTI-PURPOSE CLEANING TROWEL**

[54] **TRUELLE DE NETTOYAGE POLYVALENTE**

[72] MAURER, DAVID A., US  
[71] CREATIVE PRODUCTS INTERNATIONAL, INC., US  
[85] 2016-08-05  
[86] 2014-12-23 (PCT/US2014/072119)  
[87] (WO2015/122965)  
[30] US (14/177,991) 2014-02-11

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[13] A1

[51] **Int.Cl. E21B 23/02 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**

[25] EN

[54] **EASY DRILL SLIP WITH DEGRADABLE MATERIALS**

[54] **COIN GRIPPEUR DE FORAGE FACILE D'UTILISATION, DOTE DE MATIERES DEGRADABLES**

[72] XU, RICHARD YINGQING, US  
[72] XU, ZHIYUE, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-08-05  
[86] 2015-01-26 (PCT/US2015/012847)  
[87] (WO2015/130419)  
[30] US (14/189,214) 2014-02-25

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[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) G01N 33/53 (2006.01)**

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[54] **NOVEL ANTI-PRESEPSIN ANTIBODY**

[54] **NOUVEL ANTICORPS ANTI-PRESEPSINE**

[72] SHIRAKAWA, KAMON, JP  
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP  
[85] 2016-08-05  
[86] 2015-02-25 (PCT/JP2015/055488)  
[87] (WO2015/129774)  
[30] US (61/944674) 2014-02-26

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[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/24 (2006.01)**

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[54] **EPTFE VALVES**

[54] **VALVES EN EPTFE**

[72] DIXON, MATHEW, US  
[72] KOSTA, ALBANA, US  
[71] C. R. BARD, INC., US  
[85] 2016-08-05  
[86] 2014-12-23 (PCT/US2014/072289)  
[87] (WO2015/119721)  
[30] US (61/937,235) 2014-02-07

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[13] A1

[51] **Int.Cl. E21B 47/002 (2012.01) E21B 47/01 (2012.01) G01N 21/01 (2006.01)**

[25] EN

[54] **FIBER OPTIC SHAPE SENSING SYSTEM USING ANCHORING POINTS**

[54] **SYSTEME DE DETECTION DE FORME A FIBRES OPTIQUES A L'AIDE DE POINTS D'ANCRAGE**

[72] DUNCAN, ROGER GLEN, US  
[72] RAUM, MATTHEW THOMAS, US  
[72] LAMBERT, CHRISTOPHER H., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-08-05  
[86] 2015-01-02 (PCT/US2015/010035)  
[87] (WO2015/119728)  
[30] US (14/174,055) 2014-02-06

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[13] A1

[51] **Int.Cl. C10B 57/04 (2006.01)**

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[54] **COAL BLEND**

[54] **MELANGE DE CHARBON**

[72] SHISHIDO, TAKAHIRO, JP  
[72] HAMAGUCHI, MAKI, JP  
[72] KIKUCHI, NAOKI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP  
[85] 2016-08-05  
[86] 2015-03-19 (PCT/JP2015/058387)  
[87] (WO2015/151847)  
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[25] EN  
[54] **DAIRY FARMING SYSTEM**  
[54] **SYSTEME D'ELEVAGE LAITIER**  
[72] LOOSVELD, SERGE LOUIS, NL  
[72] HAVERMANS, CORNELIS CHRISTIANUS FRANCISCUS, NL  
[71] LELY PATENT N.V., NL  
[85] 2016-08-05  
[86] 2015-01-20 (PCT/NL2015/050034)  
[87] (WO2015/122762)  
[30] NL (2012276) 2014-02-17

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[13] A1

[51] **Int.Cl. H01R 4/24 (2006.01)**  
[25] EN  
[54] **MULTI-TAP PIERCING CONNECTOR**  
[54] **CONNECTEUR DE PERCAGE A PRISES MULTIPLES**  
[72] PINEDA, ALEJANDRO, MX  
[72] MAGANA, RODOLFO, MX  
[71] HUBBELL INCORPORATED, US  
[85] 2016-08-05  
[86] 2015-01-30 (PCT/US2015/013744)  
[87] (WO2015/123037)  
[30] US (14/178,748) 2014-02-12

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[13] A1

[51] **Int.Cl. H02G 7/12 (2006.01) H02G 7/14 (2006.01)**  
[25] EN  
[54] **HINGED CLAMP FOR SPACER-DAMPER**  
[54] **DISPOSITIF DE SERRAGE ARTICULE POUR ECARTEUR-AMORTISSEUR**  
[72] DOBRINSKI, DANIEL DAVID, US  
[72] CHAN, PETER, CA  
[71] HUBBELL INCORPORATED, US  
[85] 2016-08-05  
[86] 2015-01-30 (PCT/US2015/013746)  
[87] (WO2015/123038)  
[30] US (14/177,917) 2014-02-11

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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**  
[25] EN  
[54] **MODULAR INTRAOCULAR LENS DESIGNS, TOOLS AND METHODS**  
[54] **CONCEPTIONS DE LENTILLES INTRAOCULAIRES**  
[54] **MODULAIRES, OUTILS ET PROCEDES**  
[72] KAHOOK, MALIK Y., US  
[72] SUSSMAN, GLENN, US  
[72] MCLEAN, PAUL, US  
[72] SCHIEBER, ANDREW THOMAS, US  
[71] CLARVISTA MEDICAL, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US  
[85] 2016-08-05  
[86] 2015-02-02 (PCT/US2015/014046)  
[87] (WO2015/126604)  
[30] US (61/941,167) 2014-02-18  
[30] US (14/610,360) 2015-01-30

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[13] A1

[51] **Int.Cl. H01H 9/54 (2006.01) B60L 11/00 (2006.01)**  
[25] EN  
[54] **PRE-CHARGE CIRCUIT FOR AN ELECTROMECHANICAL RELAY**  
[54] **CIRCUIT DE PRECHARGE POUR RELAIS ELECTROMECHANIQUE**  
[72] NGO, TIEN DUC, US  
[71] TYCO ELECTRONICS CORPORATION, US  
[85] 2016-08-05  
[86] 2015-02-02 (PCT/US2015/014069)  
[87] (WO2015/123046)  
[30] US (14/177,316) 2014-02-11

[21] **2,938,970**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **TREATING FLAVIVIRUS INFECTIONS WITH AMODIAQUINE AND DERIVATIVES THEREOF**  
[54] **TRAITEMENT D'INFECTIONS PAR UN FLAVIVIRUS AVEC DE L'AMODIAQUINE ET SES DERIVES**  
[72] PADMANABHAN, RADHAKRISHNAN, US  
[72] BOONYASUPPAYAKORN, SIWAPORN, TH  
[72] NAGARAJAN, KUPPUSWAMY, IN  
[71] GEORGETOWN UNIVERSITY, US  
[71] NAGARAJAN, KUPPUSWAMY, IN  
[85] 2016-08-05  
[86] 2015-02-05 (PCT/US2015/014578)  
[87] (WO2015/120127)  
[30] US (61/936,453) 2014-02-06

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[13] A1

[51] **Int.Cl. C07D 493/08 (2006.01) A61K 31/352 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **AZA-EPOXY-GUAIANE DERIVATIVES AND TREATMENT OF CANCER**  
[54] **DERIVES D'AZA-EPOXY-GUAIANE ET TRAITEMENT DU CANCER**  
[72] CHAIN, WILLIAM J., US  
[72] BEUTLER, JOHN A., US  
[72] FASH, DAVID, US  
[72] FIGG, WILLIAM D., US  
[72] LI, ZHENWU, US  
[72] PEER, CODY JOHN, US  
[72] RAMOS, JOE WILLIAM, US  
[72] SULZMAIER, FLORIAN J., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[71] UNIVERSITY OF HAWAII, US  
[85] 2016-08-05  
[86] 2015-02-05 (PCT/US2015/014601)  
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[30] US (61/936,285) 2014-02-05  
[30] US (62/018,381) 2014-06-27

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[51] **Int.Cl. A61B 17/32 (2006.01)**  
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[54] **CATHETERS D'ATHERECTOMIE ET DISPOSITIFS TRAVERSANT UNE OCCLUSION**  
[72] PATEL, HIMANSHU N., US  
[72] SIMPSON, JOHN B., US  
[72] ZUNG, MICHAEL, US  
[72] LAM, WENDY NGO, US  
[71] AVINGER, INC., US  
[85] 2016-08-05  
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[30] US (61/936,837) 2014-02-06

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[51] **Int.Cl. G06T 19/00 (2011.01) G01B 11/24 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DISPLAYING ROOM INTERIORS ON A FLOOR PLAN**  
[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'INTERIEURS DE PIECES SUR UN PLAN**  
[72] SCHULTZ, STEPHEN L., US  
[71] PICTOMETRY INTERNATIONAL CORP., US  
[85] 2016-08-05  
[86] 2015-02-05 (PCT/US2015/014674)  
[87] (WO2015/120188)  
[30] US (61/937,488) 2014-02-08

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[13] A1

[51] **Int.Cl. C11D 3/48 (2006.01) C11D 3/20 (2006.01) C11D 7/26 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS WITH EFFICACY AGAINST SPORES AND OTHER ORGANISMS**  
[54] **COMPOSITIONS ET PROCEDES EFFICACES CONTRE LES SPORES ET AUTRES ORGANISMES**  
[72] BINGHAM, JAMES EDMUND, US  
[72] MACINGA, DAVID R., US  
[71] GOJO INDUSTRIES, INC., US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014728)  
[87] (WO2015/120216)  
[30] US (61/936,945) 2014-02-07  
[30] US (62/067,068) 2014-10-22

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[13] A1

[51] **Int.Cl. G01R 31/327 (2006.01) G01L 27/00 (2006.01) H01H 35/26 (2006.01)**  
[25] EN  
[54] **PORTABLE PRESSURE SWITCH CALIBRATION AND DIAGNOSTIC TOOL**  
[54] **ETALONNAGE DE PRESSOSTAT PORTABLE ET OUTIL DE DIAGNOSTIC**  
[72] MCFARLAND, RICHARD DEAN, US  
[71] GOOD DAY TOOLS LLC, US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014763)  
[87] (WO2015/120238)  
[30] US (14/175,188) 2014-02-07

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[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) G05B 19/4097 (2006.01) G06F 17/50 (2006.01)**  
[25] EN  
[54] **CUSTOMIZED, WEARABLE 3D PRINTED ARTICLES AND METHODS OF MANUFACTURING SAME**  
[54] **ARTICLES IMPRIMES 3D PORTABLES PERSONNALISES ET PROCEDES DE FABRICATION DE CEUX-CI**  
[72] SISK, TYLER J., US  
[71] PRINTER TAILORED, LLC, US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014817)  
[87] (WO2015/120271)  
[30] US (61/937,217) 2014-02-07  
[30] US (62/064,337) 2014-10-15

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[21] **2,938,984**  
[13] A1

[51] **Int.Cl. F16K 1/12 (2006.01) E21B 34/02 (2006.01) F16K 31/54 (2006.01)**  
[25] EN  
[54] **IN-LINE CONTROL VALVE**  
[54] **VANNE DE REGULATION EN LIGNE**  
[72] MCHUGH, EDMUND, IE  
[71] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014823)  
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[51] **Int.Cl. A61K 38/08 (2006.01) A61P 9/12 (2006.01) C07K 7/14 (2006.01)**

[25] EN

[54] **CRYSTALLINE AND AMORPHOUS FORMS OF A BETA-ARRESTIN EFFECTOR**

[54] **FORMES CRISTALLINES ET AMORPHES D'UN EFFECTEUR BETA-ARRESTINE**

[72] SANGHVI, RITESH, US  
[72] ALCORN, GREGORY, US  
[72] LAWTON, GRAHAM RICHARD, US  
[72] YU, MEIKI, US  
[72] RONSHEIM, MATTHEW, US  
[72] TIAN, JIAHER, US  
[72] ZHOU, SHAO HONG, US  
[72] KALYAN, YURIY B., US  
[71] TREVENA, INC., US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014892)  
[87] (WO2015/120316)  
[30] US (61/936,914) 2014-02-07

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[13] A1

[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/24 (2006.01) A61B 1/247 (2006.01)**

[25] EN

[54] **INSPECTION OF DENTAL ROOTS AND THE ENDODONTIC CAVITY SPACE THEREIN**

[54] **CONTROLE DE RACINES DENTAIRE ET DE L'ESPACE DE LA CAVITE ENDODONTIQUE A L'INTERIEUR DE CELLES-CI**

[72] AMMON, DAN, US  
[72] RIGSBY, STEPHEN, US  
[72] WILKINSON, KEVIN, US  
[72] ATKINSON, BRIAN, US  
[71] DENTSPLY INTERNATIONAL INC., US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014935)  
[87] (WO2015/120348)  
[30] US (61/936,513) 2014-02-06  
[30] US (62/049,624) 2014-09-12

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[13] A1

[51] **Int.Cl. A61K 31/35 (2006.01) A61M 16/10 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **METHODS FOR THE TREATMENT OF LUNG DISEASES WITH MAST CELL STABILIZERS**

[54] **STABILISATEURS DE MEMBRANE UTILISES POUR LE TRAITEMENT DE PNEUMOPATHIES**

[72] GERHART, WILLIAM, US  
[72] KELLER, MANFRED, DE  
[72] TUTUNCU, AHMET, US  
[72] SONI, PRAVIN, US  
[71] PATARA PHARMA, LLC, US  
[85] 2016-08-05  
[86] 2015-02-09 (PCT/US2015/015033)  
[87] (WO2015/120392)  
[30] US (61/937,928) 2014-02-10  
[30] US (61/971,709) 2014-03-28  
[30] US (61/978,711) 2014-04-11  
[30] US (62/105,453) 2015-01-20

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[21] **2,938,992**  
[13] A1

[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/89 (2006.01) A61Q 1/00 (2006.01) A61Q 19/00 (2006.01)**

[25] EN

[54] **METHOD, COMPOSITIONS, AND KIT FOR MODULATING THE APPEARANCE OF VOLUME ON KERATIN SURFACES**

[54] **PROCEDE, COMPOSITIONS, ET TROUSSE POUR MODULER L'ASPECT DE VOLUME DE SURFACES KERATINIQUES**

[72] PERNODET, NADINE A., US  
[72] YAROSH, DANIEL B., US  
[72] COLLINS, DONALD F., US  
[72] MCCARTHY, JAMES T., US  
[71] ELC MANAGEMENT LLC, US  
[85] 2016-08-05  
[86] 2015-02-06 (PCT/US2015/014900)  
[87] (WO2015/123115)  
[30] US (61/938,261) 2014-02-11

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[21] **2,938,994**  
[13] A1

[51] **Int.Cl. A61K 31/35 (2006.01) A61M 16/10 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **MAST CELL STABILIZERS TREATMENT FOR SYSTEMIC DISORDERS**

[54] **TRAITEMENT UTILISANT DES STABILISATEURS DE MASTOCYTES POUR DES TROUBLES SYSTEMIQUES**

[72] GERHART, WILLIAM, US  
[72] KELLER, MANFRED, DE  
[72] TUTUNCU, AHMET, US  
[72] SONI, PRAVIN, US  
[71] PATARA PHARMA, LLC, US  
[85] 2016-08-05  
[86] 2015-02-09 (PCT/US2015/015029)  
[87] (WO2015/120389)  
[30] US (61/937,928) 2014-02-10  
[30] US (61/971,709) 2014-03-28  
[30] US (61/978,711) 2014-04-11  
[30] US (62/105,423) 2015-01-20

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[13] A1

[51] **Int.Cl. E21B 33/035 (2006.01) E21B 33/06 (2006.01) E21B 47/09 (2012.01)**

[25] EN

[54] **MEASUREMENT SYSTEM**

[54] **SYSTEME DE MESURE**

[72] JAFFREY, ANDREW, GB  
[71] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2016-08-05  
[86] 2015-02-09 (PCT/US2015/015052)  
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[30] US (14/181,185) 2014-02-14

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[13] A1

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- [25] EN
- [54] **BACKFILL, METHODS OF MAKING, AND USE THEREOF**
- [54] **REMBLAIS, PROCEDES DE FABRICATION CORRESPONDANT ET SON UTILISATION**
- [72] PURCELL, ROBERT J., US
- [72] PARKER, DENNIS C., US
- [72] FENDLEY, PAUL, US
- [72] COETZEE, RUDOLF M., US
- [72] FELDMAN, STEVEN B., US
- [71] ACTIVE MINERALS INTERNATIONAL, LLC, US
- [85] 2016-08-05
- [86] 2015-02-23 (PCT/US2015/017087)
- [87] (WO2015/127360)
- [30] US (61/943,714) 2014-02-24
- [30] US (14/266,627) 2014-04-30

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[21] **2,939,001**  
[13] A1

- [51] **Int.Cl. G06F 17/00 (2006.01) G06K 9/62 (2006.01)**
- [25] EN
- [54] **PERFORMING ACTIONS ASSOCIATED WITH INDIVIDUAL PRESENCE**
- [54] **REALISATION D' ACTIONS ASSOCIEES A LA PRESENCE D'INDIVIDUS**
- [72] HUYBREGTS, CHRIS, US
- [72] KIM, JAEYOUN, US
- [72] BETSER, MICHAEL A., US
- [72] BUTCHER, THOMAS C., US
- [72] KHAN, YASER MASOOD, US
- [71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
- [85] 2016-08-05
- [86] 2015-02-26 (PCT/US2015/017615)
- [87] (WO2015/130859)
- [30] US (14/194,031) 2014-02-28

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[21] **2,939,002**  
[13] A1

- [51] **Int.Cl. H04W 56/00 (2009.01) H04W 52/02 (2009.01)**
- [25] EN
- [54] **SYSTEM AND METHOD FOR MAINTAINING SYNCHRONIZATION WITH LOW POWER ENDPOINTS IN A TIME SYNCHRONIZED CHANNEL HOPPING NETWORK**
- [54] **SYSTEME ET PROCEDE POUR MAINTENIR UNE SYNCHRONISATION AVEC DES POINTS D'EXTREMITE A FAIBLE CONSOMMATION D'ENERGIE DANS UN RESEAU DE SAUT DE CANAL SYNCHRONISE DANS LE TEMPS**
- [72] SHUDARK, JEFFREY, US
- [72] CALVERT, CHRISTOPHER, US
- [71] LANDIS+GYR INNOVATIONS, INC., US
- [85] 2016-08-05
- [86] 2015-02-26 (PCT/US2015/017625)
- [87] (WO2015/130869)
- [30] US (61/966,648) 2014-02-26

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[13] A1

- [51] **Int.Cl. H02S 99/00 (2014.01) H02S 40/32 (2014.01) H01L 31/02 (2006.01) H02J 3/38 (2006.01)**
- [25] EN
- [54] **METHOD AND SYSTEM FOR APPLYING ELECTRIC FIELDS TO MULTIPLE SOLAR PANELS**
- [54] **PROCEDE ET SYSTEME PERMETTANT D'APPLIQUER DES CHAMPS ELECTRIQUES A DE MULTIPLES PANNEAUX SOLAIRES**
- [72] MCNAMARA, ROBERT P., US
- [72] RAYMOND, DOUGLAS M., US
- [71] SOLARLYTICS, INC., US
- [85] 2016-08-05
- [86] 2015-03-03 (PCT/US2015/018552)
- [87] (WO2015/134549)
- [30] US (61/947,326) 2014-03-03
- [30] US (62/022,087) 2014-07-08
- [30] US (14/628,079) 2015-02-20

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[13] A1

- [51] **Int.Cl. B65G 15/34 (2006.01) B32B 5/00 (2006.01) C08K 3/36 (2006.01)**
- [25] EN
- [54] **ENVIRONMENTALLY FRIENDLY RUBBER COMPOSITION**
- [54] **COMPOSITION DE CAOUTCHOUC ECOLOGIQUE**
- [72] BEYER, MARK, US
- [71] WCCO BELTING, INC., US
- [85] 2016-08-05
- [86] 2015-03-05 (PCT/US2015/019016)
- [87] (WO2016/043805)
- [30] US (62/051,755) 2014-09-17

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[13] A1

- [51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/74 (2006.01)**
- [25] EN
- [54] **VACCINE COMPOSITIONS AND METHODS FOR RESTORING NKG2D PATHWAY FUNCTION AGAINST CANCERS**
- [54] **COMPOSITIONS VACCINALES ET METHODES POUR RETABLIR LA FONCTION DE LA VOIE NKG2D CONTRE LES CANCERS**
- [72] DRANOFF, GLENN, US
- [72] WUCHERPFENNING, KAI W., US
- [72] HARVEY, CHRISTOPHER, US
- [72] HODI, F. STEPHEN, US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [85] 2016-08-05
- [86] 2015-03-16 (PCT/US2015/020694)
- [87] (WO2015/139020)
- [30] US (61/953,064) 2014-03-14

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[21] **2,939,008**  
[13] A1

[51] **Int.Cl. H04W 16/32 (2009.01)**  
[25] EN  
[54] **BASE STATION, SMALL CELL, AND METHOD FOR SCHEDULING COMMUNICATIONS LINK RESOURCE**  
[54] **CELLULE, PETITE CELLULE, ET PROCEDE DE PROGRAMMATION DE RESSOURCES DE LIAISON DE COMMUNICATION**  
[72] HUANG, LEI, CN  
[72] LI, JIAN, CN  
[72] LIANG, YONGMING, CN  
[71] HUAWEI TECHNOLOGIES CO., LTD., CN  
[85] 2016-08-08  
[86] 2014-02-27 (PCT/CN2014/072621)  
[87] (WO2015/127618)

[21] **2,939,009**  
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01)**  
[25] EN  
[54] **SIMPLIFIED ADVANCED RESIDUAL PREDICTION FOR 3D-HEVC**  
[54] **PREDICTION RESIDUELLE AVANCEE SIMPLIFIEE POUR CODAGE HEVC 3D**  
[72] LIU, HONGBIN, CN  
[72] CHEN, YING, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-08-08  
[86] 2014-03-13 (PCT/CN2014/073353)  
[87] (WO2015/135172)

[21] **2,939,011**  
[13] A1

[51] **Int.Cl. H01R 25/14 (2006.01) H01R 24/00 (2011.01)**  
[25] EN  
[54] **SMART HOME ELECTRIC POWER CONNECTING SYSTEM**  
[54] **SYSTEME DE CONNEXION POUR ALIMENTATION ELECTRIQUE DOMESTIQUE INTELLIGENT**  
[72] ZHU, WENTING, CN  
[71] XIANGYU TECHNOLOGY SHANGHAI CO., LTD, CN  
[85] 2016-08-08  
[86] 2015-01-27 (PCT/CN2015/071647)  
[87] (WO2015/165291)  
[30] CN (201410170743.3) 2014-04-27

[21] **2,939,012**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/404 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) C07D 403/14 (2006.01)**  
[25] EN  
[54] **PYRROLE-SUBSTITUTED INDOLONE DERIVATIVE, PREPARATION METHOD THEREFOR, COMPOSITION COMPRISING THE SAME AND USE THEREOF**  
[54] **DERIVE D'INDOLONE A SUBSTITUTION PYRROLE, SON PROCEDE DE PREPARATION, COMPOSITION LE COMPRENANT, ET SON UTILISATION**  
[72] HU, LIHONG, CN  
[72] ZHAO, SHAOHUA, CN  
[72] LIU, PENG, CN  
[72] LI, XIANGJUN, CN  
[72] AN, JUNYONG, CN  
[72] ZHOU, MENGXIA, CN  
[72] ZHANG, LILI, CN  
[72] YAO, ZIJIAN, CN  
[71] SHIJIAZHANG YILING PHARMACEUTICAL CO., LTD., CN  
[85] 2016-08-08  
[86] 2015-02-04 (PCT/CN2015/072230)  
[87] (WO2015/117551)  
[30] CN (201410046278.2) 2014-02-10

[21] **2,939,014**  
[13] A1

[51] **Int.Cl. H02M 1/08 (2006.01) H02M 7/483 (2007.01) H02M 7/5387 (2007.01)**  
[25] EN  
[54] **NETWORKED CONTROL OF A MODULAR MULTI-LEVEL CONVERTER**  
[54] **COMMANDE EN RESEAU D'UN CONVERTISSEUR MULTINIVEAU MODULAIRE**  
[72] PEYRL, HELFRIED, CH  
[72] MASTELLONE, SILVIA, CH  
[71] ABB SCHWEIZ AG, CH  
[85] 2016-08-08  
[86] 2015-01-30 (PCT/EP2015/051978)  
[87] (WO2015/117901)  
[30] EP (14154272.0) 2014-02-07

[21] **2,939,015**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 49/06 (2006.01)**  
[25] EN  
[54] **METAL CHELATE COMPOUNDS FOR BINDING TO THE PLATELET SPECIFIC GLYCOPROTEIN IIB/IIIA**  
[54] **COMPOSES A BASE DE CHELATES METALLIQUES POUR LA LIAISON A LA GLYCOPROTEINE IIB/IIIA SPECIFIQUE DES PLAQUETTES**  
[72] BERGER, MARKUS, DE  
[72] LOHRKE, JESSICA, DE  
[72] JOST, GREGOR, DE  
[72] REINHARDT, MICHAEL, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2016-08-08  
[86] 2015-02-06 (PCT/EP2015/052488)  
[87] (WO2015/121163)  
[30] EP (14154725.7) 2014-02-11

[21] **2,939,016**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01)**  
[25] FR  
[54] **ELECTRONIC TRANSACTION METHOD AND SYSTEM VIA A PORTABLE ACCESSORY**  
[54] **PROCEDE ET SYSTEME DE TRANSACTION ELECTRONIQUE VIA UN ACCESSOIRE PORTABLE**  
[72] SILVESTRE, THIERRY, FR  
[72] RADE, DANIEL, FR  
[72] BALOCCO, SEBASTIEN, FR  
[71] GEMALTO SA, FR  
[85] 2016-08-05  
[86] 2015-02-16 (PCT/EP2015/053232)  
[87] (WO2015/124535)  
[30] EP (14305225.6) 2014-02-18

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[13] A1

[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/00 (2006.01) B23K 11/16 (2006.01) B60R 19/04 (2006.01) B60R 19/34 (2006.01) B62D 25/04 (2006.01) B62D 25/08 (2006.01) B62D 25/20 (2006.01) C22C 38/00 (2006.01) C22C 38/38 (2006.01)**

[25] EN

[54] **WELDED STRUCTURE AND METHOD FOR MANUFACTURING THE SAME**

[54] **STRUCTURE SOUDEE ET SON PROCEDE DE FABRICATION**

[72] NAKAZAWA, YOSHIAKI, JP

[72] OKADA, TOHRU, JP

[72] ITO, YASUHIRO, JP

[72] YASUYAMA, MASANORI, JP

[72] SAWA, YASUNORI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-08-02

[86] 2015-03-16 (PCT/JP2015/057656)

[87] (WO2015/137512)

[30] JP (2014-051085) 2014-03-14

[30] JP (2014-175572) 2014-08-29

[21] **2,939,018**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 31/138 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL OR NUTRACEUTICAL COMPOSITION WITH SUSTAINED RELEASE CHARACTERISTIC AND WITH RESISTANCE AGAINST THE INFLUENCE OF ETHANOL**

[54] **COMPOSITION PHARMACEUTIQUE OU NUTRACEUTIQUE DOTEE D'UNE CARACTERISTIQUE DE LIBERATION PROLONGEE ET D'UNE RESISTANCE CONTRE L'INFLUENCE DE L'ETHANOL**

[72] JOSHI, SHRADDHA SANJEEV, IN

[72] SHAH, HARSH, IN

[72] PATIL, PREETI, IN

[72] SHETTY, SMITHA, IN

[72] PARAB, PRIYANKA, IN

[71] EVONIK ROHM GMBH, DE

[85] 2016-08-08

[86] 2015-02-09 (PCT/EP2015/052610)

[87] (WO2015/121189)

[30] IN (738/CHE/2014) 2014-02-17

[21] **2,939,019**  
[13] A1

[51] **Int.Cl. F04D 13/08 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**

[25] EN

[54] **ELECTRIC SUBMERSIBLE PUMP COMPONENTS**

[54] **COMPOSANTS DE POMPE SUBMERSIBLE ELECTRIQUE**

[72] CHANG, LYE HENG, SG

[72] ANG SZE JIUNN, JEROME, SG

[72] CHEAH, KEAN WEE, SG

[72] ESLINGER, DAVID MILTON, US

[72] BOBKOV, RUSLAN ALEXANDROVICH, SG

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-08-05

[86] 2015-02-11 (PCT/US2015/015314)

[87] (WO2015/123236)

[30] US (61/938,698) 2014-02-12

[30] US (61/949,122) 2014-03-06

[21] **2,939,021**  
[13] A1

[51] **Int.Cl. C07D 235/30 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **BENZIMIDAZOL-2-AMINES AS MIDH1 INHIBITORS**

[54] **BENZIMIDAZOL-2-AMINES UTILISEES EN TANT QU'INHIBITEURS DE MIDH1**

[72] REHWINKEL, HARTMUT, DE

[72] SIEBENEICHER, HOLGER, DE

[72] ANLAUF, SONJA, DE

[72] NGUYEN, DUY, DE

[72] PANKNIN, OLAF, DE

[72] RING, SVEN, DE

[72] SCHWEDE, WOLFGANG, DE

[72] BAUSER, MARCUS, DE

[72] ZIMMERMANN, KATJA, DE

[72] KAULFUSS, STEFAN, DE

[72] NEUHAUS, ROLAND, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2016-08-08

[86] 2015-02-10 (PCT/EP2015/052675)

[87] (WO2015/121209)

[30] EP (14154680.4) 2014-02-11

[30] EP (14182001.9) 2014-08-22

[21] **2,939,026**  
[13] A1

[51] **Int.Cl. C07D 235/30 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **BENZIMIDAZOL-2-AMINES AS MIDH1 INHIBITORS**

[54] **BENZIMIDAZOL-2-AMINES EN TANT QU'INHIBITEURS MIDH1**

[72] REHWINKEL, HARTMUT, DE

[72] PANKNIN, OLAF, DE

[72] RING, SVEN, DE

[72] ANLAUF, SONJA, DE

[72] SIEBENEICHER, HOLGER, DE

[72] NGUYEN, DUY, DE

[72] SCHWEDE, WOLFGANG, DE

[72] BAUSER, MARCUS, DE

[72] ZIMMERMANN, KATJA, DE

[72] KAULFUSS, STEFAN, DE

[72] NEUHAUS, ROLAND, DE

[72] BLANEY, PAUL MATTHEW, GB

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2016-08-08

[86] 2015-02-10 (PCT/EP2015/052676)

[87] (WO2015/121210)

[30] EP (14154680.4) 2014-02-11

[30] EP (14182002.7) 2014-08-22

[21] **2,939,028**  
[13] A1

[51] **Int.Cl. B62D 21/14 (2006.01) B60P 1/02 (2006.01) B62D 63/06 (2006.01)**

[25] EN

[54] **WIDTH-ADJUSTABLE MODULAR HEAVY GOODS VEHICLE, AND CROSS-FRAME MODULE FOR A HEAVY GOODS VEHICLE OF SAID TYPE**

[54] **POIDS LOURD MODULAIRE AJUSTABLE EN LARGEUR ET MODULE DE CHASSIS TRANSVERSAL POUR UN POIDS LOURD DE CE TYPE**

[72] HAFELE, HORST, DE

[71] GOLDHOFER AG, DE

[85] 2016-08-08

[86] 2015-02-11 (PCT/EP2015/052847)

[87] (WO2015/121291)

[30] DE (10 2014 202 726.8) 2014-02-14

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[13] A1

[51] **Int.Cl. B62D 21/14 (2006.01) B60B 35/10 (2006.01)**

[25] EN

[54] **WIDTH-ADJUSTABLE HEAVY GOODS VEHICLE**

[54] **POIDS LOURD A LARGEUR REGLABLE**

[72] MERKEL, FELIX, DE

[72] HAFELE, HORST, DE

[71] GOLDHOFER AG, DE

[85] 2016-08-08

[86] 2015-02-11 (PCT/EP2015/052849)

[87] (WO2015/121292)

[30] DE (10 2014 202 724.1) 2014-02-14

[21] **2,939,031**  
[13] A1

[51] **Int.Cl. C08G 14/073 (2006.01) C08J 5/24 (2006.01) C08L 79/06 (2006.01)**

[25] EN

[54] **REACTION HYBRID BENZOXAZINE RESINS AND USES THEREOF**

[54] **RESINES COMPOSITES HYBRIDES DE BENZOXAZINE ET LEURS UTILISATIONS**

[72] WANG, DONG, US

[72] KINCAID, DEREK S., US

[72] SMITH, RONALD C. JR., US

[72] RECHICHAR, BRADLEY, US

[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US

[85] 2016-08-05

[86] 2015-02-10 (PCT/US2015/015192)

[87] (WO2015/130464)

[30] US (61/944,598) 2014-02-26

[21] **2,939,032**  
[13] A1

[51] **Int.Cl. C10L 1/197 (2006.01) C08L 23/08 (2006.01)**

[25] EN

[54] **COPOLYMERS COMPRISING ETHYLENE, VINYL ESTERS AND ESTERS OF (METH)ACRYLIC ACID, THEIR FORMULATIONS AND USE AS POUR POINT DEPRESSANT, WAX INHIBITOR AND FLOW ENHANCER FOR CRUDE OILS**

[54] **COPOLYMERES COMPRENANT DE L'ETHYLENE, DES ESTERS DE VINYLE ET DES ESTERS D'ACIDE (METH)ACRYLIQUE, LEURS FORMULATIONS ET LEUR UTILISATION A TITRE D'ABAISEURS DU POINT D'ECOULEMENT, INHIBITEURS DE CIRES ET AMELIORATEURS D'ECOULEMENT POUR HUILES BRUTES**

[72] GARCIA CASTRO, IVETTE, DE

[72] FRENZEL, STEFAN, DE

[72] HEUKEN, MARIA, DE

[72] JACKSON, JENNIFER, DE

[71] BASF SE, DE

[85] 2016-08-08

[86] 2015-02-16 (PCT/EP2015/053212)

[87] (WO2015/124529)

[30] EP (14155611.8) 2014-02-18

[21] **2,939,033**  
[13] A1

[51] **Int.Cl. C09K 21/04 (2006.01) C23F 11/02 (2006.01) C23F 11/08 (2006.01)**

[25] EN

[54] **AMMONIUM POLYPHOSPHATE BASED FIRE-RETARDANT COMPOSITIONS**

[54] **COMPOSITIONS IGNIFUGEANTES A BASE DE POLYPHOSPHATE D'AMMONIUM**

[72] GARNER, ANDREW, CA

[72] KENNEDY, TERRENCE, CA

[72] ROBERGE, MIKE, CA

[71] X'AAN INNOVATIONS INC., CA

[85] 2016-08-08

[86] 2014-02-06 (PCT/CA2014/050082)

[87] (WO2014/121398)

[30] US (61/761,615) 2013-02-06

[21] **2,939,034**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/02 (2006.01) A61K 39/08 (2006.01) A61K 39/12 (2006.01) A61K 39/395 (2006.01) A61P 31/04 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 16/00 (2006.01)**

[25] EN

[54] **METHODS OF MODULATING AN IMMUNE RESPONSE**

[54] **PROCEDES DE MODULATION D'UNE REPONSE IMMUNITAIRE**

[72] BERRY, JODY, CA

[72] NYKIFORUK, CORY, CA

[71] CANGENE CORPORATION, CA

[85] 2016-08-08

[86] 2015-02-19 (PCT/CA2015/050128)

[87] (WO2015/123777)

[30] US (61/941,807) 2014-02-19

[30] US (62/016,419) 2014-06-24

[21] **2,939,036**  
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01)**

[25] EN

[54] **SMALL MOLECULE INHIBITORS OF INFLUENZA A RNA-DEPENDENT RNA POLYMERASE**

[54] **INHIBITEUR A PETITE MOLECULE D'ARN POLYMERASE DEPENDANTE DE L'ARN DE LA GRIPPE A**

[72] NIAZI, KAYVAN, US

[72] RABIZADEH, SHAHROOZ, US

[72] LE NY, ANNE-LAURE, US

[72] BUZKO, OLEKSANDR, US

[72] GOLOVATO, JUSTIN, US

[72] SOON-SHIONG, PATRICK, US

[71] NANT HOLDINGS IP, LLC, US

[85] 2016-08-08

[86] 2013-12-11 (PCT/US2013/074415)

[87] (WO2015/088516)

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[21] **2,939,037**  
[13] A1

[51] **Int.Cl. G01K 1/14 (2006.01) G01D 11/24 (2006.01) G01D 11/30 (2006.01) G01K 13/02 (2006.01)**

[25] FR

[54] **DEVICE FOR ATTACHING A SENSOR TO A PART**

[54] **DISPOSITIF DE FIXATION D'UN CAPTEUR SUR UNE PIECE**

[72] DESCUBES, OLIVIER PIERRE, FR

[72] DROUIN, THOMAS, FR

[72] DURRBACH, EMILIE, FR

[72] PINA-ANDRADE, JOSE-ALEXANDRE, FR

[71] SAFRAN HELICOPTER ENGINES, FR

[85] 2016-08-05

[86] 2015-02-06 (PCT/FR2015/050287)

[87] (WO2015/121570)

[30] FR (1451033) 2014-02-11

[21] **2,939,038**  
[13] A1

[51] **Int.Cl. B65G 45/10 (2006.01) A47L 9/12 (2006.01) A47L 9/20 (2006.01) B65G 15/00 (2006.01)**

[25] EN

[54] **VACUUM SYSTEM AND METHOD OF VACUUMING USING SAME**

[54] **SYSTEME DE GENERATION DE VIDE ET PROCEDE DE NETTOYAGE PAR LE VIDE L'UTILISANT**

[72] TURCOTTE, JEAN-FRANCOIS, CA

[71] FILTRAR TECH INC., CA

[85] 2016-08-08

[86] 2015-03-02 (PCT/CA2015/050154)

[87] (WO2015/131277)

[30] US (61/947,069) 2014-03-03

[21] **2,939,041**  
[13] A1

[51] **Int.Cl. G01F 23/14 (2006.01) G01N 21/25 (2006.01) G01N 21/85 (2006.01) G01F 23/16 (2006.01) G01N 21/05 (2006.01)**

[25] EN

[54] **APPARATUS FOR DETERMINING IDENTITY AND/OR QUANTITY OF A FUEL**

[54] **APPAREIL PERMETTANT DE DETERMINER L'IDENTITE ET/OU LA QUANTITE D'UN COMBUSTIBLE**

[72] POULTER, TREVOR JOHN, GB

[71] MECHTRONIC LTD, GB

[85] 2016-08-08

[86] 2015-02-10 (PCT/GB2015/050368)

[87] (WO2015/118359)

[30] GB (1402266.9) 2014-02-10

[30] GB (1416728.2) 2014-09-22

[21] **2,939,044**  
[13] A1

[51] **Int.Cl. A01N 37/46 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 47/24 (2006.01)**

[25] EN

[54] **A METHOD FOR PRODUCING AN AQUEOUS CO-FORMULATION OF METALAXYL**

[54] **PROCEDE D'OBTENTION DE CO-FORMULATION AQUEUSE DE METALAXYL**

[72] KLAMCZYNSKI, KATHARINE, DE

[72] KUHN, MARCO, DE

[72] KLIMOV, EVGUENI, DE

[71] BASF SE, DE

[85] 2016-08-08

[86] 2015-02-19 (PCT/EP2015/053480)

[87] (WO2015/124661)

[30] EP (14155795.9) 2014-02-19

[21] **2,939,045**  
[13] A1

[51] **Int.Cl. C07D 491/14 (2006.01) A61K 31/519 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **TRICYCLIC HETEROCYCLIC COMPOUNDS AS PHOSPHOINOSITIDE 3-KINASE INHIBITORS**

[54] **COMPOSES HETEROCYCLIQUES TRICYCLIQUES EN TANT QU'INHIBITEURS DE PHOSPHOINOSITIDE 3-KINASE**

[72] SHUTTLEWORTH, STEPHEN JOSEPH, GB

[72] CECIL, ALEXANDER RICHARD LIAM, GB

[72] SILVA, FRANCK ALEXANDRE, GB

[71] KARUS THERAPEUTICS LTD, GB

[85] 2016-08-08

[86] 2015-02-12 (PCT/GB2015/050396)

[87] (WO2015/121657)

[30] GB (1402431.9) 2014-02-12

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[21] <b>2,939,048</b> [13] A1	[21] <b>2,939,050</b> [13] A1	[21] <b>2,939,053</b> [13] A1
[51] <b>Int.Cl. C07D 417/04 (2006.01) A61K 31/422 (2006.01) A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61K 31/437 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01) C07D 277/42 (2006.01) C07D 277/82 (2006.01) C07D 409/04 (2006.01) C07D 413/04 (2006.01)</b>	[51] <b>Int.Cl. A61K 8/25 (2006.01) A61K 8/04 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/365 (2006.01) A61K 8/49 (2006.01) A61K 8/60 (2006.01) A61K 8/73 (2006.01) A61K 8/86 (2006.01) A61Q 15/00 (2006.01)</b>	[51] <b>Int.Cl. C12N 15/01 (2006.01) A23C 9/123 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>HUMAN ANDROGEN RECEPTOR DNA-BINDING DOMAIN (DBD) COMPOUNDS AS THERAPEUTICS AND METHODS FOR THEIR USE</b>	[54] <b>STABILISED SILICATE COMPOSITIONS AND THEIR USE AS ANTIPERSPIRANT COMPOSITIONS</b>	[54] <b>PHAGE INSENSITIVE STREPTOCOCCUS THERMOPHILUS</b>
[54] <b>COMPOSES CIBLANT LE DOMAINE DE LIAISON A L'ADN (DBD) DU RECEPTEUR DES ANDROGENES HUMAIN SERVANT D'AGENTS THERAPEUTIQUES ET PROCEDES POUR LEUR UTILISATION</b>	[54] <b>COMPOSITIONS DE SILICATE STABILISEES ET LEUR UTILISATION COMME COMPOSITIONS ANTITRANSPIRANTES</b>	[54] <b>STREPTOCOCCUS THERMOPHILUS INSENSIBLE AUX BACTERIOPHAGES</b>
[72] TCHERKASSOV, ARTEM, CA	[72] BASTOS, CARLOS ANDRE PASSOS, GB	[72] KOUWEN, ROELOF HENDRIK MATTHIJS, NL
[72] RENNIE, PAUL S., CA	[72] POWELL, JONATHAN JOSEPH, GB	[72] VAN SINDEREN, DOUWE, IE
[72] BAN, FUQIANG, CA	[72] FARIA, NUNO JORGE RODRIGUES, GB	[72] MCDONNELL, BRIAN, IE
[72] LI, HUIFANG, CA	[71] MEDICAL RESEARCH COUNCIL, GB	[72] MAHONY, JENNIFER, IE
[72] LEBLANC, ERIC JOSEPH JEAN, CA	[85] 2016-08-08	[71] DSM IP ASSETS B.V., NL
[72] TVERDOKHLEBOV, ANTON V., UA	[86] 2015-02-13 (PCT/GB2015/050410)	[85] 2016-08-08
[72] BOGOMOL, EVGENIYA, UA	[87] (WO2015/121667)	[86] 2015-02-20 (PCT/EP2015/053601)
[72] DUNAYENKO, KATERYNA, UA	[30] GB (1402669.4) 2014-02-14	[87] (WO2015/124718)
[72] BABIY, SERGIY, UA		[30] EP (14155872.6) 2014-02-20
[72] TVEKJDOKHLEBOV, ANTON V., UA		
[72] DALAL, KUSH, CA	[21] <b>2,939,052</b> [13] A1	[21] <b>2,939,055</b> [13] A1
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA	[51] <b>Int.Cl. A01N 37/46 (2006.01) A01N 25/30 (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 47/24 (2006.01) A01P 3/00 (2006.01)</b>	[51] <b>Int.Cl. C08F 293/00 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01) C08F 4/04 (2006.01) C08F 4/36 (2006.01) C08F 295/00 (2006.01) D21H 19/00 (2006.01)</b>
[85] 2016-08-08	[25] EN	[25] EN
[86] 2015-02-13 (PCT/CA2015/000086)	[54] <b>AQUEOUS CO-FORMULATION OF METALAXYL</b>	[54] <b>STRUCTURED BLOCK COPOLYMERS</b>
[87] (WO2015/120543)	[54] <b>COFORMULATION AQUEUSE DE METALAXYLE</b>	[54] <b>COPOLYMERES SEQUENCES STRUCTURES</b>
[30] US (61/940,275) 2014-02-14	[72] KLIMOV, EVGUENI, DE	[72] LEGRAND, SACHA, FI
[30] US (62/023,773) 2014-07-11	[72] KLAMCZYNSKI, KATHARINE, DE	[72] CARCELLER, ROSA, FI
	[72] MERTOGLU, MURAT, DE	[72] POLVERARI, MARCO, CA
	[71] BASF SE, DE	[71] KEMIRA OYJ, FI
	[85] 2016-08-08	[85] 2016-08-08
	[86] 2015-02-19 (PCT/EP2015/053481)	[86] 2015-02-27 (PCT/EP2015/054158)
	[87] (WO2015/124662)	[87] (WO2015/128471)
	[30] EP (14155797.5) 2014-02-19	[30] FI (20145199) 2014-02-28

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[21] **2,939,056**  
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **COPY NUMBER PRESERVING RNA ANALYSIS METHOD**  
[54] **PROCEDE D'ANALYSE D'UN ARN CONSERVANT LE NOMBRE DE COPIES**  
[72] MOLL, PAMELA, AT  
[71] LEXOGEN GMBH, AT  
[85] 2016-08-08  
[86] 2015-03-20 (PCT/EP2015/055961)  
[87] (WO2015/140307)  
[30] EP (14161135.0) 2014-03-21

[21] **2,939,058**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**  
[25] EN  
[54] **N2-PHENYL-PYRIDO[3,4-D]PYRIMIDINE-2,8-DIAMINE DERIVATIVES AND THEIR USE AS MPS1 INHIBITORS**  
[54] **DERIVES DE N2-PHENYL-PYRIDO[3,4-D]PYRIMIDINE-2,8-DIAMINE ET LEUR UTILISATION COMME INHIBITEURS DE MPS1**  
[72] WOODWARD, HANNAH, GB  
[72] INNOCENTI, PAOLO, GB  
[72] NAUD, SEBASTIEN, GB  
[72] BLAGG, JULIAN, GB  
[72] HOELDER, SWEN, GB  
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB  
[85] 2016-08-08  
[86] 2015-02-27 (PCT/GB2015/050590)  
[87] (WO2015/128676)  
[30] GB (1403536.4) 2014-02-28

[21] **2,939,059**  
[13] A1

[51] **Int.Cl. B25B 5/06 (2006.01) B25B 5/14 (2006.01) F01D 5/00 (2006.01) F01D 11/00 (2006.01) F01D 25/28 (2006.01)**  
[25] FR  
[54] **SYSTEM FOR CLAMPING A PART AND METHOD FOR SEALING THE INNER CASING OF A LOW-PRESSURE RECTIFIER OF A TURBOMACHINE**  
[54] **SYSTEME DE BRIDAGE DE PIECE ET PROCEDE D'ETANCHAGE DE LA VIROLE INTERIEURE D'UN REDRESSEUR BASSE PRESSION DE TURBOMACHINE**  
[72] CHARDONNET, ROMAIN RENE MARCEL, FR  
[72] MAILLET, JEAN-YVES FRANCOIS HENRI, FR  
[72] SOUBIGOU, ERWAN, FR  
[71] SAFRAN AIRCRAFT ENGINES, FR  
[85] 2016-08-08  
[86] 2015-02-12 (PCT/FR2015/050354)  
[87] (WO2015/121592)  
[30] FR (1451204) 2014-02-14

[21] **2,939,060**  
[13] A1

[51] **Int.Cl. C04B 35/80 (2006.01) D03D 11/00 (2006.01)**  
[25] FR  
[54] **PART MADE FROM AN OXIDE/OXIDE COMPOSITE MATERIAL FOR 3-D REINFORCING AND METHOD FOR MANUFACTURE OF SAME**  
[54] **PIECE EN MATERIAU COMPOSITE OXYDE/OXYDE A RENFORT 3D ET SON PROCEDE DE FABRICATION**  
[72] DISS, PASCAL, FR  
[72] BOUILLON, ERIC, FR  
[72] LAVASSERIE, ERIC, FR  
[71] HERAKLES, FR  
[85] 2016-08-08  
[86] 2015-02-19 (PCT/FR2015/050405)  
[87] (WO2015/124872)  
[30] FR (1451447) 2014-02-24

[21] **2,939,061**  
[13] A1

[51] **Int.Cl. C07K 7/62 (2006.01) A61K 38/12 (2006.01)**  
[25] EN  
[54] **POLYMYXIN DERIVATIVES AND THEIR USE IN COMBINATION THERAPY TOGETHER WITH DIFFERENT ANTIBIOTICS**  
[54] **DERIVES POLYMYXINE ET LEUR UTILISATION DANS LE CADRE D'UNE THERAPIE COMBINEE EN ASSOCIATION AVEC D'AUTRES ANTIBIOTIQUES**  
[72] BROWN, PAMELA, GB  
[72] DAWSON, MICHAEL, GB  
[72] SIMONOVIC, MONA, GB  
[72] BOAKES, STEVEN, GB  
[72] DUPERCHY, ESTHER, GB  
[71] NEW PHARMA LICENCE HOLDINGS LIMITED, GB  
[85] 2016-08-08  
[86] 2014-05-21 (PCT/GB2014/051547)  
[87] (WO2014/188178)  
[30] GB (1309248.1) 2013-05-22  
[30] GB (1404301.2) 2014-03-11

[21] **2,939,062**  
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**  
[25] EN  
[54] **DENTAL IMPLANT**  
[54] **IMPLANT DENTAIRE**  
[72] JACOBY, YUVAL, IL  
[72] BICHACHO, NITZAN, IL  
[72] SARIG, DROR, IL  
[71] MIS IMPLANTS TECHNOLOGIES LTD., IL  
[85] 2016-08-08  
[86] 2015-02-18 (PCT/IL2015/050185)  
[87] (WO2015/125139)  
[30] US (61/942,197) 2014-02-20



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[21] **2,939,063**  
[13] A1

[51] **Int.Cl. A61F 2/08 (2006.01)**  
[25] EN  
[54] **NON-ABSORBABLE TISSUE RECONSTRUCTION DEVICE, IN PARTICULAR FOR TISSUES SUCH AS LIGAMENTS**  
[54] **DISPOSITIF DE RECONSTRUCTION DE TISSU NON-ABSORBABLE, EN PARTICULIER POUR DES TISSUS TELS QUE DES LIGAMENTS**  
[72] SAMBUSSETI, ANTONIO, IT  
[71] SAMBUSSETI, ANTONIO, IT  
[85] 2016-08-08  
[86] 2015-02-12 (PCT/IB2015/051050)  
[87] (WO2015/121819)  
[30] IT (MI2014A000206) 2014-02-13

[21] **2,939,065**  
[13] A1

[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/70 (2014.01)**  
[25] EN  
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**  
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**  
[72] TSUKAGOSHI, IKUO, JP  
[71] SONY CORPORATION, JP  
[85] 2016-08-08  
[86] 2015-02-16 (PCT/JP2015/054074)  
[87] (WO2015/125719)  
[30] JP (2014-032354) 2014-02-21

[21] **2,939,067**  
[13] A1

[51] **Int.Cl. B63B 1/06 (2006.01) B63B 35/12 (2006.01) B63B 35/08 (2006.01)**  
[25] EN  
[54] **SHIP FOR NAVIGATING IN ICY WATERS HAVING IMPROVED PROPULSION PERFORMANCES**  
[54] **NAVIRE POUR NAVIGUER DANS DES EAUX GLACEES PRESENTANT DES PERFORMANCES DE PROPULSION AMELIOREES**  
[72] LAVINI, GIANPIERO, IT  
[71] FINCANTIERI S.P.A., IT  
[85] 2016-08-08  
[86] 2015-01-14 (PCT/IB2015/050279)  
[87] (WO2015/125033)  
[30] IT (PD2014A000034) 2014-02-18

[21] **2,939,068**  
[13] A1

[51] **Int.Cl. B02C 7/16 (2006.01) A23F 3/16 (2006.01)**  
[25] EN  
[54] **ELECTRIC MILLING MACHINE**  
[54] **MACHINE A MOUDRE ELECTRIQUE**  
[72] CHIBA, AYA, JP  
[72] MORISHITA, KEISUKE, JP  
[72] TANAKA, MINORU, JP  
[72] UCHIYAMA, MASAYA, JP  
[71] SHARP KABUSHIKI KAISHA, JP  
[85] 2016-08-08  
[86] 2015-04-22 (PCT/JP2015/062217)  
[87] (WO2015/163359)  
[30] JP (2014-090310) 2014-04-24

[21] **2,939,069**  
[13] A1

[51] **Int.Cl. A01N 25/08 (2006.01) A01N 25/12 (2006.01) A01N 25/26 (2006.01) A01N 37/10 (2006.01) A01N 37/40 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01N 43/54 (2006.01) A01P 13/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR USING STABLE SOLID HERBICIDE DELIVERY SYSTEMS**  
[54] **PROCEDES D'UTILISATION DE SYSTEMES DE DISTRIBUTION D'HERBICIDES SOLIDES STABLES**  
[72] BUTTIMOR, ROBERT, NZ  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-08-08  
[86] 2015-02-09 (PCT/NZ2015/050009)  
[87] (WO2015/119513)  
[30] NZ (621068) 2014-02-10

[21] **2,939,071**  
[13] A1

[51] **Int.Cl. A01N 25/08 (2006.01) A01N 25/12 (2006.01) A01N 25/26 (2006.01) A01N 37/10 (2006.01) A01N 37/40 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01P 13/00 (2006.01)**  
[25] EN  
[54] **STABLE SOLID HERBICIDE DELIVERY SYSTEMS**  
[54] **SYSTEMES DE DISTRIBUTION D'HERBICIDES SOLIDES STABLES**  
[72] BUTTIMOR, ROBERT, NZ  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-08-08  
[86] 2015-02-09 (PCT/NZ2015/050010)  
[87] (WO2015/119514)  
[30] NZ (621067) 2014-02-10

[21] **2,939,072**  
[13] A1

[51] **Int.Cl. D04H 1/00 (2006.01)**  
[25] EN  
[54] **SOFT NON-WOVEN FABRIC FOR USE AS OUTER LAYER OF DISPOSABLE ABSORBENT ARTICLES**  
[54] **TISSU NON TISSE DOUX UTILISE COMME COUCHE EXTERIEURE D'ARTICLES ABSORBANTS JETABLES**  
[72] JUAREZ MANCERA, JOSE LUIS, MX  
[72] CANALES ESPINOSA DE LOS MONTEROS, CARLOS, MX  
[72] SANCHEZ FERNANDEZ, LUCIA DEL CARMEN, MX  
[71] INDUSTRIAS MAQUIN, S.A. DE C.V., MX  
[85] 2016-06-17  
[86] 2014-12-18 (PCT/IB2014/067048)  
[87] (WO2015/092722)  
[30] MX (MX/a/2013/015294) 2013-12-19

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[21] **2,939,073**  
[13] A1

[51] **Int.Cl. C12M 1/38 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **PCR DEVICE PROVIDED WITH UNIDIRECTIONAL SLIDING MEANS AND PCR METHOD USING SAME**  
[54] **DISPOSITIF DE PCR POURVU DE MOYEN DE COULISSEMENT UNIDIRECTIONNELS ET METHODE PCR L'UTILISANT**  
[72] KIM, SUNG WOO, KR  
[71] NANOBIOSYS INC., KR  
[85] 2016-08-08  
[86] 2015-02-09 (PCT/KR2015/001291)  
[87] (WO2015/119470)  
[30] KR (10-2014-0014777) 2014-02-10

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[13] A1

[51] **Int.Cl. B65F 1/00 (2006.01) B65F 1/14 (2006.01)**  
[25] EN  
[54] **DYNAMICALLY ADJUSTABLE SENSORS FOR TRASH COMPACTORS AND RECEPTACLES**  
[54] **CAPTEURS REGLABLES DE MANIERE DYNAMIQUE POUR COMPACTEURS POUR ORDURES MENAGERES ET CONTENANTS**  
[72] SKOCYPEC, DAVID J., US  
[72] SATWICZ, JEFFREY T., US  
[72] FURCINITI, DOUGLAS J., US  
[72] FELDMAN, MICHAEL E., US  
[71] BIG BELLY SOLAR, INC., US  
[85] 2016-08-08  
[86] 2015-02-10 (PCT/US2015/015232)  
[87] (WO2015/120462)  
[30] US (61/937,930) 2014-02-10  
[30] US (61/937,961) 2014-02-10

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[21] **2,939,075**  
[13] A1

[51] **Int.Cl. B65D 55/02 (2006.01)**  
[25] EN  
[54] **SECURITY TECHNOLOGIES FOR ELECTRICALLY-POWERED TRASH COMPACTORS AND RECEPTACLES**  
[54] **TECHNOLOGIES DE SECURITE POUR COMPACTEURS ET RECIPIENTS DE DECHETS A ALIMENTATION ELECTRIQUE**  
[72] SKOCYPEC, DAVID J., US  
[72] SATWICZ, JEFFREY T., US  
[72] FURCINITI, DOUGLAS J., US  
[72] FELDMAN, MICHAEL E., US  
[71] BIG BELLY SOLAR, INC., US  
[85] 2016-08-08  
[86] 2015-02-10 (PCT/US2015/015220)  
[87] (WO2015/120455)  
[30] US (61/937,930) 2014-02-10  
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[13] A1

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/7052 (2006.01) C07H 17/08 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING DIABETES AND LIVER DISEASES**  
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU DIABETE ET DES MALADIES DU FOIE**  
[72] FERNANDES, PRABHAVATHI, US  
[71] CEMpra PHARMACEUTICALS, INC., US  
[85] 2016-08-08  
[86] 2015-02-11 (PCT/US2015/015353)  
[87] (WO2015/123256)  
[30] US (61/939,961) 2014-02-14  
[30] US (61/984,225) 2014-04-25  
[30] US (62/086,911) 2014-12-03

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[13] A1

[51] **Int.Cl. H04W 72/08 (2009.01)**  
[25] EN  
[54] **DYNAMICALLY ADJUSTABLE NODES IN A SENSOR NETWORK**  
[54] **NŃUDS DYNAMIQUEMENT REGLABLES DANS UN RESEAU DE CAPTEURS**  
[72] SKOCYPEC, DAVID J., US  
[72] FELDMAN, MICHAEL E., US  
[72] PHILLIPS, BRIAN SCOT, US  
[71] BIG BELLY SOLAR, INC., US  
[85] 2016-08-08  
[86] 2015-02-10 (PCT/US2015/015239)  
[87] (WO2015/120463)  
[30] US (61/937,961) 2014-02-10  
[30] US (62/037,368) 2014-08-14

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[13] A1

[51] **Int.Cl. G01N 1/10 (2006.01) G01N 1/14 (2006.01) G01N 1/20 (2006.01) G01N 1/22 (2006.01)**  
[25] EN  
[54] **NATURAL GAS LIQUID PRESSURE REGULATING VAPORIZER SAMPLING SYSTEM**  
[54] **SYSTEME D'ECHANTILLONNAGE DE VAPORISATEUR A REGULATION DE PRESSION DE LIQUIDE DE GAZ NATUREL**  
[72] THOMPSON, KENNETH O., US  
[72] CURTIS, MICAH A., US  
[71] MUSTANG SAMPLING, LLC, US  
[85] 2016-08-05  
[86] 2015-02-11 (PCT/US2015/015423)  
[87] (WO2015/123302)  
[30] US (61/938,905) 2014-02-12

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[13] A1

[51] **Int.Cl. B60J 5/10 (2006.01)**  
[25] EN  
[54] **COMPOSITE LIFTGATE**  
[54] **HAYON COMPOSITE**  
[72] KUNTZE, CHRISTOPHER J., US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2016-08-08  
[86] 2015-02-11 (PCT/US2015/015438)  
[87] (WO2015/123312)  
[30] US (61/938,291) 2014-02-11

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[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **ASSAYS FOR DETECTING THE PRESENCE OR AMOUNT OF AN ANTI-DRUG ANTIBODY**  
[54] **ESSAIS POUR DETECTER LA PRESENCE OU LA QUANTITE D'UN ANTICORPS ANTI-MEDICAMENT**  
[72] GRABERT, RYAN, US  
[72] RICHARDS, SUSAN, US  
[72] THEOBALD, VALERIE, US  
[72] XU, YUANXIN, US  
[71] GENZYME CORPORATION, US  
[85] 2016-08-08  
[86] 2015-02-11 (PCT/US2015/015442)  
[87] (WO2015/123315)  
[30] US (61/938,556) 2014-02-11

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/445 (2006.01) C07D 211/98 (2006.01) C07D 401/04 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/06 (2006.01) C07D 417/14 (2006.01)**  
[25] EN  
[54] **CYCLOPROPYLAMINES AS LSD1 INHIBITORS**  
[54] **CYCLOPROPYLAMINES EN TANT QU'INHIBITEURS DE LSD1**  
[72] ZHANG, FENGLEI, US  
[72] COURTER, JOEL R., US  
[72] WU, LIANGXING, US  
[72] HE, CHUNHONG, US  
[72] KONKOL, LEAH C., US  
[72] QIAN, DING-QUAN, US  
[72] SHEN, BO, US  
[72] YAO, WENQING, US  
[71] INCYTE CORPORATION, US  
[85] 2016-08-05  
[86] 2015-02-12 (PCT/US2015/015635)  
[87] (WO2015/123424)  
[30] US (61/939,458) 2014-02-13  
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[21] **2,939,082**  
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/397 (2006.01) A61K 31/438 (2006.01) A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/4468 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) C07D 205/04 (2006.01) C07D 401/12 (2006.01) C07D 471/10 (2006.01)**  
[25] EN  
[54] **CYCLOPROPYLAMINES AS LSD1 INHIBITORS**  
[54] **CYCLOPROPYLAMINES EN TANT QU'INHIBITEURS DE LSD1**  
[72] WU, LIANGXING, US  
[72] HE, CHUNHONG, US  
[72] QIAN, DING-QUAN, US  
[72] SHEN, BO, US  
[72] WANG, XIAOZHAO, US  
[72] YAO, WENQING, US  
[72] ZHANG, FENGLEI, US  
[72] COURTER, JOEL R., US  
[71] INCYTE CORPORATION, US  
[85] 2016-08-08  
[86] 2015-02-12 (PCT/US2015/015706)  
[87] (WO2015/123465)  
[30] US (61/939,488) 2014-02-13  
[30] US (62/061,283) 2014-10-08

[21] **2,939,083**  
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01)**  
[25] EN  
[54] **INFUSION PUMP WITH PROGRAM KEY**  
[54] **POMPE DE PERFUSION AVEC CLE DE PROGRAMMATION**  
[72] NGUYEN, TONY, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[85] 2016-08-08  
[86] 2015-02-12 (PCT/US2015/015598)  
[87] (WO2015/126721)  
[30] US (61/943,718) 2014-02-24

[21] **2,939,084**  
[13] A1

[51] **Int.Cl. H01L 41/083 (2006.01) H01L 41/047 (2006.01) H01L 41/107 (2006.01) H03H 9/15 (2006.01)**  
[25] EN  
[54] **SYMMETRIC DUAL PIEZOELECTRIC STACK MICROELECTROMECHANICAL PIEZOELECTRIC DEVICES**  
[54] **DISPOSITIFS PIEZO-ELECTRIQUES MICRO-ELECTROMECHANIQUES A DEUX EMPILEMENTS PIEZOELECTRIQUES SYMMETRIQUES**  
[72] ANDOSCA, ROBERT G., US  
[72] VAETH, KATHLEEN M., US  
[72] LACROIX, DIDIER, US  
[71] MICROGEN SYSTEMS, INC., US  
[85] 2016-08-08  
[86] 2014-04-24 (PCT/US2014/035318)  
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[30] US (14/201,293) 2014-03-07

[21] **2,939,085**  
[13] A1

[51] **Int.Cl. E21B 23/08 (2006.01) E21B 34/14 (2006.01)**  
[25] EN  
[54] **MULTI-ZONE ACTUATION SYSTEM USING WELLBORE DARTS**  
[54] **SYSTEME D'ACTIONNEMENT MULTI-ZONE UTILISANT DES FLECHETTES DE Puits DE FORAGE**  
[72] KEERTHIVASAN, VIJAY KUMAR, SG  
[72] FOONG, RYAN ZHE CONG, MY  
[72] HOWELL, MATTHEW TODD, US  
[72] WALTON, ZACHARY WILLIAM, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-08-08  
[86] 2014-04-16 (PCT/US2014/034347)  
[87] (WO2015/160342)

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[13] A1

[51] **Int.Cl. B26D 7/01 (2006.01)**  
[25] EN  
[54] **PLATFORM FOR VALIDATING MATERIALS AND CUTTING PROTECTIVE COVERS**  
[54] **PLATEFORME POUR VALIDATION DE MATERIAUX ET DECOUPE DE CACHES DE PROTECTION**  
[72] JENSEN, PETER, US  
[72] BACIGALUPI, BRADLEY, US  
[71] CLEARPLEX CORPORATION, US  
[85] 2016-08-08  
[86] 2015-01-06 (PCT/US2015/010351)  
[87] (WO2015/103625)  
[30] US (61/924,095) 2014-01-06  
[30] US (14/589,646) 2015-01-05

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[21] **2,939,088**  
[13] A1

[51] **Int.Cl. A61M 15/06 (2006.01) A61K 9/72 (2006.01) A61K 31/352 (2006.01) H05B 3/02 (2006.01)**  
[25] EN  
[54] **METHODS AND DRUG DELIVERY DEVICES USING CANNABIS**  
[54] **PROCEDES ET DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS A L'AIDE DE CANNABIS**  
[72] MCCULLOUGH, TIMOTHY, US  
[71] MCCULLOUGH, TIMOTHY, US  
[85] 2016-08-08  
[86] 2015-02-11 (PCT/US2015/015445)  
[87] (WO2015/123317)  
[30] US (61/938,577) 2014-02-11  
[30] US (14/264,999) 2014-04-29  
[30] US (62/058,431) 2014-10-01  
[30] US (14/574,591) 2014-12-18  
[30] US (PCT/US2015/014418) 2015-02-04

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[13] A1

[51] **Int.Cl. B60R 25/10 (2013.01) B62H 5/00 (2006.01)**  
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[54] **LOCKING BICYCLE STAND**  
[54] **SUPPORT VERROUILLABLE DE BICYCLETTE**  
[72] STEINMAN, ROBERT J., US  
[72] TURGEON, SIMON, US  
[71] CAPITOL DEVELOPMENT, LLC, US  
[85] 2016-08-08  
[86] 2015-01-23 (PCT/US2015/012782)  
[87] (WO2015/112917)  
[30] US (61/930,925) 2014-01-23

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[13] A1

[51] **Int.Cl. B01J 20/18 (2006.01) B01J 23/42 (2006.01) B01J 23/755 (2006.01) C10G 1/10 (2006.01)**  
[25] EN  
[54] **CATALYST FOR PYROLYSIS OF FEEDSTOCK**  
[54] **CATALYSEUR POUR LA PYROLYSE D'UNE CHARGE D'ALIMENTATION**  
[72] MCGUIRE, ROBERT, US  
[71] BASF CORPORATION, US  
[85] 2016-08-08  
[86] 2015-02-06 (PCT/US2015/014861)  
[87] (WO2015/120302)  
[30] US (61/937,001) 2014-02-07

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[21] **2,939,091**  
[13] A1

[51] **Int.Cl. G01P 15/14 (2013.01) H04R 25/02 (2006.01)**  
[25] EN  
[54] **A SYSTEM FOR ACCURATE MEASUREMENT OF HEAD DYNAMICS AND KINEMATICS**  
[54] **SYSTEME DE MESURE PRECISE DE LA DYNAMIQUE ET DE LA CINEMATIQUE D'UNE TETE**  
[72] BASS, CAMERON R., US  
[72] CAPEHART, BRUCE P., US  
[72] LUCK, JASON F., US  
[72] MATTHEWS, KYLE A., US  
[72] MEHLENBACHER, ADAM, US  
[72] SHRIDHARANI, JAY K., US  
[71] DUKE UNIVERSITY, US  
[85] 2016-08-05  
[86] 2015-02-12 (PCT/US2015/015636)  
[87] (WO2015/123425)  
[30] US (61/938,696) 2014-02-12

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[21] **2,939,094**  
[13] A1

[51] **Int.Cl. G01N 33/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR COMPENSATING LONG TERM SENSITIVITY DRIFT OF ELECTROCHEMICAL GAS SENSORS EXPOSED TO NITRIC OXIDE**  
[54] **PROCEDES POUR COMPENSER UNE DERIVE DE SENSIBILITE A LONG TERME DE CAPTEURS DE GAZ ELECTROCHIMIQUES EXPOSES A DE L'OXYDE NITRIQUE**  
[72] TOLMIE, CRAIG R., US  
[72] MILSAP, JEFF, US  
[72] ACKER, JARON M., US  
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE  
[85] 2016-08-08  
[86] 2015-02-19 (PCT/US2015/016627)  
[87] (WO2015/127085)  
[30] US (61/941,725) 2014-02-19  
[30] US (14/626,409) 2015-02-19

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[13] A1

[51] **Int.Cl. F16D 69/00 (2006.01) B60T 17/22 (2006.01) F16D 66/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR BRAKE SENSING**  
[54] **SYSTEMES ET PROCEDES POUR DETECTION DE FREIN**  
[72] KIDDOO, MICHAEL ROY, US  
[72] HIGHTOWER, JAMES MICHAEL, US  
[72] OKESON, BRADLEY DWIGHT, US  
[71] UNIVERSAL CITY STUDIOS LLC, US  
[85] 2016-08-05  
[86] 2015-02-12 (PCT/US2015/015673)  
[87] (WO2015/123443)  
[30] US (14/182,176) 2014-02-17

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[13] A1

[51] **Int.Cl. A43B 7/12 (2006.01) A41D 31/02 (2006.01) A43B 23/02 (2006.01) A43B 23/04 (2006.01) A43B 23/07 (2006.01) B32B 27/32 (2006.01)**

[25] EN

[54] **CONFORMABLE WATERPROOF BREATHABLE SOCKS AND METHODS THEREFOR**

[54] **CHAUSSETTES ADAPTABLES, ETANCHES A L'EAU, RESPIRANTES ET PROCEDES ASSOCIES**

[72] BACINO, JOHN E., US

[72] CLOUGH, NORMAN E., US

[72] COLLAZO, ORLANDO, US

[72] NABERNIK, STANE, SI

[72] SHELLEY, FRANZ J., US

[72] WOLFRUM, HEIKE, DE

[72] ZAGGL, ALEXANDER, DE

[71] W.L. GORE & ASSOCIATES, GMBH, DE

[71] W.L. GORE & ASSOCIATES, INC., US

[85] 2016-08-05

[86] 2015-02-13 (PCT/US2015/015727)

[87] (WO2015/123479)

[30] US (14/181,260) 2014-02-14

[21] **2,939,098**  
[13] A1

[51] **Int.Cl. C07F 9/653 (2006.01) A61K 31/664 (2006.01) A61P 31/00 (2006.01) C07F 9/6558 (2006.01) C07F 9/6561 (2006.01) C07F 9/6574 (2006.01)**

[25] EN

[54] **WATER-SOLUBLE O-CARBONYL PHOSPHORAMIDATE PRODRUGS FOR THERAPEUTIC ADMINISTRATION**

[54] **PROMEDICAMENTS A BASE DE O-CARBONYL PHOSPHORAMIDATE POUR L'ADMINISTRATION THERAPEUTIQUE**

[72] GORDEEV, MIKHAIL FEDOROVICH, US

[72] LIU, JINQIAN, US

[72] WANG, XINGHAI, CN

[72] YUAN, ZHENGYU, US

[71] MICURX PHARMACEUTICALS, INC., US

[85] 2016-08-08

[86] 2015-02-20 (PCT/US2015/016970)

[87] (WO2015/127316)

[30] US (61/943,129) 2014-02-21

[21] **2,939,100**  
[13] A1

[51] **Int.Cl. A01N 43/80 (2006.01)**

[25] EN

[54] **USE OF 3-ISOXAZOLIDINONES COMPOUNDS AS SELECTIVE HERBICIDES**

[54] **UTILISATION DE COMPOSES 3-ISOXAZOLIDINONES COMME HERBICIDES SELECTIFS**

[72] WALTER, JAMES F., US

[72] NICHOLSON, PAUL, US

[72] BURNETT, ALISON, US

[72] LAPPIN, JAMES, US

[72] CHAHAL, GURINDERBIR, US

[72] SHINN, SANDRA, US

[72] D'AMICO, FRANK J., JR., US

[71] FMC CORPORATION, US

[85] 2016-08-08

[86] 2015-02-20 (PCT/US2015/016892)

[87] (WO2015/127259)

[30] US (61/943,437) 2014-02-23

[30] US (61/951,269) 2014-03-11

[21] **2,939,101**  
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01)**

[25] EN

[54] **EFFICIENT HEAT TRANSFER FROM CONDUCTION-COOLED CIRCUIT CARDS**

[54] **TRANSFERT DE CHALEUR EFFICACE A PARTIR DE CARTES DE CIRCUIT IMPRIME REFROIDIES PAR CONDUCTION**

[72] STUTZMAN, RANDALL J., US

[72] DANDO, CHARLES H., III, US

[72] LONG, CLINT, US

[71] LOCKHEED MARTIN CORPORATION, US

[85] 2016-08-05

[86] 2015-02-13 (PCT/US2015/015769)

[87] (WO2015/126745)

[30] US (14/182,803) 2014-02-18

[21] **2,939,102**  
[13] A1

[51] **Int.Cl. A61C 5/14 (2006.01) A61F 5/56 (2006.01)**

[25] EN

[54] **ORAL MOTION PRESERVATION DEVICE**

[54] **DISPOSITIF DE CONSERVATION DE MOUVEMENT BUCCAL**

[72] SMITH, BRIAN FRANCIS, US

[71] SILVERFOX DENTAL & ORTHO, LLC, US

[85] 2016-08-05

[86] 2015-02-13 (PCT/US2015/015833)

[87] (WO2015/123528)

[30] US (61/939,586) 2014-02-13

[21] **2,939,104**  
[13] A1

[51] **Int.Cl. A61C 15/04 (2006.01)**

[25] EN

[54] **INTERDENTAL CLEANING DEVICE**

[54] **DISPOSITIF DE NETTOYAGE INTERDENTAIRE**

[72] CHUNG, BRETT, US

[71] CHUNG, BRETT, US

[85] 2016-08-05

[86] 2015-02-13 (PCT/US2015/015862)

[87] (WO2015/123545)

[30] JP (2014-042104) 2014-02-14

[21] **2,939,105**  
[13] A1

[51] **Int.Cl. A47F 3/04 (2006.01) A47F 11/10 (2006.01)**

[25] EN

[54] **ADJUSTABLE LIGHT MECHANISM FOR A MERCHANDISER**

[54] **MECANISME D'ECLAIRAGE REGLABLE POUR UN PRESENTOIR**

[72] RIABY, JAFARY H., US

[72] MULLEN, ROBERT, US

[71] HUSSMANN CORPORATION, US

[85] 2016-08-05

[86] 2015-02-16 (PCT/US2015/016015)

[87] (WO2015/123624)

[30] US (61/940,230) 2014-02-14

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[21] **2,939,109**

[13] A1

[51] **Int.Cl. G02F 1/167 (2006.01)**

[25] EN

[54] **ELECTROPHORETIC DISPLAY**

[54] **ECRAN ELECTROPHORETIQUE**

[72] DU, HUI, US

[72] LAXTON, PETER, US

[72] LI, YU, US

[71] E INK CALIFORNIA, LLC, US

[85] 2016-08-08

[86] 2015-02-23 (PCT/US2015/017130)

[87] (WO2015/127375)

[30] US (61/943,926) 2014-02-24

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[13] A1

[51] **Int.Cl. C08J 7/06 (2006.01) C23C 14/35 (2006.01) C23C 16/505 (2006.01) C23C 16/513 (2006.01)**

[25] EN

[54] **INTERLAYER COMPOSITE SUBSTRATES**

[54] **SUBSTRATS COMPOSITES A COUCHE INTERMEDIAIRE**

[72] RANADE, ALPANA N., US

[72] MATOS, MARVI A., US

[72] GHABCHI, ARASH, US

[71] THE BOEING COMPANY, US

[22] 2013-08-28

[41] 2014-05-16

[62] 2,825,168

[30] US (13/679377) 2012-11-16

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[21] **2,934,168**  
[13] A1

[51] **Int.Cl. A61F 2/966 (2013.01)**

[25] EN

[54] **DEVICES AND METHODS FOR STENT ADVANCEMENT**

[54] **DISPOSITIFS ET PROCEDES POUR UNE PROGRESSION D'ENDOPROTHESE VASCULAIRE**

[72] SHELDON, JEFFERY, US

[72] BOOTH, RICHARD, US

[72] BOSECK, GARY, US

[72] WISDOM, RICHARD, US

[72] BUECHE, KEN, US

[72] DANNECKER, BRUCE, US

[71] IDEV TECHNOLOGIES, INC., US

[22] 2007-10-22

[41] 2008-05-02

[62] 2,667,322

[30] US (US60/862,456) 2006-10-22

[30] WO (WO/2008/051941) 2007-10-22

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[21] **2,935,208**  
[13] A1

[51] **Int.Cl. B65G 47/84 (2006.01) A61F 13/15 (2006.01)**

[25] EN

[54] **METHODS FOR TRANSFERRING DISCRETE ARTICLES**

[54] **PROCEDES DE TRANSFERT D'ARTICLES INDIVIDUELS**

[72] PAPSDORF, CLIFFORD THEODORE, US

[72] SCHNEIDER, UWE, US

[71] THE PROCTOR & GAMBLE COMPANY, US

[22] 2013-04-16

[41] 2013-10-24

[62] 2,870,749

[30] US (13/447,531) 2012-04-16

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[21] **2,936,741**  
[13] A1

[51] **Int.Cl. A61K 9/58 (2006.01) A61K 31/4458 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS PARTICULARLY FOR TREATMENT OF ATTENTION DEFICIT DISORDER**

[54] **METHODES ET COMPOSITIONS DESTINEES AU TRAITEMENT DU TROUBLE DE DEFICIT D'ATTENTION**

[72] VARGAS RINCON, RICARDO ALBERTO, CA

[72] REIZ, JOSEPH, CA

[71] PURDUE PHARMA, CA

[22] 2015-08-27

[41] 2016-04-30

[62] 2,902,911

[30] US (62/122,847) 2014-10-31

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[21] **2,936,752**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **ADJUSTABLE TENSION INCONTINENCE SLING ASSEMBLIES**

[54] **ENSEMBLES DE FRONDE D'INCONTINENCE A TENSION REGLABLE**

[72] OGD AHL, JASON W., US

[72] ROLL, JESSICA L., US

[72] LUND, ROBERT E., US

[72] CHAPMAN, KELLY ANN, US

[72] JIMENEZ, JOSE W., US

[72] HEYS, AMANDA J., US

[71] AMS RESEARCH CORPORATION, US

[22] 2007-06-22

[41] 2007-12-27

[62] 2,654,294

[30] US (60/805,544) 2006-06-22

[30] US (60/806,664) 2006-07-06

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[21] **2,936,803**  
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61F 2/24 (2006.01)**

[25] EN

[54] **LOW PROFILE DELIVERY SYSTEM FOR TRANSCATHETER HEART VALVE**

[54] **SYSTEME DE MISE EN PLACE DE VALVULE CARDIAQUE PAR TRANSCATHETER A PROFIL ETROIT**

[72] LE, THANH H., US

[72] TRAN, TRI, US

[72] CAYABYAB, RONALDO, US

[72] TAYLOR, DAVID, US

[72] VIDAL, ANTONIO, US

[72] BOWES, ROBERT, US

[71] EDWARDS LIFESCIENCES CORPORATION, US

[22] 2009-05-01

[41] 2009-11-12

[62] 2,722,954

[30] US (61/052,009) 2008-05-09

[30] US (61/083,117) 2008-07-23

[30] US (12/247,846) 2008-10-08

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[21] **2,936,866**  
[13] A1

[51] **Int.Cl. B67D 1/00 (2006.01) B67D 99/00 (2010.01)**  
[25] EN  
[54] **BEVERAGE DISPENSING DEVICE**  
[54] **DISPOSITIF DE DELIVRANCE DE BOISSONS**  
[72] DEO, INDRANI, US  
[72] JERSEY, STEVEN, US  
[71] PEPSICO, INC., US  
[22] 2010-11-24  
[41] 2011-06-03  
[62] 2,781,867  
[30] US (12/625,226) 2009-11-24

[21] **2,937,022**  
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR EX-VIVO ORGAN CARE AND FOR USING LACTATE AS AN INDICATION OF DONOR ORGAN STATUS**  
[54] **SYSTEMES ET PROCEDES POUR DES SOINS A DES ORGANES EX VIVO ET POUR L'UTILISATION DE LACTATE COMME INDICATION DE STATUT D'ORGANE DONNEUR**  
[72] HASSANEIN, WALEED, US  
[72] KHAYAL, TAMER, US  
[72] ELBETANONY, AHMED, US  
[72] LEZBERG, PAUL, US  
[72] CECERE, GIOVANNI, US  
[72] SOUSA, DENNIS, US  
[72] HANSEN, ELIZABETH, US  
[71] TRANSMEDICS, INC., US  
[22] 2008-04-24  
[41] 2008-12-11  
[62] 2,685,302  
[30] US (11/790405) 2007-04-25

[21] **2,937,072**  
[13] A1

[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/80 (2006.01)**  
[25] EN  
[54] **HIGHLY-VERSATILE VARIABLE-ANGLE BONE PLATE SYSTEM**  
[54] **SYSTEME DE PLAQUE VISSEE A ANGLE VARIABLE HAUTEMENT POLYVALENT**  
[72] CHAN, JASON S., US  
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY  
[71] SYNTHES USA, LLC, US  
[22] 2008-08-12  
[41] 2009-02-19  
[62] 2,696,138  
[30] US (60/955,506) 2007-08-13  
[30] US (11/971,358) 2008-01-09

[21] **2,937,100**  
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **REDUCED-PRESSURE TREATMENT SYSTEMS WITH RESERVOIR CONTROL**  
[54] **SYSTEMES DE TRAITEMENT A PRESSION REDUITE AVEC REGULATION A RESERVOIR**  
[72] PRATT, BENJAMIN ANDREW, GB  
[72] LOCKE, CHRISTOPHER BRIAN, GB  
[72] TOUT, AIDAN MARCUS, GB  
[71] KCI LICENSING, INC., US  
[22] 2009-08-07  
[41] 2010-02-11  
[62] 2,730,902  
[30] US (61/087,377) 2008-08-08

[21] **2,937,242**  
[13] A1

[51] **Int.Cl. B01J 23/887 (2006.01) B01J 23/847 (2006.01) B01J 23/88 (2006.01) C07C 5/333 (2006.01)**  
[25] EN  
[54] **OXIDATIVE DEHYDROGENATION OF ETHANE TO ETHYLENE AND PREPARATION OF MULTIMETALLIC MIXED OXIDE CATALYST FOR SUCH PROCESS**  
[54] **DESHYDROGENATION OXYDATIVE DE L'ETHANE EN ETHYLENE ET PREPARATION D'OXYDES MIXTES MULTIMETALLIQUES EN TANT QUE CATALYSEURS POUR CE PROCEDE**  
[72] SANCHEZ VALENTE, JAIME, MX  
[72] LOPEZ NIETO, JOSE MANUEL, ES  
[72] ARMENDARIZ HERRERA, HECTOR, MX  
[72] MASSO RAMIREZ, AMADA, ES  
[72] IVARS BARCELO, FRANCISCO, ES  
[72] GUZMAN CASTILLO, MARIA DE LOURDES ALEJANDRA, MX  
[72] QUINTANA SOLORZANO, ROBERTO, MX  
[72] RODRIGUEZ HERNANDEZ, ANDREA, MX  
[72] DEL ANGEL VICENTE, PAZ, MX  
[72] MAYA FLORES, ETEL, MX  
[71] INSTITUTO MEXICANO DEL PETROLEO, MX  
[71] UNIVERSIDAD POLITECNICA DE VALENCIA, ES  
[71] PEMEX PETROQUIMICA, MX  
[22] 2013-10-04  
[41] 2014-04-24  
[62] 2,888,633  
[30] US (13/655,620) 2012-10-19  
[30] MX (MX/A/2013/006308) 2013-06-05  
[30] ES (P201331144) 2013-07-25

[21] **2,937,276**  
[13] A1

[51] **Int.Cl. B23K 11/36 (2006.01) B23K 11/30 (2006.01) B23Q 3/155 (2006.01)**  
[25] EN  
[54] **SPOT WELDING CAP CHANGER**  
[54] **CHANGEUR DE CAPSULES DE SOUDAGE PAR POINT**  
[72] KAESELER, WERNER, DE  
[71] 002152706 ONTARIO LIMITED, CA  
[22] 2006-07-19  
[41] 2007-02-01  
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[30] DE (102005035915.9) 2005-07-28



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[21] **2,937,279**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/74 (2006.01) G01N 33/76 (2006.01)**

[25] EN

[54] **DIAGNOSTIC DETECTION DEVICE**

[54] **DISPOSITIF DE DETECTION POUR DIAGNOSTIC**

[72] NAZARETH, ALBERT, US

[72] SNOWDEN, TIMOTHY, US

[72] CHENG, YEA-SHUN, US

[71] CHURCH & DWIGHT CO., INC., US

[22] 2008-02-29

[41] 2008-09-04

[62] 2,679,334

[30] US (11/681,061) 2007-03-01

[21] **2,937,323**  
[13] A1

[51] **Int.Cl. B32B 3/08 (2006.01) B32B 7/12 (2006.01) B32B 17/02 (2006.01) B32B 33/00 (2006.01) B61D 17/00 (2006.01) C09K 21/00 (2006.01)**

[25] EN

[54] **FIREPROOF THERMAL INSULATION SYSTEM AND METHOD**

[54] **DISPOSITIF D'ISOLEMENT THERMIQUE IGNIFUGE ET METHODE**

[72] GREEN, ANDY E., US

[71] DISTRIBUTION INTERNATIONAL SOUTHWEST, INC., US

[22] 2014-08-19

[41] 2015-11-29

[62] 2,859,835

[30] US (62/004,675) 2014-05-29

[30] US (14/448,782) 2014-07-31

[21] **2,937,347**  
[13] A1

[51] **Int.Cl. B21F 23/00 (2006.01) B21F 9/02 (2006.01) B21F 15/00 (2006.01) B65H 49/18 (2006.01) B65H 59/38 (2006.01) F16G 11/00 (2006.01)**

[25] EN

[54] **BRAKE SYSTEM OF WIRE REEL IN REINFORCING BAR BINDING MACHINE**

[54] **SYSTEME DE FREINAGE DU TOURNIQUET DEVIDEUR DE LIEUSE DE BARRES RENFORCEE**

[72] ITAGAKI, OSAMU, JP

[71] MAX CO., LTD., JP

[22] 2009-05-05

[41] 2009-11-19

[62] 2,665,299

[30] JP (2008-130641) 2008-05-19

[30] JP (2008-130646) 2008-05-19

[30] JP (2009-092693) 2009-04-07

[21] **2,937,437**  
[13] A1

[51] **Int.Cl. B05B 17/00 (2006.01) A63G 31/00 (2006.01) A63J 11/00 (2006.01) B05B 1/04 (2006.01) B05B 1/20 (2006.01) B05B 12/00 (2006.01) B05B 17/08 (2006.01) F15B 21/08 (2006.01) G09F 19/18 (2006.01)**

[25] EN

[54] **APPARATUS FOR PRODUCING RECONFIGURABLE WALLS OF WATER**

[54] **APPAREIL SERVANT A CREER UN DEDALE DE MURS D'EAU RECONFIGURABLE**

[72] LUNDE, MONTGOMERY C., US

[72] FOLCKEMER, CLEMENT, US

[71] TECHNIFEX PRODUCTS, LLC, US

[22] 2011-02-25

[41] 2012-04-09

[62] 2,732,731

[30] US (12/901,524) 2010-10-09

[21] **2,937,465**  
[13] A1

[51] **Int.Cl. A47B 45/00 (2006.01) A47B 46/00 (2006.01) A47G 25/06 (2006.01)**

[25] EN

[54] **VARIABLE PLANFORM SHELVING SYSTEM**

[54] **SYSTEME D'ETAGERES A FORME EN PLAN VARIABLE**

[72] FANOURGIAKIS, GEORGE, US

[72] BRUCIA, LAWRENCE, US

[71] STOREXPERS, INC., US

[22] 2013-01-28

[41] 2013-08-01

[62] 2,861,087

[30] US (13/359,016) 2012-01-26

[30] US (61/702,157) 2012-09-17

[21] **2,937,470**  
[13] A1

[51] **Int.Cl. C09D 183/10 (2006.01)**

[25] EN

[54] **EPOXY SILOXANE COATING COMPOSITIONS**

[54] **COMPOSITIONS DE REVETEMENT D'EPOXY-SILOXANE**

[72] MOWRER, NORMAN R., US

[71] PPG INDUSTRIES OHIO, INC., US

[22] 2013-03-08

[41] 2013-09-12

[62] 2,866,375

[30] US (13/415,925) 2012-03-09

[21] **2,937,563**  
[13] A1

[51] **Int.Cl. B05B 17/00 (2006.01) A63G 31/00 (2006.01) A63J 11/00 (2006.01) B05B 1/04 (2006.01) B05B 1/20 (2006.01) B05B 12/00 (2006.01) B05B 17/08 (2006.01) F15B 21/08 (2006.01) G09F 19/18 (2006.01)**

[25] EN

[54] **APPARATUS FOR PRODUCING RECONFIGURABLE WALLS OF WATER**

[54] **APPAREIL SERVANT A CREER UN DEDALE DE MURS D'EAU RECONFIGURABLE**

[72] LUNDE, MONTGOMERY C., US

[72] FOLCKEMER, CLEMENT, US

[71] TECHNIFEX PRODUCTS, LLC, US

[22] 2011-02-25

[41] 2012-04-09

[62] 2,732,731

[30] US (12/901,524) 2010-10-09

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[21] **2,937,565**  
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/064 (2006.01) A61B 17/072 (2006.01) A61B 17/115 (2006.01)**

[25] EN

[54] **SURGICAL STAPLING INSTRUMENTS INCLUDING A CARTRIDGE HAVING MULTIPLE STAPLE SIZES**

[54] **AGRAFEUSES CHIRURGICALES COMPRENANT UNE CARTOUCHE AVEC DE MULTIPLES GRANDEURS D'AGRAFES**

[72] HOLSTEN, HENRY, US

[72] VIOLA, FRANK J., US

[72] EMMONS, CLIFFORD L., US

[72] BEARDSLEY, JOHN W., US

[72] HEINRICH, RUSSELL, US

[71] COVIDIEN LP, US

[22] 2007-05-16

[41] 2007-11-18

[62] 2,864,538

[30] US (11/436,222) 2006-05-18

[21] **2,937,610**  
[13] A1

[51] **Int.Cl. A61H 3/00 (2006.01) A61F 5/00 (2006.01)**

[25] EN

[54] **MOBILITY AID AIDE A LA MOBILITE**

[72] LITTLE, RICHARD, NZ

[72] IRVING, ROBERT ALEXANDER, NZ

[71] REX BIONICS LIMITED, NZ

[22] 2008-12-24

[41] 2009-07-02

[62] 2,710,677

[30] US (61/006,136) 2007-12-26

[21] **2,937,633**  
[13] A1

[51] **Int.Cl. G01D 21/02 (2006.01) G06Q 50/28 (2012.01) B64F 1/00 (2006.01)**

[25] EN

[54] **LUGGAGE PROCESSING STATION**

[54] **SYSTEME DE GESTION DES BAGAGES**

[72] SANDERSON, MICHAEL DUPRE, AU

[72] DINKELMANN, RAINER RUDOLF, AU

[72] BELLAMY, PAUL CRAIG, AU

[72] RIEGMAN, CHRISTIAN, AU

[72] IFIELD, KENNETH SCOTT, AU

[71] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU

[22] 2011-07-28

[41] 2012-02-02

[62] 2,806,612

[30] AU (2010903430) 2010-07-28

[21] **2,937,636**  
[13] A1

[51] **Int.Cl. B64F 1/32 (2006.01) G06Q 50/28 (2012.01) B64F 1/00 (2006.01) B64F 1/36 (2006.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) G01G 23/16 (2006.01)**

[25] EN

[54] **LUGGAGE PROCESSING STATION**

[54] **SYSTEME DE GESTION DES BAGAGES**

[72] DINKELMANN, RAINER RUDOLF, AU

[72] BELLAMY, PAUL CRAIG, AU

[72] RIEGMAN, CHRISTIAN, AU

[72] IFIELD, KENNETH SCOTT, AU

[72] SANDERSON, MICHAEL DUPRE, AU

[71] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU

[22] 2011-07-28

[41] 2012-02-02

[62] 2,806,612

[30] AU (2010903430) 2010-07-28

[21] **2,937,637**  
[13] A1

[51] **Int.Cl. G06Q 50/28 (2012.01)**

[25] EN

[54] **LUGGAGE PROCESSING STATION**

[54] **SYSTEME DE GESTION DES BAGAGES**

[72] SANDERSON, MICHAEL DUPRE, AU

[72] DINKELMANN, RAINER RUDOLF, AU

[72] BELLAMY, PAUL CRAIG, AU

[72] RIEGMAN, CHRISTIAN, AU

[72] IFIELD, KENNETH SCOTT, AU

[71] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU

[22] 2011-07-28

[41] 2012-02-02

[62] 2,806,612

[30] AU (2010903430) 2010-07-28

[21] **2,937,671**  
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**

[25] EN

[54] **INFUSION PUMP POMPE A PERFUSION**

[72] GILLESPIE, JOHN, JR., US

[72] LABEDZ, RALPH H., US

[72] PLATT, MICHAEL KENNETH, US

[72] SPANG, RONALD H., JR., US

[72] BERRILL, JAMES FREI, US

[72] VOGEL, MATTHEW STEPHEN, US

[72] GREANEY, MICHELLE KOWALSKI, US

[71] BAXTER INTERNATIONAL INC., US

[22] 2002-11-15

[41] 2003-12-24

[62] 2,854,094

[30] US (10/172807) 2002-06-14

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[21] **2,937,673**  
[13] A1

[51] **Int.Cl. G06Q 50/28 (2012.01) B65G 47/00 (2006.01) G01G 19/52 (2006.01) G01G 19/62 (2006.01)**

[25] EN  
[54] **LUGGAGE PROCESSING STATION**  
[54] **SYSTEME DE GESTION DES BAGAGES**  
[72] SANDERSON, MICHAEL DUPRE, AU  
[72] DINKELMANN, RAINER RUDOLF, AU  
[72] BELLAMY, PAUL CRAIG, AU  
[72] RIEGMAN, CHRISTIAN, AU  
[72] IFIELD, KENNETH SCOTT, AU  
[71] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU  
[22] 2011-07-28  
[41] 2012-02-02  
[62] 2,806,612  
[30] AU (2010903430) 2010-07-28

[21] **2,937,674**  
[13] A1

[51] **Int.Cl. G06Q 50/28 (2012.01) B65G 47/00 (2006.01) G01B 21/02 (2006.01) G01G 19/52 (2006.01)**

[25] EN  
[54] **LUGGAGE PROCESSING STATION**  
[54] **SYSTEME DE GESTION DES BAGAGES**  
[72] SANDERSON, MICHAEL DUPRE, AU  
[72] DINKELMANN, RAINER RUDOLF, AU  
[72] BELLAMY, PAUL CRAIG, AU  
[72] RIEGMAN, CHRISTIAN, AU  
[72] IFIELD, KENNETH SCOTT, AU  
[71] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU  
[22] 2011-07-28  
[41] 2012-02-02  
[62] 2,806,612  
[30] AU (2010903430) 2010-07-28

[21] **2,937,817**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01) E04F 15/04 (2006.01) E04F 15/10 (2006.01)**

[25] EN  
[54] **FLOOR COVERING, FLOOR ELEMENT AND METHOD FOR MANUFACTURING FLOOR ELEMENTS**  
[54] **REVETEMENT DE SOL, ELEMENTS DE SOL ET PROCEDE DE FABRICATION D'ELEMENTS DE SOL**  
[72] CAPPALLE, MARK, BE  
[71] FLOORING INDUSTRIES LIMITED, SARL, LU  
[22] 2007-03-22  
[41] 2007-12-13  
[62] 2,856,920  
[30] BE (2006/0309) 2006-06-02

[21] **2,937,879**  
[13] A1

[51] **Int.Cl. B31B 19/10 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING BAGS**  
[54] **PROCEDE ET APPAREIL POUR FABRIQUER DES SACS**  
[72] SELLE, PAUL, US  
[72] WHITE, CHRISTOPHER, US  
[72] CAMPBELL, JAMES, US  
[72] RYMER, TIMOTHY, US  
[71] CMD CORPORATION, US  
[22] 2012-04-09  
[41] 2012-10-26  
[62] 2,831,569  
[30] US (13/090,733) 2011-04-20

[21] **2,937,902**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61J 7/00 (2006.01)**

[25] EN  
[54] **METHODS FOR FILLING PRESCRIPTIONS TO FULFILL A CUSTOMER ORDER**  
[54] **PROCEDES DE REMPLISSAGE D'ORDONNANCES POUR SATISFAIRE LA COMMANDE D'UN CLIENT**  
[72] CARSON, BRADLEY, US  
[72] SZESKO, MICHAEL J., US  
[71] OMNICARE INC., US  
[22] 2010-12-17  
[41] 2011-07-14  
[62] 2,781,890  
[30] US (12/640,065) 2009-12-17

[21] **2,937,932**  
[13] A1

[51] **Int.Cl. F04D 29/12 (2006.01) F04D 29/10 (2006.01) F04D 29/62 (2006.01) F16J 15/34 (2006.01)**

[25] EN  
[54] **ADJUSTMENT MECHANISM FOR PUMP SEAL**  
[54] **MECANISME D'AJUSTEMENT POUR JOINT DE POMPE**  
[72] DEWSNAP, GREGORY CRAIG, GB  
[71] LINATEX LIMITED, GB  
[22] 2010-10-18  
[41] 2012-03-08  
[62] 2,809,869  
[30] AU (2010903916) 2010-08-31

[21] **2,937,962**  
[13] A1

[51] **Int.Cl. B66C 13/16 (2006.01) B66C 13/18 (2006.01) B66C 15/06 (2006.01) B66F 9/075 (2006.01) G07C 5/08 (2006.01)**

[25] EN  
[54] **SYSTEM FOR MANAGING OPERATION OF INDUSTRIAL VEHICLES**  
[54] **SYSTEME DE GESTION DE L'EXPLOITATION DE VEHICULES INDUSTRIELS**  
[72] MEDWIN, STEVE, US  
[72] MCCABE, PAUL P., US  
[71] THE RAYMOND CORPORATION, US  
[22] 2009-04-15  
[41] 2009-10-22  
[62] 2,721,463  
[30] US (61/046,247) 2008-04-18

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[13] A1

[51] **Int.Cl. B66C 13/16 (2006.01) G06Q 50/06 (2012.01) B60L 9/00 (2006.01) B66C 13/18 (2006.01) B66C 15/06 (2006.01) B66F 9/075 (2006.01) G07C 5/08 (2006.01) H02J 7/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR MANAGING OPERATION OF INDUSTRIAL VEHICLES**

[54] **SYSTEME DE GESTION DE L'EXPLOITATION DE VEHICULES INDUSTRIELS**

[72] MEDWIN, STEVE, US

[72] MCCABE, PAUL P., US

[71] THE RAYMOND CORPORATION, US

[22] 2009-04-15

[41] 2009-10-22

[62] 2,721,463

[30] US (61/046,247) 2008-04-18

[21] **2,938,085**  
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01) B60R 5/00 (2006.01) B64C 1/22 (2006.01)**

[25] EN

[54] **PIVOT BIN ASSEMBLY**

[54] **ENSEMBLE COMPARTIMENT A BAGAGES A PIVOT**

[72] SAVIAN, SCOTT, US

[72] KEARSEY, STEPHEN, GB

[72] WILLIAMS, COREY, US

[71] C&D ZODIAC, INC., US

[22] 2014-02-13

[41] 2014-08-21

[62] 2,898,647

[30] US (14/179,494) 2014-02-12

[30] US (13/765,652) 2013-02-12

[30] US (61/764,503) 2013-02-13

[30] US (61/809,281) 2013-04-05

[30] US (61/835,896) 2013-06-17

[21] **2,938,102**  
[13] A1

[51] **Int.Cl. G05F 1/10 (2006.01) H02H 3/02 (2006.01) H03K 17/52 (2006.01)**

[25] EN

[54] **HIGH VOLTAGE HIGH CURRENT VACUUM INTEGRATED CIRCUIT**

[54] **CIRCUIT INTEGRE DE VIDE A COURANT ELEVE ET TENSION ELEVEE**

[72] BIRNBACH, CURTIS A., US

[71] ADVANCED FUSION SYSTEMS LLC, US

[22] 2011-10-05

[41] 2012-04-12

[62] 2,809,883

[30] US (61/390,031) 2010-10-05

[30] US (61/406,792) 2010-10-26

[21] **2,938,241**  
[13] A1

[51] **Int.Cl. C07D 311/58 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED 4-ARYL-CHROMENE AS ACTIVATOR OF CASPASES AND INDUCER OF APOPTOSIS AND AS ANTIVASCULAR AGENT AND THE USE THEREOF**

[54] **4-ARYL-CHROMENE SUBSTITUE EN TANT QU'ACTIVATEUR DE CAPSASES ET INDUCTEUR D'APOPTOSE AINSI QUE COMME AGENT ANTI-VASCULAIRE, ET UTILISATION**

[72] CAI, SUI XIONG, US

[72] DREWE, JOHN A., US

[72] KASIBHATLA, SHAILAJA, US

[72] KEMNITZER, WILLIAM E., US

[72] TSENG, BEN Y., US

[72] BLAIS, CHARLES, CA

[72] GOURDEAU, HENRIETTE, CA

[72] LABRECQUE, DENIS, CA

[71] CYTOVIA, INC., US

[22] 2007-07-06

[41] 2008-01-10

[62] 2,656,706

[30] US (60/806,674) 2006-07-06

[21] **2,938,243**  
[13] A1

[51] **Int.Cl. E21B 37/02 (2006.01)**

[25] EN

[54] **DEBURRING MILL TOOL FOR WELLBORE CLEANING**

[54] **OUTIL DE FRAISAGE ET D'EBAVURAGE POUR NETTOYAGE DE Puits DE FORAGE**

[72] BANSAL, RAM K., US

[72] MEEKS, ARTHUR WARREN, US

[72] HAQ, MOHAMMED ALEEMUL, US

[72] XIAO, BIN, US

[72] MIHALJ, MIROSLAV, US

[72] KIPPYE, DAVID PETER, US

[72] BAILEY, THOMAS F., US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[22] 2013-10-16

[41] 2014-04-26

[62] 2,830,233

[30] US (13/662,120) 2012-10-26

[21] **2,938,275**  
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **PRESERVATION OF FETAL NUCLEIC ACIDS IN MATERNAL PLASMA**

[54] **PRESERVATION DES ACIDES NUCLEIQUES FOETAUX DANS LE PLASMA MATERNEL**

[72] FERNANDO, M. ROHAN, US

[72] CHAO-WEI CHEN, KATE, US

[71] STRECK, INC., US

[22] 2010-01-21

[41] 2011-01-22

[62] 2,690,651

[30] US (61/227,529) 2009-07-22

[21] **2,938,276**  
[13] A1

[51] **Int.Cl. A01K 1/03 (2006.01) A01K 1/00 (2006.01) A01K 1/02 (2006.01) A01K 31/00 (2006.01) A45F 5/00 (2006.01)**

[25] EN

[54] **PET CARRIER ACCESS PORTAL**

[54] **PORTE D'ACCES A UNE CAGE POUR ANIMAL**

[72] MIRSKY, JONATHAN, US

[71] MIRSKY, JONATHAN, US

[22] 2006-03-13

[41] 2006-09-21

[62] 2,619,655

[30] US (11/080,320) 2005-03-15

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,938,299**  
[13] A1

[51] **Int.Cl. C10G 2/00 (2006.01) C10G 57/00 (2006.01)**  
[25] EN  
[54] **CONVERSION OF SYNTHESIS GAS INTO LIQUID HYDROCARBONS VIA FISCHER TROPSCH SYNTHESIS**  
[54] **CONVERSION D'UN GAZ DE SYNTHESE EN HYDROCARBURES LIQUIDES FAISANT APPEL A UNE SYNTHESE FISCHER-TROPSCH**  
[72] MARTENS, FRANCISCUS  
JOHANNA ARNOLDUS, CA  
[71] NEXEN ENERGY ULC, CA  
[22] 2014-11-13  
[41] 2015-05-21  
[62] 2,911,660  
[30] US (61/903,738) 2013-11-13

[21] **2,938,303**  
[13] A1

[51] **Int.Cl. F21V 17/10 (2006.01) F21V 15/01 (2006.01) F21V 31/00 (2006.01) F21V 31/03 (2006.01) F21K 9/00 (2016.01) F21V 29/00 (2015.01)**  
[25] EN  
[54] **LUMINAIRES AND LUMINAIRE MOUNTING STRUCTURES**  
[54] **LUMINAIRES ET STRUCTURES DE MONTAGE DE LUMINAIRE**  
[72] BOYER, JOHN D., US  
[72] HUTCHENS, DANIEL, US  
[72] MOOAR, ERIC JON, US  
[71] LSI INDUSTRIES, INC., US  
[22] 2014-02-25  
[41] 2014-10-02  
[62] 2,892,265  
[30] US (13/828,446) 2013-03-14

[21] **2,938,381**  
[13] A1

[51] **Int.Cl. B61L 7/06 (2006.01) B61L 3/12 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR WIRELESS REMOTE CONTROL OF LOCOMOTIVES**  
[54] **SYSTEME ET PROCEDE DE COMMANDE A DISTANCE SANS FIL DE LOCOMOTIVES**  
[72] AIKEN, ROBERT C., US  
[72] EVANS, RICHARD, US  
[72] VERHOLEK, CARL L., US  
[72] DUCKLIN, WILLIAM, US  
[72] MCDONALD, STEVE, US  
[72] CONNER, DANA, US  
[72] LORDO, SCOTT, US  
[72] BELLOTTI, CURT, US  
[72] RADER, ROBERT, US  
[71] CATTRON-THEIMEG, INC., US  
[22] 2003-07-31  
[41] 2004-02-05  
[62] 2,494,145  
[30] US (10/210,777) 2002-07-31

[21] **2,938,404**  
[13] A1

[51] **Int.Cl. G01N 13/04 (2006.01) G01N 33/48 (2006.01) G01N 33/487 (2006.01)**  
[25] EN  
[54] **BIOMARKER NORMALIZATION**  
[54] **NORMALISATION DE BIOMARQUEUR**  
[72] SULLIVAN, BENJAMIN, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[22] 2008-04-16  
[41] 2008-10-23  
[62] 2,684,488  
[30] US (60/912,129) 2007-04-16

[21] **2,938,411**  
[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01) A61B 17/22 (2006.01) A61B 18/14 (2006.01) A61B 18/18 (2006.01) A61M 25/10 (2013.01)**  
[25] EN  
[54] **SELECTABLE ECCENTRIC REMODELING AND/OR ABLATION OF ATHEROSCLEROTIC MATERIAL**  
[54] **REMODELAGE EXCENTRIQUE ET/OU ABLATION D'UNE MATIERE ATHEROSCLEREUSE**  
[72] STEINKE, TOM A., US  
[72] STONE, CORBETT W., US  
[72] ROSS, STEPHEN O., US  
[72] KELLEHER, BRIAN S., US  
[72] MICHEL, RAPHAEL M., US  
[71] MINNOW MEDICAL, LLC, US  
[22] 2004-09-10  
[41] 2005-05-12  
[62] 2,539,026  
[30] US (60/502,515) 2003-09-12

[21] **2,938,479**  
[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) E04C 2/02 (2006.01) F16S 1/00 (2006.01)**  
[25] EN  
[54] **COMPOSITE COATED SUBSTRATES AND MOLDABLE COMPOSITE MATERIALS**  
[54] **SUBSTRATS REVETUS DE COMPOSITE ET MATERIAUX COMPOSITES APTES AU MOULAGE**  
[72] GORDON, MIKE, US  
[72] PILPEL, EDWARD, US  
[71] GORDON HOLDINGS, INC., US  
[22] 2009-03-27  
[41] 2009-10-01  
[62] 2,853,570  
[30] US (61/039825) 2008-03-27

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[21] 2,938,480 [13] A1	[21] 2,938,547 [13] A1	[21] 2,938,554 [13] A1
[51] <b>Int.Cl. G01N 13/04 (2006.01) G01N 33/48 (2006.01) G01N 33/487 (2006.01)</b>	[51] <b>Int.Cl. C07D 403/04 (2006.01) A61K 31/4184 (2006.01)</b>	[51] <b>Int.Cl. B31B 1/46 (2006.01) B31B 7/46 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>BIOMARKER NORMALIZATION</b>	[54] <b>ANTI-VIRAL COMPOUNDS</b>	[54] <b>REINFORCED POLYGONAL CONTAINERS AND BLANKS, METHODS, AND MACHINE FOR MAKING THE SAME</b>
[54] <b>NORMALISATION DE BIOMARQUEUR</b>	[54] <b>COMPOSES ANTIVIRAUX</b>	[54] <b>CONTENEURS POLYGONAUX RENFORCES, ET FLANS, METHODES ET MACHINES DE FABRICATION</b>
[72] SULLIVAN, BENJAMIN, US	[72] DEGOEY, DAVID A., US	[72] GRAHAM, THOMAS D., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US	[72] KATI, WARREN M., US	[72] ANDERSON, RICKI D., US
[22] 2008-04-16	[72] HUTCHINS, CHARLES W., US	[72] ROJAS, GUILLERMO, US
[41] 2008-10-23	[72] DONNER, PAMELA L., US	[72] SMITH, KENNETH C., US
[62] 2,684,488	[72] DONNER, PAMELA L., US	[71] ROCK-TENN SHARED SERVICES, LLC, US
[30] US (60/912,129) 2007-04-16	[72] KRUEGER, ALLAN C., US	[22] 2009-05-07
	[72] RANDOLPH, JOHN T., US	[41] 2009-11-07
	[72] MOTTER, CHRISTOPHER E., US	[62] 2,665,941
	[72] NELSON, LISSA T., US	[30] US (61/051302) 2008-05-07
	[72] PATEL, SACHEL V., US	[30] US (12/256051) 2008-10-22
	[72] MATULENKO, MARK A., US	[30] US (61/107614) 2008-10-22
	[72] KEDDY, RYAN G., US	[30] US (12/436712) 2009-05-06
	[72] JINKERSON, TAMMIE K., US	
	[72] GAO, YI, US	
	[72] LIU, DACHUN, US	
	[72] PRATT, JOHN K., US	
	[72] ROCKWAY, TODD W., US	
	[72] MARING, CLARENCE J., US	
	[72] HUTCHINSON, DOUGLAS K., US	
	[72] FLENTGE, CHARLES A., US	
	[72] WAGNER, ROLF, US	
	[72] TUFANO, MICHAEL D., US	
	[72] BETEBENNER, DAVID A., US	
	[72] SARRIS, KATHY, US	
	[72] WOLLER, KEVIN R., US	
	[72] WAGAW, SEBEL H., US	
	[72] CALIFANO, JEAN C., US	
	[72] LI, WENKE, US	
	[72] CASPI, DANIEL D., US	
	[72] BELIZZI, MARY E., US	
	[72] CARROLL, WILLIAM A., US	
	[71] ABBVIE BAHAMAS LTD., US	
	[22] 2011-10-12	
	[41] 2012-04-19	
	[62] 2,807,847	
	[30] US (12/903,822) 2010-10-13	
	[30] US (12/964,027) 2010-12-09	
	[30] US (61/446,800) 2011-02-25	
	[30] US (13/100,827) 2011-05-04	
		[21] 2,938,562 [13] A1
		[51] <b>Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)</b>
		[25] EN
		[54] <b>SYSTEM FOR INDIVIDUALIZED CUSTOMER INTERACTION</b>
		[54] <b>SYSTEME PERMETTANT D'INDIVIDUALISER UNE INTERACTION CLIENT</b>
		[72] FANO, ANDREW E., US
		[72] CUMBY, CHAD M., US
		[72] GHANI, RAYID, US
		[72] KREMA, MARKO, US
		[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
		[22] 2005-02-28
		[41] 2005-09-15
		[62] 2,556,778
		[30] US (60/548,261) 2004-02-27

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,938,644**

[13] A1

[51] **Int.Cl. A61K 9/52 (2006.01) A61K  
9/16 (2006.01) A61K 31/145 (2006.01)**

[25] EN

[54] **DELAYED RELEASE  
CYSTEAMINE BEAD  
FORMULATION, AND METHODS  
OF MAKING AND USING SAME**

[54] **PREPARATION DE BILLES DE  
CYSTEAMINE A LIBERATION  
RETARDEE**

[72] POWELL, KATHLENE, US

[72] MUTTAVARAPU, RAMESH, US

[71] RAPTOR PHARMACEUTICALS  
INC., US

[22] 2014-06-17

[41] 2014-12-24

[62] 2,914,770

[30] US (61/835,965) 2013-06-17

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[21] **2,938,743**

[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01)**

[25] EN

[54] **NASAL CANNULA**

[54] **CATHETER NASAL**

[72] HOBSON, NICHOLAS ALEXANDER,  
NZ

[72] KORNER, STEVEN CHARLES, NZ

[72] WHITE, CRAIG KARL, NZ

[72] BEURDEN, JASON VAN, NZ

[71] FISHER & PAYKEL HEALTHCARE  
LIMITED, NZ

[22] 2009-12-01

[41] 2010-06-01

[62] 2,686,747

[30] US (61/118750) 2008-12-01

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[21] **2,938,784**

[13] A1

[51] **Int.Cl. B42D 25/328 (2014.01) B42D  
25/20 (2014.01) B42D 25/36 (2014.01)  
B42D 25/45 (2014.01) G02B 3/02  
(2006.01)**

[25] EN

[54] **MICRO-OPTIC SECURITY AND  
IMAGE PRESENTATION SYSTEM**  
[54] **SYSTEME DE SECURITE MICRO-  
OPTIQUE ET DE PRESENTATION  
D'IMAGE**

[72] STEENBLIK, RICHARD, US

[72] HURT, MARK, US

[72] JORDAN, GREGORY, US

[71] VISUAL PHYSICS, LLC, US

[22] 2004-11-22

[41] 2005-06-09

[62] 2,546,930

[30] US (60/524,281) 2003-11-21

[30] US (60/538,392) 2004-01-22

[30] US (60/627,234) 2004-11-12

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BERGERON, MICHEL G.	2,679,395	BOUWENS, PAUL	2,712,369	CAPPS, MARK J.	2,722,366
BERGUM, ROBERT A.	2,819,827	BOUYER, PHILIPPE	2,717,963	CARDIN, RACHEL	2,815,489
BERKENBUSCH, THILO	2,737,055	BOYCE, JILL	2,824,741	CAREFUSION 203, INC.	2,671,191
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BERNABEU-AUBAN, JOSE	2,710,343	BRAUN GMBH	2,841,661	CARLA, VITO	2,819,509
BERNARD, PATRICK	2,712,009	BREKKE, GEIR	2,710,598	CARLESSI, LINO	2,730,393
BERNARD, PHILIPPE	2,729,320	BREUER, ARNDT	2,850,409	CARLING, WILLIAM R.	2,860,392
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BIGIO, MASSIMO	2,693,936	BROWN, MICHAEL KENNETH	2,702,780	QUEBEC	2,848,149
BIGORRA LLOSAS, JOAQUIN	2,676,741	BROWN, SCOTT M.	2,751,468	CENTRE NATIONAL DE LA	
BIOCARTIS NV	2,752,823	BROWN, SCOTT M.	2,754,436	RECHERCHE	
BIOLAB SANUS		BRUCE, IAN	2,806,498	SCIENTIFIQUE (CNRS)	2,717,963
FARMACEUTICA LTDA.	2,621,482	BRUEL, MARC	2,740,827	CENTRE NATIONAL DE LA	
BIOMAN S.R.L.	2,569,508	BRUHN, RALF	2,658,899	RECHERCHE	
BIRD, ANTHONY RICHARD	2,594,155	BRUKER BIOSPIN		SCIENTIFIQUE (CNRS)	2,810,371
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BIVER, CLAUDINE	2,720,663	BRUN, VIRGINIE	2,689,304	RECHERCHE	
BIYANI, MANISH		BUCCHERI, ALFIO	2,798,878	SCIENTIFIQUE -CNRS-	2,720,663
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BLACKBERRY LIMITED	2,702,780	BUNDESDRUCKEREI GMBH	2,703,182	CENTRO DE INGENIERIA	
BLACKBERRY LIMITED	2,731,595	BUNTE, ALAN	2,705,379	GENETICA Y	
BLACKBERRY LIMITED	2,809,562	BURGOON, DONALD L.	2,716,423	BIOTECNOLOGIA	2,629,895
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BLAGG, JULIAN	2,739,527	BURKE, MICHAEL K.	2,880,595	BIOTECNOLOGIA	2,644,431
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BLOM, ADRIANA WILLEMPJE	2,775,182	BUTLER, JONATHAN		CERTICOM CORP.	2,807,055
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BOEHLEN, RETO	2,749,762	CAMP, DAVID P.	2,751,468	CHANG, SHENGSHIH	2,830,111
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YANG, BIN	2,857,176
YANG, MINMIN	2,707,988
YANG, TAI-HER	2,649,545
YANG, TAI-HER	2,686,520
YANO, TETSUYA	2,803,860
YESILDAG, CENGIZ	2,703,182
YISONG, XIAO	2,726,844
YOKONO, MASAHIRO	2,672,788
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YOSHITOMI, TOMOMI	2,843,238
YOU, LIANG	2,632,813
YOUNG, RICHARD S.	2,820,074
YOUNG, STEVEN	2,804,172
YU, GANG	2,312,518
YU, QIANG	2,678,947
YUAN, QING QING	2,892,629
YUDS, DAVID	2,855,898
YUMASHEVA, TATYANA MODESTOVNA	2,907,862
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ZHANG, LI	2,662,443
ZHANG, QISHENG	2,638,079
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GOPALARAO, SUDHINDRA		JUNGE, CARSTEN	2,919,852	NEVERARC INC.	2,899,354
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ACKER, JARON M.	2,939,094	PHARMACEUTICALS		BARTOLI, ANDREA	2,937,508
ACTIVE MINERALS		GMBH	2,938,552	BARUCO, SAMUEL	2,938,786
INTERNATIONAL, LLC	2,939,000	ARCELORMITTAL S.A.	2,938,851	BASF AGRO B.V.	2,938,771
ADACHI, TAKUHIKO	2,937,666	ARDITI, MARCEL	2,937,467	BASF AGRO B.V.	2,938,806
ADDEPALLI, MURALI		ARES TRADING S.A.	2,934,638	BASF COATINGS GMBH	2,938,900
KRISHNA	2,937,660	ARIAS, URIEL	2,938,527	BASF CORPORATION	2,939,090
AGERTON, MARK LEWIS	2,937,687	ARQULE INC.	2,938,923	BASF SE	2,938,615
AGXPLORE INTERNATIONAL	2,938,532	ARRON, JOSEPH R.	2,937,556	BASF SE	2,938,903
AGXPLORE INTERNATIONAL	2,938,563	ARYAL, SHRUTI	2,936,018	BASF SE	2,939,032
AHNE, ADAM	2,938,906	ASAKURA, MASAHIRO	2,938,817	BASF SE	2,939,044
AHNE, ADAM	2,938,911	ASAKURA, TOMIKO	2,938,507	BASF SE	2,939,052
AHNE, ADAM J.	2,938,892	ASCENSIA DIABETES CARE		BASS, CAMERON R.	2,939,091
AHUJA, MANISH	2,937,839	HOLDINGS AG	2,938,704	BASS, RONALD M.	2,936,775
AIRVANA LP	2,938,949	ASKIN, JOSHUA	2,938,668	BASTOS, CARLOS ANDRE	
AKZO NOBEL COATINGS		ASTELLAS PHARMA INC.	2,938,818	PASSOS	2,939,050
INTERNATIONAL B.V.	2,938,782	ATKINSON, BRIAN	2,938,993	BASU MALLICK, PRATEEK	2,938,617
ALARD, JEANNE	2,938,790	ATLAS ROOFING		BATES, CRAIG	2,938,923
ALCOA INC.	2,938,420	CORPORATION	2,938,666	BAUSER, MARCUS	2,939,021
ALCOA INC.	2,938,672	AULT, EDWARD W.	2,937,132	BAUSER, MARCUS	2,939,026
ALCORN, GREGORY	2,938,986	AUSTEN BIOINNOVATION		BAX, JEFFREY SCOTT	2,938,897
ALENTIC MICROSCIENCE		INSTITUTE IN AKRON	2,938,882	BAYER PHARMA	
INC.	2,938,896	AVENT, INC.	2,936,018	AKTIENGESELLSCHAFT	2,939,015
ALEXANDER, STEVEN		AVINGER, INC.	2,938,972	BAYER PHARMA	
ROBERT	2,937,687	AVON PRODCUTS, INC.	2,938,277	AKTIENGESELLSCHAFT	2,939,021
ALFRED-WEGENER-INSTITUT		AWE, MICHAEL D.	2,938,843	BAYER PHARMA	
HELMHOLTZ-ZENTRUM		AXXAM S.P.A.	2,938,703	AKTIENGESELLSCHAFT	2,939,026
FUR POLAR- UND		AYUDA MEDIA SYSTEMS		BAYER, DOMNIK	2,938,903
MEERESFORSCHUNG	2,935,731	INC.	2,938,913	BAZARGAN, SAMAD	2,938,674
ALMAC DIAGNOSTICS		BABCOCK, GREGORY	2,938,590	BAZARGAN, SAMAD	2,938,675
LIMITED	2,938,807	BABIY, SERGIY	2,939,048	BEAUDEGNIES, RENAUD	2,938,799
ALONSO FERNANDEZ, JOSE	2,937,728	BACHMAYER, RALF	2,938,534	BEBAK, KENNETH T.	2,938,934
ALT INNOVATIONS LLC	2,938,531	BACIGALUPI, BRADLEY	2,939,086	BECHARD, DAVID	2,938,649
ALTER, HARRY A.	2,938,668	BACINO, JOHN E.	2,939,097	BECHTEL, STEFAN	2,938,771
ALTMAN, NATHAN	2,937,956	BADIEI, HAMID	2,938,674	BECHTEL, STEFAN	2,938,806
AMBLER, DAVID MARK	2,937,728	BADIEI, HAMID	2,938,675	BECKETT, MARTIN	
AMMON, DAN	2,938,993	BAHEKAR, RAJESH	2,937,656	GREGORY	2,938,359
AMYRIS, INC.	2,938,654	BAK, YEVENIY M.	2,938,891	BECTON, DICKINSON AND	
AN, JUNYONG	2,939,012	BAKER HUGHES		COMPANY	2,938,600
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ANDERS, DOMINIK	2,938,714	BAKER HUGHES		COMPANY	2,938,602
ANDERSEN, PER JUST	2,938,670	INCORPORATED	2,938,934	BECTON, DICKINSON AND	
ANDERSON, GLEN T.	2,938,277	BAKER HUGHES		COMPANY	2,938,604
ANDOSCA, ROBERT G.	2,939,084	INCORPORATED	2,938,955	BECTON, DICKINSON AND	
ANDREA, JONATHAN	2,938,695	BAKER HUGHES		COMPANY	2,939,083
ANG SZE JIUNN, JEROME	2,939,019	INCORPORATED	2,938,958	BEIJING ZHONGKAIHONGDE	
ANLAUF, SONJA	2,939,021	BALDRIDGE, DEVIN		TECHNOLOGY CO., LTD.	2,938,641
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BIG BELLY SOLAR, INC.	2,939,075	BURBIDGE, ADAM	2,938,789	CERIANI, DANIELA	2,938,922
BIG BELLY SOLAR, INC.	2,939,077	BURG, JAMES	2,938,672	CERTEK HEAT MACHINE INC.	2,938,624
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BINGHAM, JAMES EDMUND	2,938,974	BURKHOLZ, JONATHAN KARL	2,938,602	CHAHAL, GURINDERBIR	2,939,100
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BLUM, GINA LYNN	2,937,687	C. R. BARD, INC.	2,938,957	CHATTERJI, ASHISH	2,938,699
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BOIN, LUCIANO	2,938,786	CAMERON INTERNATIONAL CORPORATION	2,938,984	CHEN, XIAOGANG	2,938,769
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CHUNG, BRETT	2,939,104	DALAL, KUSH	2,939,048	DJO, LLC	2,938,568
CHUNG, HOI KAN	2,936,964	DANA-FARBER CANCER INSTITUTE, INC.	2,939,006	DOBRINSKI, DANIEL DAVID	2,938,965
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CICCOLA, GABRIELE	2,938,672	DANDURAND, DUWAYNE	2,938,531	DONEGAN, SINEAD	2,938,807
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CLARVISTA MEDICAL, INC.	2,938,966	DANSKY, PETER	2,938,669	DOW AGROSCIENCES LLC	2,939,071
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CORNING INCORPORATED	2,938,842	DEGEORGE, GRANT	2,938,672	DURRBACH, EMILIE	2,939,037
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COX, JOHN M.	2,937,132	DENIS, MARC LEE	2,938,656	EDER, FRANZ	2,938,619
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EXOS LLC	2,938,663	FRENZEL, STEFAN	2,939,032	GOMEZ, NICHOLAS	2,938,568
EXXONMOBIL UPSTREAM		FRESENIUS MEDICAL CARE		GONG, TAO	2,938,875
RESARCH COMPANY	2,936,775	DEUTSCHLAND GMBH	2,938,646	GONZALES, DENIS ALFRED	2,937,371
EXXONMOBIL UPSTREAM		FRICKE, BERND	2,938,615	GOOD DAY TOOLS LLC	2,938,978
RESEARCH COMPANY	2,936,554	FRIESENHAHN, MICHEL	2,938,466	GOODALL, ROGER MORGAN	2,938,920
EYB, ENNO	2,938,798	FRINKING, PETER	2,937,467	GOODE, MARK G.	2,938,836
EYRARD, THIERRY	2,938,646	FROMAGE, MATTHIEU	2,938,738	GOODMAN FIELDER NEW	
EYUBOGLU, VEDAT	2,938,949	FU, CHIH-SHANG	2,938,833	ZEALAND LIMITED	2,938,823
F. HOFFMANN-LA ROCHE AG	2,938,712	FUJIMOTO, TATSUHIKO	2,938,855	GOOGLE INC.	2,938,936
FAATZ, ELKE	2,938,712	FUJIREBIO DIAGNOSTICS AB	2,938,809	GOOGLE INC.	2,938,950
FACEBOOK, INC.	2,938,528	FUJISAWA, AKITOSHI	2,938,392	GORDEEV, MIKHAIL	
FACEBOOK, INC.	2,938,529	FUJITA, MITSU HARU	2,938,820	FEDOROVICH	2,939,098
FALLER, TORBJORN	2,938,780	FUJITANI, YASUHIRO	2,937,666	GORDON, LUKE	2,938,773
FAN, CHUANLIN	2,938,641	FURCINITI, DOUGLAS J.	2,939,074	GORMLEY, PAUL DEXTER	2,938,950
FAN, CHUANLIN	2,938,642	FURCINITI, DOUGLAS J.	2,939,075	GOSLING, GEOFF	2,938,880
FAN, CHUANLIN	2,938,643	FUSO PHARMACEUTICAL		GOSLING, GEOFF	2,938,885
FARIA, NUNO JORGE		INDUSTRIES, LTD.	2,938,817	GOURLEY, CHARLIE	2,938,807
RODRIGUES	2,939,050	FUTAKI, HISASHI	2,938,389	GOWDA, ASHOK	2,937,839
FARREN, DAVID MICHAEL	2,937,687	GABRIEL, JOHN THOMAS	2,938,638	GRABERT, RYAN	2,939,080
FASH, DAVID	2,938,971	GADWOOD, ROBERT C.	2,938,884	GRADEMI BIOTECH S.R.L.	2,938,859
FEDEX CORPORATE		GARCIA CASTRO, IVETTE	2,939,032	GRAHAM, ROBERT	2,938,731
SERVICES, INC.	2,938,870	GARNER, ANDREW	2,939,033	GRANGETTE, CORINNE	2,938,790
FELDMAN, MICHAEL E.	2,939,074	GARNER, WILLIAM J.	2,938,626	GRECI, STEPHEN MICHAEL	2,938,527
FELDMAN, MICHAEL E.	2,939,077	GAUD, EMMANUEL	2,937,467	GREEN, DONNA LOUISE	2,938,766
FELDMAN, MICHAEL, E.	2,939,075	GE AVIATION SYSTEMS		GREEN, RONALD D.	2,935,970
FELDMAN, STEVEN B.	2,939,000	LIMITED	2,938,766	GRILLENZONI, ALESSANDRO	2,937,508
FENDLEY, PAUL	2,939,000	GE AVIATION SYSTEMS LLC	2,938,853	GROOMBRIDGE, MICHAEL	
FENG, MARTIN W.	2,938,518	GEA FOOD SOLUTIONS		LESLIE	2,937,371
FENSTER, AARON	2,938,897	GERMANY GMBH	2,938,760	GROSSO, DAVID	2,938,505
FERNANDES, PRABHAVATHI	2,939,076	GELION TECHNOLOGIES PTY		GROSSO, JOSEPH	2,937,503
FERNANDEZ, JOSE		LTD	2,938,623	GROUNDMETRICS, INC.	2,938,607
BENJAMIN S.	2,938,399	GEMALTO SA	2,939,016	GUEHRING, HANS	2,938,793
FIELDHOUSE, CHARLOTTE	2,938,855	GENENTECH, INC.	2,937,556	GUEHRING, HANS	2,938,795
FIGG, WILLIAM D.	2,938,971	GENENTECH, INC.	2,938,466	GUEHRING, HANS	2,938,796
FILTRAR TECH INC.	2,939,038	GENENTECH, INC.	2,938,731	GUERBET	2,938,861
FINCANTIERI S.P.A.	2,939,067	GENERAL ELECTRIC		GULFSTREAM SERVICES,	
FINDLEY, MOLLY CHRISTINE	2,937,761	COMPANY	2,938,876	INC.	2,938,825
FINE, ALAN MARC	2,938,896	GENZYME CORPORATION	2,939,080	GUNTER, SHAWN N.	2,938,934
FISCHER, WOLF-NICOLAS	2,938,571	GEORGETOWN UNIVERSITY	2,938,970	GUTIERREZ, ANDRES A.	2,937,503
FISHER & PAYKEL		GERDES, RUDIGER	2,935,731	GUY, LAURENT	2,938,606
HEALTHCARE LIMITED	2,938,398	GERHART, WILLIAM	2,938,994	GUY, LAURENT	2,938,696
FIVES INTRALOGISTICS		GERHART, WILLIAM	2,938,996	GUY, LAURENT	2,938,785
S.P.A.	2,938,708	GERTEIS, PAUL	2,938,916	GUY, LAURENT	2,938,865
FIVES SOLIOS S.A.	2,937,667	GIBIS, KARL-LUDWIG	2,938,548	GWEE, LIANG	2,938,668
FLACH, CHRISTIAN	2,938,798	GIFFORD, AARON	2,936,061	HA, TAE YOUNG	2,938,762
FLEMING, GRAHAM	2,938,447	GIGOUT, ANNE	2,938,795	HABERMAN, SETH	2,938,737
FLEMING, GRAHAM C.	2,938,444	GILADI, NIR	2,938,629	HAFELE, HORST	2,939,028
FLEMING, GRAHAM C.	2,938,694	GILDERSLEEVE, RICHARD	2,938,568	HAFELE, HORST	2,939,030
FLICK, CHRISTINE	2,938,882	GILEAD SCIENCES, INC.	2,937,320	HALDOR TOPSOE A/S	2,938,779
FMC CORPORATION	2,937,809	GILL, DAVID ANTHONY	2,938,499	HALEEM, SHAHNAWAZ	2,937,708

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HALL, CHRISTOPHER		HENRY, KEVIN	2,938,870	IBASCO, ALEX D.	2,938,824
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HALLIBURTON ENERGY		HERAKLES	2,939,060	GENOMICS	
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HALLIBURTON ENERGY		HERMANN, MARK	2,938,569	IGLESIAS, RAMON JOSE	2,936,061
SERVICES, INC.	2,938,526	HERRERA, GERARDO	2,938,638	IHI CORPORATION	2,938,395
HALLIBURTON ENERGY		HERTLEIN, HARALD	2,938,453	IKENAGA, YOSHIHIKO	2,938,653
SERVICES, INC.	2,938,527	HEUKEN, MARIA	2,939,032	ILLINOIS TOOL WORKS INC.	2,936,964
HALLIBURTON ENERGY		HIGAKI, TATSUYA	2,938,953	ILLINOIS TOOL WORKS INC.	2,938,658
SERVICES, INC.	2,938,625	HIGHTOWER, JAMES		ILLNOIS TOOL WORKS INC.	2,938,652
HALLIBURTON ENERGY		MICHAEL	2,939,095	ILLNOIS TOOL WORKS INC.	2,938,655
SERVICES, INC.	2,938,628	HILL, CHRISTOPHER MARK	2,937,503	ILLNOIS TOOL WORKS INC.	2,938,656
HALLIBURTON ENERGY		HILL, LAURA A.	2,938,807	IMAM, NASHIM	2,936,964
SERVICES, INC.	2,938,632	HINES, LINDA A.	2,938,867	IMASCAP SAS	2,938,709
HALLIBURTON ENERGY		HIRAYASU, HIROFUMI	2,937,666	IMI HYDRONIC	
SERVICES, INC.	2,938,633	HIROSUE, KIYOSHI	2,938,820	ENGINEERING AB	2,937,664
HALLIBURTON ENERGY		HOANG, MINH QUANG	2,938,602	INCYTE CORPORATION	2,938,566
SERVICES, INC.	2,938,636	HOARE, SAMUEL ROGER		INCYTE CORPORATION	2,939,081
HALLIBURTON ENERGY		JESSE	2,938,581	INCYTE CORPORATION	2,939,082
SERVICES, INC.	2,939,085	HODI, F. STEPHEN	2,939,006	INDIZEN OPTICAL	
HAMAGUCHI, MAKI	2,938,960	HOELDER, SWEN	2,939,058	TECHNOLOGIES, S.L.	2,937,728
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HAN, SEUNGHEE	2,938,769	HOLLAND, JANUSZ LUCIEN	2,938,585	DE C.V.	2,939,072
HANGZHOU DAC BIOTECH		HOLLANDER, OREN	2,938,812	INGRAM, DARREN E.	2,923,792
CO., LTD	2,938,919	HOLLANDER, OREN	2,938,813	INNOCENTI, PAOLO	2,939,058
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HARKIN, DENIS PAUL	2,938,807	HOLLISTER INCORPORATED	2,938,569	INOUE, TOMOAKI	2,938,511
HARLAN, C. JEFF	2,938,740	HOLMES, BRIAN WILLIAM	2,936,824	INOUE, TOMOAKI	2,938,513
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HARRIS, MARTIN MALCOLM	2,938,585	HORBER, WINFRIED	2,938,760	INSTITUTE OF	
HARRIS, PATRICK JOHN	2,938,880	HORIUCHI, YASUhide	2,938,394	MULTIPURPOSE	
HARRIS, PATRICK JOHN	2,938,885	HORUS PHARMA	2,938,801	UTILIZATION OF	
HART, JOHN S.	2,938,862	HOSOI, JUN	2,938,395	MINERAL RESOURCES	2,938,702
HARUTA, MASAYUKI	2,938,651	HOUSIERE, CHARLES	2,937,839	INSTITUTE OF PROCESS	
HARVEY, CHRISTOPHER	2,939,006	HOWELL, MATTHEW TODD	2,939,085	ENGINEERING, CHINESE	
HASELMEIER AG	2,938,713	HU, ERIC Y.	2,938,858	ACADEMY OF SCIENCES	2,938,641
HASSANI, FARID	2,938,851	HU, LIHONG	2,939,012	INSTITUTE OF PROCESS	
HASZ, WAYNE CHARLES	2,938,876	HUANG, LEI	2,939,008	ENGINEERING, CHINESE	
HAUGHT, JOHN CHRISTIAN	2,937,766	HUANG, XIAOYAN	2,938,833	ACADEMY OF SCIENCES	2,938,642
HAUSDORFF, JEFFREY M.	2,938,629	HUANG, YUANGYUANG	2,938,919	INSTITUTE OF PROCESS	
HAVERMANS, CORNELIS		HUAWEI TECHNOLOGIES		ENGINEERING, CHINESE	
CHRISTIANUS		CO., LTD.	2,939,008	ACADEMY OF SCIENCES	2,938,643
FRANCISCUS	2,938,961	HUBBELL INCORPORATED	2,938,963	INTEL CORPORATION	2,938,618
HAVRYLIV, MARK	2,938,773	HUBBELL INCORPORATED	2,938,965	INTEL CORPORATION	2,938,697
HAYES, PAUL	2,938,532	HUEROS SOTO, GREGORIO	2,938,620	INTEL IP CORPORATION	2,938,744
HAYES, PAUL	2,938,563	HUGHES, CHRISTOPHER	2,938,907	INTEL IP CORPORATION	2,938,769
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HD3 LIMITED	2,938,585	CHRISTOPHER	2,938,585	AND BRANDS	
HE, CHUNHONG	2,939,081	HUMAN EXTENSIONS LTD.	2,938,788	CORPORATION	2,936,325
HE, CHUNHONG	2,939,082	HUNKELE, PETER GERARD	2,907,285	IOB, GIULIANA	2,938,922
HE, HONG	2,938,618	HUNT, GARETH	2,936,964	IPCO AS	2,938,780
HEDIN, JUSTIN THOMAS		HUNTSMAN ADVANCED		ISHIDA, TAKASHI	2,938,645
LYDON	2,937,687	MATERIALS AMERICAS		ISHIZAKI, KEIKO	2,938,820
HEDMAN, PETER	2,938,914	LLC	2,939,031	ISO, KAZUHIRO	2,938,393
HEE, VAN PIM	2,939,053	HUSSMANN CORPORATION	2,939,105	ISYS MEDIZINTECHNIK	
HEIDEBRECHT, PETER	2,938,903	HUYBREGTS, CHRIS	2,939,001	GMBH	2,935,854
HEIDENREICH, KIM A.	2,938,879	HYATT, ANTHONY	2,938,870	ITO, YASUHIRO	2,939,017
HEINRICH, EUGENE CAREY	2,938,524	HYDARI, SHAHBAZ H.	2,938,412	ITOH, KATSUTOSHI	2,938,653
HELION ENERGY, INC.	2,938,830	HYUGAJI, SATOSHI	2,938,393	IWAMI, HIDEKI	2,938,653
HENDRICKSON USA, L.L.C.	2,938,609	HYUNDAI PHARM CO., LTD.	2,938,762	IWASE, KOJI	2,938,511
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JAASKELAINEN, MIKKO	2,938,633	KATDARE, ASHOK	2,938,671	KOMATSU LTD.	2,938,667
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JACOBY, YUVAL	2,939,062	KAUFMAN, DAVID	2,938,566	KONKOL, LEAH C.	2,939,081
JAFERIAN, JANICE M. K.	2,938,898	KAULFUSS, STEFAN	2,939,021	KOO, GI BANG	2,938,821
JAFFREY, ANDREW	2,938,998	KAULFUSS, STEFAN	2,939,026	KORNGOLD, ANA BEATRIZ	2,938,887
JANDELEIT, BERND	2,938,571	KAUVAR, LAWRENCE M.	2,938,726	KORT, MICHAEL E.	2,938,719
JANSE, GERARDUS	2,938,810	KAWABATA, JUN	2,938,516	KOSTA, ALBANA	2,938,957
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JEDWAB, MICHAEL	2,938,789	KEATING, KATHERINE E.	2,938,807	KOYAMA, TAKAYUKI	2,938,645
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JELIAZKOV	2,938,768	KUMAR	2,939,085	KREPLAK, LAURENT	2,938,896
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JENSEN, DANIEL MAX	2,938,725	KELLER, MANFRED	2,938,994	KRIJGSVELD, JEROEN	2,938,907
JENSEN, PETER	2,939,086	KELLER, MANFRED	2,938,996	KUGINO, KENJI	2,938,507
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JIAO, XINGANG	2,938,641	KEMIRA OYJ	2,939,055	KUHN, KAI	2,938,900
JIAO, XINGANG	2,938,642	KEMPER, HEINZ-JURGEN	2,938,900	KUHN, VERONIQUE	2,938,483
JIAO, XINGANG	2,938,643	KENNEDY, RICHARD	2,938,807	KUHNS, MARCO	2,939,044
JINKERSON, TAMMIE K.	2,938,719	KENNEDY, TERENCE	2,939,033	KULAK, MICHAEL	2,938,672
JINNO, TOMOKO	2,938,940	KERANEN, OLLI	2,938,710	KUNTZE, CHRISTOPHER J.	2,939,079
JO, YU NA	2,938,821	KESHAVJEE, SHAF	2,938,893	KURARAY CO., LTD.	2,938,654
JOLY, ERIK	2,938,520	KHAN, YASER MASOOD	2,939,001	KURITAKOKI CO., LTD.	2,938,815
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JONES, HELEN ELERI	2,938,761	KANHAIYALAL	2,937,444	KURUNGOT, SREEKUMAR	2,937,444
JOSHI, SHRADDHA SANJEEV	2,939,018	KHOSHMANESH, AAZAM	2,938,772	LABINAL, LLC	2,938,881
JOST, GREGOR	2,939,015	KHOSBE, JOHN E.	2,937,809	LACROIX, DIDIER	2,939,084
JSR CORPORATION	2,938,393	KIDDOD, MICHAEL ROY	2,939,095	LADEL, CHRISTOPH H.	2,938,793
JSR LIFE SCIENCES		KIEN, KATHRYN CHRISTIAN	2,938,698	LADEL, CHRISTOPH H.	2,938,795
CORPORATION	2,938,393	KIKUCHI, NAOKI	2,938,960	LADEL, CHRISTOPH H.	2,938,796
JUAREZ MANCERA, JOSE		KIM, CHUN HWA	2,938,762	LAFFAY, PHILIPPE	2,938,646
LUIS	2,939,072	KIM, DONG MIN	2,938,950	LAGRANGE, TIMOTHY E.	2,938,872
JUN, HYUN	2,938,851	KIM, DONGCHEOL	2,938,753	LAHUEC, CYRIL	2,938,483
JURGENS, RALF	2,938,548	KIM, JAEYOUN	2,939,001	LAM, WENDY NGO	2,938,972
JVS ASSOCIATES, INC.	2,938,665	KIM, JOSEPH H.	2,938,412	LAMBERT, CHRISTOPHER H.	2,938,958
KABUSHIKI KAISHA KOBE		KIM, KYUNG-JOONG	2,938,822	LAMBERT, CYRIL	2,938,745
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LTD.)	2,938,391	KIM, SUNG WOO	2,939,073	LAMIRI, KILANI	2,938,696
KABUSHIKI KAISHA KOBE		KIM, WOO JUNG	2,938,821	LAMIRI, KILANI	2,938,785
SEIKO SHO (KOBE STEEL,		KIM, YOUNG SUN	2,938,821	LAMIRI, KILANI	2,938,865
LTD.)	2,938,392	KIM, YOUNG SEOK	2,938,762	LANDIS+GYR INNOVATIONS,	
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SEIKO SHO (KOBE STEEL,		KING-UNDERWOOD, JOHN	2,938,924	LANDMARK GRAPHICS	
LTD.)	2,938,960	KIRENKO, IHOR OLEHOVYCH	2,938,449	CORPORATION	2,938,444
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KAMATANI, YUTAKA	2,938,667	KLENNER, PETER	2,938,509	CORPORATION	2,938,691
KAMEI, KAZUMASA	2,938,817	KLIMOV, EVGUENI	2,939,044	LANDMARK GRAPHICS	
KAMER, LUKAS	2,936,023	KLIMOV, EVGUENI	2,939,052	CORPORATION	2,938,694
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KAO, SUN-CHUEH	2,938,836	KNIGHT, PETER ROBIN	2,938,766	LANNUTTI, BRIAN J.	2,937,320
KAPLUN, BRIAN W.	2,938,464	KOBAYASHI, AKIHIRO	2,937,173	LAPPIN, JAMES	2,939,100
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LAURIE, BENOIT	2,938,646	LINDSAY, SEAN	2,938,609	MAGANA, RODOLFO	2,938,963
LAVASSERIE, ERIC	2,939,060	LINZMEIER, HORST	2,938,543	MAGICCCPS, LLC	2,938,588
LAVINI, GIANPIERO	2,939,067	LIU, BO	2,938,719	MAGNA CLOSURES INC.	2,938,786
LAWTON, GRAHAM		LIU, HONGBIN	2,939,009	MAGNA INTERNATIONAL	
RICHARD	2,938,986	LIU, HUIBIN	2,938,600	INC.	2,939,079
LAXTON, PETER	2,939,109	LIU, HUIBIN	2,938,602	MAHADEVAN,	
LE NY, ANNE-LAURE	2,939,036	LIU, JINQIAN	2,939,098	SWAMINATHAN	2,938,936
LEACH INTERNATIONAL		LIU, MINGYAO	2,938,893	MAHONY, JENNIFER	2,939,053
EUROPE SA	2,938,695	LIU, PENG	2,939,012	MAILLAND, FEDERICO	2,938,922
LEBLANC, ERIC JOSEPH JEAN	2,939,048	LIU, SHUPING	2,938,702	MAILLET, JEAN-YVES	
LECHUGA, DAVID	2,938,421	LIU, WAI LEUNG	2,938,728	FRANCOIS HENRI	2,939,059
LEDEZMA, FRANK	2,938,662	LIZOTTE, VINCENT	2,938,913	MAINE, STEPHANIE	2,938,855
LEDEZMA, FRANK	2,938,663	LO PRESTI, CATERINA	2,934,638	MAKINO, TAIZO	2,938,938
LEE, BYUNGJOO	2,938,753	LOBETE, ANSORREGUL		MAKKI, KASSEM	2,938,790
LEE, CHRIS	2,938,684	DANIEL	2,938,822	MALARD, THIERRY	2,937,667
LEE, IN HEE	2,938,762	LOCKDOWEL, INC.	2,938,488	MALIK, PUNAM	2,938,419
LEE, PO-HUA	2,938,858	LOCKHEED MARTIN		MALLINCKRODT HOSPITAL	
LEE, STEVEN ROBERT	2,937,660	CORPORATION	2,938,149	PRODUCTS IP LIMITED	2,939,094
LEE, WILSON	2,938,672	LOCKHEED MARTIN		MALONE, JOSHUA	2,938,941
LEGIGAN, THIBAUT	2,938,501	CORPORATION	2,938,464	MANKE, GREGORY H.	2,938,832
LEGRAND, SACHA	2,939,055	LOCKHEED MARTIN		MANNING, MATTHEW	2,937,715
LEHRTER-VALENTI,		CORPORATION	2,938,517	MAO, JIANMIN	2,938,923
VERONIQUE	2,938,790	LOCKHEED MARTIN		MARCUS, CLAUDIO	2,938,737
LEIGH, DARREN	2,938,460	CORPORATION	2,939,101	MARINE BIOTECHNOLOGY	
LELY PATENT N.V.	2,938,961	LOEHR, JOACHIM	2,938,617	INC.	2,938,507
LEONARD, STEPHEN	2,938,672	LOHMER, STEFAN	2,938,703	MARIOTT, WESLEY R.	2,938,843
LEOPOLD, LANCE	2,938,566	LOHR ELECTROMECHANIQUE	2,938,723	MARTIN, FIONNA MITCHELL	2,938,616
LETTMANN, BERNHARD	2,938,900	LOHR ELECTROMECHANIQUE	2,938,746	MARTIN, JOHN PATRICK	2,938,568
LEVIN, OLLE	2,938,809	LOHRKE, JESSICA	2,939,015	MARTINSEN MERELID, CATO	2,937,664
LEWIS, KATHERINE E.	2,937,503	LOKRE, JAHNAVI	2,936,061	MARY'S MEDICINALS LLC	2,938,621
LEXMARK INTERNATIONAL,		LONG, CLINT	2,939,101	MASCHMEYER, THOMAS	2,938,623
INC.	2,938,892	LONGSHAW, ALASTAIR IAN	2,938,924	MASSACHUSETTS INSTITUTE	
LEXMARK INTERNATIONAL,		LOOSVELD, SERGE LOUIS	2,938,961	OF TECHNOLOGY	2,938,495
INC.	2,938,906	LOUGHBOROUGH		MASTELLONE, SILVIA	2,939,014
LEXMARK INTERNATIONAL,		UNIVERSITY	2,938,920	MATLACK, BRADLEY	2,938,832
INC.	2,938,911	LOUIS, BENJAMIN	2,938,505	MATSON, WAYNE R.	2,938,454
LEXOGEN GMBH	2,939,056	LU, ZHENG	2,938,636	MATSUO, TAKU	2,938,667
LG ELECTRONICS INC.	2,938,753	LUBRIZOL ADVANCED		MATTHEWS, KYLE A.	2,939,091
LI, DONGMING	2,938,836	MATERIALS, INC.	2,937,132	MATULENKO, MARK A.	2,938,719
LI, HONGZHONG	2,938,641	LUCAS, GEORGE M.	2,938,948	MAURER, DAVID A.	2,938,954
LI, HONGZHONG	2,938,642	LUCK, JASON F.	2,939,091	MAYER, JEAN-FRANCOIS	2,938,861
LI, HONGZHONG	2,938,643	LUE, CHING-TAI	2,938,740	MCCARTHY, JAMES T.	2,938,992
LI, HUIFANG	2,939,048	LUE, CHING-TAI	2,938,836	MCCAIVIGAN, ANDRENA	2,938,807
LI, JIAN	2,939,008	LUE, CHING-TAI	2,938,843	MCCHESENEY, RYAN WESLEY	2,938,527
LI, XIANGJUN	2,939,012	LUKASZEWSKI, ROMAN		MCCLURE, STUART	2,938,580
LI, XING	2,938,919	ANTONI	2,938,761	MCCORMICK, JAMES	
LI, YU	2,939,109	LULL, MICHAEL A.	2,938,277	MICHAEL	2,938,881
LI, ZHENWU	2,938,971	LUZAICH, GREGORY JOHN	2,938,734	MCCULLOUGH, LAUGHLIN G.	2,938,740
LIANG, FENG	2,938,628	LV, FENGXIANG	2,938,921	MCCULLOUGH, TIMOTHY	2,939,088
LIANG, YONGMING	2,939,008	LYNN, TIMOTHY R.	2,938,843	MCDONNELL, BRIAN	2,939,053
LIAO, XIANGWEN	2,938,702	LYONS, FRANKLIN A.	2,938,895	MCDONNELL, MICHAEL	2,937,371
LIBERATI, CHIARA	2,938,703	MA, YIPING	2,938,600	McFARLAND, RICHARD	
LIENART VAN LIDTH DE		MA, YIPING	2,938,604	DEAN	2,938,978
JEUDE, JEHAN	2,938,790	MACAULAY, HERSHEL	2,938,896	MCGEOCH, ANDREW	2,937,715
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LIN, CHIT KWAN	2,938,697	MACINGA, DAVID R.	2,938,974	MCHUGH, EDMUND	2,938,984
LIN, YAKANG	2,937,761	MACNEIL, LEVI	2,938,534	MCKENZIE, ANDREW J.	2,937,728
LIN, YAKANG	2,937,763	MADDEN, DAVID	2,938,662	MCLEAN, PAUL	2,938,966
LIN, YAKANG	2,937,766	MADDEN, DAVID	2,938,663	MCLEOD, RODERICK G.	2,937,809
LIN, ZHENWU	2,938,664	MADIRAJU, S.R. MURTHY	2,938,520	MCMASTERS, MARIE ANN	2,938,876
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MEADE, NOAH	2,938,569	MITRAL VALVE		NEKTAR THERAPEUTICS	2,937,660
MEADOWS, SARAH	2,937,320	TECHNOLOGIES SARL	2,938,468	NELSON, DEREK W.	2,938,719
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MECHTRONIC LTD	2,939,041	INDUSTRIES, LTD.	2,938,645	NESTEC S.A.	2,938,789
MEDCOM FLOW S.A.	2,938,917	MITSUBISHI MATERIALS		NEUHAUS, ROLAND	2,939,021
MEDEON BIODESIGN, INC.	2,938,858	CORPORATION	2,938,816	NEUHAUS, ROLAND	2,939,026
MEDICAL RESEARCH COUNCIL	2,939,050	MITSUBISHI TANABE		NEUROCRINE BIOSCIENCES, INC.	2,938,581
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MEDINOL LTD.	2,938,741	MIURA, SHINICHI	2,938,392	NEW PHARMA LICENCE HOLDINGS LIMITED	2,939,061
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MERCK PATENT GMBH	2,938,795	MONASH UNIVERSITY	2,938,772	NICOSIA, VINCENT D.	2,938,588
MERCK PATENT GMBH	2,938,796	MONKS, DAVID	2,938,724	NILSSON, JAN	2,937,664
MERCK SHARP & DOHME CORP.	2,938,566	MOON, SOON YOUNG	2,938,762	NIPPON PGM CO., LTD.	2,938,820
MERGE LABS, INC.	2,938,895	MOORHOUSE, ADAM	2,938,565	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,938,938
MERKEL, FELIX	2,939,030	MORAN, ADRIAN	2,938,710	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,939,017
MERKEL, NINA	2,938,802	MORI, MASAMICHI	2,938,818	NISHIMURA, SHINICHIRO	2,938,819
MERTOGLU, MURAT	2,938,771	MORISHITA JINTAN CO., LTD.	2,937,666	NITTA, AKIRA	2,938,816
MERTOGLU, MURAT	2,938,806	MORISHITA, KEISUKE	2,939,068	NOISHIKI, KOJI	2,938,392
MERTOGLU, MURAT	2,939,052	MORIYA, HIROYUKI	2,937,173	NORDIC BRASS GUSUM AB	2,937,664
MESTER, HENDRIK	2,938,798	MORRISON, H. FRANK	2,938,607	NORTHROP, PAUL SCOTT	2,936,554
METSO MINERALS INDUSTRIES, INC.	2,936,392	MORRISON, MICHAEL L.	2,937,800	NOTZLI, CHRISTOPH	2,936,023
METZGER, MARK A.	2,938,832	MORROW, DESMOND IAN JOHN	2,938,499	NOVICKI, CHRISTA MARIE	2,937,687
MEUER, STEFAN	2,938,903	MOUHOUCHE, BELKACEM	2,938,822	NOVOMATIC AG	2,938,457
MEYER, THOMAS J.	2,938,517	MOUSSA, YOUSSEF	2,938,578	NYKIFORUK, CORY	2,939,034
MICROGEN SYSTEMS, INC.	2,939,084	MU, WENHENG	2,938,641	O'CARROLL, GER	2,938,710
MICROSOFT TECHNOLOGY LICENSING, LLC	2,939,001	MU, WENHENG	2,938,642	O'HARA, ROBERT P.	2,938,412
MICROSOFT TEHCNOLOGY LICENSING, LLC	2,938,891	MU, WENHENG	2,938,643	O'LEARY, ROBERT J.	2,938,668
MICURX PHARMACEUTICALS, INC.	2,939,098	MUCKEFUSE, JEFFREY ALAN	2,938,881	OCV INTELLECTUAL CAPITAL, LLC	2,938,874
MIKLOS, ERNST	2,938,886	MUENCH, PETER	2,938,712	OGURI, HIDEKI	2,938,815
MILLER, CHARLES PHILLIP	2,937,687	MULLEN, ROBERT	2,939,105	OHRVIK, ANDERS	2,938,809
MILLER, MATTHEW LYNN	2,938,625	MULLIGAN, TIMOTHY D.	2,935,970	OHTA, KOTOE	2,938,394
MILLS, PATRICK WELLINGTON	2,938,881	MURPHY, ROBERT C.	2,938,879	OKA, KOZO	2,938,718
MILSAP, JEFF	2,939,094	MUSTANG SAMPLING, LLC	2,939,078	OKADA, TOHRU	2,939,017
MIRE, MICHAEL	2,938,825	MYETTE, JAMES	2,938,590	OKAMOTO, KATSUTOSHI	2,938,511
MIRELMAN, ANAT	2,938,629	MYUNG, SE-HO	2,938,822	OKAMOTO, KATSUTOSHI	2,938,513
MIS IMPLANTS TECHNOLOGIES LTD.	2,939,062	NABERNIK, STANE	2,939,097	OKAMOTO, KATSUTOSHI	2,938,516
MISHELEVICH, DAVID J.	2,936,061	NAGAI, HIDEMASA	2,938,953	OKESON, BRADLEY DWIGHT	2,939,095
MISSAGLIA, ADELIO	2,938,859	NAGAKURA, TOSHIHIKO	2,938,953	OKU, YUICHI	2,938,817
MITCHELL, J.R. SCOTT	2,938,786	NAGARAJAN, KUPPUSWAMY	2,938,970	OKUNO, TAKASHI	2,938,392
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		NAGURA, KENJI	2,938,392	OLIVARES, SIMON	2,938,887
		NAHIDINO, MASSOUD	2,938,929	OLNEY, SONYA DIANNE	2,938,823
		NAKAZAWA, YOSHIKI	2,939,017	OLSSON, MAGNUS	2,938,914
		NANOBIOSYS INC.	2,939,073	OLUND, DAVID	2,938,736
		NANT HOLDINGS IP, LLC	2,939,036	ONDULINE	2,937,307
		NARUCHI, KENTARO	2,938,819	ONIONS, STUART THOMAS	2,938,924
		NASH, SEAN C.	2,936,061	ONISHI, MICHIAKI	2,938,816
		NAUD, SEBASTIEN	2,939,058		
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ORR, DAVID	2,938,568	PERSSON, CLAES	2,938,254	RABALAIS, CHRISTOPHER PAUL	2,938,634
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OWENS CORINING INTELLECTUAL CAPITAL, LLC	2,938,668	PEVARELLO, PAOLO	2,938,703	RADAY, LIOR	2,938,787
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OZGIT, EMIN ALPER	2,938,634	PHARMASCIENCE INC.	2,938,909	RADHAKRISHNAN POTTY, AJISH SREENI	2,938,636
PADMANABHAN, RADHAKRISHNAN	2,938,970	PHILIP, MATHEW	2,939,077	RAJADAS, JAYAKUMAR	2,938,421
PADOVANI, NICCOLO	2,937,956	PHILLIPS, BRIAN SCOT	2,938,699	RAJAN, RAMYA	2,938,799
PALEY, DROR	2,938,635	PHUAPRADIT, WANTANEE	2,937,786	RAMBLER'S WAY FARM, INC.	2,938,724
PALMER, CHARLES FRANCIS, JR.	2,938,598	PIANFETTI, STEPHANIE MOY	2,937,787	RAMIREZ, ANTONIO U.	2,938,905
PALMER, NOEL ERWIN	2,938,621	PIANFETTI, STEPHANIE MOY PICTOMETRY INTERNATIONAL CORP.	2,938,973	RAMOS, JOE WILLIAM	2,938,971
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PANKNIN, OLAF	2,939,026	PLASTIPAK BAWT S.A R.L.	2,938,630	RAYES, FADY	2,938,635
PAPOT, SEBASTIEN	2,938,501	POEL, TONI J.	2,938,884	RAYMOND, DOUGLAS M.	2,939,004
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PARK, BRIAN VANDELLEYN	2,938,632	POLINSKI, DONALD J	2,936,392	REARDAN, DAYTON T.	2,938,733
PARK, BRIAN VANDELLEYN	2,938,633	POLLARD, MICHAEL EDWIN	2,938,632	RECHICHAR, BRADLEY	2,939,031
PARK, GIWON	2,938,753	POLLARD, MICHAEL EDWIN	2,938,633	REED, DAVID P.	2,938,923
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PATARA PHARMA, LLC	2,938,994	POPP, FRIEDRICH	2,938,453	REHWINKEL, HARTMUT	2,939,021
PATARA PHARMA, LLC	2,938,996	PORTER, ROBERT	2,938,494	REHWINKEL, HARTMUT	2,939,026
PATEL, HIMANSHU	2,936,061	POT, BRUNO	2,938,790	REID, STEPHEN	2,937,715
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PATEL, MEENA V.	2,938,719	POWELL, JONATHAN JOSEPH	2,939,050	REKDAL, OYSTEIN	2,938,705
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PATTANAYAK, SANKHA	2,938,875	PRAJAPATI, VIJAY	2,937,656	RENNIE, PAUL S.	2,939,048
PATTERSON, FIONNUALA	2,938,807	PRANDI, ADOLFO	2,938,703	RENOUX, BRIGITTE	2,938,501
PATWARDHAN, RAVISH	2,937,839	PRENTKI, MARC	2,938,520	RESEARCH INSTITUTE OF ENVIRONMENT, AGRICULTURE AND FISHERIES, OSAKA PREFECTURE	2,937,666
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PAYNE, MELISSA CHERIE	2,937,687	PRIME DATUM DEVELOPMENT COMPANY, LLC	2,938,948	REWAR, ANITA SANWARMAL	2,937,444
PDX TECHNOLOGIES LLC	2,938,729	PRINTER TAILORED, LLC	2,938,980	RHEE, JAE KEOL	2,938,762
PEDDLE, ROBERT	2,938,462	PUGH, MARK	2,938,710	RHODIA OPERATIONS	2,938,606
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PEGA MEDICAL, INC.	2,938,635	PURKIS, DANIEL GEORGE	2,937,715	RHODIA OPERATIONS	2,938,865
PEKINA, ANASTASIA	2,938,457	Q.E.D. ENVIRONMENTAL SYSTEMS, INC.	2,938,905	RIABY, JAFARY H.	2,939,105
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ROSENSCHEIN	2,938,950	WIGDOR, DANIEL	2,938,442	YEADON, MICHAEL	2,938,728
VONTORCIK, JOSEPH J., JR.	2,937,132	WIGDOR, DANIEL	2,938,460	YOSHINO, KATSUYA	2,938,645
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		WILHELM, JUSTIN E.	2,938,782	YUAN, ZHENGYU	2,939,098
		WILKENING, ERNST-DIETER	2,938,707	YULO, JOSE ANTONIO C.	2,938,399
		WILKINSON, KEVIN	2,938,993	YUN, JUNG HO	2,938,821
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		WIX.COM LTD.	2,938,812	ZEEVAART, JAN RIJN	2,938,930
		WIX.COM LTD.	2,938,813	ZEHNDER, CRAIG M.	2,938,672
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ABBVIE BAHAMAS LTD.	2,938,547	DANNECKER, BRUCE	2,934,168	HEINRICH, RUSSELL	2,937,565
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BAXTER INTERNATIONAL INC.	2,937,671	DINKELMANN, RAINER RUDOLF	2,937,673	ICM AIRPORT TECHNICS AUSTRALIA PTY LTD	2,937,636
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BELLANY, PAUL CRAIG	2,937,633	EDWARDS LIFESCIENCES CORPORATION	2,936,803	IFIELD, KENNETH SCOTT	2,937,637
BELLOTTI, CURT	2,938,381	ELBETANONY, AHMED	2,937,022	IFIELD, KENNETH SCOTT	2,937,674
BERRILL, JAMES FREI	2,937,671	EMMONS, CLIFFORD L.	2,937,565	INSTITUTO MEXICANO DEL PETROLEO	2,937,242
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BOSECK, GARY	2,934,168	FLENTGE, CHARLES A.	2,938,547	JINKERSON, TAMMIE K.	2,938,547
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BOYER, JOHN D.	2,938,303	FOLCKEMER, CLEMENT	2,937,437	KAESELER, WERNER	2,937,276
BRUCIA, LAWRENCE	2,937,465	FOLCKEMER, CLEMENT	2,937,563	KASIBHATLA, SHAILAJA	2,938,241
BUECHE, KEN	2,934,168	GAO, YI	2,938,547	KATI, WARREN M.	2,938,547
C&D ZODIAC, INC.	2,938,085	GHABCHI, ARASH	2,933,327	KCI LICENSING, INC.	2,937,100
CAI, SUI XIONG	2,938,241	GHANI, RAYID	2,938,562	KEARSEY, STEPHEN	2,938,085
CALIFANO, JEAN C.	2,938,547	GILLESPIE, JOHN, JR.	2,937,671	KEDDY, RYAN G.	2,938,547
CAMPBELL, JAMES	2,937,879	GORDON HOLDINGS, INC.	2,938,479	KELLEHER, BRIAN S.	2,938,411
CAPPELLE, MARK	2,937,817	GORDON, MIKE	2,938,479	KEMNITZER, WILLIAM E.	2,938,241
CARROLL, WILLIAM A.	2,938,547	GOURDEAU, HENRIETTE	2,938,241	KHAYAL, TAMER	2,937,022
CARSON, BRADLEY	2,937,902	GRAHAM, THOMAS D.	2,938,554	KIPPPIE, DAVID PETER	2,938,243
CASPI, DANIEL D.	2,938,547	GREANEY, MICHELLE KOWALSKI	2,937,671	KORNER, STEVEN CHARLES	2,938,743
CATTRON-THEIMEG, INC.	2,938,381	GREEN, ANDY E.	2,937,323	KREMA, MARKO	2,938,562
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CHAN, JASON S.	2,937,072	HANSEN, ELIZABETH	2,937,022	LABRECQUE, DENIS	2,938,241
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LITTLE, RICHARD	2,937,610	SERVICES, LLC	2,938,554	VIOLA, FRANK J.	2,937,565
LIU, DACHUN	2,938,547	ROCKWAY, TODD W.	2,938,547	VISUAL PHYSICS, LLC	2,938,784
LOCKE, CHRISTOPHER BRIAN	2,937,100	RODRIGUEZ HERNANDEZ, ANDREA	2,937,242	VOGEL, MATTHEW STEPHEN	2,937,671
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LORDO, SCOTT	2,938,381	ROLL, JESSICA L.	2,936,752	WAGNER, ROLF	2,938,547
LSI INDUSTRIES, INC.	2,938,303	ROSS, STEPHEN O.	2,938,411	WEATHERFORD TECHNOLOGY	
LUND, ROBERT E.	2,936,752	RYMER, TIMOTHY	2,937,879	HOLDINGS, LLC	2,938,243
LUNDE, MONTGOMERY C.	2,937,437	SANCHEZ VALENTE, JAIME	2,937,242	WHITE, CHRISTOPHER	2,937,879
LUNDE, MONTGOMERY C.	2,937,563	SANDERSON, MICHAEL DUPRE	2,937,633	WHITE, CRAIG KARL	2,938,743
MARING, CLARENCE J.	2,938,547	SANDERSON, MICHAEL DUPRE	2,937,636	WILLIAMS, COREY	2,938,085
MARTENS, FRANCISCUS JOHANNA ARNOLDUS	2,938,299	SANDERSON, MICHAEL DUPRE	2,937,637	WISDOM, RICHARD	2,934,168
MASSO RAMIREZ, AMADA	2,937,242	SANDERSON, MICHAEL DUPRE	2,937,637	WOLLER, KEVIN R.	2,938,547
MATOS, MARVI A.	2,933,327	SANDERSON, MICHAEL DUPRE	2,937,673	XIAO, BIN	2,938,243
MATULENKO, MARK A.	2,938,547	SANDERSON, MICHAEL DUPRE			
MAX CO., LTD.	2,937,347	SANDERSON, MICHAEL DUPRE	2,937,674		
MAYA FLORES, ETEL	2,937,242	SARRIS, KATHY	2,938,547		
MCCABE, PAUL P.	2,937,962	SAVIAN, SCOTT	2,938,085		
MCCABE, PAUL P.	2,937,963	SCHNEIDER, UWE	2,935,208		
MCDONALD, STEVE	2,938,381	SELLE, PAUL	2,937,879		
MEDWIN, STEVE	2,937,962	SHELDON, JEFFERY	2,934,168		
MEDWIN, STEVE	2,937,963	SMITH, KENNETH C.	2,938,554		
MEEKS, ARTHUR WARREN	2,938,243	SNOWDEN, TIMOTHY	2,937,279		
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MIHALJ, MIROSLAV	2,938,243	SPANG, RONALD H., JR.	2,937,671		
MINNOW MEDICAL, LLC	2,938,411	STEENBLIK, RICHARD	2,938,784		
MIRSKY, JONATHAN	2,938,276	STEINKE, TOM A.	2,938,411		
MOOAR, ERIC JON	2,938,303	STONE, CORBETT W.	2,938,411		
MOTTER, CHRISTOPHER E.	2,938,547	STOREPERTS, INC.	2,937,465		
MOWRER, NORMAN R.	2,937,470	STRECK, INC.	2,938,275		
MUTTAVARAPU, RAMESH	2,938,644	SULLIVAN, BENJAMIN	2,938,404		
NAZARETH, ALBERT	2,937,279	SULLIVAN, BENJAMIN	2,938,480		
NELSON, LISSA T.	2,938,547	SYNTHES USA, LLC	2,937,072		
NEXEN ENERGY ULC	2,938,299	SZESKO, MICHAEL J.	2,937,902		
OGDAHL, JASON W.	2,936,752	TAYLOR, DAVID	2,936,803		
OMNICARE INC.	2,937,902	TECHNIFEX PRODUCTS, LLC	2,937,437		
PAPSDORF, CLIFFORD THEODORE	2,935,208	TECHNIFEX PRODUCTS, LLC	2,937,563		
PATEL, SACHEL V.	2,938,547	THE BOEING COMPANY	2,933,327		
PEMEX PETROQUIMICA	2,937,242	THE PROCTOR & GAMBLE COMPANY	2,935,208		
PEPSICO, INC.	2,936,866	THE RAYMOND CORPORATION	2,937,962		
PILPEL, EDWARD	2,938,479	THE RAYMOND CORPORATION	2,937,963		
PLATT, MICHAEL KENNETH	2,937,671	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,938,404		
POWELL, KATHLENE	2,938,644	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,938,480		
PPG INDUSTRIES OHIO, INC.	2,937,470	TOUT, AIDAN MARCUS	2,937,100		
PRATT, BENJAMIN ANDREW	2,937,100	TRAN, TRI	2,936,803		
PRATT, JOHN K.	2,938,547	TRANSMEDICS, INC.	2,937,022		
PURDUE PHARMA	2,936,741	TSENG, BEN Y.	2,938,241		
QUINTANA SOLORZANO, ROBERTO	2,937,242	TUFANO, MICHAEL D.	2,938,547		
RADER, ROBERT	2,938,381	UNIVERSIDAD POLITECNICA DE VALENCIA	2,937,242		
RANADE, ALPANA N.	2,933,327	VARGAS RINCON, RICARDO ALBERTO	2,936,741		
RANDOLPH, JOHN T.	2,938,547	VERHOLEK, CARL L.	2,938,381		
RAPTOR PHARMACEUTICALS INC.	2,938,644				
REIZ, JOSEPH	2,936,741				
REX BIONICS LIMITED	2,937,610				
RIEGMAN, CHRISTIAN	2,937,633				
RIEGMAN, CHRISTIAN	2,937,636				
RIEGMAN, CHRISTIAN	2,937,637				
RIEGMAN, CHRISTIAN	2,937,673				
RIEGMAN, CHRISTIAN	2,937,674				