



Canadian  
Intellectual Property  
Office

An Agency of  
Industry Canada

Office de la propriété  
intellectuelle  
du Canada

Un organisme  
d'Industrie Canada

ISSN-1712-4034

# The Patent Office Record

# La Gazette du Bureau des brevets



Vol. 145 No. 8 February 21, 2017

Vol. 145 No. 8 le 21 février 2017

Canada

CIPO OPIC

# 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.

# **Table of Contents**

## **Table des matières**

### Notices

|            |   |
|------------|---|
| Avis ..... | 1 |
|------------|---|

### Canadian Patents Issued

|                                  |    |
|----------------------------------|----|
| Brevets canadiens délivrés ..... | 20 |
|----------------------------------|----|

### Canadian Applications Open to Public Inspection

|  |    |
|--|----|
| Demandes canadiennes mises à la disponibilité du public..... | 74 |
|--|----|

### PCT Applications Entering the National Phase

|   |    |
|---|----|
| Demandes PCT entrant en phase nationale ..... | 92 |
|---|----|

### Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

|   |     |
|---|-----|
| Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant ..... | 161 |
|---|-----|

### Index of Canadian Patents Issued

|  |     |
|--|-----|
| Index des brevets canadiens délivrés ..... | 165 |
|--|-----|

### Index of Canadian Applications Open to Public Inspection

|   |     |
|---|-----|
| Index des demandes canadiennes mises à la disponibilité du public ..... | 175 |
|---|-----|

### Index of PCT Applications Entering the National Phase

|   |     |
|---|-----|
| Index des demandes PCT entrant en phase nationale ..... | 179 |
|---|-----|

### Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

|   |     |
|---|-----|
| Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant ..... | 191 |
|---|-----|

# Notices

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

### Dates

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

### Code Numerals

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

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

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

# Avis

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

### Dates

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

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'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), siège 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

## Avis

### 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:

- |   |      |
|---|------|
| a) for each request   | N/A  |
| 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 mégaoctets qui excède 7 mégaoctets, 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 peut être possible d'obtenir une licence obligatoire.

### Licences obligatoires

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

## 7. 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 January 1, 2017

|                                   |         |
|-----------------------------------|---------|
| 1. Transmittal Fee (Rule 14)      | \$300   |
| 2. International Filing Fee       | \$1792* |
| 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 1 janvier 2017

|                                     |          |
|-------------------------------------|----------|
| 1. Taxe de transmission (Règle 14)  | 300 \$   |
| 2. Taxe de dépôt internationale     | 1792 \$* |
| 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))              | \$269 |
| 6. Preliminary examination fee<br>(Rule 58) | \$800 |

\* International fees will be reduced by:

- \$269 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$404 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

|   |        |
|---|--------|
| 5. Taxe de traitement (Règle 57.2a)         | 269 \$ |
| 6. Taxe d'examen préliminaire<br>(Règle 58) | 800 \$ |

\* Les frais seront réduits de:

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

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

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

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

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

or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

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

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

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

ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).

## 13. Practice Notice

### STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered.

Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

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

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

## 13. Énoncé de pratique

### JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

## 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

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

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

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

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

## 14. Practice Notice

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

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

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

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

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

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

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

## 14. Énoncé de pratique

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

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

## Notices

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

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

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

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

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

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

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

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

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

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

## Avis

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

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

## 15. Correspondence Procedures

May 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](#).

## 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.

Veuillez 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  
Édifice 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  
Édifice 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, 4<sup>e</sup> 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<sup>TM</sup> and Xpresspost<sup>TM</sup> 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*<sup>TM</sup> and *Xpresspost*<sup>TM</sup> 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*<sup>TM</sup> and *Xpresspost*<sup>TM</sup> 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'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré 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](#).

## Avis

### Patents

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

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe 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 89bis, 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 envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

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

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

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

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

### Marques de commerce

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

- [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 discrédition 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'OPIC 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;

## Avis

- 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 ½" 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 ½" by 11";
- Resolution of 300 dpi.

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

## 5. General Information

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

## Dessins industriels

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

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

Format TIFF :

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

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](#).

## Notices

### 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 21, 2017 contains applications open to public inspection from February 5, 2017 to February 11, 2017.

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

La *Gazette du bureau des brevets* du 21 février 2017 contient les demandes disponibles au public pour consultation pour la période du 5 février 2017 au 11 février 2017.

# Canadian Patents Issued

February 21, 2017

## Brevets canadiens délivrés

21 février 2017

|  |
|--|
| [11] 2,407,622   |
| [13] C   |
| [51] Int.Cl. G06Q 30/06 (2012.01) H04L 12/16 (2006.01)   |
| [25] EN  |
| [54] SYSTEM AND METHOD FOR USING A STORED VALUE INSTRUMENT IN ELECTRONIC TRANSACTIONS AND FOR STORAGE AND RETRIEVAL OF INFORMATION SUBJECT TO AUTHORIZATION BY A DATA CONTROLLER   |
| [54] SYSTEME ET PROCEDE PERMETTANT D'UTILISER UN INSTRUMENT A VALEUR STOCKEE DANS DES TRANSACTIONS ELECTRONIQUES ET DE STOCKER ET RECUPERER DES INFORMATIONS SOUMISES A UNE AUTORISATION ACCORDEE PAR UN CONTROLEUR DE DONNEES |
| [72] LIGHT, ELLIOT D., US  |
| [72] ERSHEID, ALI, US  |
| [73] PAYPAL INTERNATIONAL LIMITED, IE  |
| [73] PAYPAL, INC., US  |
| [85] 2002-10-25  |
| [86] 2001-04-25 (PCT/US2001/013266)  |
| [87] (WO2001/082030)   |
| [30] US (09/559,778) 2000-04-27  |
| [30] US (60/200,623) 2000-04-28  |
| [30] US (09/572,795) 2000-05-17  |

|   |
|---|
| [11] 2,469,230  |
| [13] C  |
| [51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 21/00 (2006.01) C07K 16/22 (2006.01) C12N 5/10 (2006.01) C07K 14/475 (2006.01) |
| [25] EN   |
| [54] ANTIBODY INHIBITORS OF GDF-8 AND USES THEREOF  |
| [54] ANTICORPS INHIBITEURS DE GDF-8 ET UTILISATIONS ASSOCIEES   |
| [72] WOLFMAN, NEIL M., US   |
| [72] VELDMAN, GEERTRUIDA M., US   |
| [72] DAVIES, MONIQUE V., US   |
| [72] WHITTEMORE, LISA-ANNE, US  |
| [72] O'HARA, DENISE, US   |
| [72] BRIDGES, KRISTIE GROVE, US   |
| [72] KHURANA, TEJVIR S., US   |
| [72] BOUXSEIN, MARY, US   |
| [72] AGHAJANIAN, JANE (DECEASED), US  |
| [73] WYETH, US  |
| [85] 2004-03-15   |
| [86] 2002-09-26 (PCT/US2002/030452)   |
| [87] (WO2003/027248)  |
| [30] US (60/324,528) 2001-09-26   |

|   |
|---|
| [11] 2,470,999  |
| [13] C  |
| [51] Int.Cl. A61K 48/00 (2006.01) A61K 9/19 (2006.01) A61K 31/575 (2006.01) A61K 31/70 (2006.01) A61K 31/704 (2006.01) A61K 31/7088 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61P 35/00 (2006.01) C07J 41/00 (2006.01) C12N 15/861 (2006.01) |
| [25] EN   |
| [54] SYN3 COMPOSITIONS AND METHODS  |
| [54] COMPOSITIONS DE SYN3 ET PROCEDES ASSOCIES  |
| [72] IHNAT, PETER M., US  |
| [72] WITCHERY-LAKSHMANAN, LEONORE C., US  |
| [72] SANDWEISS, VARDA, US   |
| [72] UGWU, SYDNEY O., US  |
| [73] MERCK SHARP & DOHME CORP., US  |
| [85] 2004-06-18   |
| [86] 2002-12-20 (PCT/US2002/041198)   |
| [87] (WO2003/053365)  |
| [30] US (60/342,329) 2001-12-20   |

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,522,586**  
[13] C

[51] Int.Cl. A61K 48/00 (2006.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 31/00 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)

[25] EN

[54] PHARMACEUTICAL COMPOSITIONS COMPRISING BISPECIFIC ANTI-CD3, ANTI-CD19 ANTIBODY CONSTRUCTS FOR THE TREATMENT OF B-CELL RELATED DISORDERS

[54] COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES CONSTRUCTIONS D'ANTICORPS ANTI-CD3, ANTI-CD19 BISPECIFIQUES POUR LE TRAITEMENT DE TROUBLES ASSOCIES AUX LYMPHOCYTES B

[72] KUFER, PETER, DE  
[72] LUTTERBUESE, RALF, DE  
[72] KOHLEISEN, BIRGIT, DE  
[72] ZEMAN, STEVEN, DE  
[72] BAEUERLE, PATRICK, DE  
[73] AMGEN RESEARCH (MUNICH) GMBH, DE  
[85] 2005-10-18  
[86] 2004-05-26 (PCT/EP2004/005685)  
[87] (WO2004/106381)  
[30] EP (03012136.2) 2003-05-31

[11] **2,529,651**  
[13] C

[51] Int.Cl. G01N 27/30 (2006.01) C12Q 1/00 (2006.01)

[25] EN

[54] TEST STRIP WITH FLARED SAMPLE RECEIVING CHAMBER

[54] BANDE DE TEST COMPORTANT UNE CHAMBRE DE RECEPTION D'ECHANTILLON EVASEE

[72] BHULLAR, RAGHBIR SINGH, US  
[72] SURRIDGE, NIGEL A., US  
[72] FUNKE, TOM, US  
[72] RIGGLES, RANDALL K., US  
[72] WALLING, PAUL DOUGLAS, US  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2005-12-15  
[86] 2004-06-18 (PCT/US2004/019684)  
[87] (WO2004/113900)  
[30] US (60/480,397) 2003-06-20

[11] **2,566,749**  
[13] C

[51] Int.Cl. G01N 33/00 (2006.01)

[25] EN

[54] EFFICIENT HAPLOID CELL SORTING FOR FLOW CYTOMETER SYSTEMS

[54] TRI EFFICACE DE CELLULES HAPLOIDES POUR SYSTEMES DE CYTOMETRIE EN FLUX

[72] EVANS, KENNETH M., US  
[72] GILLIGAN, THOMAS B., US  
[72] SUH, TAE KWANG, US  
[72] COX, TODD A., US  
[73] XY, LLC, US  
[85] 2006-11-14  
[86] 2004-05-15 (PCT/US2004/015457)  
[87] (WO2004/104178)  
[30] US (60/471,509) 2003-05-15

[11] **2,577,549**  
[13] C

[51] Int.Cl. D21H 21/54 (2006.01)

[25] EN

[54] PAPER MANUFACTURING USING AGGLOMERATED HOLLOW PARTICLE LATEX

[54] PROCEDE POUR FABRIQUER DU PAPIER EN UTILISANT DU LATEX A PARTICULES CREUSES AGGLOMERES

[72] TSAVALAS, JOHN, US  
[72] GAUPP, CARLETON L., US  
[72] ROPER, JOHN A., III, US  
[72] GALLOWAY, JAMES G., US  
[73] OMNOVA SOLUTIONS INC., US  
[85] 2007-02-19  
[86] 2005-08-24 (PCT/US2005/030039)  
[87] (WO2006/026283)  
[30] US (60/604,230) 2004-08-25

[11] **2,592,083**  
[13] C

[51] Int.Cl. C07K 19/00 (2006.01) A21D 8/04 (2006.01) C12N 9/28 (2006.01) C12N 15/56 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01) C12N 5/10 (2006.01)

[25] EN

[54] HYBRID ENZYMES CONSISTING OF AN ENDO-AMYLASE FIRST AMINO ACID SEQUENCE AND A CARBOHYDRATE-BINDING MODULE AS SECOND AMINO ACID SEQUENCE

[54] ENZYMES HYBRIDES FAITS D'UNE PREMIERE SEQUENCE D'ACIDES AMINES CODANT UNE ENDO-AMYLASE ET D'UNE DEUXIEME SEQUENCE D'ACIDES AMINES CONTENANT UN MODULE LIANT DES GLUCIDES

[72] SVENSEN, ALLAN, DK  
[72] ANDERSEN, CARSTEN, DK  
[72] SPENDLER, TINA, DK  
[72] VIKSOE-NIELSEN, ANDERS, DK  
[72] OSTDAL, HENRIK, DK  
[73] NOVOZYMES A/S, DK  
[85] 2007-06-22  
[86] 2005-12-22 (PCT/DK2005/000819)  
[87] (WO2006/066596)  
[30] DK (PA 2004 01976) 2004-12-22  
[30] DK (PA 2005 01261) 2005-09-09

[11] **2,610,991**  
[13] C

[51] Int.Cl. A61N 2/02 (2006.01)

[25] EN

[54] TRANSCRANIAL MAGNETIC STIMULATION SYSTEM AND METHODS

[54] SYSTEME ET PROCEDES DE STIMULATION MAGNETIQUE TRANSCRANIERNE

[72] ZANGEN, ABRAHAM, IL  
[72] ROTH, YIFTACH, IL  
[72] MIRANDA, PEDRO C., PT  
[72] HAZANI, DAVID, IL  
[72] HALLET, MARK, US  
[73] BRAINSWAY, INC., US  
[85] 2007-12-06  
[86] 2006-06-15 (PCT/IL2006/000694)  
[87] (WO2006/134598)  
[30] US (11/153,905) 2005-06-16

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,611,428**

[13] C

- [51] Int.Cl. C07D 498/04 (2006.01) C07D 217/10 (2006.01) C11D 3/34 (2006.01) C11D 7/34 (2006.01)
  - [25] EN
  - [54] **PROCESS OF PRODUCING BLEACH BOOSTERS**
  - [54] **PROCEDE DE PRODUCTION DE RENFORCATEURS DE BLANCHIMENT**
  - [72] VOELKEL, LUDWIG, DE
  - [72] BITTNER, CHRISTIAN, DE
  - [72] MUENSTER, INGO, DE
  - [72] DIETSCHE, FRANK, DE
  - [72] SCHROF, WOLFGANG, DE
  - [73] BASF AKTIENGESELLSCHAFT, DE
  - [85] 2007-12-07
  - [86] 2006-06-14 (PCT/EP2006/063238)
  - [87] (WO2006/134144)
  - [30] EP (05013129.1) 2005-06-17
  - [30] EP (05013134.1) 2005-06-17
- 

**[11] 2,612,394**

[13] C

- [51] Int.Cl. A61K 39/00 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)
- [25] EN
- [54] **HER-2 PEPTIDES**
- [54] **PEPTIDES HER-2**
- [72] KAUMAYA, PRAVIN T. P., US
- [73] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US
- [85] 2007-12-17
- [86] 2006-06-15 (PCT/US2006/023672)
- [87] (WO2006/138675)
- [30] US (60/690,574) 2005-06-15

**[11] 2,612,783**

[13] C

- [51] Int.Cl. A61B 5/044 (2006.01) A61B 5/0408 (2006.01) H01R 27/00 (2006.01)
- [25] EN
- [54] **ECG LEAD SET AND ECG ADAPTER SYSTEM**
- [54] **ENSEMBLE GUIDE D'ELECTROCARDIOGRAMME ET SYSTEME ADAPTATEUR D'ELECTROCARDIOGRAMME**
- [72] BURNES, LEE, US
- [72] COGGINS, SCOTT, US
- [72] MOORE, DAWN, US
- [72] SELVITELLI, DAVE, US
- [72] TAUER, MARK, US
- [72] TREMBLAY, KATHLEEN, US
- [73] TYCO HEALTHCARE GROUP LP, CA
- [86] (2612783)
- [87] (2612783)
- [22] 2007-11-29
- [30] US (11/633,709) 2006-12-05

**[11] 2,615,342**

[13] C

- [51] Int.Cl. C10M 169/04 (2006.01) C10M 109/02 (2006.01) C10M 133/12 (2006.01) C10M 133/44 (2006.01) C10M 137/10 (2006.01) C10M 159/20 (2006.01)
- [25] EN
- [54] **ENGINE LUBRICANT WITH THERMAL STABILITY**
- [54] **LUBRIFIANT A MOTEUR AVEC STABILITE THERMIQUE AMELIOREE**
- [72] VAN LEEUWEN, JEROEN, NL
- [72] KLEIJWEGT, PETER, NL
- [73] CHEVRON ORONITE TECHNOLOGY B.V., NL
- [86] (2615342)
- [87] (2615342)
- [22] 2007-12-18
- [30] US (11/614,584) 2006-12-21

**[11] 2,617,366**

[13] C

- [51] Int.Cl. A01H 5/10 (2006.01)
- [25] EN
- [54] **LOW FIBER YELLOW CANOLA SEEDS COMPRISING HIGH OLEIC, LOW LINOLENIC OIL**
- [54] **CANOLA A GRAINES JAUNES PAUVRE EN FIBRES, CONTENANT DE L'HUILE RICHE EN ACIDE OLEIQUE ET PAUVRE EN ACIDE LINOLENIQUE**
- [72] CHUNGU, CHIBWE, US
- [72] KUBIK, THOMAS J., CA
- [72] RAKOW, GERHARD, CA
- [72] RANEY, JOHN P., CA
- [73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD CANADA, CA
- [85] 2008-01-30
- [86] 2006-08-01 (PCT/US2006/029813)
- [87] (WO2007/016521)
- [30] US (60/704,469) 2005-08-01

**[11] 2,622,315**

[13] C

- [51] Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)
- [25] EN
- [54] **AUTOMATIC WEBSITE GENERATOR**
- [54] **GENERATEUR DE SITE WEB AUTOMATIQUE**
- [72] CURRY, STEPHEN, CA
- [72] TYMOSHENKO, OLES, CA
- [73] SITE TECHNOLOGIES INC., CA
- [85] 2008-03-12
- [86] 2006-08-16 (PCT/CA2006/001339)
- [87] (WO2007/019691)
- [30] US (60/708,759) 2005-08-17

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,622,610**  
[13] C

- [51] Int.Cl. C07K 14/18 (2006.01) A61K 39/12 (2006.01) C12N 5/10 (2006.01) C12N 15/40 (2006.01) C12Q 1/68 (2006.01) G01N 33/569 (2006.01)
- [25] EN
- [54] FISH VACCINE
- [54] VACCIN POUR POISSONS
- [72] BREMONT, MICHEL, FR
- [72] LE BERRE, MONIQUE, FR
- [72] MORIETTE, CORALIE, FR
- [72] VILLOING, STEPHANE, NO
- [73] INTERVET INTERNATIONAL B.V., NL
- [85] 2008-03-14
- [86] 2006-09-15 (PCT/EP2006/066401)
- [87] (WO2007/031572)
- [30] EP (05020223.3) 2005-09-16
- 

[11] **2,623,353**  
[13] C

- [51] Int.Cl. C12N 5/077 (2010.01) C12N 5/071 (2010.01) C12N 5/0783 (2010.01) A61K 35/35 (2015.01) A61P 37/06 (2006.01) C12N 13/00 (2006.01) C12Q 1/04 (2006.01)
- [25] EN
- [54] CELL POPULATIONS HAVING IMMUNOREGULATORY ACTIVITY, METHOD FOR ISOLATION AND USES
- [54] POPULATIONS DE CELLULES PRESENTANT UNE ACTIVITE IMMUNOREGULATRICE, PROCEDE POUR ISOLER CES POPULATIONS DE CELLULES, ET LEURS UTILISATIONS
- [72] BUESCHER, DIRK, ES
- [72] GONZALEZ DE LA PENA, MANUEL ANGEL, ES
- [72] DELGADO MORA, MARIO, ES
- [73] CENTRO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
- [73] CELLERIX, S.A., AF
- [85] 2008-03-20
- [86] 2006-09-22 (PCT/EP2006/009244)
- [87] (WO2007/039150)
- [30] EP (05077186.4) 2005-09-23
- 

[11] **2,627,485**  
[13] C

- [51] Int.Cl. C12N 15/867 (2006.01) A61K 35/76 (2015.01) A61K 48/00 (2006.01) A61P 11/00 (2006.01) C07K 14/115 (2006.01) C07K 14/705 (2006.01) C12N 7/01 (2006.01) C12N 15/12 (2006.01) C12N 15/45 (2006.01)
- [25] EN
- [54] GENE TRANSFER INTO AIRWAY EPITHELIAL STEM CELL BY USING LENTIVIRAL VECTOR PSEUDOTYPED WITH RNA VIRUS OR DNA VIRUS SPIKE PROTEIN
- [54] TRANSFERT D'UN GENE DANS DES CELLULES SOUCHESES EPITHELIALES DES VOIES RESPIRATOIRES VIA UN VECTEUR LENTIVIRAL PSEUDOTYPE AVEC UNE PROTEINE DE SPICULE DE VIRUS ARN OU VIRUS ADN
- [72] MITOMO, KATSUYUKI, JP
- [72] INOUE, MAKOTO, JP
- [72] IWASAKI, HITOSHI, JP
- [72] HASEGAWA, MAMORU, JP
- [72] ALTON, ERIC W., GB
- [72] GRIESENBACH, UTA, GB
- [73] ID PHARMA CO., LTD., JP
- [85] 2008-04-25
- [86] 2006-10-27 (PCT/JP2006/321517)
- [87] (WO2007/049752)
- [30] JP (2005-313971) 2005-10-28
- 

[11] **2,632,972**  
[13] C

- [51] Int.Cl. G01N 33/564 (2006.01)
- [25] EN
- [54] METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE
- [54] PROCEDE DE DIAGNOSTIC DE LA MALADIE INTESTINALE INFLAMMATOIRE
- [72] LOIS, AUGUSTO, US
- [72] NERI, BRUCE, US
- [73] NESTEC S.A., CH
- [85] 2008-06-02
- [86] 2006-11-30 (PCT/US2006/046136)
- [87] (WO2007/064964)
- [30] US (11/293,616) 2005-12-01
- 

[11] **2,634,603**  
[13] C

- [51] Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01)
- [25] EN
- [54] METHOD FOR EXTRACTING RANDOM SIGNATURES FROM A MATERIAL ELEMENT AND METHOD FOR GENERATING A DECOMPOSITION BASE TO IMPLEMENT THE EXTRACTION METHOD
- [54] PROCEDE POUR EXTRAIRE DES SIGNATURES ALEATOIRES D'UN ELEMENT DE MATERIAU ET PROCEDE POUR GENERER UNE BASE DE DECOMPOSITION POUR METTRE EN OEUVRE LE PROCEDE D'EXTRACTION
- [72] BOUTANT, YANN, FR
- [72] FOURNEL, THIERRY, FR
- [72] BECKER, JEAN-MARIE, FR
- [73] SIGNOPTIC TECHNOLOGIES, FR
- [85] 2008-06-20
- [86] 2006-12-22 (PCT/EP2006/070183)
- [87] (WO2007/071788)
- [30] FR (0513231) 2005-12-23
- [30] FR (0601342) 2006-02-15
- [30] US (60/774,618) 2006-02-21
- 

[11] **2,636,088**  
[13] C

- [51] Int.Cl. A61K 31/445 (2006.01) A61K 9/20 (2006.01) A61P 25/04 (2006.01)
- [25] EN
- [54] SMALL-VOLUME ORAL TRANSMUCOSAL DOSAGE FORMS
- [54] FORMES POSOLOGIQUES TRANSMUCOSALES DE PETIT VOLUME
- [72] PALMER, PAMELA, US
- [72] SCHRECK, THOMAS, US
- [72] TZANNIS, STELIOS, US
- [72] HAMEL, LARRY, US
- [72] POUTIATINE, ANDREW I., US
- [73] ACELX PHARMACEUTICALS, INC., US
- [85] 2008-07-03
- [86] 2007-01-08 (PCT/US2007/000529)
- [87] (WO2007/081949)
- [30] US (60/756,937) 2006-01-06
- [30] US (11/650,174) 2007-01-05

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,638,239**  
[13] C

- [51] Int.Cl. G01N 33/66 (2006.01) G01N 33/483 (2006.01) G01N 33/49 (2006.01) G01N 33/53 (2006.01)  
[25] EN  
[54] TEST STRIP AND CONNECTOR  
[54] BANDE D'ESSAI ET CONNECTEUR  
[72] DOCHERTY, EDWARD, GB  
[72] KERMANI, MAHYAR Z., US  
[73] LIFESCAN SCOTLAND, LTD., GB  
[86] (2638239)  
[87] (2638239)  
[22] 2008-07-24  
[30] US (11/782,548) 2007-07-24
- 

**[11] 2,638,785**  
[13] C

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) G01N 33/53 (2006.01) C07K 16/30 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)  
[25] EN  
[54] ANTI-EPHB4 ANTIBODIES AND METHODS USING SAME  
[54] ANTICORPS ANTI-EPHB4 ET PROCEDES QUI LES UTILISENT  
[72] WU, YAN, US  
[72] YAN, MINHONG, US  
[73] GENENTECH, INC., US  
[85] 2008-07-02  
[86] 2007-01-04 (PCT/US2007/060115)  
[87] (WO2007/130697)  
[30] US (60/756,889) 2006-01-05  
[30] US (60/760,892) 2006-01-20
- 

---

**[11] 2,640,007**  
[13] C

- [51] Int.Cl. E04B 1/94 (2006.01)  
[25] EN  
[54] PRE-ASSEMBLED FIRE BARRIER SYSTEMS HAVING MALE AND FEMALE INTERDIGITATING COUPLING ENDS PROVIDING FOR ONE-STEP DROP-IN INSTALLATION OF THE BARRIERS INTO STRAIGHT-LINE AND INTERSECTING EXPANSION JOINTS  
[54] SYSTEMES COUPE-FEU PREASSEMBLES AVEC EXTREMITES DE RACCORDEMENT INTERDIGITE MALE-FEMELLE ASSURANT L'INSTALLATION INSTANTANEE EN UNE ETAPE DES COUPE-FEU DANS DES JOINTS DE DILATATION RECTILIGNES ET ENTRECROISES  
[72] SHAW, ALAN, US  
[73] INPRO CORPORATION, US  
[86] (2640007)  
[87] (2640007)  
[22] 2008-09-29  
[30] US (11/863,932) 2007-09-28
- 

**[11] 2,640,195**  
[13] C

- [51] Int.Cl. G02B 6/38 (2006.01)  
[25] EN  
[54] INSTALLATION TOOL WITH INTEGRATED VISUAL FAULT INDICATOR FOR FIELD-INSTALLABLE MECHANICAL SPLICING CONNECTOR  
[54] OUTIL D'INSTALLATION EQUIPE D'UN INDICATEUR D'ERREUR VISUEL INTEGRÉ POUR RACCORD MÉCANIQUE MONTABLE SUR PLACE  
[72] BILLMAN, BRADLEY SCOTT, US  
[72] MEEK, DAVID WAYNE, US  
[72] SEMMLER, SCOTT ERIC, US  
[73] CORNING OPTICAL COMMUNICATIONS LLC, US  
[85] 2008-07-23  
[86] 2007-01-19 (PCT/US2007/001279)  
[87] (WO2007/089432)  
[30] US (11/340,366) 2006-01-26
- 

---

**[11] 2,641,231**  
[13] C

- [51] Int.Cl. A01K 97/10 (2006.01) A01K 97/01 (2006.01) A01K 97/11 (2006.01)  
[25] EN  
[54] ICE FISHING DEVICE  
[54] DISPOSITIF DE PECHE BLANCHE  
[72] DUNGAN, MATT, US  
[73] DUNGAN, MATT, US  
[86] (2641231)  
[87] (2641231)  
[22] 2008-10-10  
[30] US (11/872,442) 2007-10-15
- 

**[11] 2,658,434**  
[13] E

- [51] Int.Cl. A61K 47/54 (2017.01)  
[25] EN  
[54] IMPROVEMENT OF THE BIOAVAILABILITY OF ACTIVE SUBSTANCES HAVING AN AMIDINE FUNCTION IN MEDICAMENTS  
[54] AMELIORATION DE LA BIODISPONIBILITÉ DE PRINCIPES ACTIFS A FONCTION AMIDINE DANS DES MEDICAMENTS  
[72] CLEMENT, BERND, DE  
[72] REEH, CHRISTIANE, DE  
[73] DRITTE PATENTPORTFOLIO BETEILIGUNGSGESELLSCHAFT MBH & CO. KG, DE  
[85] 2009-01-16  
[86] 2007-07-10 (PCT/DE2007/001216)  
[87] (WO2008/009264)  
[48] 2017-02-21  
[30] DE (10 2006 034 256.9) 2006-07-21
- 

**[11] 2,660,102**  
[13] C

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)  
[25] EN  
[54] COMPOSITIONS AND METHODS USING ANTI-CS1 ANTIBODIES TO TREAT MULTIPLE MYELOMA  
[54] COMPOSITIONS ET METHODES UTILISANT DES ANTICORPS ANTI-CS1 POUR TRAITER UN MYELOME MULTIPLE  
[72] AFAR, DANIEL, US  
[73] ABBVIE BIOTHERAPEUTICS INC., US  
[85] 2009-02-05  
[86] 2007-08-07 (PCT/US2007/075401)  
[87] (WO2008/019376)  
[30] US (60/836,250) 2006-08-07  
[30] US (60/856,144) 2006-11-01

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,661,506**  
[13] C

- [51] Int.Cl. A61K 36/24 (2006.01) A61K 9/127 (2006.01) A61K 31/025 (2006.01) A61K 36/53 (2006.01) A61P 17/16 (2006.01) A61P 17/18 (2006.01)  
[25] EN  
[54] USE OF A COMPOSITION FOR SKIN TREATMENT UNDER X-IRRADIATION  
[54] UTILISATION D'UNE COMPOSITION DE TRAITEMENT DE LA PEAU SOUS RAYONS X  
[72] GOLZ-BERNER, KARIN, MC  
[72] ZASTROW, LEONHARD, MC  
[73] COTY PRESTIGE LANCASTER GROUP GMBH, DE  
[85] 2009-02-23  
[86] 2007-08-24 (PCT/EP2007/058832)  
[87] (WO2008/023064)  
[30] DE (10 2006 040 450.5) 2006-08-24
- 

[11] **2,662,383**  
[13] C

- [51] Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/32 (2006.01) A61K 9/36 (2006.01) A61K 9/48 (2006.01) A61K 31/135 (2006.01) A61P 37/06 (2006.01)  
[25] EN  
[54] COATED PHARMACEUTICAL COMPOSITIONS COMPRISING AN S1P MODULATOR  
[54] COMPOSITIONS PHARMACEUTIQUES ENROBÉES COMPORANT UN MODULATEUR DE S1P  
[72] AMBUEHL, MICHAEL, CH  
[72] BEYER, JUTTA, CH  
[72] CARRENO-GOMEZ, BEGONA, CH  
[72] RUEGGER, COLLEEN, US  
[72] VALAZZA, STEPHEN, US  
[73] NOVARTIS AG, CH  
[85] 2009-03-03  
[86] 2007-09-25 (PCT/EP2007/008314)  
[87] (WO2008/037421)  
[30] EP (06121299.9) 2006-09-26  
[30] EP (06121301.3) 2006-09-26  
[30] EP (06121302.1) 2006-09-26  
[30] EP (06121276.7) 2006-09-26

---

[11] **2,665,169**  
[13] C

- [51] Int.Cl. C12P 19/04 (2006.01) A61K 31/715 (2006.01) A61P 31/04 (2006.01)  
[25] EN  
[54] PURIFICATION OF STREPTOCOCCUS PNEUMONIAE TYPE 3 POLYSACCHARIDES  
[54] PURIFICATION DE POLYSACCHARIDES DE STREPTOCOCCUS PNEUMONIAE DE TYPE 3  
[72] BAHLER, BRIAN DOUGLAS, US  
[72] HUGHES, ERIK HELLER, US  
[72] LEE, TSU-SHUN, US  
[73] WYETH, US  
[85] 2009-04-02  
[86] 2007-10-09 (PCT/US2007/080768)  
[87] (WO2008/045852)  
[30] US (60/850,665) 2006-10-10
- 

[11] **2,665,937**  
[13] C

- [51] Int.Cl. G08B 25/00 (2006.01) H04L 12/26 (2006.01) G08B 17/00 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD OF DOUBLE ADDRESS DETECTION  
[54] SYSTEME ET PROCEDE DE DETECTION DE DOUBLE ADRESSE  
[72] REBULLA, RENATO, IT  
[72] SCORFIELD, STEVEN L., GB  
[73] LIFE SAFETY DISTRIBUTION AG, CH  
[85] 2009-04-01  
[86] 2007-03-20 (PCT/US2007/006860)  
[87] (WO2008/063210)  
[30] US (11/556,334) 2006-11-03

---

[11] **2,665,875**  
[13] C

- [51] Int.Cl. H04W 92/02 (2009.01) H04W 12/06 (2009.01)  
[25] EN  
[54] AUTHORIZING ACCESS TO TELECOMMUNICATIONS NETWORKS FOR MOBILE DEVICES, SUCH AS MOBILE DEVICES ACCESSING NETWORKS VIA NON-TRADITIONAL ENTRY POINTS  
[54] AUTORISATION D'ACCÈS À DES RESEAUX DE TELECOMMUNICATIONS POUR APPAREILS MOBILES, COMME DES APPAREILS MOBILES ACCÉDANT À DES RESEAUX AU MOYEN DE POINTS D'ENTRÉE NON TRADITIONNELS  
[72] CALDWELL, CHRISTOPHER E., US  
[72] LINKOLA, JANNE P., US  
[73] T-MOBILE USA, INC., US  
[86] (2665875)  
[87] (2665875)  
[22] 2009-05-11  
[30] US (12/399,710) 2009-03-06

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,669,736**  
[13] C

- [51] Int.Cl. C07D 401/04 (2006.01) A61K 31/496 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) C07D 235/18 (2006.01) C07D 235/20 (2006.01) C07D 401/10 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01)
- [25] EN
- [54] HETEROCYCLIC COMPOUNDS AS TYROSINE KINASE MODULATORS
- [54] COMPOSES HETEROCYCLIQUES UTILES COMME MODULATEURS DES TYROSINE KINASES
- [72] ANIKIN, ALEXEY VYACHESLAVOVICH, US
- [72] GANTLA, VIDYASAGAR REDDY, US
- [72] GREGOR, VLAD EDWARD, US
- [72] JIANG, LUYONG, US
- [72] LIU, YAHUA, US
- [72] MCGEE, DANNY PETER CLAUDE, US
- [72] MIKEL, CHARLES CHAMCHOUMIS, US
- [72] PICKENS, JASON CONRAD, US
- [72] WEBB, THOMAS ROY, US
- [72] ZHENG, YAN, US
- [72] ZHU, TONG, US
- [72] KADUSHKIN, ALEKSANDER, RU
- [72] ZOZULYA, SERGEY, US
- [72] CHUCHOLOWSKI, ALEXANDER, US
- [72] MCGRATH, DOUGLAS ERIC, US
- [72] SVIRIDOV, SERGEY, RU
- [73] CHEMBRIDGE CORPORATION, US
- [85] 2009-04-29
- [86] 2006-11-02 (PCT/US2006/042982)
- [87] (WO2007/056155)
- [30] US (60/734,050) 2005-11-03

**[11] 2,669,862**  
[13] C

- [51] Int.Cl. B65B 35/50 (2006.01) B65B 5/06 (2006.01) B65B 11/30 (2006.01)
- [25] EN
- [54] METHOD OF TRANSPORTING PREFORMED FLOWER POT COVERS
- [54] METHODE DE TRANSPORT DE COUVERCLES DE POTS A FLEURS PREFORMES
- [72] WEDER, DONALD E., US
- [73] WANDA M WEDER AND WILLIAM F STRAETER, NOT INDIVIDUALLY BUT SOLELY AS TRUSTEES OF THE FAMILY TRUST U/T/A DATED DECEMBER 8, 1995, US
- [86] (2669862)
- [87] (2669862)
- [22] 2009-06-23
- [30] US (12/215,146) 2008-06-25

**[11] 2,670,917**  
[13] C

- [51] Int.Cl. F16L 1/06 (2006.01) F16L 1/028 (2006.01)
- [25] EN
- [54] SOIL PENETRATING PLATE ASSEMBLY TO POSITION GEOTHERMAL CONDUIT LOOPS IN SOIL
- [54] PLAQUE PENETRANT LE SOL POUR Y PLACER DES BOUCLES DE CONDUITES GEOTHERMIQUES
- [72] DESMEULES, ALAIN, CA
- [73] DESANTIS, BROOKE ERIN, CA
- [86] (2670917)
- [87] (2670917)
- [22] 2009-07-03
- [30] US (12/497,560) 2009-07-03

**[11] 2,671,969**  
[13] C

- [51] Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)
- [25] EN
- [54] AIR SEEDER WITH GPS BASED ON/OFF CONTROL OF INDIVIDUAL ROW UNITS
- [54] SEMOIR PNEUMATIQUE AVEC COMMANDE MARCHE-ARRET A GPS DE RAYONNEURS DISTINCTS
- [72] LANDPHAIR, DONALD K., US
- [73] DEERE & COMPANY, US
- [86] (2670819)
- [87] (2670819)
- [22] 2009-06-30
- [30] US (12/173,368) 2008-07-15

- [51] Int.Cl. A61B 46/10 (2016.01) A61B 90/20 (2016.01)
- [25] EN
- [54] MICROSCOPE DRAPE LENS COVER SYSTEM AND ASSEMBLY METHOD
- [54] SYSTEME DE COUVRE-OBJECTIF DRAPE DE MICROSCOPE ET PROCEDE D'ASSEMBLAGE
- [72] DILLON, MARK S., US
- [72] PACK-WALDEN, GINGER C., US
- [72] ADAMS, TAMMY C., US
- [72] DING, YOUNGHEN, US
- [73] MICROTEK MEDICAL, INC., US
- [85] 2009-06-04
- [86] 2007-12-13 (PCT/US2007/087326)
- [87] (WO2008/076777)
- [30] US (60/874,985) 2006-12-13
- [30] US (11/954,524) 2007-12-12

**[11] 2,672,388**  
[13] C

- [51] Int.Cl. B60S 1/54 (2006.01) B60S 1/66 (2006.01) F21V 99/00 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR PREVENTING A BUILD UP OF SNOW OR DUST
- [54] PROCEDE ET APPAREIL POUR EMPECHER L'ACCUMULATION DE NEIGE OU DE POUSSIÈRE
- [72] MCCONNELL, CRAIG, CA
- [73] MCCONNELL, CRAIG, CA
- [86] (2672388)
- [87] (2672388)
- [22] 2009-07-28

**Canadian Patents Issued**  
**February 21, 2017**

---

**[11] 2,674,758**  
[13] C

- [51] Int.Cl. A47L 5/28 (2006.01) A47L 5/32 (2006.01) A47L 9/32 (2006.01)  
 [25] EN  
 [54] SURFACE CLEANING APPARATUS  
 [54] APPAREIL DE NETTOYAGE DE SURFACES  
 [72] CONRAD, WAYNE ERNEST, CA  
 [73] OMACHRON INTELLECTUAL PROPERTY INC., CA  
 [86] (2674758)  
 [87] (2674758)  
 [22] 2009-07-30
- 

**[11] 2,675,323**  
[13] C

- [51] Int.Cl. B01D 39/06 (2006.01) B01D 24/00 (2006.01) B01J 20/02 (2006.01) B01J 20/30 (2006.01)  
 [25] EN  
 [54] THERMALLY TREATED EXPANDED PERLITE  
 [54] PERLITE EXPANSEE A TRAITEMENT THERMIQUE  
 [72] MA, JIA, US  
 [73] CONTECH ENGINEERED SOLUTIONS LLC, US  
 [86] (2675323)  
 [87] (2675323)  
 [22] 2009-08-13  
 [30] US (61/088,533) 2008-08-13  
 [30] US (61/099,349) 2008-09-23
- 

**[11] 2,676,726**  
[13] C

- [51] Int.Cl. G10D 3/14 (2006.01)  
 [25] EN  
 [54] TREMOLO FOR AN ELECTRIC GUITAR COMPRISING A BODY WITH A FIXED LEVER EXTENDING REARWARDLY THEREFROM THAT IS ADAPTED FOR OPERATION WHILE PLAYING GUITAR STRINGS  
 [54] TREMOLO DE GUITARE ELECTRIQUE COMPRENANT UN CORPS A LEVIER FIXE S'EN PROLONGEANT VERS L'ARRIÈRE QUI EST ADAPTE POUR FONCTIONNER PENDANT QUE LES CORDES DE GUITARE SONT TOUCHEES  
 [72] COMBS, AUTRY, CA  
 [73] COMBS, AUTRY, CA  
 [86] (2676726)  
 [87] (2676726)  
 [22] 2009-09-02
- 

**[11] 2,679,901**  
[13] C

- [51] Int.Cl. H02K 3/12 (2006.01) H02K 1/16 (2006.01) H02K 3/02 (2006.01) H02K 3/30 (2006.01)  
 [25] EN  
 [54] STATOR  
 [54] STATOR  
 [72] ZHANG, XU, CN  
 [73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN  
 [86] (2679901)  
 [87] (2679901)  
 [22] 2009-09-22  
 [30] CN (200810220114.1) 2008-12-12
- 

**[11] 2,685,213**  
[13] C

- [51] Int.Cl. C07K 16/00 (2006.01)  
 [25] EN  
 [54] ENGINEERED RABBIT ANTIBODY VARIABLE DOMAINS AND USES THEREOF  
 [54] DOMAINES VARIABLES TRANSGENIQUES D'ANTICORPS DE LAPIN ET LEURS UTILISATIONS  
 [72] BRAZ GONCALVES, JOAO MANUEL, PT  
 [72] CASTANHEIRA AIRES DA SILVA, FREDERICO NUNO, PT  
 [73] TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA, PT  
 [85] 2009-10-26  
 [86] 2008-04-30 (PCT/PT2008/000018)  
 [87] (WO2008/136694)  
 [30] US (60/916,226) 2007-05-04
- 

**[11] 2,685,636**  
[13] C

- [51] Int.Cl. A61K 38/16 (2006.01) A61K 31/155 (2006.01) A61K 38/26 (2006.01) A61P 3/10 (2006.01)  
 [25] EN  
 [54] METHOD OF TREATMENT OF DIABETES TYPE 2 COMPRISING ADD-ON THERAPY TO METFORMIN  
 [54] METHODE DESTINEE AU TRAITEMENT DU DIABETE DE TYPE 2 COMPRENANT UN TRAITEMENT D'APPOINT PAR LA METFORMINE  
 [72] SILVESTRE, LOUISE, FR  
 [72] SERT-LANGERON, CAROLINE, FR  
 [72] ZHOU, TIANYUE, US  
 [73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
 [86] (2685636)  
 [87] (2685636)  
 [22] 2009-11-13
- 

**[11] 2,686,687**  
[13] C

- [51] Int.Cl. G06F 13/10 (2006.01) G06F 3/06 (2006.01) H04W 88/02 (2009.01)  
 [25] EN  
 [54] ANTICIPATORY RESPONSES TO COMMANDS  
 [54] REPONSES ANTICIPEES A DES INSTRUCTIONS  
 [72] SINGH, RAVI, CA  
 [72] BROWN, MICHAEL KENNETH, CA  
 [72] DAVIS, DINAH LEA MARIE, CA  
 [72] ADAMS, NEIL PATRICK, CA  
 [73] BLACKBERRY LIMITED, CA  
 [86] (2686687)  
 [87] (2686687)  
 [22] 2009-12-01  
 [30] EP (08170375.3) 2008-12-01

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,686,751**

[13] C

[51] Int.Cl. B65B 1/08 (2006.01)

[25] EN

[54] A DISCRETE ARTICLE SPACING APPARATUS FOR VIBRATION TRAYS  
[54] APPAREIL A ESPACER DES OBJETS INDIVIDUELS CONCU POUR DES PLATEAUX AGITATEURS

[72] BASANNI, LORIS, CA

[73] COUNTLAB, INC., CA

[86] (2686751)

[87] (2686751)

[22] 2009-12-01

[30] US (61/119,096) 2008-12-02

---

**[11] 2,688,374**

[13] C

[51] Int.Cl. F01D 5/06 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01)

[25] EN

[54] ROTOR MOUNTING SYSTEM FOR GAS TURBINE ENGINE  
[54] SYSTEME DE MONTAGE DE ROTOR POUR TURBINE A GAZ  
[72] MAKUSZEWSKI, JERZY, CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[86] (2688374)  
[87] (2688374)  
[22] 2009-12-14  
[30] US (12/341,204) 2008-12-22

---

**[11] 2,688,613**

[13] C

[51] Int.Cl. A61K 31/53 (2006.01) A61K 33/26 (2006.01) A61K 45/06 (2006.01) A61P 7/06 (2006.01) A61P 33/02 (2006.01)

[25] EN

[54] FORMULATIONS CONTAINING TRIAZINONES AND IRON  
[54] FORMULATIONS CONTENANT DES TRIAZINONES ET DU FER  
[72] HOFMANN, STEFAN, DE  
[72] HEEP, IRIS, DE  
[72] MUNDT, HANS-CHRISTIAN, DE  
[72] TORRES ISLAS, JUAN AGUSTIN, DE  
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2009-11-27  
[86] 2008-05-21 (PCT/EP2008/004040)  
[87] (WO2008/145281)  
[30] DE (10 2007 025 908.7) 2007-06-01

---



---

**[11] 2,690,575**

[13] C

[51] Int.Cl. F01D 5/30 (2006.01) F01D 5/10 (2006.01) F01D 5/26 (2006.01) F02K 3/04 (2006.01)

[25] EN

[54] BLADE PRELOADING SYSTEM AND METHOD

[54] DISPOSITIF ET METHODE DE PRECHARGEMENT D'AUBE

[72] STONE, PAUL, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2690575)

[87] (2690575)

[22] 2010-01-20

[30] US (12/358,729) 2009-01-23

---

**[11] 2,692,881**

[13] C

[51] Int.Cl. B65G 49/00 (2006.01) B27B 31/00 (2006.01)

[25] EN

[54] LOG TRANSPORT SYSTEM

[54] TRANSPORTEUR DE GRUMES

[72] KRAUSS, JIM, US

[72] KRAUSS, JOSH, US

[73] PRICE LOGPRO, LLC, US

[86] (2692881)

[87] (2692881)

[22] 2010-02-10

[30] US (61/151,933) 2009-02-12

---

**[11] 2,694,597**

[13] C

[51] Int.Cl. G05B 15/02 (2006.01) G08B 21/18 (2006.01)

[25] EN

[54] UNIVERSAL REMOTE MACHINERY CONTROLLER AND MONITOR

[54] CONTROLEUR ET MONITEUR UNIVERSEL ELOIGNE DE MACHINES

[72] BERRY, ROBERT JOSEPH, JR., US

[72] BERRY, ROBERT JOSEPH, SR., US

[73] BERRY, ROBERT JOSEPH, JR., US

[73] BERRY, ROBERT JOSEPH, SR., US

[86] (2694597)

[87] (2694597)

[22] 2010-02-25

[30] US (61/155,376) 2009-02-25

---



---

**[11] 2,695,726**

[13] C

[51] Int.Cl. A61B 5/053 (2006.01) A61B 5/029 (2006.01) A61B 5/083 (2006.01)

[25] EN

[54] DYNAMICALLY VARIABLE FILTER

[54] FILTRE VARIABLE DYNAMIQUE

[72] KEREN, HANAN, IL

[72] AVIDOR, YOAV, IL

[72] SQUARA, PIERRE, FR

[72] BURKHoff, DANIEL, US

[72] LEVY, BARUCH, IL

[73] CHEETAH MEDICAL, INC., US

[85] 2010-02-05

[86] 2008-08-11 (PCT/IL2008/001105)

[87] (WO2009/022330)

[30] US (11/889,395) 2007-08-13

---



---

**[11] 2,697,046**

[13] C

[51] Int.Cl. C04B 26/16 (2006.01) E01C 7/30 (2006.01)

[25] EN

[54] METHOD FOR PRODUCING MINERAL-BEARING COVER LAYERS FOR FLOOR COVERINGS

[54] PROCEDE DE FABRICATION DE COUCHES DE COUVERTURE POUR REVETEMENTS DE SOL

[72] MOHMEYER, NILS, DE

[72] REESE, OLIVER, DE

[72] EISENHARDT, ANDREA, DE

[72] LEBERFINGER, MARCUS, DE

[72] MOHMEYER, HEINRICH, DE

[73] BASF SE, DE

[85] 2010-02-18

[86] 2008-09-12 (PCT/EP2008/062180)

[87] (WO2009/037205)

[30] EP (07116500.5) 2007-09-14

---



---

**[11] 2,698,731**

[13] C

[51] Int.Cl. B62D 55/04 (2006.01)

[25] EN

[54] APPARATUS FOR CONVERTING A WHEELED VEHICLE TO A TRACKED VEHICLE

[54] APPAREIL POUR CONVERTIR UN VEHICULE A ROUES EN UN VEHICULE A CHENILLES

[72] KORUS, THOMAS J., US

[72] HANSEN, RONALD S., US

[73] LOEGERING MFG. INC., US

[85] 2010-03-05

[86] 2008-09-05 (PCT/US2008/075442)

[87] (WO2009/033052)

[30] US (60/970,764) 2007-09-07

**Canadian Patents Issued  
February 21, 2017**

---

[11] 2,699,622

[13] C

[51] Int.Cl. G06Q 40/04 (2012.01)

[25] EN

[54] CONTROLLING MARKETS  
DURING A STOP LOSS TRIGGER  
[54] CONTROLE DE MARCHES LORS  
D'UN DECLENCHEMENT D'UN  
ORDRE DE VENTE STOP

[72] FARRELL, JAMES, US

[72] KRAUSE, JAMES, US

[73] CHICAGO MERCANTILE  
EXCHANGE, INC., US

[85] 2010-03-12

[86] 2008-09-11 (PCT/US2008/075980)

[87] (WO2009/036143)

[30] US (11/900,810) 2007-09-13

---

[11] 2,701,405

[13] C

[51] Int.Cl. F01D 25/28 (2006.01) B23K  
31/02 (2006.01) F01D 25/24 (2006.01)  
F02K 1/80 (2006.01)

[25] EN

[54] STRUCTURAL REINFORCEMENT  
STRUT FOR GAS TURBINE CASE

[54] RENFORT DE STRUCTURE POUR  
BATI DE TURBINE A GAZ

[72] FONTAINE, MIKE, CA

[72] PAQUET, RENE, CA

[72] FOURNIER, JEAN, CA

[73] PRATT & WHITNEY CANADA  
CORP., CA

[86] (2701405)

[87] (2701405)

[22] 2010-04-22

[30] US (12/433,250) 2009-04-30

---

---

[11] 2,701,534

[13] C

[51] Int.Cl. C07D 307/28 (2006.01) C07D  
307/33 (2006.01) C07D 493/08  
(2006.01) C07D 493/18 (2006.01)

[25] EN

[54] INTERMEDIATES AND METHODS  
FOR THE SYNTHESIS OF  
HALICHONDRIN B ANALOGS

[54] INTERMEDIAIRES ET PROCEDES  
POUR LA SYNTHESE  
D'ANALOGUES  
D'HALICHONDRIINE B

[72] CHASE, CHARLES, US

[72] ENDO, ATSUSHI, US

[72] FANG, FRANCIS G., US

[72] LI, JING, US

[73] EISAI R&D MANAGEMENT CO.,  
LTD., JP

[85] 2010-03-31

[86] 2008-10-03 (PCT/US2008/078762)

[87] (WO2009/046308)

[30] US (60/997,625) 2007-10-03

---

---

[11] 2,702,642

[13] C

[51] Int.Cl. G01N 11/10 (2006.01) B01F  
15/00 (2006.01) G01N 11/14 (2006.01)

[25] EN

[54] TEST APPARATUS FOR SENSING  
FLOW CHARACTERISTICS OF A  
SAMPLE

[54] APPAREIL D'ESSAI POUR  
DETECTER LES  
CARACTERISTIQUES  
D'ECOULEMENT D'UN  
ECHANTILLON

[72] FRYER, SCOTT JOHN, CA

[73] SHELL CANADA ENERGY, A  
GENERAL PARTNERSHIP FORMED  
UNDER THE LAWS OF THE  
PROVINCE OF ALBERTA, CA

[73] CHEVRON CANADA LIMITED, CA

[73] MARATHON OIL CANADA  
CORPORATION, CA

[86] (2702642)

[87] (2702642)

[22] 2010-05-04

---

---

[11] 2,703,798

[13] C

[51] Int.Cl. B05B 1/14 (2006.01)

[25] EN

[54] SPRAY SWITCH FOR SPRAY GUN

[54] INTERRUPTEUR DE  
PULVERISATION POUR  
PISTOLET DE PULVERISATION

[72] CHENG, CHI-HAN, TW

[73] YUAN-MEI CORP., TW

[86] (2703798)

[87] (2703798)

[22] 2010-05-12

[30] TW (099107898) 2010-03-17

---

**Brevets canadiens délivrés**  
**21 février 2017**

---

**[11] 2,704,202**

[13] C

- [51] Int.Cl. C10G 47/06 (2006.01) C10G  
 47/36 (2006.01)
- [25] EN
- [54] METHODS FOR INCREASING  
 CATALYST CONCENTRATION IN  
 HEAVY OIL AND/OR COAL  
 RESID HYDROCRACKER
- [54] PROCEDES D'AUGMENTATION  
 DE LA CONCENTRATION D'UN  
 CATALYSEUR LORS DE  
 L'HYDROCRAQUAGE D'HUILE  
 LOURDE ET/OU DE RESIDUS DE  
 CHARBON
- [72] LOTT, ROGER K., CA
- [72] CHANG, YU-HWA, US
- [73] HEADWATERS HEAVY OIL, LLC,  
 US
- [85] 2010-04-29
- [86] 2008-10-28 (PCT/US2008/081466)
- [87] (WO2009/058785)
- [30] US (11/932,201) 2007-10-31
- 

**[11] 2,704,444**

[13] C

- [51] Int.Cl. C09D 167/02 (2006.01) C09D  
 7/12 (2006.01) C09D 7/14 (2006.01)  
 G03G 5/04 (2006.01)
- [25] EN
- [54] INTERFACIAL LAYER AND  
 COATING SOLUTION FOR  
 FORMING THE SAME
- [54] COUCHE INTERFACIALE ET  
 SOLUTION DE PROTECTION LA  
 FORMANT
- [72] TONG, YUHUA, US
- [72] GRABOWSKI, EDWARD F., US
- [72] BAYLEY, ROBERT D., US
- [73] XEROX CORPORATION, US
- [86] (2704444)
- [87] (2704444)
- [22] 2010-05-14
- [30] US (12/471,304) 2009-05-22
- 

---

**[11] 2,705,860**

[13] C

- [51] Int.Cl. H04W 36/08 (2009.01)
- [25] EN
- [54] USING IDENTIFIERS TO  
 ESTABLISH COMMUNICATION
- [54] UTILISATION D'IDENTIFIANTS  
 POUR ETABLIR UNE  
 COMMUNICATION
- [72] HORN, GAVIN BERNARD, US
- [72] AGASHE, PARAG ARUN, US
- [72] PRAKASH, RAJAT, US
- [72] GUPTA, RAJARSHI, US
- [72] KITAZOE, MASATO, US
- [72] TENNY, NATHAN EDWARD, US
- [72] FLORE, ORONZO, US
- [73] QUALCOMM INCORPORATED, US
- [85] 2010-05-14
- [86] 2008-11-14 (PCT/US2008/083658)
- [87] (WO2009/065053)
- [30] US (60/988,646) 2007-11-16
- [30] US (61/059,654) 2008-06-06
- [30] US (61/074,114) 2008-06-19
- [30] US (61/074,935) 2008-06-23
- [30] US (12/269,676) 2008-11-12
- 

---

**[11] 2,710,623**

[13] C

- [51] Int.Cl. G01R 19/165 (2006.01) H04W  
 24/00 (2009.01) H04W 84/18 (2009.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR  
 MONITORING VOLTAGE IN A  
 METER NETWORK
- [54] PROCEDE ET APPAREIL POUR  
 SURVEILLER LA TENSION DANS  
 UN RESEAU DE COMPTEURS
- [72] RICHESON, KEITH D., US
- [72] MINTON, CHARLIE E., US
- [72] HEMMINGER, RODNEY C., US
- [72] MASON, ROBERT T., US
- [73] ELSTER ELECTRICITY, LLC, US
- [85] 2010-06-23
- [86] 2008-12-22 (PCT/US2008/087962)
- [87] (WO2009/082726)
- [30] US (61/016,760) 2007-12-26
- [30] US (61/061,810) 2008-06-16
- [30] US (12/140,938) 2008-06-17
- 

---

**[11] 2,711,003**

[13] C

- [51] Int.Cl. C07D 209/38 (2006.01) A61K  
 31/404 (2006.01) A61K 31/4439  
 (2006.01) A61K 38/08 (2006.01) A61K  
 38/10 (2006.01) A61P 35/00 (2006.01)  
 C07D 401/06 (2006.01) C07K 5/062  
 (2006.01) C07K 5/083 (2006.01) C07K  
 7/06 (2006.01) C07K 7/08 (2006.01)
- [25] EN
- [54] TARGETING OF EWS-FLI1 AS  
 ANTI-TUMOR THERAPY
- [54] THERAPIE ANTITUMORALE PAR  
 CIBLAGE DE EWS-FLI1
- [72] TORETSKY, JEFFREY A., US
- [72] UEREN, AYKUT, US
- [72] BROWN, MILTON LANG, US
- [72] KONG, YALI, US
- [73] GEORGETOWN UNIVERSITY, US
- [85] 2010-06-29
- [86] 2007-12-28 (PCT/US2007/089118)
- [87] (WO2008/083326)
- [30] US (60/877,856) 2006-12-29

**Canadian Patents Issued  
February 21, 2017**

---

**[11] 2,712,026**

[13] C

[51] Int.Cl. H04W 12/02 (2009.01) H04W 12/04 (2009.01) H04W 92/02 (2009.01)

[25] EN

[54] SECURED PRESENTATION LAYER VIRTUALIZATION FOR WIRELESS HANDHELD COMMUNICATION DEVICE  
[54] VIRTUALISATION DE COUCHE DE PRESENTATION SECURISEE POUR DISPOSITIF DE COMMUNICATION PORTABLE SANS FIL

[72] ANDRESS, MARK, CA

[72] DIETRICH, TREVOR, CA

[72] DIXON, KEVIN, CA

[72] NOBLE, DUNCAN, CA

[73] BLACKBERRY LIMITED, CA

[85] 2010-07-12

[86] 2009-01-16 (PCT/CA2009/000046)

[87] (WO2009/089626)

[30] US (61/021,357) 2008-01-16

[30] US (61/095,387) 2008-09-09

---

**[11] 2,713,582**

[13] C

[51] Int.Cl. C12N 9/28 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01)  
C12N 15/56 (2006.01) C12N 15/75 (2006.01)

[25] EN

[54] TS23 ALPHA-AMYLASE VARIANTS WITH ALTERED PROPERTIES

[54] VARIANTS TS23 DE L'ALPHA-AMYLASE A PROPRIETES MODIFIEES

[72] CASCAO-PEREIRA, LUIS, US

[72] CHANG, CLAUDINE, US

[72] CHOY, CLEMENT, US

[72] ESTABROOK, MELODIE, US

[72] JONES, BRIAN E., US

[72] KELLIS, JAMES T., JR., US

[72] KOLKMAN, MARC, US

[72] LEEFLANG, CHRIS, US

[72] VROEMEN, CASPER, US

[72] WEYLER, WALTER, US

[73] DANISCO US INC., US

[85] 2010-07-28

[86] 2009-02-04 (PCT/US2009/033027)

[87] (WO2009/100102)

[30] US (61/026,056) 2008-02-04

[30] US (61/059,403) 2008-06-06

---

**[11] 2,715,861**

[13] C

[51] Int.Cl. E21B 17/18 (2006.01) E21B 43/12 (2006.01)

[25] EN

[54] IMPROVED TUBING SECTION  
[54] SECTION AMELIOREE DE COLONNE DE PRODUCTION

[72] ELRICK, ANDREW, GB

[73] PETROWELL LIMITED, GB

[85] 2010-08-17

[86] 2009-02-23 (PCT/GB2009/000483)

[87] (WO2009/103999)

[30] GB (0803123.9) 2008-02-21

---

**[11] 2,716,099**

[13] C

[51] Int.Cl. C12Q 1/68 (2006.01) C12N 15/12 (2006.01)

[25] EN

[54] FIG4 GENE MUTATIONS IN NEURODEGENERATION

[54] MUTATIONS DU GENE FIG4 DANS LA NEURODEGENERATION

[72] MEISLER, MIRIAM, US

[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[85] 2010-08-17

[86] 2009-03-06 (PCT/US2009/036338)

[87] (WO2009/111704)

[30] US (61/034,296) 2008-03-06

---

**[11] 2,717,721**

[13] C

[51] Int.Cl. A61F 2/18 (2006.01) A61F 11/00 (2006.01)

[25] EN

[54] EAR INSERT FOR RELIEF OF TMJ DISCOMFORT

[54] INSERT AURICULAIRE POUR SOULAGER UN INCONFORT DE L'ARTICULATION TEMPOROMANDIBULAIRE

[72] CLAYTON, LAWRENCE G., US

[73] RENEW GROUP PRIVATE LIMITED, SG

[85] 2010-09-03

[86] 2008-09-23 (PCT/US2008/077339)

[87] (WO2009/110929)

[30] US (12/075,046) 2008-03-07

---

**[11] 2,718,079**

[13] C

[51] Int.Cl. A61B 17/00 (2006.01) A61B 17/34 (2006.01) A61M 36/00 (2006.01)  
A61M 37/00 (2006.01) A61B 17/12 (2006.01) A61F 13/00 (2006.01)

[25] EN

[54] APPLICATOR INSTRUMENTS HAVING PROTECTIVE CARRIERS FOR HEMOSTATS AND METHODS THEREFOR

[54] INSTRUMENTS D'APPLICATION AYANT DES SUPPORTS PROTECTEURS POUR DES HEMOSTATS ET PROCEDES CORRESPONDANTS

[72] GABEL, JONATHAN, US

[72] LIVINGSTON, JASON C., US

[72] LOONEY, DWAYNE, US

[72] GUGLIELMO, MICHAEL E., US

[72] FURNISH, GREG R., US

[72] MISER, JOHN, US

[73] ETHICON, INC., US

[85] 2010-09-09

[86] 2009-03-16 (PCT/US2009/037276)

[87] (WO2009/117357)

[30] US (12/049,869) 2008-03-17

---

**[11] 2,718,660**

[13] C

[51] Int.Cl. H04W 16/14 (2009.01) H04W 88/06 (2009.01) H04W 88/10 (2009.01)

[25] EN

[54] SYSTEMS AND METHODS TO DEFINE CONTROL CHANNELS USING RESERVED RESOURCE BLOCKS

[54] SYSTEMES ET PROCEDES POUR DEFINIR DES CANAUX DE COMMANDE A L'AIDE DE BLOCS DE RESSOURCES RESERVEES

[72] KHANDEKAR, AAMOD D., US

[72] MONTOJO, JUAN, US

[72] AGRAWAL, AVNEESH, US

[73] QUALCOMM INCORPORATED, US

[85] 2010-09-15

[86] 2009-04-07 (PCT/US2009/039717)

[87] (WO2009/126598)

[30] US (61/043,106) 2008-04-07

[30] US (12/419,022) 2009-04-06

Brevets canadiens délivrés  
21 février 2017

---

[11] 2,719,175

[13] C

- [51] Int.Cl. B06B 1/06 (2006.01) A61N 7/02 (2006.01)  
[25] EN  
[54] OPERATION OF PATTERNED ULTRASONIC TRANSDUCERS  
[54] FONCTIONNEMENT DE TRANSDUCTEURS ULTRASONIQUES A MOTIF  
[72] GOLAND, VLADIMIR, IL  
[72] KUSHCULEY, LEONID, IL  
[73] ULTRASHAPE LTD., US  
[85] 2010-09-13  
[86] 2009-03-03 (PCT/IB2009/050856)  
[87] (WO2009/112968)  
[30] US (61/064,581) 2008-03-13  
[30] US (12/081,379) 2008-04-15
- 

[11] 2,719,367

[13] C

- [51] Int.Cl. E04C 3/07 (2006.01) E04B 1/24 (2006.01)  
[25] EN  
[54] A METAL STUD FOR A WALL OR ROOF SYSTEM  
[54] COLOMBAGE METALLIQUE POUR UN MUR OU UNE TOITURE  
[72] KESTER, JEFF, US  
[73] KESTER, JEFF, US  
[86] (2719367)  
[87] (2719367)  
[22] 2010-10-27
- 

[11] 2,719,398

[13] C

- [51] Int.Cl. G01N 29/04 (2006.01) B06B 1/06 (2006.01) F16L 55/26 (2006.01) G01N 3/32 (2006.01) G01N 29/06 (2006.01) G01N 29/07 (2006.01) G01N 33/34 (2006.01)  
[25] EN  
[54] SYSTEM FOR ULTRASONICALLY DETECTING DEFECTS IN A PIPE WALL  
[54] SYSTEME DE DETECTION ULTRASOONORE DE DEFAUTS DANS UNE PAROI DE TUYAU  
[72] VOLKER, ARNO WILLEM FREDERIK, NL  
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL  
[85] 2010-09-23  
[86] 2009-03-25 (PCT/NL2009/050144)  
[87] (WO2009/120076)  
[30] EP (08153225.1) 2008-03-25
- 

[11] 2,719,694

[13] C

- [51] Int.Cl. B63B 35/44 (2006.01) F03D 13/20 (2016.01) F03D 13/25 (2016.01) B63B 22/20 (2006.01) B63B 38/00 (2006.01) B63B 39/03 (2006.01) E02B 17/04 (2006.01) E04H 12/00 (2006.01)  
[25] EN  
[54] COLUMN-STABILIZED OFFSHORE PLATFORM WITH WATER-ENTRAPMENT PLATES AND ASYMMETRIC MOORING SYSTEM FOR SUPPORT OF OFFSHORE WIND TURBINES  
[54] PLATE-FORME OFFSHORE STABILISEE PAR DES COLONNES, DOTEES DE PLAQUES DE PIEGEAGE D'EAU ET D'UN SYSTEME DE MOUILLAGE ASYMETRIQUE POUR LE SUPPORT D'EOLIENNES OFFSHORE  
[72] RODDIER, DOMINIQUE, US  
[72] CERMELLI, CHRISTIAN, US  
[73] PRINCIPLE POWER, INC., US  
[85] 2010-09-24  
[86] 2009-04-06 (PCT/US2009/039692)  
[87] (WO2009/131826)  
[30] US (61/125,241) 2008-04-23
- 

[11] 2,720,191

[13] C

- [51] Int.Cl. H04L 27/34 (2006.01)  
[25] EN  
[54] OVERLAY MODULATION OF COFDM USING PHASE AND AMPLITUDE OFFSET CARRIERS  
[54] MODULATION DE RECOUVREMENT POUR DES SIGNAUX COFDM A L'AIDE DE PORTEUSES DE DECALAGE DE PHASE ET D'AMPLITUDE  
[72] SCARPA, CARL, US  
[72] SCHELL, EDWARD, US  
[72] STROLLE, CHRISTOPHER, US  
[73] SIRIUS XM RADIO INC., US  
[85] 2010-09-30  
[86] 2009-03-31 (PCT/US2009/039027)  
[87] (WO2009/124088)  
[30] US (61/072,637) 2008-03-31
- 

[11] 2,720,462

[13] C

- [51] Int.Cl. G01V 3/12 (2006.01) H04L 12/16 (2006.01)  
[25] EN  
[54] RFID NETWORK SYSTEM  
[54] SYSTEME DE RESEAU RFID  
[72] VIDAUERRI OJEDA, ANTONIO, MX  
[72] RAMOS ELIZONDO, RAFAEL GUILLERMO, MX  
[73] RFID MEXICO S.A. DE C.V., MX  
[85] 2010-10-01  
[86] 2009-04-03 (PCT/MX2009/000034)  
[87] (WO2009/128695)  
[30] US (12/103,741) 2008-04-16  
[30] US (12/249,192) 2008-10-10
- 

[11] 2,720,737

[13] C

- [51] Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)  
[25] EN  
[54] PLANT REGULATORY ELEMENTS AND USES THEREOF  
[54] ELEMENTS REGULATEURS DE PLANTES ET LEURS UTILISATIONS  
[72] FLASINSKI, STANISLAW, US  
[72] DIETRICH, CHARLES R., US  
[73] MONSANTO TECHNOLOGY LLC, US  
[85] 2010-10-06  
[86] 2009-03-30 (PCT/US2009/038812)  
[87] (WO2009/126470)  
[30] US (61/042,957) 2008-04-07
-

**Canadian Patents Issued**  
**February 21, 2017**

---

[11] **2,722,724**  
[13] C

- [51] Int.Cl. C04B 40/02 (2006.01) C04B 14/04 (2006.01) C04B 18/14 (2006.01) C04B 28/10 (2006.01) C04B 40/00 (2006.01)
- [25] EN
- [54] **PRODUCTION OF A MAINLY CARBONATE BONDED ARTICLE BY CARBONATION OF ALKALINE MATERIALS**
- [54] **FABRICATION D'UN ARTICLE LIE PRINCIPALEMENT PAR DES CARBONATES PAR CARBONATATION DE MATERIES ALCALINES**
- [72] QUAGHEBEUR, MIEKE, BE
- [72] LAENEN, BEN, BE
- [72] NIELSEN, PETER, BE
- [73] CARBSTONE INNOVATION NV, BE
- [85] 2010-10-26
- [86] 2009-04-28 (PCT/EP2009/055154)
- [87] (WO2009/133120)
- [30] EP (PCT/EP2008/055195) 2008-04-28

[11] **2,723,789**  
[13] C

- [51] Int.Cl. H04L 29/02 (2006.01) H04L 12/16 (2006.01) H04L 29/06 (2006.01)
- [25] EN
- [54] **METHOD AND SYSTEM FOR TRIGGERING INGESTION OF REMOTE CONTENT BY A STREAMING SERVER USING UNIFORM RESOURCE LOCATOR FOLDER MAPPING**
- [54] **PROCEDE ET SYSTEME DE DECLENCHEMENT D'INGESTION DE CONTENU DISTANT PAR UN SERVEUR DE DIFFUSION MULTIMEDIA A L'AIDE D'UN MAPPAGE DE DOSSIER DE LOCALISATEUR DE RESSOURCE UNIVERSEL**
- [72] COURTEMANCHE, MARC, CA
- [72] COTE, SEBASTIEN, CA
- [73] VANTRIX CORPORATION, CA
- [85] 2010-11-08
- [86] 2008-10-16 (PCT/CA2008/001835)
- [87] (WO2010/012068)
- [30] US (12/184,926) 2008-08-01

[11] **2,724,324**  
[13] C

- [51] Int.Cl. G08G 1/0968 (2006.01) G08G 1/0965 (2006.01) H04L 12/28 (2006.01)
- [25] EN
- [54] **VEHICLE DIAGNOSTICS BASED ON INFORMATION COMMUNICATED BETWEEN VEHICLES**
- [54] **DIAGNOSTIC DE VEHICULE FONDE SUR DES INFORMATIONS COMMUNIQUEES ENTRE VEHICULES**
- [72] FISCHER, JACOB, US
- [72] FRAMPTON, DALE, US
- [72] SCHMIEDEL, GARY, US
- [72] YAKES, CHRISTOPHER K., US
- [72] BROGGI, ALBERTO, IT
- [73] OSHKOSH CORPORATION, US
- [85] 2010-11-10
- [86] 2009-05-14 (PCT/US2009/043980)
- [87] (WO2009/140514)
- [30] US (12/122,355) 2008-05-16

[11] **2,724,617**  
[13] C

- [51] Int.Cl. G06G 7/00 (2006.01) G06F 9/44 (2006.01) G06F 17/10 (2006.01) G06F 17/13 (2006.01) G06G 7/18 (2006.01)
- [25] EN
- [54] **SYSTEMS, METHODS, AND APPARATUS FOR CALIBRATING, CONTROLLING, AND OPERATING A QUANTUM PROCESSOR**
- [54] **SYSTEMES, PROCEDES ET APPAREIL POUR ETALONNER, COMMANDER ET ACTIONNER UN PROCESSEUR QUANTIQUE**
- [72] BERKLEY, ANDREW J., CA
- [72] AMIN, MOHAMMAD, CA
- [72] HARRIS, RICHARD G., CA
- [73] D-WAVE SYSTEMS, INC., CA
- [85] 2010-11-12
- [86] 2009-05-19 (PCT/US2009/044537)
- [87] (WO2009/143166)
- [30] US (61/054,740) 2008-05-20
- [30] US (61/092,665) 2008-08-28
- [30] US (61/094,002) 2008-09-03
- [30] US (61/100,582) 2008-09-26

[11] **2,724,740**  
[13] C

- [51] Int.Cl. A61K 31/513 (2006.01) A61K 9/22 (2006.01) A61K 38/50 (2006.01) A61K 47/30 (2006.01) A61P 31/10 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] **FORMULATIONS OF 5-FLUOROCYTOSINE AND USES THEREOF**
- [54] **FORMULATIONS DE 5-FLUOROCYTOSINE ET LEURS UTILISATIONS**
- [72] GRUBER, HARRY E., US
- [72] JOLLY, DOUGLAS, US
- [72] OLMSTEAD, KAY, US
- [73] TOCAGEN INC., US
- [85] 2010-11-17
- [86] 2009-06-30 (PCT/US2009/049322)
- [87] (WO2010/002937)
- [30] US (61/077,142) 2008-06-30

[11] **2,725,214**  
[13] C

- [51] Int.Cl. F24C 7/00 (2006.01)
- [25] EN
- [54] **FLAME EFFECT GENERATOR**
- [54] **GENERATEUR D'EFFETS DE FLAMMES**
- [72] BETZ, MARTIN, IE
- [72] O'NEILL, NOEL, IE
- [72] FISCHER, WOLFRAM, IE
- [72] MURRAY, GARETH, IE
- [73] BASIC HOLDINGS, IE
- [85] 2010-11-22
- [86] 2009-05-22 (PCT/EP2009/056254)
- [87] (WO2009/141442)
- [30] GB (0809322.1) 2008-05-22

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,726,003**

[13] C

- [51] Int.Cl. C01B 33/03 (2006.01) C01B 33/037 (2006.01)
  - [25] EN
  - [54] HALIDE-CONTAINING SILICON, METHOD FOR PRODUCING THE SAME, AND USE OF THE SAME
  - [54] SILICIUM A BASE D'HALOGENURE, PROCEDE POUR LE PRODUIRE ET UTILISATION DUDIT SILICIUM
  - [72] MOHSSENI-ALA, SEYED-JAVAD, DE
  - [72] BAUCH, CHRISTIAN, DE
  - [72] GEBEL, THORALF, DE
  - [72] DELTSCHEW, RUMEN, DE
  - [72] LIPPOLD, GERD, DE
  - [72] AUNER, NORBERT, DE
  - [73] NAGARJUNA FERTILIZERS AND CHEMICALS LIMITED, IN
  - [85] 2010-11-26
  - [86] 2009-05-27 (PCT/DE2009/000728)
  - [87] (WO2009/143825)
  - [30] DE (10 2008 025 263.8) 2008-05-27
  - [30] DE (10 2008 025 264.6) 2008-05-27
- 

**[11] 2,726,460**

[13] C

- [51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/502 (2006.01) A61K 31/5025 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61K 31/5415 (2006.01) A61K 31/549 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) C07D 487/04 (2006.01)
- [25] EN
- [54] NOVEL PHENYL-IMIDAZOPYRIDINES AND PYRIDAZINES
- [54] NOUVELLES PHENYL-IMIDAZOPYRIDINES ET PYRIDAZINES
- [72] DEWDNEY, NOLAN JAMES, US
- [72] LOU, YAN, US
- [72] SJOGREN, ERIC BRIAN, US
- [72] SOTH, MICHAEL, US
- [73] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2010-11-30
- [86] 2009-07-06 (PCT/EP2009/058484)
- [87] (WO2010/006947)
- [30] US (61/080,865) 2008-07-15

---

**[11] 2,726,643**

[13] C

- [51] Int.Cl. F41H 5/04 (2006.01)
  - [25] FR
  - [54] FLOOR PROTECTION DEVICE FOR THE CABIN OF A MOTOR VEHICLE
  - [54] DISPOSITIF DE PROTECTION DE PLANCHER POUR UNE CABINE DE VEHICULE
  - [72] BETTENCOURT, BENOIT, FR
  - [72] JACQUEMONT, JACKY, FR
  - [72] NOEL, CHRISTIAN, FR
  - [72] POIRMEUR, XAVIER, FR
  - [73] NEXTER SYSTEMS, FR
  - [85] 2010-12-01
  - [86] 2009-06-10 (PCT/FR2009/000684)
  - [87] (WO2009/153442)
  - [30] FR (08.03278) 2008-06-12
- 

**[11] 2,726,672**

[13] C

- [51] Int.Cl. A01N 43/40 (2006.01) A01N 25/02 (2006.01) A01N 37/22 (2006.01) A01N 37/26 (2006.01) A01N 37/40 (2006.01) A01N 41/06 (2006.01) A01N 41/10 (2006.01) A01N 43/10 (2006.01) A01N 43/64 (2006.01) A01N 43/70 (2006.01) A01N 47/36 (2006.01) A01N 57/20 (2006.01) A01P 13/02 (2006.01)

- [25] EN
- [54] HERBICIDE COMPOSITION
- [54] COMPOSITION HERBICIDE
- [72] FOWLER, JEFFREY DAVID, US
- [72] HALL, GAVIN JOHN, GB
- [72] FORMSTONE, CARL ANDREW, GB
- [72] HAAS, STEFAN MICHAEL, GB
- [73] SYNGENTA PARTICIPATIONS AG, CH
- [85] 2010-12-01
- [86] 2009-06-08 (PCT/GB2009/001426)
- [87] (WO2010/001084)
- [30] GB (0810554.6) 2008-06-09

---

**[11] 2,728,123**

[13] C

- [51] Int.Cl. C07D 217/24 (2006.01) A61K 31/472 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01) A61P 37/00 (2006.01) C07D 493/08 (2006.01) C07D 495/08 (2006.01)
  - [25] EN
  - [54] BI- AND POLYCYCLIC SUBSTITUTED ISOQUINOLINE AND ISOQUINOLINONE DERIVATIVES
  - [54] DERIVES BICYCLIQUES ET POLYCYCLIQUES D'ISOQUINOLINE ET D'ISOQUINOLINONE SUBSTITUES
  - [72] PLETTBURG, OLIVER, DE
  - [72] LORENZ, KATRIN, DE
  - [72] LOEHN, MATTHIAS, DE
  - [72] DUCLOS, OLIVIER, FR
  - [72] BISCARRAT, SANDRINE, FR
  - [73] SANOFI-AVENTIS, FR
  - [85] 2010-12-15
  - [86] 2009-06-18 (PCT/EP2009/004393)
  - [87] (WO2009/156092)
  - [30] EP (08290607.4) 2008-06-24
- 

**[11] 2,728,132**

[13] C

- [51] Int.Cl. G06F 17/00 (2006.01)
- [25] EN
- [54] DATA QUALITY TRACKING BY DETERMINING METRIC VALUES FOR CHILD NODES AND A PARENT NODE
- [54] SUIVI DE LA QUALITE DE DONNEES EN DETERMINANT DES VALEURS METRIQUES POUR DES NOEUDS ENFANTS ET UN NOEUD PARENT
- [72] WALD, DAVID, US
- [72] WAKELING, TIM, US
- [72] KHAN, MUHAMMAD ARSHAD, US
- [73] AB INITIO TECHNOLOGY LLC, US
- [85] 2010-12-15
- [86] 2009-06-18 (PCT/US2009/047735)
- [87] (WO2009/155392)
- [30] US (12/143,362) 2008-06-20

**Canadian Patents Issued  
February 21, 2017**

---

**[11] 2,728,749**

[13] C

- [51] Int.Cl. B07C 5/34 (2006.01) B07B 13/00 (2006.01) B07C 5/344 (2006.01) G01N 22/00 (2006.01)
  - [25] EN
  - [54] SORTING MINED MATERIAL
  - [54] TRI DE MATIERE MINIERE
  - [72] HARDING, DAMIEN, AU
  - [72] WELLWOOD, GRANT, AU
  - [73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
  - [85] 2010-12-21
  - [86] 2009-09-11 (PCT/AU2009/001200)
  - [87] (WO2010/028447)
  - [30] AU (2008904740) 2008-09-11
- 

**[11] 2,729,305**

[13] C

- [51] Int.Cl. G01F 1/69 (2006.01) A24B 15/22 (2006.01) A24F 47/00 (2006.01)
  - [25] EN
  - [54] A FLOW SENSOR SYSTEM
  - [54] SYSTEME DETECTEUR D'ECOULEMENT
  - [72] FLICK, JEAN-MARC, CH
  - [73] PHILIP MORRIS PRODUCTS S.A., CH
  - [85] 2010-12-23
  - [86] 2009-05-25 (PCT/EP2009/003668)
  - [87] (WO2010/003480)
  - [30] EP (08252328.3) 2008-07-08
- 

**[11] 2,730,163**

[13] C

- [51] Int.Cl. B25B 27/02 (2006.01) B60R 13/02 (2006.01)
- [25] EN
- [54] DIRECT DRIVE VARIABLE CRIMP ON FLANGE TOOL
- [54] OUTIL DE SERTISSAGE DE REBORD VARIABLE A ENTRAINEMENT DIRECT
- [72] MUXLOW, FRED HENRY, CA
- [72] MARCHAND, DAVID CHRISTOPHER, CA
- [73] MAGNA INTERNATIONAL INC., CA
- [85] 2011-01-07
- [86] 2009-06-25 (PCT/CA2009/000887)
- [87] (WO2010/003221)
- [30] US (61/134,195) 2008-07-08

**[11] 2,731,638**

[13] C

- [51] Int.Cl. A61M 25/00 (2006.01) A61M 1/14 (2006.01)
  - [25] EN
  - [54] CATHETER DEVICE
  - [54] DISPOSITIF DE CATHETER
  - [72] RAVENSCROFT, ADRIAN, US
  - [73] PHASE ONE MEDICAL LLC, US
  - [85] 2011-01-20
  - [86] 2009-07-28 (PCT/US2009/051902)
  - [87] (WO2010/014569)
  - [30] US (12/181,965) 2008-07-29
- 

**[11] 2,731,986**

[13] C

- [51] Int.Cl. G01N 3/12 (2006.01)
  - [25] FR
  - [54] TEST MACHINE FOR APPLYING UNIFORM INTERNAL PRESSURE ON A TUBE
  - [54] MACHINE D'ESSAI POUR APPLIQUER UNE PRESSION INTERNE UNIFORME A UN TUBE
  - [72] RIGAUD, PIERRE, FR
  - [73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
  - [85] 2011-01-21
  - [86] 2009-08-06 (PCT/EP2009/060210)
  - [87] (WO2010/015677)
  - [30] FR (0855495) 2008-08-08
- 

**[11] 2,733,963**

[13] C

- [51] Int.Cl. A61K 9/107 (2006.01)
- [25] EN
- [54] ENCAPSULATION OF LIPOPHILIC OR AMPHIPHILIC THERAPEUTIC AGENTS IN NANO-EMULSIONS
- [54] ENCAPSULATION D'AGENTS THERAPEUTIQUES LIPOPHILES OU AMPHIPHILES DANS DES NANOEMULSIONS
- [72] MOURIER-ROBERT, VERONIQUE, FR
- [72] BIBETTE, JEROME, FR
- [72] GOUTAYER, MATHIEU, FR
- [72] NAVARRO Y GARCIA, FABRICE, FR
- [72] TEXIER-NOGUES, ISABELLE, FR
- [73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
- [85] 2011-02-11
- [86] 2009-08-14 (PCT/EP2009/060539)
- [87] (WO2010/018223)
- [30] FR (08/55589) 2008-08-14

**[11] 2,735,224**

[13] C

- [51] Int.Cl. B60P 7/08 (2006.01) B61D 45/00 (2006.01)
  - [25] EN
  - [54] TRAILER LOAD SECUREMENT SYSTEM
  - [54] SYSTEME PERMETTANT D'ASSUJETTIR UNE CHARGE A UNE REMORQUE
  - [72] ADAMS, JAMES H., US
  - [73] FONTAINE COMMERCIAL TRAILER, INC., US
  - [85] 2011-02-24
  - [86] 2009-08-24 (PCT/US2009/054783)
  - [87] (WO2010/025111)
  - [30] US (12/197,788) 2008-08-25
- 

**[11] 2,735,255**

[13] C

- [51] Int.Cl. C08F 36/22 (2006.01) C08L 47/00 (2006.01) C09J 147/00 (2006.01)
  - [25] EN
  - [54] ADHESIVE COMPOSITIONS COMPRISING A POLYFARNESENE
  - [54] COMPOSITIONS ADHESIVES COMPRENANT UN POLYFARNESENE
  - [72] MCPHEE, DEREK JAMES, US
  - [72] GRAHAM, MATTHEW J., US
  - [73] AMYRIS, INC., US
  - [85] 2011-02-25
  - [86] 2009-09-03 (PCT/US2009/004958)
  - [87] (WO2010/027463)
  - [30] US (61/094,059) 2008-09-04
  - [30] US (61/220,591) 2009-06-26
- 

**[11] 2,736,949**

[13] C

- [51] Int.Cl. G01V 99/00 (2009.01) G07C 1/10 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR DETECTING ACTIVITIES
- [54] SYSTEMES ET PROCEDES DE DETECTION D'ACTIVITES
- [72] TESSIER, PAUL, US
- [73] CONSORTIUM P, INC., US
- [85] 2011-03-10
- [86] 2009-01-21 (PCT/US2009/031615)
- [87] (WO2009/092117)
- [30] US (61/011,649) 2008-01-18

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,736,977**

[13] C

- [51] Int.Cl. B60L 5/00 (2006.01) B60L 9/08 (2006.01) B60M 7/00 (2006.01)  
 [25] EN  
 [54] PRODUCING ELECTROMAGNETIC FIELDS FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE  
 [54] PRODUCTION DE CHAMPS ELECTROMAGNETIQUES POUR LE TRANSFERT D'ENERGIE ELECTRIQUE A UN VEHICULE  
 [72] VOLLENWYDER, KURT, CA  
 [72] MEINS, JUEGEN, DE  
 [73] BOMBARDIER TRANSPORTATION GMBH, DE  
 [85] 2011-03-11  
 [86] 2009-09-17 (PCT/EP2009/006928)  
 [87] (WO2010/031593)  
 [30] GB (0817311.4) 2008-09-19

[11] **2,737,076**

[13] C

- [51] Int.Cl. B60L 5/00 (2006.01) B60L 9/08 (2006.01) B60M 7/00 (2006.01)  
 [25] EN  
 [54] INDUCTIVELY RECEIVING ELECTRIC ENERGY FOR A VEHICLE  
 [54] RECEPTION D'ENERGIE ELECTRIQUE PAR INDUCTION POUR VEHICULE  
 [72] MEINS, JUERGEN, DE  
 [72] STRUVE, CARSTEN, DE  
 [72] VOLLENWYDER, KURT, CA  
 [73] BOMBARDIER TRANSPORTATION GMBH, DE  
 [85] 2011-03-11  
 [86] 2009-09-17 (PCT/EP2009/006930)  
 [87] (WO2010/031595)  
 [30] GB (0817310.6) 2008-09-19

[11] **2,737,147**

[13] C

- [51] Int.Cl. A61F 13/51 (2006.01) A61F 13/56 (2006.01)  
 [25] EN  
 [54] DIAPERS HAVING A ZONED NON-ATTACHABLE BACK SHEET AND METHODS OF MANUFACTURING SAME  
 [54] COUCHES-CULOTTES DOTEES D'UNE FEUILLE POSTERIEURE NON-FIXABLE A ZONES, ET PROCEDES DE FABRICATION DE CELLES-CI  
 [72] YAO, MIN, US  
 [72] LOVE, DANIEL B., US  
 [73] MEDLINE INDUSTRIES, INC., US  
 [85] 2011-03-14  
 [86] 2009-09-18 (PCT/US2009/057502)  
 [87] (WO2010/033821)  
 [30] US (12/233,249) 2008-09-18

[11] **2,737,320**

[13] C

- [51] Int.Cl. A01K 97/04 (2006.01) A01K 69/06 (2006.01)  
 [25] EN  
 [54] DEVICE FOR TIMED RELEASE OF BAIT  
 [54] DISPOSITIF DE LIBERATION TEMPORISEE D'UN APPAT  
 [72] STUART, VINCENT JOSEPH, CA  
 [72] D'ENTREMONT, MATTHEW IVAN, CA  
 [73] CLARE MACHINE WORKS LTD., CA  
 [86] (2737320)  
 [87] (2737320)  
 [22] 2011-04-14

[11] **2,737,399**

[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01)  
 [25] EN  
 [54] INHALABLE PARTICLES COMPRISING TIOTROPIUM  
 [54] PARTICULES INHALABLES CONTENANT DU TIOTROPIUM  
 [72] AMIGHI, KARIM, BE  
 [72] SERENO GUERRA, ANTONIO, BE  
 [73] LABORATORIOS LICONSA, S.A., ES  
 [85] 2011-03-15  
 [86] 2009-10-02 (PCT/EP2009/062821)  
 [87] (WO2010/037845)  
 [30] EP (08382040.7) 2008-10-02  
 [30] US (61/104,113) 2008-10-09

[11] **2,738,127**

[13] C

- [51] Int.Cl. C07C 309/15 (2006.01) A61K 31/185 (2006.01)  
 [25] EN  
 [54] NOVEL CRYSTAL FORM OF CALCIUM 3-ACETYLAMINOPROPANE-1-SULFONATE  
 [54] NOUVELLE FORME CRISTALLINE DE CALCIUM-3-ACETYLAMINOPROPANE-1-SULFONATE  
 [72] ERNST, ANTJE, DE  
 [72] KUEHN, CLEMENS, DE  
 [72] BARTELS, MATTHIAS, DE  
 [72] SAAL, CHRISTOPH, DE  
 [72] BOSC, NATHALIE, FR  
 [73] MERCK PATENT GMBH, DE  
 [85] 2011-03-22  
 [86] 2009-08-25 (PCT/EP2009/006150)  
 [87] (WO2010/034384)  
 [30] DE (10 2008 048 791.0) 2008-09-24

[11] **2,738,217**

[13] C

- [51] Int.Cl. A23C 19/06 (2006.01) A01J 25/00 (2006.01) A23C 19/032 (2006.01) A23C 19/082 (2006.01)  
 [25] FR  
 [54] METHOD AND EQUIPMENT FOR PREPARING CHEESE OR A CHEESE PRODUCT  
 [54] PROCEDE ET INSTALLATION DE PREPARATION D'UN FROMAGE OU D'UNE SPECIALITE FROMAGERE  
 [72] COULON, FLORENCE, FR  
 [72] BEUDON, DIDIER, FR  
 [72] RUSSO, PAUL, DE  
 [73] BONGRAIN SA, FR  
 [85] 2011-03-23  
 [86] 2009-09-08 (PCT/FR2009/001070)  
 [87] (WO2010/034895)  
 [30] FR (08 05246) 2008-09-24

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,739,146**

[13] C

- [51] Int.Cl. B65G 27/24 (2006.01) B65G 47/14 (2006.01)  
[25] EN  
[54] FEEDER FOR ROBOTS,  
AUTOMATION MEANS AND THE  
LIKE  
[54] DISPOSITIF D'ALIMENTATION  
POUR ROBOTS, MOYENS  
D'AUTOMATISATION ET  
AUTRES  
[72] MAZZINI, MARCO, IT  
[73] ARS S.R.L., IT  
[85] 2011-03-31  
[86] 2009-10-05 (PCT/EP2009/062917)  
[87] (WO2010/040722)  
[30] IT (AR2008A000032) 2008-10-06
- 

[11] **2,739,745**

[13] C

- [51] Int.Cl. B01D 39/20 (2006.01)  
[25] EN  
[54] CARBON BLOCK FILTER  
[54] FILTRE A BLOC DE CHARBON  
[72] DAVE, PARTHIV RIPUDAMAN, IN  
[72] MUKHERJEE, DEBASIS, IN  
[72] SRIVASTAVA, MADALASA, IN  
[73] UNILEVER PLC, GB  
[85] 2011-04-05  
[86] 2009-09-21 (PCT/EP2009/062183)  
[87] (WO2010/043472)  
[30] IN (2233/MUM/2008) 2008-10-17
- 

[11] **2,740,933**

[13] C

- [51] Int.Cl. H04N 7/173 (2011.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
PROVIDING A NETWORK LINK  
BETWEEN BROADCAST  
CONTENT AND CONTENT  
LOCATED ON A COMPUTER  
NETWORK  
[54] SYSTEMES ET METHODES DE  
FOURNITURE D'UN LIEN DE  
RESEAU ENTRE UN CONTENU  
DIFFUSE ET UN CONTENU SITUÉ  
SUR UN RESEAU  
INFORMATIQUE  
[72] KOKERNAK, MICHAEL, US  
[72] NOLAND, MADELEINE, US  
[72] CAMPBELL, COLIN, US  
[72] BECHTEL, GORDON, US  
[73] RAKUTEN, INC., JP  
[85] 2011-04-15  
[86] 2009-10-22 (PCT/US2009/061648)  
[87] (WO2010/048382)  
[30] US (12/288,672) 2008-10-22
- 

[11] **2,741,079**

[13] C

- [51] Int.Cl. G01V 7/00 (2006.01)  
[25] EN  
[54] GRAVITY GRADIOMETER WITH  
TORSION FLEXURE PIVOTS  
[54] GRADIOMETRE DE GRAVITE  
DOTE DE PIVOTS DE FLEXION-  
TORSION  
[72] MOODY, MARTIN VOL, US  
[73] MOODY, MARTIN VOL, US  
[85] 2011-04-18  
[86] 2009-10-23 (PCT/US2009/061848)  
[87] (WO2010/048508)  
[30] US (61/108,262) 2008-10-24
- 

[11] **2,741,083**

[13] C

- [51] Int.Cl. H04M 11/06 (2006.01) H04L 12/28 (2006.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR  
SERVICE-BASED REGULATION  
OF TRAFFIC FLOW TO  
CUSTOMER PREMISES DEVICES  
[54] PROCEDE ET SYSTEME DE  
REGULATION BASEE SUR UN  
SERVICE DE FLUX DE TRAFIC  
VERS DES DISPOSITIFS DE  
LOCAUX D'ABONNES  
[72] ARIS, AZRIN, MY  
[72] RAMLI, SITI SAWIAH, MY  
[72] CHIA, CHING KING, MY  
[72] AHSAN@MISKAM, NURUL  
SHUHADA, MY  
[72] YUSOF, ROHAYU, MY  
[72] YEAP, TET HIN, CA  
[73] TELEKOM MALAYSIA BERHAD,  
MY  
[85] 2011-04-18  
[86] 2009-06-26 (PCT/MY2009/000079)  
[87] (WO2010/151099)
- 

[11] **2,741,326**

[13] C

- [51] Int.Cl. E04G 9/10 (2006.01)  
[25] EN  
[54] FORMLINER AND METHOD OF  
USE  
[54] REVETEMENT DE MOULE ET  
PROCEDE D'UTILISATION  
[72] FITZGERALD, EDWARD DANIEL,  
US  
[72] SHEEHAN, BRIAN EUGENE, US  
[73] PRIME FORMING &  
CONSTRUCTION SUPPLIES, INC.,  
DBA FITZGERALD FORMLINERS,  
US  
[85] 2011-04-20  
[86] 2009-09-25 (PCT/US2009/058489)  
[87] (WO2010/036971)  
[30] US (12/238,294) 2008-09-25  
[30] US (12/406,896) 2009-03-18
- 

[11] **2,741,411**

[13] C

- [51] Int.Cl. B65H 39/02 (2006.01) B65H 29/04 (2006.01)  
[25] EN  
[54] A DEVICE AND METHOD FOR  
COLLATING TWO-  
DIMENSIONAL OBJECTS  
[54] DISPOSITIF ET PROCEDE POUR  
ASSEMBLER DES OBJETS PLATS  
[72] STAUBER, HANS ULRICH, CH  
[73] FERAG AG, CH  
[85] 2011-04-21  
[86] 2009-11-02 (PCT/CH2009/000346)  
[87] (WO2010/051651)  
[30] CH (1724/08) 2008-11-04
-

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,741,573**  
[13] C

- [51] Int.Cl. A61F 2/18 (2006.01) A61F 11/04 (2006.01)
- [25] EN
- [54] INCUS REPLACEMENT PARTIAL OSSICULAR REPLACEMENT PROSTHESIS
- [54] PROTHESE OSSICULAIRE PARTIELLE SERVANT AU REMplacement DE L'ENCLUME
- [72] BALL, GEOFFREY R., AT
- [72] SANTEK, MICHAEL, AT
- [72] LENARZ, THOMAS, DE
- [73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
- [85] 2011-05-17
- [86] 2011-01-19 (PCT/US2011/021637)
- [87] (WO2011/090974)
- [30] US (61/296,928) 2010-01-21
- [30] US (61/365,824) 2010-07-20

[11] **2,741,636**  
[13] C

- [51] Int.Cl. C07C 51/265 (2006.01) C07C 63/15 (2006.01) C07C 63/26 (2006.01)
- [25] EN
- [54] DICARBOXYLIC ACID PRODUCTION WITH ENHANCED ENERGY RECOVERY
- [54] PRODUCTION D'ACIDE DICARBOXYLIQUE A RECUPERATION D'ENERGIE AMELIOREE
- [72] FOGLE, RAYMOND ELBERT, III, US
- [72] SHEPPARD, RONALD BUFORD, US
- [72] UPSHAW, TIMOTHY ALAN, US
- [72] WONDERS, ALAN GEORGE, US
- [73] GRUPO PETROTEMEX, S.A. DE C.V., MX
- [85] 2011-04-26
- [86] 2009-10-22 (PCT/US2009/005764)
- [87] (WO2010/062316)
- [30] US (61/110,248) 2008-10-31
- [30] US (12/556,107) 2009-09-09

[11] **2,742,691**  
[13] C

- [51] Int.Cl. E02B 15/04 (2006.01) B01D 17/02 (2006.01) B63B 35/32 (2006.01)
- [25] EN
- [54] APPARATUS AND METHOD FOR PICKING UP PARTICLES FROM THE SURFACE OF A WATER SYSTEM
- [54] DISPOSITIF ET PROCEDE DE CAPTURE DE PARTICULES D'UNE SURFACE D'EAU
- [72] CLAUSS, GUENTHER, DE
- [72] SPRENGER, FLORIAN, DE
- [73] TECHNISCHE UNIVERSITAET BERLIN, DE
- [85] 2011-05-03
- [86] 2009-11-03 (PCT/DE2009/001526)
- [87] (WO2010/060405)
- [30] DE (10 2008 055 633.5) 2008-11-03

[11] **2,743,976**  
[13] C

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/5517 (2006.01) A61P 5/24 (2006.01)
- [25] EN
- [54] ARYLCYCLOHEXYLELTERS OF DIHYDROTETRAAZABENZOAZULENES FOR USE AS VASOPRESSIN VIA RECEPTOR ANTAGONISTS
- [54] ARYLCYCLOHEXYLELTERS DE DIHYDROTETRAZABENZOAZULENES POUR EMPLOI EN TANT QU'ANTAGONISTES DU RECEPTEUR V1A DE LA VASOPRESSINE
- [72] SCHNIDER, PATRICK, CH
- [73] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2011-05-17
- [86] 2009-11-18 (PCT/EP2009/065354)
- [87] (WO2010/060836)
- [30] EP (08170188.0) 2008-11-28

[11] **2,744,410**  
[13] C

- [51] Int.Cl. C12Q 1/68 (2006.01) C07K 14/115 (2006.01)
- [25] FR
- [54] MUTANT PROTEINS OF THE F PROTEIN OF PIV-5 AND PIV-2
- [54] PROTEINES MUTANTES DE LA PROTEINE F DE PIV-5 ET DE PIV-2
- [72] ROSA CALATRAVA MANUEL MELCHIOR, JEAN-PIERRE, FR
- [72] TERRIER, OLIVIER, FR
- [72] DURUPT, FRANCOIS EDOUARD JULIEN, FR
- [73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
- [73] UNIVERSITE CLAUDE BERNARD DE LYON 1, FR
- [73] LES HOSPICES CIVILS DE LYON, FR
- [85] 2011-05-20
- [86] 2009-11-17 (PCT/FR2009/001318)
- [87] (WO2010/058100)
- [30] FR (08/06547) 2008-11-21

[11] **2,744,420**  
[13] C

- [51] Int.Cl. G01F 1/74 (2006.01) G01F 15/02 (2006.01)
- [25] EN
- [54] A METHOD AND APPARATUS FOR WET GAS FLOW MEASUREMENTS AND MEASUREMENT OF GAS PROPERTIES
- [54] PROCEDE ET APPAREIL DE MESURE DE FLUX DE GAZ HUMIDE, ET MESURE DE PROPRIETES GAZEUSES
- [72] WEE, ARNSTEIN, NO
- [72] SKJAELDAL, INGVE MORTEN, NO
- [73] FMC KONGSBERG SUBSEA AS, NO
- [85] 2011-05-20
- [86] 2009-12-14 (PCT/NO2009/000432)
- [87] (WO2010/068118)
- [30] NO (20085198) 2008-12-12

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,744,896**

[13] C

- [51] Int.Cl. B29C 70/24 (2006.01) B29D 99/00 (2010.01) D03D 25/00 (2006.01) F01D 5/28 (2006.01)
- [25] EN
- [54] COMPOSITE MATERIAL TURBOMACHINE ENGINE VANE AND METHOD FOR MANUFACTURING SAME
- [54] AUBE DE TURBOMACHINE EN MATERIAU COMPOSITE ET PROCEDE POUR SA FABRICATION
- [72] COUPE, DOMINIQUE, FR
- [72] ROUSSILLE, CLEMENT, FR
- [72] GOERING, JONATHAN, US
- [72] MATEO, JULIEN, FR
- [72] EBERLING-FUX, NICOLAS, FR
- [72] RENON, GUILLAUME, FR
- [73] SNECMA, FR
- [73] HERAKLES, FR
- [85] 2011-05-26
- [86] 2009-11-26 (PCT/FR2009/052309)
- [87] (WO2010/061140)
- [30] FR (0858090) 2008-11-28

---

[11] **2,745,016**

[13] C

- [51] Int.Cl. A61B 18/20 (2006.01)
- [25] EN
- [54] NON-CONTACT HANDPIECE FOR LASER TISSUE CUTTING
- [54] PIECE A MAIN SANS CONTACT POUR LA DECOUPE LASER DE TISSUS
- [72] BOUTOUSSOV, DMITRI, US
- [72] ANDRIASYAN, MANVEL, US
- [73] BIOLASE, INC., US
- [85] 2011-05-27
- [86] 2009-11-25 (PCT/US2009/065950)
- [87] (WO2010/062969)
- [30] US (61/118,609) 2008-11-29
- [30] US (61/156,440) 2009-02-27

---

[11] **2,745,253**

[13] C

- [51] Int.Cl. H04L 27/36 (2006.01)
- [25] EN
- [54] CORRECTION OF QUADRATURE ERRORS
- [54] CORRECTION D'ERREURS DE QUADRATURE
- [72] ROW, PAUL MURRAY, GB
- [72] DAVIES, DORIAN THOMAS CHARLES, GB
- [73] APPLE INC., US
- [85] 2011-05-31
- [86] 2009-12-01 (PCT/EP2009/066175)
- [87] (WO2010/063736)
- [30] US (12/325,831) 2008-12-01

---

[11] **2,745,443**

[13] C

- [51] Int.Cl. A61K 47/60 (2017.01)
- [25] EN
- [54] MONO- AND DI-PEG IL-10 PRODUCTION; AND USES
- [54] PRODUCTION D'IL-10 MONO- ET DI-PEGYLE ET SES UTILISATIONS
- [72] BLAISDELL, STEVEN J., US
- [72] CUTLER, COLLETTE M., US
- [72] PAPORELLO, BRITTANY C., US
- [72] AMBROGELLY, ALEXANDRE, US
- [73] MERCK SHARP & DOHME CORP., US
- [85] 2011-06-01
- [86] 2009-12-15 (PCT/US2009/068012)
- [87] (WO2010/077853)
- [30] US (61/138,421) 2008-12-17
- [30] US (61/245,182) 2009-09-23

---

[11] **2,745,560**

[13] C

- [51] Int.Cl. B01D 46/24 (2006.01) B01D 46/00 (2006.01)
- [25] EN
- [54] FILTER ELEMENT AND COMPRESSED AIR FILTER FOR SEPARATING FOREIGN MATTER FROM A COMPRESSED AIR STREAM
- [54] ELEMENT FILTRANT ET FILTRE A AIR COMPRIME POUR SEPARER DES SUBSTANCES ETRANGERES SE TROUVANT DANS UN COURANT D'AIR COMPRIME
- [72] FOERSTER, ANDREAS, DE
- [72] FISCHER, NORBERT, DE
- [72] FEISTHAUER, MICHAEL, DE
- [73] KAESER KOMPRESSOREN SE, DE
- [85] 2011-06-02
- [86] 2009-12-18 (PCT/EP2009/067529)
- [87] (WO2010/070102)
- [30] DE (102008054878.2) 2008-12-18

---

[11] **2,747,690**

[13] C

- [51] Int.Cl. B64C 1/26 (2006.01)
- [25] EN
- [54] STRUCTURE OF THE LOAD INTRODUCTION ZONE IN THE REAR END OF AN AIRCRAFT
- [54] STRUCTURE DE LA ZONE D'INTRODUCTION DE CHARGES DANS LE FUSELAGE ARRIERE D'UN AERONEF
- [72] AREVALO RODRIGUEZ, ELENA, ES
- [72] CRUZ DOMINGUEZ, FRANCISCO JOSE, ES
- [72] ARIZA MARTIN, MANUEL, ES
- [73] AIRBUS OPERATIONS, S.L., ES
- [85] 2011-06-17
- [86] 2009-12-18 (PCT/ES2009/070608)
- [87] (WO2010/070184)
- [30] ES (P200803604) 2008-12-18

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,747,828**

[13] C

- [51] Int.Cl. B65D 83/42 (2006.01) B65B 3/04 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR REFILLING CONSUMER PACKAGING
  - [54] SYSTEME ET PROCEDE DE RECHARGE D'UN EMBALLAGE POUR DES PRODUITS DE CONSOMMATION
  - [72] LEVENSTEIN, LAWRENCE M., US
  - [72] WILLIAMS, ERIC A., US
  - [72] THIBODEAU, ROBERT D., US
  - [73] C.H. & I. TECHNOLOGIES, INC., US
  - [85] 2011-06-20
  - [86] 2009-12-23 (PCT/US2009/069479)
  - [87] (WO2010/075557)
  - [30] US (61/140,178) 2008-12-23
  - [30] US (61/261,102) 2009-11-13
- 

**[11] 2,747,856**

[13] C

- [51] Int.Cl. B42D 25/342 (2014.01) B42D 25/29 (2014.01) B42D 25/351 (2014.01) B44F 1/10 (2006.01)
  - [25] FR
  - [54] SECURITY DOCUMENT COMPRISING AT LEAST ONE COMBINED IMAGE AND A REVELATION MEANS, AND ASSOCIATED METHOD
  - [54] DOCUMENT DE SECURITE COMPORTEANT AU MOINS UNE IMAGE COMBINEE ET UN MOYEN DE REVELATION, ET PROCEDE ASSOCIE
  - [72] ROSSET, HENRI, FR
  - [73] ARJOWIGGINS SECURITY, FR
  - [85] 2011-06-20
  - [86] 2009-12-23 (PCT/IB2009/055934)
  - [87] (WO2010/073225)
  - [30] FR (08 59017) 2008-12-23
- 

**[11] 2,748,610**

[13] C

- [51] Int.Cl. A47J 43/25 (2006.01)
  - [25] EN
  - [54] OFFSET BLADE GRATER
  - [54] RAPE A LAME DECALEE
  - [72] KENT, JOSEPH, US
  - [73] PROGRESSIVE INTERNATIONAL CORPORATION, US
  - [86] (2748610)
  - [87] (2748610)
  - [22] 2011-08-08
  - [30] US (12/898,580) 2010-10-05
- 

**[11] 2,749,075**

[13] C

- [51] Int.Cl. A61K 35/74 (2015.01) A61P 31/04 (2006.01)
  - [25] EN
  - [54] PHARMACEUTICAL COMPOSITION TO PROTECT AN ANIMAL AGAINST A DISORDER ARISING FROM AN INFECTION WITH A BACTERIUM THAT BELONGS TO THE GROUP OF NOCARDIOFORM ACTINOMYCETES
  - [54] COMPOSITION PHARMACEUTIQUE DESTINEE A PROTEGER UN ANIMAL CONTRE UN TROUBLE CAUSE PAR UNE INFECTION PAR UNE BACTERIE APPARTENANT AU GROUPE DES ACTINOMYCETES NOCARDIOFORMES
  - [72] JACOBS, ANTONIUS ARNOLDUS CHRISTIAAN, NL
  - [72] VAN DER GEIZE, ROBERT, NL
  - [72] DIJKHUIZEN, LUBBERT, NL
  - [73] INTERVET INTERNATIONAL B.V., NL
  - [85] 2011-07-06
  - [86] 2010-01-11 (PCT/EP2010/050196)
  - [87] (WO2010/079224)
  - [30] US (61/143,869) 2009-01-12
  - [30] EP (09150379.7) 2009-01-12
- 

**[11] 2,749,464**

[13] C

- [51] Int.Cl. E04F 15/04 (2006.01) E04F 15/02 (2006.01)
  - [25] EN
  - [54] MECHANICAL LOCKINGS OF FLOOR PANELS AND A TONGUE BLANK
  - [54] VERROUILLAGES MECANIQUES DE PANNEAUX DE PLANCHER ET DECOUPE DE LANGUETTES
  - [72] PERVAN, DARKO, SE
  - [72] BOO, CHRISTIAN, SE
  - [73] VALINGE INNOVATION AB, SE
  - [85] 2011-07-12
  - [86] 2009-11-02 (PCT/SE2009/051238)
  - [87] (WO2010/087752)
  - [30] SE (PCT/SE2009/050103) 2009-01-30
  - [30] SE (0900580-2) 2009-04-29
- 

**[11] 2,750,194**

[13] C

- [51] Int.Cl. A01C 1/06 (2006.01) A01N 25/00 (2006.01) A01N 51/00 (2006.01) A01P 7/04 (2006.01)
  - [25] EN
  - [54] SEED COATING MATERIAL COMPRISING INORGANIC MINERAL POWDER AND THERMOSETTING RESIN POWDER
  - [54] MATERIAU D'ENVELOPPE DE SEMENCE RENFERMANT UNE POUDRE MINERALE INORGANIQUE ET UNE POUDRE DE RESINE THERMODURCISSABLE
  - [72] TERADA, TAKATOSHI, JP
  - [72] TAGAMI, MANABU, JP
  - [72] SATO, TAKASHI, JP
  - [72] IWATA, ATSUSHI, JP
  - [72] YOKOCHI, TARO, JP
  - [72] KOBAYASHI, YASUSHI, JP
  - [73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
  - [85] 2011-07-12
  - [86] 2010-01-21 (PCT/JP2010/051067)
  - [87] (WO2010/087380)
  - [30] JP (2009-019324) 2009-01-30
- 

**[11] 2,750,642**

[13] C

- [51] Int.Cl. G06K 7/00 (2006.01)
- [25] EN
- [54] CARD READER
- [54] LECTEUR DE CARTE
- [72] BUSCH-SORENSEN, THOMAS, US
- [73] CUBIC CORPORATION, US
- [85] 2011-07-27
- [86] 2010-01-25 (PCT/US2010/021939)
- [87] (WO2010/088174)
- [30] US (61/147,951) 2009-01-28
- [30] US (12/483,110) 2009-06-11

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,750,877**  
[13] C

- [51] Int.Cl. A61K 33/34 (2006.01)
  - [25] EN
  - [54] COMPOSITION COMPRISING EGG WHITE-COMBINED CHALCANHITE FOR PREVENTING OR TREATING CANCER
  - [54] COMPOSITION RENFERMANT DE LA CHALCANHITE COMBINEE AVEC DU BLANC D'OEUF DESTINEE A PREVENIR OU TRAITER LE CANCER
  - [72] CHOI, EUN A, KR
  - [73] CHOI, EUN A, KR
  - [85] 2011-06-27
  - [86] 2009-08-12 (PCT/KR2009/004508)
  - [87] (WO2010/076937)
  - [30] KR (10-2008-0136873) 2008-12-30
- 

[11] **2,751,738**  
[13] C

- [51] Int.Cl. H02J 7/00 (2006.01) F16B 1/00 (2006.01)
- [25] EN
- [54] ATTACHMENT ARRANGEMENT
- [54] DISPOSITIF DE FIXATION
- [72] BLACK, DONALD, GB
- [72] MCKEOWN, JOHN PAUL, GB
- [72] BUCKINGHAM, MARK-PAUL, GB
- [73] REACTEC LIMITED, GB
- [85] 2011-08-05
- [86] 2009-02-03 (PCT/GB2009/050100)
- [87] (WO2009/098504)
- [30] GB (0802380.6) 2008-02-08
- [30] GB (0814950.2) 2008-08-15

[11] **2,753,341**  
[13] C

- [51] Int.Cl. C07D 401/10 (2006.01) A61K 31/4412 (2006.01) A61K 31/444 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01)
- [25] EN
- [54] INHIBITORS OF BRUTON'S TYROSINE KINASE
- [54] INHIBITEURS DE LA TYROSINE KINASE DE BRUTON
- [72] BERTHEL, STEVEN JOSEPH, US
- [72] FIROOZNIA, FARIBORZ, US
- [72] FISHLOCK, DANIEL, US
- [72] HONG, JUN-BAE, US
- [72] LOU, YAN, US
- [72] LUCAS, MATTHEW C., US
- [72] OWENS, THIMOTHY D., US
- [72] SARMA, KESHAB, US
- [72] SWEENEY, ZACHARY KEVIN, US
- [72] TAYGERLY, JOSHUA PAUL GERGELY, US
- [73] F.HOFFMANN-LA ROCHE AG, CH
- [85] 2011-08-23
- [86] 2010-02-25 (PCT/EP2010/052394)
- [87] (WO2010/100070)
- [30] US (61/209,021) 2009-03-02
- [30] US (61/300,064) 2010-02-01

[11] **2,755,166**  
[13] C

- [51] Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)
- [25] EN
- [54] A DEVICE FOR STRETCHING AN ELASTIC RING
- [54] DISPOSITIF PERMETTANT D'ETIRER UN ANNEAU ELASTIQUE
- [72] BASTIA, FILIPPO, IT
- [73] THD S.P.A., IT
- [85] 2011-09-09
- [86] 2010-03-04 (PCT/IB2010/050932)
- [87] (WO2010/103434)
- [30] IT (RE2009A000023) 2009-03-12

[11] **2,755,606**  
[13] C

- [51] Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) F01K 23/10 (2006.01) F02C 3/34 (2006.01) F02C 6/00 (2006.01) F23J 15/00 (2006.01)
- [25] EN
- [54] COMBINED CYCLE PLANT INCLUDING CHILLED AMMONIA BASED CO<sub>2</sub> CAPTURE UNIT AND UTILIZING SYSTEM PRODUCED NITRIC ACID
- [54] USINE A CYCLE COMBINE COMPRENANT UNE UNITE DE CAPTURE DE CO<sub>2</sub> A BASE D'AMMONIAC REFROIDI ET UTILISANT DE L'ACIDE CITRIQUE PRODUIT PAR UN SYSTEME
- [72] BENZ, ERIBERT, CH
- [72] AGOSTINELLI, GIAN-LUIGI, CH
- [72] BRAUTSCH, ANDREAS, CH
- [72] KAEFER, GISBERT WOLFGANG, CH
- [72] GUTH, FELIX, CH
- [73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
- [86] (2755606)
- [87] (2755606)
- [22] 2011-10-17
- [30] EP (10188046.6) 2010-10-19

[11] **2,755,654**  
[13] C

- [51] Int.Cl. A45D 8/40 (2006.01)
- [25] EN
- [54] METHOD FOR PRODUCING HOODS AND ARRANGEMENT OF A PLURALITY OF HOODS
- [54] PROCEDE DE FABRICATION DE COIFFES ET ENSEMBLE CONSTITUE DE PLUSIEURS COIFFES
- [72] DIETZE, MATTHIAS, DE
- [73] SOLIDA AG, CH
- [85] 2011-09-15
- [86] 2010-03-15 (PCT/EP2010/053263)
- [87] (WO2010/106010)
- [30] DE (10 2009 013 192.2) 2009-03-17

Brevets canadiens délivrés  
21 février 2017

---

[11] 2,758,558

[13] C

- [51] Int.Cl. E21B 43/40 (2006.01) E21B  
43/30 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
DUAL REINJECTION  
[54] SYSTEMES ET PROCEDES POUR  
UNE DOUBLE REINJECTION  
[72] TROSHKO, ANDREY A., US  
[72] LEONARDI, SERGIO A., US  
[72] YALE, DAVID P., US  
[73] EXXONMOBIL UPSTREAM  
RESEARCH COMPANY, US  
[86] (2758558)  
[87] (2758558)  
[22] 2011-11-17  
[30] US (61/424,468) 2010-12-17
- 

[11] 2,759,002

[13] C

- [51] Int.Cl. A61G 1/06 (2006.01) A61G  
3/00 (2006.01)  
[25] EN  
[54] ARRANGEMENT FOR  
MOUNTING A SUPPORT BASE ON  
A WALL  
[54] AGENCEMENT POUR MONTER  
UNE BASE DE SUPPORT SUR UN  
MUR  
[72] VUORENOJA, ARI-MATTI, FI  
[73] FRESTEMS OY, FI  
[85] 2011-10-17  
[86] 2009-10-16 (PCT/FI2009/000090)  
[87] (WO2010/043753)  
[30] FI (20080580) 2008-10-17
- 

[11] 2,759,006

[13] C

- [51] Int.Cl. B01J 31/26 (2006.01) B01J  
23/888 (2006.01) B01J 35/10 (2006.01)  
B01J 37/20 (2006.01) C07F 19/00  
(2006.01)  
[25] EN  
[54] HYDROCONVERSION MULTI-  
METALLIC CATALYST AND  
METHOD FOR MAKING  
THEREOF  
[54] CATALYSEUR  
D'HYDROCONVERSION MULTI-  
METALLIQUE ET SON PROCEDE  
DE FABRICATION  
[72] KUPERMAN, ALEXANDER E., US  
[72] MAESEN, THEODORUS, US  
[72] DYKSTRA, DENNIS, US  
[72] UCKUNG, SOY, US  
[72] FONG, DARREN, US  
[73] CHEVRON U.S.A. INC., US  
[85] 2011-10-17  
[86] 2010-04-08 (PCT/US2010/030326)  
[87] (WO2010/126689)  
[30] US (12/432,730) 2009-04-29  
[30] US (12/432,728) 2009-04-29  
[30] US (12/432,727) 2009-04-29  
[30] US (12/432,723) 2009-04-29  
[30] US (12/432,721) 2009-04-29  
[30] US (12/432,719) 2009-04-29
- 

[11] 2,760,857

[13] C

- [51] Int.Cl. E21B 34/06 (2006.01) E21B  
17/14 (2006.01)  
[25] EN  
[54] MULTI-PURPOSE FLOAT  
EQUIPMENT AND METHOD  
[54] EQUIPEMENT FLOTTANT  
POLYVALENT ET PROCEDE  
ASSOCIE  
[72] MUSSELWHITE, JEFFREY D., US  
[72] EHLINGER, JEFFRY C., US  
[72] ALLAMON, JERRY P., US  
[72] MILLER, JACK E., US  
[73] FORUM US, INC., US  
[86] (2760857)  
[87] (2760857)  
[22] 2001-03-12  
[62] 2,403,174  
[30] US (09/524,117) 2000-03-13
- 

[11] 2,761,795

[13] C

- [51] Int.Cl. A61K 9/20 (2006.01) A61K  
31/192 (2006.01)  
[25] EN  
[54] BURST DRUG RELEASE  
COMPOSITIONS  
[54] COMPOSITIONS A LIBERATION  
DE MEDICAMENT EN RAFALE  
[72] KINTER, KEVIN, US  
[72] RAMSEY, PETER, US  
[73] WYETH LLC, US  
[85] 2011-11-10  
[86] 2010-05-13 (PCT/US2010/034660)  
[87] (WO2010/132635)  
[30] US (61/177,943) 2009-05-13
- 

[11] 2,763,288

[13] C

- [51] Int.Cl. F03D 7/04 (2006.01) F03D 9/25  
(2016.01)  
[25] EN  
[54] WIND TURBINE PROVIDING  
GRID SUPPORT  
[54] EOLIENNE A VITESSE VARIABLE  
D'ASSISTANCE AU RESEAU  
ELECTRIQUE  
[72] TARNOWSKI, GERMAN CLAUDIO,  
DK  
[73] VESTAS WIND SYSTEMS A/S, DK  
[85] 2011-11-23  
[86] 2010-06-25 (PCT/EP2010/003903)  
[87] (WO2011/000531)  
[30] EP (09163969.0) 2009-06-29  
[30] US (61/221,134) 2009-06-29
- 

[11] 2,764,783

[13] C

- [51] Int.Cl. G01S 13/78 (2006.01) G01S  
7/00 (2006.01) G01S 13/87 (2006.01)  
[25] EN  
[54] SECONDARY SURVEILLANCE  
RADAR SYSTEM FOR AIR  
TRAFFIC CONTROL  
[54] SYSTEME DE RADAR  
SECONDAIRE DE  
SURVEILLANCE POUR  
CONTROLE DU TRAFIC AERIEN  
[72] PAWLITZKI, ALEXANDER, DE  
[73] THALES DEUTSCHLAND GMBH,  
DE  
[85] 2011-12-07  
[86] 2010-06-10 (PCT/EP2010/058165)  
[87] (WO2010/142768)  
[30] EP (09007741.3) 2009-06-12

**Canadian Patents Issued**  
**February 21, 2017**

---

**[11] 2,764,824**  
[13] C

- [51] Int.Cl. G09G 5/00 (2006.01) G06Q 30/02 (2012.01) G06F 3/14 (2006.01)
  - [25] EN
  - [54] ELECTRONIC PAPER DISPLAY DEVICE EVENT TRACKING
  - [54] SUIVI D'EVENEMENTS DE DISPOSITIF D'AFFICHAGE SUR PAPIER ELECTRONIQUE
  - [72] LE CHEVALIER, VINCENT, US
  - [72] RIVLIN, JOHN, US
  - [72] DUGA, BRADY, US
  - [72] CONBOY, GARTH, US
  - [72] LESHNER, WILLIAM, US
  - [72] RICHARDS, RUZE, US
  - [72] ROJAS, EMILIO, US
  - [73] GOOGLE INC., US
  - [85] 2011-12-07
  - [86] 2010-06-07 (PCT/US2010/037628)
  - [87] (WO2010/144364)
  - [30] US (12/481,306) 2009-06-09
- 

**[11] 2,764,882**  
[13] C

- [51] Int.Cl. C08L 77/06 (2006.01) C08G 69/26 (2006.01) C08K 5/18 (2006.01) C08K 5/36 (2006.01) F16L 11/04 (2006.01)
  - [25] EN
  - [54] POLYAMIDE RESIN COMPOSITION AND MOLDED PRODUCT
  - [54] COMPOSITION DE RESINE DE POLYAMIDE ET PRODUIT MOULE
  - [72] MITADERA, JUN, JP
  - [72] KUROKAWA, MASASHI, JP
  - [73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
  - [85] 2011-12-08
  - [86] 2010-06-09 (PCT/JP2010/059794)
  - [87] (WO2010/143668)
  - [30] JP (2009-138490) 2009-06-09
- 

**[11] 2,764,949**  
[13] C

- [51] Int.Cl. A47J 31/36 (2006.01)
  - [25] EN
  - [54] CAPSULE, SYSTEM AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE SUITABLE FOR CONSUMPTION
  - [54] CAPSULE, SYSTEME ET PROCEDE DE PREPARATION DE QUANTITE PREESTABLIE DE BOISSON APPROPRIEE A LA CONSOMMATION
  - [72] KAMERBEEK, RALF, NL
  - [72] FLAMAND, JOHN HENRI, NL
  - [72] POST VAN LOON, ANGENITA DOROTHEA, NL
  - [72] KOELING, HENDRIK CORNELIS, NL
  - [72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
  - [73] KONINKLIJKE DOUWE EGBERTS B.V., NL
  - [85] 2011-12-08
  - [86] 2009-12-30 (PCT/NL2009/050822)
  - [87] (WO2010/137954)
  - [30] EP (09162895.8) 2009-06-17
  - [30] EP (09162914.7) 2009-06-17
  - [30] EP (09162931.1) 2009-06-17
  - [30] EP (09163310.7) 2009-06-19
  - [30] EP (09167851.6) 2009-08-13
  - [30] EP (09170590.5) 2009-09-17
- 

**[11] 2,766,895**  
[13] C

- [51] Int.Cl. F16K 15/03 (2006.01) B64D 33/00 (2006.01) F16K 37/00 (2006.01)
  - [25] EN
  - [54] AIRCRAFT FLUID CHECK VALVE ASSEMBLY WITH INDEXING
  - [54] ENSEMBLE CLAPET DE NON-RETOUR DE FLUIDE D'AERONEF AVEC INDEXAGE
  - [72] MURRAY, JONATHAN DAVID, US
  - [73] EATON CORPORATION, US
  - [85] 2011-12-28
  - [86] 2010-06-30 (PCT/US2010/040603)
  - [87] (WO2011/002886)
  - [30] US (61/221,951) 2009-06-30
- 

**[11] 2,767,886**  
[13] C

- [51] Int.Cl. A63C 9/20 (2012.01)
  - [25] EN
  - [54] LOCKING MECHANISM FOR SKI BINDING
  - [54] MECANISME DE VERROUILLAGE POUR FIXATION DE SKI
  - [72] WOLLO, EVEN, NO
  - [72] PETTERSEN, AKSEL, NO
  - [72] HOLM, THOMAS, NO
  - [72] SVENSEN, OYVAR, NO
  - [73] ROTTEFELLA AS, NO
  - [85] 2012-01-12
  - [86] 2009-08-04 (PCT/EP2009/060103)
  - [87] (WO2011/015234)
- 

**[11] 2,768,670**  
[13] C

- [51] Int.Cl. F16K 31/163 (2006.01) F15B 15/06 (2006.01) F15B 15/22 (2006.01)
- [25] EN
- [54] ROTARY VALVE ACTUATORS HAVING PARTIAL STROKE DAMPING APPARATUS
- [54] ACTIONNEURS DE SOUPAPE ROTATIVE AYANT UN APPAREIL D'AMORTISSEMENT SUR UNE COURSE PARTIELLE
- [72] TER HORST, GERARD, NL
- [72] VAN DORP, ERWIN, DE
- [73] EMERSON PROCESS MANAGEMENT VALVE AUTOMATION, INC., US
- [85] 2012-01-19
- [86] 2010-08-30 (PCT/US2010/047151)
- [87] (WO2011/028663)
- [30] US (12/552,814) 2009-09-02

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,769,525**  
[13] C

- [51] Int.Cl. A61K 38/08 (2006.01) A61P 3/14 (2006.01) A61P 5/00 (2006.01) A61P 5/20 (2006.01) C07K 7/06 (2006.01)  
[25] EN  
[54] THERAPEUTIC AGENTS FOR REDUCING PARATHYROID HORMONE LEVELS  
[54] AGENTS THERAPEUTIQUES POUR REDUIRE LES NIVEAUX D'HORMONE PARATHYROIDIENNE  
[72] KARIM, FELIX, US  
[72] BARUCH, AMOS, US  
[72] MACLEAN, DEREK, US  
[72] DAS, KANAD, US  
[72] YIN, QUN, US  
[73] KAI PHARMACEUTICALS, INC., US  
[85] 2012-01-27  
[86] 2010-07-29 (PCT/US2010/043792)  
[87] (WO2011/014707)  
[30] US (61/229,695) 2009-07-29  
[30] US (61/255,816) 2009-10-28  
[30] US (61/313,635) 2010-03-12
- 

**[11] 2,769,778**  
[13] C

- [51] Int.Cl. B23P 13/02 (2006.01) B23P 15/00 (2006.01) B23C 3/18 (2006.01) B24C 1/04 (2006.01)  
[25] FR  
[54] OPTIMIZED METHOD FOR MANUFACTURING A ONE-PIECE BLADED DISC BY ABRASIVE WATER JET  
[54] PROCEDE OPTIMISE DE FABRICATION D'UN DISQUE AUBAGE MONOBLOC PAR JET D'EAU ABRASIF  
[72] DE LA RUPELLE, PERRINE, FR  
[72] BERLANGER, SERGE, FR  
[73] SNECMA, FR  
[85] 2012-01-31  
[86] 2010-08-05 (PCT/EP2010/061422)  
[87] (WO2011/015626)  
[30] FR (09 55575) 2009-08-07

---

**[11] 2,769,880**  
[13] C

- [51] Int.Cl. H04Q 9/00 (2006.01) G06F 3/041 (2006.01) H04N 5/44 (2011.01)  
[25] EN  
[54] VIDEO SYSTEM AND REMOTE CONTROL WITH TOUCH INTERFACE FOR SUPPLEMENTAL CONTENT DISPLAY  
[54] SYSTEME VIDEO ET COMMANDE A DISTANCE AVEC INTERFACE TACTILE POUR L'AFFICHAGE D'UN CONTENU SUPPLEMENTAIRE  
[72] COOKE, BENJAMIN T., US  
[72] NGUYEN, VINCENT DUNG, US  
[73] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2012-02-01  
[86] 2010-08-03 (PCT/US2010/044283)  
[87] (WO2011/017349)  
[30] US (12/535,224) 2009-08-04
- 

**[11] 2,770,293**  
[13] C

- [51] Int.Cl. E21B 47/00 (2012.01) E21B 47/01 (2012.01) E21B 47/06 (2012.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR MONITORING A WELL  
[54] SYSTEMES ET PROCEDES DE CONTROLE DE PUITS  
[72] DRIA, DENNIS EDWARD, US  
[72] PEARCE, JEREMIAH GLEN, US  
[72] RAMBOW, FREDERICK HENRY, US  
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2012-02-03  
[86] 2010-08-04 (PCT/US2010/044384)  
[87] (WO2011/017416)  
[30] US (61/231,437) 2009-08-05

---

**[11] 2,770,323**  
[13] C

- [51] Int.Cl. H04L 25/02 (2006.01) H04W 48/12 (2009.01) H04W 72/04 (2009.01) H04B 1/707 (2011.01)  
[25] EN  
[54] METHODS AND APPARATUS FOR INTERFERENCE DECREASE/CANCELLATION ON DOWNLINK ACQUISITION SIGNALS  
[54] PROCEDES ET APPAREIL POUR LA DIMINUTION/ANNULATION D'INTERFERENCE SUR DES SIGNAUX D'ACQUISITION DE LIAISON DESCENDANTE  
[72] ZHANG, XIAOXIA, US  
[72] MALLADI, DURGA PRASAD, US  
[72] WEI, YONGBIN, US  
[72] LUO, TAO, US  
[72] XU, HAO, US  
[72] DAMNjanovic, Aleksandar, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2012-02-06  
[86] 2010-08-17 (PCT/US2010/045765)  
[87] (WO2011/022404)  
[30] US (61/234,595) 2009-08-17  
[30] US (12/857,195) 2010-08-16
- 

**[11] 2,771,054**  
[13] C

- [51] Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/02 (2006.01)  
[25] FR  
[54] NOVEL PHARMACEUTICAL FORMULATIONS AGAINST DRUG MISUSE  
[54] NOUVELLES FORMULATIONS PHARMACEUTIQUES CONTRE LE MESUSAGE DES MEDICAMENTS  
[72] SUPLIE, PASCAL, FR  
[72] LEBON, CHRISTOPHE, FR  
[73] DEBREGEAS ET ASSOCIES PHARMA, FR  
[85] 2012-02-13  
[86] 2010-08-11 (PCT/FR2010/051697)  
[87] (WO2011/018583)  
[30] FR (0955642) 2009-08-12

**Canadian Patents Issued**  
**February 21, 2017**

---

[11] 2,772,227  
[13] C

- [51] Int.Cl. C04B 41/85 (2006.01) F01D 5/28 (2006.01)
- [25] EN
- [54] COMPONENT FOR A TURBOMACHINE AND METHOD FOR MANUFACTURING SUCH A COMPONENT
- [54] COMPOSANT D'UNE TURBOMACHINE ET METHODE DE FABRICATION D'UN TEL COMPOSANT
- [72] DUVAL, SOPHIE BETTY CLAIRE, CH
- [72] BECKEL, DANIEL, CH
- [72] GRASSO, PIERRO-DANIELE, CH
- [72] STANKOWSKI, ALEXANDER, CH
- [72] SZWEDOWICZ, JAROSLAW LESZEK, CH
- [73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
- [86] (2772227)
- [87] (2772227)
- [22] 2012-03-19
- [30] CH (00604/11) 2011-04-04

[11] 2,774,226  
[13] C

- [51] Int.Cl. B60C 11/12 (2006.01) B60C 11/03 (2006.01)
- [25] FR
- [54] TIRE TREAD HAVING IMPROVED RIGIDITY
- [54] BANDE DE ROULEMENT POUR PNEU DE RIGIDITE AMELIOREE
- [72] AUDIGIER, RICHARD, FR
- [72] ORAISON, STEPHANE, FR
- [72] VANDAELE, MATTHIEU, FR
- [72] DOUET, GILLES, FR
- [73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
- [73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
- [85] 2012-03-14
- [86] 2010-09-28 (PCT/EP2010/064375)
- [87] (WO2011/039194)
- [30] FR (0956752) 2009-09-29

[11] 2,774,797  
[13] C

- [51] Int.Cl. G01F 1/84 (2006.01) G01N 9/00 (2006.01)
- [25] EN
- [54] CORROSION-RESISTANT COATING FOR A VIBRATORY FLOWMETER AND METHOD FOR FORMING THE COATING
- [54] REVETEMENT RESISTANT A LA CORROSION POUR DEBITMETRE VIBRATOIRE ET PROCEDE DE FORMATION DU REVETEMENT
- [72] CASEY, MEGAN, US
- [72] PANKRATZ, ANTHONY WILLIAM, US
- [73] MICRO MOTION, INC., US
- [85] 2012-03-13
- [86] 2009-09-14 (PCT/US2009/056813)
- [87] (WO2011/031270)

[11] 2,777,597  
[13] C

- [51] Int.Cl. A61B 17/86 (2006.01)
- [25] EN
- [54] POROUS BONE SCREW
- [54] VIS POREUSE POUR OS
- [72] HARVEY, EDWARD J., CA
- [72] LEFEBVRE, LOUIS-PHILIPPE, CA
- [72] MARTINEAU, PAUL A., CA
- [73] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY, CA
- [73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
- [85] 2012-04-13
- [86] 2010-10-13 (PCT/CA2010/001645)
- [87] (WO2011/044697)
- [30] US (61/251,085) 2009-10-13

[11] 2,777,645  
[13] C

- [51] Int.Cl. B65D 88/70 (2006.01)
- [25] FR
- [54] APPARATUS INCLUDING AT LEAST ONE REMOTE- CONTROLLED AIR GUN
- [54] INSTALLATION COMPRENANT AU MOINS UN CANON A AIR TELECOMMANDE
- [72] SIMOENS, HERVE, FR
- [73] SOCIETE FINANCIERE DE GESTION, FR
- [85] 2012-04-13
- [86] 2010-10-01 (PCT/FR2010/000653)
- [87] (WO2011/045481)
- [30] FR (09/04929) 2009-10-14
- [30] FR (09/04930) 2009-10-14

[11] 2,780,432  
[13] C

- [51] Int.Cl. C07C 271/28 (2006.01) A61K 31/27 (2006.01) C07C 269/08 (2006.01) A61K 9/20 (2006.01)
- [25] EN
- [54] NOVEL POLYMORPH OF THE HYDROCHLORIDE OF THE (4- HYDROXYCARBAMOYL- PHENYL)-CARBAMIC ACID (6- DIETHYLAMINO METHYL-2- NAPHTHAENYL) ESTER
- [54] NOUVEAU POLYMORphe DU CHLORHYDRATE DE L'ESTER DE (6-DIMETHYLAMINO- METHYL-2-NAPHTALENYLE) DE L'ACIDE (4- HYDROXYCARBAMOYL- PHENYL)-CARBAMIQUE
- [72] TURCHETTA, STEFANO, IT
- [72] ZENONI, MAURIZIO, IT
- [73] CHEMI SPA, IT
- [85] 2012-05-08
- [86] 2010-12-03 (PCT/IB2010/055560)
- [87] (WO2011/092556)
- [30] IT (MI2010A000121) 2010-01-28

[11] 2,780,480  
[13] C

- [51] Int.Cl. C10G 63/04 (2006.01)
- [25] EN
- [54] IMPROVED SELECTIVE CRACKED NAPHTHA DESULFURIZATION USING ARSENIC TRAP CATALYSTS
- [54] PROCEDE POUR EVACUER L'ARSENIC AVEC UN CATALYSEUR DE PIEGEAGE AVANT SA DESULFURATION
- [72] GREELEY, JOHN P., US
- [73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
- [85] 2012-05-09
- [86] 2009-12-01 (PCT/US2009/006320)
- [87] (WO2011/068488)

**Brevets canadiens délivrés  
21 février 2017**

---

|  |
|--|
| [11] <b>2,781,666</b>  |
| [13] C   |
| [51] Int.Cl. C07K 7/64 (2006.01) A61K 38/12 (2006.01) A61P 31/04 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) |
| [25] EN  |
| [54] LIPOPEPTIDE COMPOSITIONS AND RELATED METHODS  |
| [54] COMPOSITIONS DE LIPOPEPTIDES ET PROCEDES APPARENTES   |
| [72] O'CONNOR, SANDRA, US  |
| [72] SUN, SOPHIE, US   |
| [72] NAIK, GAAURI, US  |
| [73] CUBIST PHARMACEUTICALS LLC, CH  |
| [85] 2012-05-22  |
| [86] 2010-11-23 (PCT/US2010/057910)  |
| [87] (WO2011/063419)   |
| [30] US (61/263,784) 2009-11-23  |

---

|                                     |
|-------------------------------------|
| [11] <b>2,781,870</b>               |
| [13] C                              |
| [51] Int.Cl. A61F 9/008 (2006.01)   |
| [25] EN                             |
| [54] MULTI-SPOT LASER PROBE         |
| [54] SONDE LASER A POINTS MULTIPLES |
| [72] SMITH, RONALD T., US           |
| [73] ALCON RESEARCH, LTD., US       |
| [85] 2012-05-24                     |
| [86] 2010-11-15 (PCT/US2010/056703) |
| [87] (WO2011/075256)                |
| [30] US (61/286,579) 2009-12-15     |

---

|  |
|--|
| [11] <b>2,784,150</b>  |
| [13] C   |
| [51] Int.Cl. C23F 1/36 (2006.01) C23G 1/22 (2006.01)   |
| [25] EN  |
| [54] PRETREATMENT PROCESS FOR ALUMINUM AND HIGH ETCH CLEANER USED THEREIN  |
| [54] PROCEDE DE PRETRAITEMENT DE L'ALUMINIUM ET NETTOYANT A HAUT POUVOIR D'ATTAQUE CHIMIQUE, QUI EST UTILISE DANS CE PROCEDE |
| [72] KAPIC, EDIS, US   |
| [72] SIENKOWSKI, MICHAEL, US   |
| [72] GOODREAU, BRUCE H., US  |
| [72] CORNEN, SOPHIE, DE  |
| [73] HENKEL AG & CO. KGAA, DE  |
| [85] 2012-06-12  |
| [86] 2010-12-27 (PCT/US2010/062125)  |
| [87] (WO2011/090692)   |
| [30] US (61/290,279) 2009-12-28  |

---

|  |
|--|
| [11] <b>2,785,377</b>                  |
| [13] C                                 |
| [51] Int.Cl. F01D 5/18 (2006.01)       |
| [25] FR                                |
| [54] INNER VENTILATION BLADE           |
| [54] AUBE A VENTILATION INTERIEURE     |
| [72] BOTREL, ERWAN DANIEL, FR          |
| [72] BOURY, JACQUES AUGUSTE AMEDEE, FR |
| [73] SNECMA, FR                        |
| [85] 2012-06-21                        |
| [86] 2010-12-30 (PCT/EP2010/070933)    |
| [87] (WO2011/080319)                   |
| [30] FR (09 59698) 2009-12-31          |

---

|  |
|--|
| [11] <b>2,786,971</b>  |
| [13] C   |
| [51] Int.Cl. C02F 3/10 (2006.01) C02F 3/12 (2006.01) C12M 1/00 (2006.01)                                     |
| [25] EN  |
| [54] CARRIER INSERT FOR ACCOMMODATING AND MAINTAINING THE BIOFILM CULTURE OF FLUID CLEANING STRUCTURES       |
| [54] INSERT DE SUPPORT POUR RECEVOIR ET CONSERVER LA CULTURE DE BIOFILM DE STRUCTURES DE NETTOYAGE DE FLUIDE |
| [72] KENYERES, ISTVAN, HU  |
| [72] KOVACS, ROBERT, HU  |
| [73] ORGANICA ZARTKOERUEEN MUEKOEDOE RESZVENYTARSASAG (ZRT.), HU   |
| [85] 2012-07-12  |
| [86] 2011-01-13 (PCT/HU2011/000005)  |
| [87] (WO2011/086398)   |
| [30] HU (U1000012) 2010-01-13  |

---

|   |
|---|
| [11] <b>2,788,452</b>   |
| [13] C  |
| [51] Int.Cl. C12N 15/09 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01) |
| [25] EN   |
| [54] METHOD OF MAKING DNA TAG   |
| [54] PROCEDE DE FABRICATION D'UNE ETIQUETTE ADN   |
| [72] SUGAHARA, JUNICHI, JP  |
| [72] SEKIYAMA, KAZUHIDE, JP   |
| [73] SPIBER INC., JP  |
| [85] 2012-07-26   |
| [86] 2009-01-29 (PCT/JP2009/051512)   |
| [87] (WO2010/086990)  |

---

|  |
|--|
| [11] <b>2,789,037</b>                                  |
| [13] C   |
| [51] Int.Cl. C07C 41/09 (2006.01) C07C 43/04 (2006.01) |
| [25] EN  |
| [54] PROCESS FOR THE PREPARATION OF DIMETHYL ETHER     |
| [54] PROCEDE DE PREPARATION D'ETHER DIMETHYLIQUE       |
| [72] JUUL DAHL, PER, DK                                |
| [72] STAHL, HENRIK OTTO, DK                            |
| [73] HALDOR TOPSOEE A/S, DK                            |
| [85] 2012-08-03  |
| [86] 2011-01-11 (PCT/EP2011/000071)                    |
| [87] (WO2011/095270)                                   |
| [30] DK (PA 2010 00096) 2010-02-04                     |

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,789,086**

[13] C

[51] Int.Cl. B23B 31/113 (2006.01)

[25] EN

[54] CUTTING TOOL CLAMPING MECHANISM AND METHOD FOR ASSEMBLING THE SAME  
[54] MECANISME DE SERRAGE D'OUTIL DE COUPE ET PROCEDE POUR SON ASSEMBLAGE

[72] GUY, HANOCHE, IL

[73] ISCAR LTD., IL

[85] 2012-08-06

[86] 2011-01-13 (PCT/IL2011/000040)

[87] (WO2011/095965)

[30] IL (203798) 2010-02-08

---

[11] **2,789,097**

[13] C

[51] Int.Cl. A61B 5/07 (2006.01)

[25] EN

[54] PHARMA-INFORMATICS SYSTEM

[54] SYSTEME PHARMA-INFORMATIQUE

[72] ZDEBLICK, MARK, US

[72] HAFEZI, HOOMAN, US

[72] PIKELNY, ALEKSANDR, US

[72] ROBERTSON, TIMOTHY, US

[73] PROTEUS DIGITAL HEALTH, INC., US

[86] (2789097)

[87] (2789097)

[22] 2006-04-28

[62] 2,608,144

[30] US (60/676,145) 2005-04-28

[30] US (60/694,078) 2005-06-24

[30] US (60/713,680) 2005-09-01

[30] US (60/790,335) 2006-04-07

---

[11] **2,792,723**

[13] C

[51] Int.Cl. G01S 5/02 (2010.01) B61L 25/02 (2006.01) H01Q 21/00 (2006.01)

[25] EN

[54] RF TAG READER FOR ACCURATE POSITION DETERMINATION

[54] LECTEUR D'ETIQUETTES RF POUR DETERMINATION PRECISE DE POSITION

[72] BANTIN, COLIN CHARLES, CA

[73] THALES CANADA INC., CA

[85] 2012-09-10

[86] 2010-03-10 (PCT/IB2010/000508)

[87] (WO2011/110882)

---

[11] **2,792,952**

[13] C

[51] Int.Cl. B25B 5/00 (2006.01)

[25] EN

[54] PIN CLAMP WITH MULTI-THICKNESS CLAMPING FEATURE

[54] PINCE A TIGE PERMETTANT DE PINCER PLUSIEURS EPAISSEURS

[72] MCINTOSH, BRUCE D., US

[73] PHD, INC., US

[86] (2792952)

[87] (2792952)

[22] 2012-10-18

[30] US (61/548448) 2011-10-18

---

[11] **2,793,933**

[13] C

[51] Int.Cl. A61C 8/00 (2006.01) A61L 27/04 (2006.01) A61L 27/14 (2006.01)

[25] EN

[54] A METHOD OF DENTAL IMPLANT RESTORATION

[54] PROCEDE DE RESTAURATION D'UN IMPLANT DENTAIRE

[72] WANG, CHAN Q., US

[73] WANG, CHAN Q., US

[85] 2012-09-20

[86] 2010-03-24 (PCT/US2010/000866)

[87] (WO2011/119131)

---

[11] **2,794,339**

[13] C

[51] Int.Cl. G06F 15/16 (2006.01) G06F 15/163 (2006.01) G06F 15/17 (2006.01)

[25] EN

[54] TRANSFER OF USER DATA BETWEEN LOGICAL DATA SITES

[54] TRANSFERT DE DONNEES D'UTILISATEUR ENTRE DES SITES DE DONNEES LOGIQUES

[72] FLOWERS, JEFFREY C., US

[72] FREIDIN, JONATHAN F., US

[72] GODSAY, CHAITANYA K., US

[73] CARBONITE, INC., US

[85] 2012-09-25

[86] 2010-03-26 (PCT/US2010/028942)

[87] (WO2011/119173)

---

[11] **2,794,372**

[13] C

[51] Int.Cl. C10G 1/04 (2006.01)

[25] EN

[54] OPTIMIZED CAUSTIC CONTROL BASED ON ORE GRADE AND FINES CONTENT FOR BITUMEN EXTRACTION FROM MINED OIL SANDS

[54] CONTROLE DE CAUSTIQUE OPTIMISE FONDÉ SUR LA TENEUR DU MINERAU ET LA TENEUR EN FINES POUR L'EXTRACTION DU BITUME A PARTIR DE SABLES BITUMEUX EXPLOITES

[72] LONG, JUN, CA

[73] SYNCRUE CANADA LTD., CA

[86] (2794372)

[87] (2794372)

[22] 2012-11-02

---

[11] **2,798,340**

[13] C

[51] Int.Cl. H04W 8/22 (2009.01) H04W 8/26 (2009.01) H02J 50/00 (2016.01) H02J 7/00 (2006.01)

[25] EN

[54] SYSTEMS, METHODS, AND APPARATUS TO PREPARE A MOBILE DEVICE FOR PROVISIONING

[54] SYSTEMES, METHODES ET APPAREILS POUR PRÉPARER UN DISPOSITIF MOBILE POUR LA LIVRAISON

[72] BOS, JEFFREY CHARLES, CA

[73] BLACKBERRY LIMITED, CA

[86] (2798340)

[87] (2798340)

[22] 2012-12-10

[30] EP (11193547.4) 2011-12-14

---

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,800,170**

[13] C

- [51] Int.Cl. E21B 44/00 (2006.01) E21B  
7/00 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
DOWNHOLE BHA INSULATION  
IN MAGNETIC RANGING  
APPLICATIONS  
[54] SYSTEMES ET PROCEDES  
D'ISOLATION DE BHA EN FOND  
DE TROU DANS APPLICATIONS  
DE TELEMETRIE MAGNETIQUE  
[72] SNYDER, JOHN K., CA  
[72] FINKE, MICHAEL D., US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[85] 2012-11-20  
[86] 2011-05-20 (PCT/US2011/037429)  
[87] (WO2011/146889)  
[30] US (61/347,161) 2010-05-21
- 

**[11] 2,802,644**

[13] C

- [51] Int.Cl. A61K 31/4427 (2006.01) A61K  
31/4545 (2006.01) A61K 31/47  
(2006.01) A61K 31/496 (2006.01)  
A61P 35/00 (2006.01)  
[25] EN  
[54] ANTITUMOR AGENT USING  
COMPOUNDS HAVING KINASE  
INHIBITORY EFFECT IN  
COMBINATION  
[54] AGENT ANTICANCEREAUX  
UTILISANT DES COMPOSES  
AYANT UN EFFET INHIBITEUR  
DE KINASE EN COMBINAISON  
[72] NAKAGAWA, TAKAYUKI, JP  
[72] MATSUSHIMA, TOMOHIRO, JP  
[72] FUNAHASHI, YASUHIRO, US  
[73] EISAI R & D MANAGEMENT CO.,  
LTD., JP  
[85] 2012-12-13  
[86] 2011-06-23 (PCT/JP2011/064430)  
[87] (WO2011/162343)  
[30] JP (2010-145030) 2010-06-25  
[30] JP (2010-273921) 2010-12-08

---

**[11] 2,802,941**

[13] C

- [51] Int.Cl. C07C 29/151 (2006.01) C01B  
3/02 (2006.01) C01B 3/34 (2006.01)  
C01B 3/38 (2006.01) C01C 1/04  
(2006.01) C07C 1/04 (2006.01) C07C  
1/12 (2006.01) C07C 31/04 (2006.01)  
[25] EN  
[54] CO-PRODUCTION OF  
METHANOL AND AMMONIA  
[54] CO-PRODUCTION DE  
METHANOL ET D'AMMONIAC  
[72] HAN, PAT A., DK  
[73] HALDOR TOPSOE A/S, DK  
[85] 2012-12-17  
[86] 2011-05-13 (PCT/EP2011/002388)  
[87] (WO2011/160745)  
[30] DK (PA 2010 00555) 2010-06-24
- 

**[11] 2,802,985**

[13] C

- [51] Int.Cl. B65D 1/02 (2006.01)  
[25] EN  
[54] OVAL-NECK BOTTLE  
[54] BOUTEILLE A GOULOT OVALE  
[72] REISIG, KARL A., US  
[73] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[85] 2012-12-17  
[86] 2011-06-13 (PCT/US2011/040142)  
[87] (WO2012/003086)  
[30] US (12/827,467) 2010-06-30
- 

**[11] 2,804,461**

[13] C

- [51] Int.Cl. B65D 85/804 (2006.01)  
[25] EN  
[54] FOOD CAPSULE WITH  
SHOWERING MEANS FOR  
DISTRIBUTING FLUID JET  
[54] CAPSULE D'ALIMENT DOTEÉ  
D'UN DISPOSITIF DE DOUCHAGE  
SERVANT A DISTRIBUER UN JET  
DE FLUIDE  
[72] DOLEAC, FREDERIC, FR  
[72] RAEDERER, MARC, CH  
[73] NESTEC S.A., CH  
[85] 2013-01-04  
[86] 2010-10-25 (PCT/EP2010/066067)  
[87] (WO2012/003891)  
[30] EP (10168664.0) 2010-07-07
- 

---

**[11] 2,804,949**

[13] C

- [51] Int.Cl. G09C 5/00 (2006.01)  
[25] EN  
[54] A DEVICE AND METHOD FOR  
OBFUSCATING VISUAL  
INFORMATION  
[54] DISPOSITIF ET PROCEDE  
D'OBSCURCISSEMENT  
D'INFORMATIONS VISUELLES  
[72] YATES, HOWARD J., GB  
[72] BACKHURST, NIGEL, GB  
[73] TENTO TECHNOLOGIES LTD., GB  
[85] 2013-01-10  
[86] 2009-09-17 (PCT/GB2009/002216)  
[87] (WO2011/033246)
- 

**[11] 2,806,746**

[13] C

- [51] Int.Cl. H01J 49/40 (2006.01) H01J  
49/06 (2006.01)  
[25] EN  
[54] METHOD AND A MASS  
SPECTROMETER AND USES  
THEREOF FOR DETECTING IONS  
OR SUBSEQUENTLY-IONISED  
NEUTRAL PARTICLES FROM  
SAMPLES  
[54] PROCEDE ET SPECTROMETRE  
DE MASSE ET APPLICATIONS  
ASSOCIEES POUR LA  
DETECTION D'IONS OU DE  
PARTICULES NEUTRES  
ULTERIEUREMENT IONISEES A  
PARTIR D'ECHANTILLONS  
[72] NIEHUIS, EWALD, DE  
[73] ION-TOF TECHNOLOGIES GMBH,  
DE  
[85] 2013-01-28  
[86] 2011-07-28 (PCT/EP2011/003803)  
[87] (WO2012/013354)  
[30] DE (102010032823.5) 2010-07-30

**Canadian Patents Issued**  
**February 21, 2017**

---

**[11] 2,810,051**

[13] C

- [51] Int.Cl. G08G 1/16 (2006.01) F16P 1/00 (2006.01)  
 [25] EN  
**[54] WORKSITE PROXIMITY WARNING AND COLLISION AVOIDANCE SYSTEM**  
**[54] SYSTEME D'EVITEMENT DE COLLISION ET D'AVERTISSEMENT DE PROXIMITE D'UN CHANTIER**  
 [72] SLACK, JOHN, CA  
 [73] SLACK, JOHN, CA  
 [86] (2810051)  
 [87] (2810051)  
 [22] 2013-03-20
- 

**[11] 2,810,487**

[13] C

- [51] Int.Cl. G01N 29/00 (2006.01) G01N 29/30 (2006.01)  
 [25] EN  
**[54] METHOD AND APPARATUS FOR MEASURING HARDENED SURFACE LAYER**  
**[54] PROCEDE ET DISPOSITIF SERVANT A MESURER UNE COUCHE DURCIE EN SURFACE**  
 [72] YANAGIHARA, ARISA, JP  
 [72] TAGAMI, MINORU, JP  
 [72] WATANABE, KENICHIRO, JP  
 [72] ISHIDA, YOSHINORI, JP  
 [73] IHI CORPORATION, JP  
 [85] 2013-03-05  
 [86] 2011-09-16 (PCT/JP2011/071192)  
 [87] (WO2012/036258)  
 [30] JP (2010-207975) 2010-09-16
- 

**[11] 2,810,671**

[13] C

- [51] Int.Cl. A61M 1/36 (2006.01) A61F 2/06 (2013.01)  
 [25] EN  
**[54] ANASTOMOTIC DEVICES AND METHODS**  
**[54] DISPOSITIFS ANASTOMOTIQUES ET PROCÉDURES**  
 [72] CULLY, EDWARD H., US  
 [72] DUNCAN, JEFFREY B., US  
 [73] W. L. GORE & ASSOCIATES, INC., US  
 [85] 2013-03-06  
 [86] 2011-09-10 (PCT/US2011/051133)  
 [87] (WO2012/034108)  
 [30] US (61/381,655) 2010-09-10  
 [30] US (13/229,540) 2011-09-09
- 

**[11] 2,812,237**

[13] C

- [51] Int.Cl. A63B 23/12 (2006.01) A63B 21/00 (2006.01) A63B 71/00 (2006.01)  
 [25] EN  
**[54] UPPER BODY EXERCISE APPARATUS, METHOD AND SYSTEM**  
**[54] APPAREIL, PROCEDE ET SYSTEME D'EXERCICE DU TORSE**  
 [72] MEININGER, JUSTIN B., US  
 [72] MILLER, STEVEN J., US  
 [73] MEANT-2-MOVE LLC, US  
 [85] 2013-03-21  
 [86] 2012-03-15 (PCT/US2012/029245)  
 [87] (WO2012/125838)  
 [30] US (13/050,927) 2011-03-17  
 [30] US (13/248,018) 2011-09-28  
 [30] US (29/403,519) 2011-10-06
- 

**[11] 2,812,261**

[13] C

- [51] Int.Cl. C07K 5/08 (2006.01) A61K 38/06 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)  
 [25] EN  
**[54] MACROCYCLIC PROLINE DERIVED HCV SERINE PROTEASE INHIBITORS**  
**[54] INHIBITEURS DE LA SERINE PROTEASE DU VHC DERIVÉE DE LA PROLINE MACROCYCLIQUE**  
 [72] OR, YAT SUN, US  
 [72] MA, JUN, US  
 [72] WANG, GUOQIANG, US  
 [72] LONG, JIANG, US  
 [72] WANG, BIN, US  
 [73] ENANTA PHARMACEUTICALS, INC., US  
 [85] 2013-03-21  
 [86] 2011-09-20 (PCT/US2011/052304)  
 [87] (WO2012/040167)  
 [30] US (61/385,058) 2010-09-21  
 [30] US (61/499,994) 2011-06-22  
 [30] US (61/504,616) 2011-07-05

**[11] 2,813,060**

[13] C

- [51] Int.Cl. A61M 5/31 (2006.01)  
 [25] EN  
**[54] FINGER-GRIP DEVICE FOR MEDICAL SYRINGE OR CARTRIDGE**  
**[54] DISPOSITIF DE SERRAGE DIGITAL POUR SERINGUE OU CARTOUCHE MEDICALE**  
 [72] ANELLI, PIER LUCIO, IT  
 [72] MOROSI, PAOLO, IT  
 [72] CITTERIO, MAURO, IT  
 [73] BRACCO IMAGING S.P.A., IT  
 [85] 2013-03-28  
 [86] 2011-09-29 (PCT/EP2011/066958)  
 [87] (WO2012/041946)  
 [30] IT (MI2010A001800) 2010-10-01
- 

**[11] 2,813,083**

[13] C

- [51] Int.Cl. A61N 1/08 (2006.01) A61B 5/04 (2006.01) A61N 1/372 (2006.01)  
 [25] EN  
**[54] SAMPLE AND HOLD CIRCUITRY FOR MONITORING VOLTAGES IN AN IMPLANTABLE NEUROSTIMULATOR**  
**[54] CIRCUIT D'ECHANTILLONNAGE ET DE MAINTIEN POUR SURVEILLANCE DE TENSIONS DANS NEUROSTIMULATEUR IMPLANTABLE**  
 [72] SHI, JESS W., US  
 [72] FELDMAN, EMANUEL, US  
 [72] PARRAMON, JORDI, US  
 [73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US  
 [85] 2013-03-27  
 [86] 2011-10-05 (PCT/US2011/054879)  
 [87] (WO2012/051016)  
 [30] US (61/392,600) 2010-10-13

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,813,790**

[13] C

- [51] Int.Cl. G01R 21/133 (2006.01) G01R 15/18 (2006.01)  
 [25] EN  
 [54] ASYNCHRONOUS AC MEASUREMENT SYSTEM  
 [54] SYSTEME DE MESURE C.A. ASYNCHRONE  
 [72] BARCZYK, TOMASZ, CA  
 [72] MILJANIC, PETAR, YU  
 [72] PAGE, IAIN, CA  
 [73] GUILDLINE INSTRUMENTS LIMITED, CA  
 [86] (2813790)  
 [87] (2813790)  
 [22] 2013-04-17  
 [30] US (61/636,955) 2012-04-23
- 

[11] **2,813,824**

[13] C

- [51] Int.Cl. G01R 31/00 (2006.01)  
 [25] EN  
 [54] TEST DEVICE, TEST SYSTEM AND METHOD FOR TESTING A POWER ENGINEERING TEST OBJECT  
 [54] DISPOSITIF D'ESSAI, SYSTEME D'ESSAI ET PROCEDE D'ESSAI D'UN OBJET D'ESSAI DE GENIE EN MATIERE D'ENERGIE  
 [72] KLAPPER, ULRICH, AT  
 [73] OMICRON ELECTRONICS GMBH, AT  
 [86] (2813824)  
 [87] (2813824)  
 [22] 2013-04-22  
 [30] EP (12 003 838.5) 2012-05-15
- 

[11] **2,813,888**

[13] C

- [51] Int.Cl. B66B 7/06 (2006.01) B23P 6/00 (2006.01) B66B 7/08 (2006.01) B66B 11/08 (2006.01) B66B 19/02 (2006.01)  
 [25] EN  
 [54] METHOD FOR MODERNIZING AN ELEVATOR  
 [54] PROCEDE DE MODERNISATION D'UN ASCENSEUR  
 [72] LECKMAN, RANDY, US  
 [72] BARNEMAN, HAKAN, SE  
 [72] KINNER, IAIN, US  
 [73] KONE CORPORATION, FI  
 [85] 2013-04-05  
 [86] 2011-10-03 (PCT/US2011/054546)  
 [87] (WO2012/050993)  
 [30] US (61/393,501) 2010-10-15  
 [30] US (13/024,930) 2011-02-10
- 

---

[11] **2,813,930**

[13] C

- [51] Int.Cl. H04L 27/26 (2006.01)  
 [25] EN  
 [54] METHOD AND APPARATUS FOR GENERATING CONTROL PACKET  
 [54] PROCEDE ET APPAREIL DESTINES A GENERER UN PAQUET DE COMMANDE  
 [72] JUNG, SOO-YEON, KR  
 [72] KWON, HYUK-CHOON, KR  
 [72] JUN, HAE-YOUNG, KR  
 [72] KIM, HO-DONG, KR  
 [73] SAMSUNG ELECTRONICS CO., LTD., KR  
 [85] 2013-04-05  
 [86] 2011-10-07 (PCT/KR2011/007429)  
 [87] (WO2012/047051)  
 [30] US (61/391,186) 2010-10-08  
 [30] US (61/406,240) 2010-10-25  
 [30] US (61/410,167) 2010-11-04  
 [30] KR (10-2011-0071087) 2011-07-18
- 

[11] **2,814,331**

[13] C

- [51] Int.Cl. B01J 8/00 (2006.01)  
 [25] EN  
 [54] SEPARATOR FOR SEPARATING SOLID PARTICLES FROM A VAPOUR-GAS MIXTURE  
 [54] SEPARATEUR POUR LA SEPARATION DE PARTICULES SOLIDES D'UN MELANGE VAPEUR-GAZ  
 [72] STROEDER, MICHAEL, DE  
 [72] WENDTLAND, CHRISTOPHER, DE  
 [72] ROOS, BERND, DE  
 [72] KAIDALOV, ALEKSANDR, EE  
 [72] KAIDALOV, KIRILL, EE  
 [73] ENEFIT OUTOTEC TECHNOLOGY OU, EE  
 [85] 2013-04-10  
 [86] 2011-11-23 (PCT/EP2011/070732)  
 [87] (WO2012/069501)  
 [30] EP (10192802.6) 2010-11-26

---

[11] **2,816,203**

[13] C

- [51] Int.Cl. A61K 31/496 (2006.01)  
 [25] EN  
 [54] ARIPIPRAZOLE COMPOSITIONS AND METHODS FOR ITS TRANSDERMAL DELIVERY  
 [54] COMPOSITIONS D'ARIPIPRAZOLE ET METHODES POUR LEUR ADMINISTRATION TRANSDERMIQUE  
 [72] PLAKOGIANNIS, FOTIOS M., US  
 [72] HOSSAIN, MUHAMMED ANWAR, US  
 [73] AEQUUS PHARMACEUTICALS INC., CA  
 [85] 2013-04-22  
 [86] 2011-10-20 (PCT/US2011/057080)  
 [87] (WO2012/058091)  
 [30] US (61/407,591) 2010-10-28
- 

[11] **2,816,729**

[13] C

- [51] Int.Cl. A61K 8/46 (2006.01) A61K 8/22 (2006.01) A61Q 5/00 (2006.01) A61Q 5/06 (2006.01)  
 [25] EN  
 [54] METHOD FOR CHEMICALLY MODIFYING THE INTERNAL REGION OF A HAIR SHAFT  
 [54] PROCEDE DE MODIFICATION CHIMIQUE DE LA REGION INTERNE D'UNE TIGE DE CHEVEU  
 [72] FLOHR, ANDREAS, DE  
 [73] THE PROCTER & GAMBLE COMPANY, US  
 [85] 2013-05-01  
 [86] 2012-01-19 (PCT/US2012/021787)  
 [87] (WO2012/100006)  
 [30] EP (11151374.3) 2011-01-19  
 [30] EP (11194638.0) 2011-12-20

**Canadian Patents Issued**  
**February 21, 2017**

---

[11] **2,818,376**

[13] C

- [51] Int.Cl. F24H 3/04 (2006.01) F24H 9/00 (2006.01)  
 [25] EN  
**[54] PASSIVE CONSTANT PRESSURE HATCH FOR FRESH AIR DIRECT FIRED GAS HEATED VENTILATION SYSTEMS**  
**[54] TRAPPE A PRESSION CONSTANTE PASSIVE POUR SYSTEMES DE VENTILATION CHAUFFES AU GAZ A MISE A FEU DIRECTE A AIR FRAIS**  
 [72] COTE, ANTHONY, CA  
 [73] COTE, ANTHONY, CA  
 [86] (2818376)  
 [87] (2818376)  
 [22] 2013-06-17

[11] **2,820,299**

[13] C

- [51] Int.Cl. G09B 29/00 (2006.01) G01C 21/34 (2006.01) G06F 19/00 (2011.01) G09B 29/10 (2006.01) H04L 12/16 (2006.01)  
 [25] EN  
**[54] A DIGITAL MAPPING SYSTEM**  
**[54] SYSTEME DE CARTOGRAPHIQUE NUMERIQUE**  
 [72] RASMUSSEN, LARS EILSTRUP, US  
 [72] RASMUSSEN, JENS EILSTRUP, US  
 [72] TAYLOR, BRET STEVEN, US  
 [72] NORRIS, JAMES CHRISTOPHER, US  
 [72] MA, STEPHEN, AU  
 [72] KIRMSE, ANDREW ROBERT, US  
 [72] GORDON, NOEL PHILIP, AU  
 [72] LAFORGE, SETH MICHAEL, US  
 [73] GOOGLE INC., US  
 [86] (2820299)  
 [87] (2820299)  
 [22] 2005-02-05  
 [62] 2,560,386  
 [30] US (60/555,501) 2004-03-23  
 [30] US (60/567,946) 2004-05-03

[11] **2,820,399**

[13] C

- [51] Int.Cl. H01J 27/02 (2006.01) H01J 49/10 (2006.01)  
 [25] EN  
**[54] ATMOSPHERIC PRESSURE ION SOURCE WITH EXHAUST SYSTEM**  
**[54] SOURCE D'IONS A PRESSION ATMOSPHERIQUE AVEC SYSTEME D'ECHAPPEMENT**  
 [72] YANG, ZICHENG, US  
 [72] MOELLER, ROY P., US  
 [72] ZANON, STEPHEN, US  
 [73] BRUKER DALTONICS, INC., US  
 [86] (2820399)  
 [87] (2820399)  
 [22] 2013-06-21  
 [30] US (13/602,249) 2012-09-03

[11] **2,822,380**

[13] C

- [51] Int.Cl. F03B 17/00 (2006.01) F03B 17/06 (2006.01)  
 [25] EN  
**[54] HORIZONTAL-AXIS HYDROKINETIC WATER TURBINE SYSTEM**  
**[54] SYSTEME DE TURBINE A EAU HYDROCINETIQUE A AXE HORIZONTAL**  
 [72] RAJADHYAKSHA, V. V., US  
 [72] HUFF, ROGER SAM, US  
 [72] CHERIAN, MOOKENCHERIL P., US  
 [73] DLZ CORPORATION, US  
 [85] 2013-06-18  
 [86] 2012-07-26 (PCT/US2012/048351)  
 [87] (WO2013/016543)  
 [30] US (13/191,537) 2011-07-27  
 [30] US (13/558,891) 2012-07-26

[11] **2,822,513**

[13] C

- [51] Int.Cl. B23B 31/117 (2006.01) B23B 51/02 (2006.01)  
 [25] EN  
**[54] CUTTING TOOL**  
**[54] OUTIL DE COUPE**  
 [72] SHITRIT, SHIM'ON, IL  
 [72] GUY, HANOCHE, IL  
 [73] ISCAR LTD., IL  
 [85] 2013-06-20  
 [86] 2011-12-11 (PCT/IL2011/000932)  
 [87] (WO2012/101622)  
 [30] IL (210893) 2011-01-26

[11] **2,822,649**

[13] C

- [51] Int.Cl. C04B 26/00 (2006.01) C04B 26/02 (2006.01) C04B 26/06 (2006.01) C04B 26/10 (2006.01) C04B 26/14 (2006.01) C04B 26/16 (2006.01) C04B 26/18 (2006.01) C04B 26/20 (2006.01) C04B 26/24 (2006.01) C04B 26/30 (2006.01) C04B 28/24 (2006.01)  
 [25] EN  
**[54] TAILINGS STREAM TREATMENT PROCESSES**  
**[54] PROCEDES DE TRAITEMENT D'UN COURANT DE QUEUE**  
 [72] MOFFETT, ROBERT HARVEY, US  
 [72] ANDRIN, PETER, CA  
 [73] E. I. DU PONT DE NEMOURS AND COMPANY, US  
 [85] 2013-06-20  
 [86] 2011-12-21 (PCT/US2011/066462)  
 [87] (WO2012/088262)  
 [30] US (61/425,315) 2010-12-21

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,823,320**

[13] C

- [51] Int.Cl. C10G 55/06 (2006.01) C10G 33/00 (2006.01) C10G 47/02 (2006.01)
- [25] EN
- [54] PROCEDURE FOR THE IMPROVEMENT OF HEAVY AND EXTRA-HEAVY CRUDES
- [54] PROCEDURE VISANT L'AMELIORATION DU PETROLE LOURD ET EXTRA-LOURD
- [72] SCHACHT HERNANDEZ, PERSI, MX
- [72] ORTEGA GARCIA, FELIPE DE JESUS, MX
- [72] DOMINGUEZ ESQUIVEL, JOSE MANUEL, MX
- [72] MAR JUAREZ, ELIZABETH, MX
- [72] RAMIREZ LOPEZ, JESUS RICARDO, MX
- [73] INSTITUTO MEXICANO DEL PETROLEO, MX
- [86] (2823320)
- [87] (2823320)
- [22] 2013-08-13
- [30] MX (MX/A/2012/009647) 2012-08-20
- 

**[11] 2,823,622**

[13] C

- [51] Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 31/22 (2006.01) A61K 47/38 (2006.01)
- [25] EN
- [54] SOLID MOLECULAR DISPERSION OF FESOTERODINE
- [54] DISPERSION MOLECULAIRE SOLIDE DE FESOTERODINE
- [72] BODMEIER, ROLAND, DE
- [72] CARMODY, ALAN FRANCIS, GB
- [72] CIPER, MESUT, DE
- [72] DE PAEPE, ANNE THERESE GUSTAAF, GB
- [72] FEEDER, NEIL, GB
- [72] HEIMLICH, JOHN MARK, GB
- [72] KORBER, MARTIN, DE
- [72] WALTHER, MATHIAS, GB
- [73] PFIZER LIMITED, GB
- [85] 2013-07-02
- [86] 2012-01-17 (PCT/IB2012/050225)
- [87] (WO2012/098499)
- [30] US (61/433,743) 2011-01-18
- 

---

**[11] 2,823,644**

[13] C

- [51] Int.Cl. B60M 1/20 (2006.01)
- [25] EN
- [54] CANTILEVER ASSEMBLY
- [54] ENSEMBLE CANTILEVER
- [72] GRAHAM, GARY, US
- [72] CASEY, MATTHEW, US
- [73] IMPULSE NC LLC, US
- [85] 2013-06-28
- [86] 2012-01-06 (PCT/US2012/020467)
- [87] (WO2012/094584)
- [30] US (12/930,488) 2011-01-07
- 

**[11] 2,824,198**

[13] C

- [51] Int.Cl. F21V 7/09 (2006.01)
- [25] EN
- [54] DUAL REFLECTOR SYSTEM FOR LINEAR LAMP ILLUMINATORS
- [54] SYSTEME DE DOUBLE REFLECTEUR POUR DISPOSITIFS D'ECLAIRAGE A LAMPES LINEAIRES
- [72] GREGORIS, DENNIS, CA
- [73] MACDONALD, DETTWILER AND ASSOCIATES INC., CA
- [85] 2013-07-09
- [86] 2011-10-19 (PCT/CA2011/050659)
- [87] (WO2012/051716)
- [30] US (12/907,685) 2010-10-19
- 

**[11] 2,824,641**

[13] C

- [51] Int.Cl. F41H 5/02 (2006.01)
- [25] FR
- [54] PROTECTIVE SCREEN
- [54] GRILLE DE PROTECTION
- [72] VALLEE, DANIEL, FR
- [72] MALLAT, DIDIER, FR
- [73] NEXTER SYSTEMS, FR
- [85] 2013-07-11
- [86] 2012-01-25 (PCT/FR2012/000032)
- [87] (WO2012/098317)
- [30] FR (11.00191) 2011-01-21
- 

---

**[11] 2,824,905**

[13] C

- [51] Int.Cl. H04B 17/18 (2015.01) H04B 17/17 (2015.01) G01R 27/28 (2006.01) G01R 29/06 (2006.01) H03F 1/32 (2006.01) H03F 3/20 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR DETERMINING THE AMPLITUDE AND/OR PHASE OF THE OUTPUT SIGNAL FOR A TRANSMISSION BODY DEPENDING ON THE AMPLITUDE OF THE INPUT SIGNAL
- [54] PROCEDE ET SYSTEME POUR DETERMINER L'AMPLITUDE OU LA PHASE DU SIGNAL DE SORTIE D'UN CORPS DE TRANSMISSION EN FONCTION DE L'AMPLITUDE DU SIGNAL D'ENTREE
- [72] LORENZEN, ROLF, DE
- [73] ROHDE & SCHWARZ GMBH & CO. KG, DE
- [86] (2824905)
- [87] (2824905)
- [22] 2006-04-12
- [62] 2,596,197
- [30] DE (10 2005 023 112.8) 2005-05-19
- [30] DE (10 2005 037 880.3) 2005-08-10
- 

**[11] 2,825,976**

[13] C

- [51] Int.Cl. G06Q 30/02 (2012.01)
- [25] EN
- [54] SELECTING SOCIAL ENDORSEMENT INFORMATION FOR AN ADVERTISEMENT FOR DISPLAY TO A VIEWING USER
- [54] SELECTION D'INFORMATIONS D'APPROBATION SOCIALE POUR UNE PUBLICITE POUR UN AFFICHAGE A UN UTILISATEUR QUI REGARDE
- [72] SCHOEN, KENT, US
- [73] FACEBOOK, INC., US
- [85] 2013-07-29
- [86] 2012-02-24 (PCT/US2012/026643)
- [87] (WO2012/121908)
- [30] US (13/043,424) 2011-03-08
-

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,826,037**  
[13] C

- [51] Int.Cl. C12P 21/04 (2006.01) C07K 7/54 (2006.01) A61P 31/10 (2006.01)  
[25] EN  
[54] METHOD FOR PREPARING CYCLIC LIPOPEPTIDE COMPOUND  
[54] PROCEDE POUR PREPARER UN COMPOSE LIPOPEPTIDE CYCLIQUE  
[72] LIU, SHIDONG, CN  
[72] ZHANG, ZHAOLI, CN  
[72] CHEN, YI, CN  
[72] WANG, XIUSHENG, CN  
[72] ZHOU, LIANGLIANG, CN  
[72] JI, XIAOMING, CN  
[73] SHANGHAI TECHWELL BIOPHARMACEUTICAL CO., LTD., CN  
[85] 2013-07-30  
[86] 2012-01-31 (PCT/CN2012/070783)  
[87] (WO2012/103800)  
[30] CN (201110034243.3) 2011-01-31
- 

[11] **2,827,410**  
[13] C

- [51] Int.Cl. B64D 11/06 (2006.01) B60N 2/42 (2006.01) B61D 33/00 (2006.01)  
[25] EN  
[54] PLINTH-MOUNTED SEAT ASSEMBLY AND MOUNTING SUB-ASSEMBLIES  
[54] ENSEMBLE SIEGE MONTE SUR PLINTHE ET SOUS-ENSEMBLES DE MONTAGE  
[72] BECHTOLD, DONALD, US  
[72] FRY, TIMOTHY E., US  
[72] PENLEY, JAMES R., US  
[72] NIELD, P.E. GREGORY, US  
[72] PEARCE, MARC F., US  
[73] BE AEROSPACE, INC., US  
[85] 2013-08-14  
[86] 2012-03-14 (PCT/US2012/029019)  
[87] (WO2012/125692)  
[30] US (61/452,788) 2011-03-15
- 

[11] **2,827,888**  
[13] C

- [51] Int.Cl. E21B 34/08 (2006.01) E21B 43/04 (2006.01) E21B 49/00 (2006.01) G09B 9/00 (2006.01)  
[25] EN  
[54] CHECK VALVE ASSEMBLY FOR WELL STIMULATION OPERATIONS  
[54] ENSEMBLE SOUPAPE ANTI-RETOUR POUR OPERATIONS DE STIMULATION DE PUITS  
[72] VEIT, JAN, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-08-20  
[86] 2012-02-17 (PCT/US2012/025650)  
[87] (WO2012/121864)  
[30] US (13/041,611) 2011-03-07
- 

[11] **2,828,051**  
[13] C

- [51] Int.Cl. B03C 3/16 (2006.01)  
[25] EN  
[54] WET ELECTROSTATIC PRECIPITATOR AND RELATED METHODS  
[54] ELECTROFILTRE HUMIDE ET PROCEDES ASSOCIES  
[72] ELLIS, TIMOTHY W., US  
[72] KRIGMONT, HENRY V., US  
[73] RSR TECHNOLOGIES, INC., US  
[85] 2013-08-22  
[86] 2012-03-01 (PCT/US2012/027209)  
[87] (WO2012/118926)  
[30] US (13/037,921) 2011-03-01
- 

[11] **2,828,176**  
[13] C

- [51] Int.Cl. H05H 1/46 (2006.01) A61L 2/20 (2006.01) A61L 9/18 (2006.01) B01J 19/12 (2006.01) F01N 3/08 (2006.01) F02B 23/08 (2006.01) F02M 27/04 (2006.01) F02P 23/04 (2006.01) H01T 13/50 (2006.01)  
[25] EN  
[54] PLASMA EQUIPMENT AND EXHAUST GAS DEGRADATION APPARATUS  
[54] EQUIPEMENT AU PLASMA ET APPAREIL DE DEGRADATION DE GAZ D'ECHAPPEMENT  
[72] IKEDA, YUJI, JP  
[73] IMAGINEERING, INC., JP  
[86] (2828176)  
[87] (2828176)  
[22] 2006-10-04  
[62] 2,625,789  
[30] JP (2006-255109) 2006-09-20
- 

[11] **2,828,477**  
[13] C

- [51] Int.Cl. A61K 38/16 (2006.01) A61K 47/30 (2006.01) C07K 1/14 (2006.01) C07K 1/30 (2006.01) A23J 1/18 (2006.01) C07K 14/39 (2006.01)  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR SEPARATING, CHARACTERIZING AND ADMINISTERING SOLUBLE SELENOGLYCOPROTEINS  
[54] COMPOSITIONS ET PROCEDES DE SEPARATION, CARACTERISATION ET ADMINISTRATION DE SELENOGLYCOPROTEINES SOLUBLES  
[72] KWIATKOWSKI, STEFAN, US  
[72] POWER, RONAN, US  
[72] MATNEY, CLAYTON, US  
[72] GHOROGHCHIAN, PAIMAN P., US  
[72] OSTERTAG, ERIC M., US  
[73] ALLTECH, INC., US  
[85] 2013-08-27  
[86] 2011-09-16 (PCT/US2011/052022)  
[87] (WO2012/128786)  
[30] US (13/051,646) 2011-03-18
- 

[11] **2,828,858**  
[13] C

- [51] Int.Cl. E21B 44/02 (2006.01) E21B 47/125 (2012.01) E21B 47/09 (2012.01)  
[25] EN  
[54] SNEAK PATH ELIMINATOR FOR DIODE MULTIPLEXED CONTROL OF DOWNHOLE WELL TOOLS  
[54] DISPOSITIF D'ELIMINATION DE TRAJETS CACHES POUR COMMANDE MULTIPLEXEE PAR DIODES D'OUTILS DE FOND DE PUITS  
[72] SMITHSON, MITCHELL C., US  
[72] SHAW, JOEL D., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-08-30  
[86] 2012-02-17 (PCT/US2012/025556)  
[87] (WO2013/126039)  
[30] US (13/040,180) 2011-03-03

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,830,607**

[13] C

- [51] Int.Cl. B60P 7/15 (2006.01) B60P 1/00 (2006.01)
  - [25] EN
  - [54] LOAD BEAM ASSEMBLY FOR STORAGE UNIT
  - [54] ENSEMBLE DE POUTRE DE CHARGE POUR UNITE DE STOCKAGE
  - [72] KNOX, HOWARD T., US
  - [73] ANCRA INTERNATIONAL LLC, US
  - [86] (2830607)
  - [87] (2830607)
  - [22] 2013-10-22
  - [30] US (13/658,515) 2012-10-23
- 

[11] **2,830,616**

[13] C

- [51] Int.Cl. A61K 31/352 (2006.01) A61K 31/7048 (2006.01) A61P 1/16 (2006.01) C07D 311/62 (2006.01)
  - [25] EN
  - [54] PHARMACEUTICAL COMPOSITION FOR TREATING HEPATIC DISEASE
  - [54] COMPOSITION PHARMACEUTIQUE SERVANT A TRAITER DES MALADIES HEPATIQUES
  - [72] CHANG, SHAU-FENG, CN
  - [72] MA, CHUN-HSIEN, CN
  - [72] YANG, KUO-YI, CN
  - [72] LIN, SHYH-HORNG, CN
  - [72] LIN, CHIEN-TUNG, CN
  - [72] HUANG, KAI-WEN, CN
  - [73] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TW
  - [85] 2013-09-18
  - [86] 2011-03-22 (PCT/CN2011/072045)
  - [87] (WO2012/126178)
- 

---

[11] **2,831,328**

[13] C

- [51] Int.Cl. A61K 8/87 (2006.01) A61Q 5/06 (2006.01) C08L 75/04 (2006.01) C08L 101/06 (2006.01)
  - [25] EN
  - [54] COSMETIC COMPOSITIONS COMPRISING DIRECTLY CROSSLINKED POLYURETHANES
  - [54] COMPOSITIONS COSMETIQUES COMPRENANT DES POLYURETHANES DIRECTEMENT RETICULES
  - [72] FLOHR, ANDREAS, DE
  - [72] KRIPP, THOMAS, DE
  - [73] THE PROCTER & GAMBLE COMPANY, US
  - [85] 2013-09-24
  - [86] 2012-04-04 (PCT/US2012/032046)
  - [87] (WO2012/138682)
  - [30] EP (11161294.1) 2011-04-06
  - [30] EP (12155566.8) 2012-02-15
- 

[11] **2,831,641**

[13] C

- [51] Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) F21S 4/28 (2016.01)
  - [25] EN
  - [54] LED LIGHTING SYSTEM
  - [54] SYSTEME D'ECLAIRAGE A LED
  - [72] SHAN, XINXIN, CA
  - [73] LED SMART INC., CA
  - [85] 2013-09-27
  - [86] 2012-04-19 (PCT/CA2012/050251)
  - [87] (WO2012/142710)
  - [30] US (61/476,962) 2011-04-19
  - [30] US (13/316,499) 2011-12-10
- 

[11] **2,831,789**

[13] C

- [51] Int.Cl. A63G 31/00 (2006.01) E04H 4/00 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR PROVIDING WATER PARK BEACH VISUAL EFFECTS
  - [54] SYSTEME ET PROCEDE DE FOURNITURE D'EFFETS VISUELS DE PLAGE DE PARC AQUATIQUE
  - [72] OSTERMAN, ROSS ALAN, US
  - [72] SCHWARTZ, JUSTIN MICHAEL, US
  - [73] UNIVERSAL CITY STUDIOS LLC, US
  - [85] 2013-09-27
  - [86] 2012-03-29 (PCT/US2012/031277)
  - [87] (WO2012/138547)
  - [30] US (13/083,280) 2011-04-08
- 

---

[11] **2,833,604**

[13] C

- [51] Int.Cl. G03G 9/08 (2006.01) C01G 23/00 (2006.01)
  - [25] EN
  - [54] TONER ADDITIVES
  - [54] ADDITIFS POUR ENCRE SECHE
  - [72] VEREGIN, RICHARD P N, CA
  - [72] LI, QINGBIN, CA
  - [72] KOVALENKO, ANDRIY, CA
  - [72] GUSAROV, SERGEY, CA
  - [73] XEROX CORPORATION, US
  - [73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
  - [86] (2833604)
  - [87] (2833604)
  - [22] 2013-11-19
  - [30] US (13/705524) 2012-12-05
- 

[11] **2,833,890**

[13] C

- [51] Int.Cl. B22F 3/105 (2006.01)
- [25] EN
- [54] METHOD FOR MANUFACTURING A METALLIC COMPONENT BY ADDITIVE LASER MANUFACTURING
- [54] METHODE DE FABRICATION D'UNE COMPOSANTE METALLIQUE PAR AJOUT D'UNE ETAPE DE FABRICATION AU LASER
- [72] ETTER, THOMAS, CH
- [72] KONTER, MAXIM, CH
- [72] HOEBEL, MATTHIAS, CH
- [72] SCHURB, JULIUS, CH
- [73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
- [86] (2833890)
- [87] (2833890)
- [22] 2013-11-21
- [30] EP (12008074.2) 2012-12-01

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,834,967**  
[13] C

- [51] Int.Cl. C21D 6/00 (2006.01) B62D 29/00 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/38 (2006.01)
- [25] FR
- [54] **METHOD FOR THE PRODUCTION OF MARTENSITIC STEEL HAVING A VERY HIGH YIELD POINT AND SHEET OR PART THUS OBTAINED**
- [54] **PROCEDE DE FABRICATION D'ACIER MARTENSITIQUE A TRES HAUTE LIMITE ELASTIQUE ET TOLE OU PIECE AINSI OBTENUE**
- [72] ZHU, KANGYING, FR
- [72] BOUAZIZ, OLIVIER, FR
- [73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
- [85] 2013-11-01
- [86] 2012-04-20 (PCT/FR2012/000156)
- [87] (WO2012/153013)
- [30] FR (PCT/FR2011/000295) 2011-05-12
- 

[11] **2,836,048**  
[13] C

- [51] Int.Cl. H01L 33/50 (2010.01)
- [25] EN
- [54] **SEMICONDUCTOR NANOPARTICLE-CONTAINING MATERIALS AND LIGHT EMITTING DEVICES INCORPORATING THE SAME**
- [54] **MATERIAUX CONTENANT DES NANOParticules SEMI-CONDUCTRICES ET DISPOSITIFS ELECTROLUMINESCENTS COMPRENANT CEUX-CI**
- [72] HARRIS, JAMES, GB
- [72] NAASANI, IMAD, GB
- [72] PICKETT, NIGEL, GB
- [73] NANOCO TECHNOLOGIES LIMITED, GB
- [85] 2013-11-13
- [86] 2012-05-31 (PCT/GB2012/051217)
- [87] (WO2012/164283)
- [30] GB (1109065.1) 2011-05-31
- 

[11] **2,836,229**  
[13] C

- [51] Int.Cl. A61C 7/12 (2006.01) A61C 7/08 (2006.01) A61C 7/10 (2006.01)
- [25] EN
- [54] **ORTHODONTIC CLASP**
- [54] **CROCHET ORTHODONTIQUE**
- [72] HANG, WILLIAM M., US
- [73] HANG, WILLIAM M., US
- [85] 2013-11-14
- [86] 2010-05-20 (PCT/US2010/035537)
- [87] (WO2011/146062)
- 

[11] **2,836,457**  
[13] C

- [51] Int.Cl. E04F 15/022 (2006.01)
- [25] EN
- [54] **LUXURY VINYL TILE FLOORING SYSTEM**
- [54] **SYSTEME DE PLANCHER A CARREAUX DE LUXE EN VINYLE**
- [72] KEANE, CRAIG PATRICK, US
- [73] KEANE, CRAIG PATRICK, US
- [85] 2013-11-15
- [86] 2012-05-16 (PCT/US2012/038217)
- [87] (WO2012/158846)
- [30] US (61/519,112) 2011-05-16
- [30] US (13/473,530) 2012-05-16
- 

[11] **2,836,731**  
[13] C

- [51] Int.Cl. C08G 63/58 (2006.01) G03G 9/08 (2006.01)
- [25] EN
- [54] **BIO-BASED BRANCHED RESINS FOR TONER**
- [54] **RESINES RAMIFIEES D'ORIGINE BIOLOGIQUE POUR TONER**
- [72] FARRUGIA, VALERIE M., CA
- [72] DUQUE, ROSA M., CA
- [73] XEROX CORPORATION, US
- [86] (2836731)
- [87] (2836731)
- [22] 2013-12-13
- [30] US (13/718424) 2012-12-18
- 

[11] **2,836,751**  
[13] C

- [51] Int.Cl. C09D 11/34 (2014.01) C09D 11/326 (2014.01)
- [25] EN
- [54] **PHASE CHANGE INK COMPOSITION AND PROCESS FOR PREPARING SAME**
- [54] **COMPOSITION D'ENCRE A CHANGEMENT DE PHASE ET PROCEDE DE PREPARATION DE CELLE-CI**
- [72] TOOSI, SALMA FALAH, CA
- [72] BIRAU, MIHAELA MARIA, CA
- [72] ABRAHAM, BIBY ESTHER, CA
- [72] IFTIME, GABRIEL, CA
- [72] MAYO, JAMES D., CA
- [72] ALLEN, C. GEOFFREY, CA
- [73] XEROX CORPORATION, US
- [86] (2836751)
- [87] (2836751)
- [22] 2013-12-13
- [30] US (13/723909) 2012-12-21
- 

[11] **2,836,783**  
[13] C

- [51] Int.Cl. B29C 45/77 (2006.01)
- [25] EN
- [54] **APPARATUS AND METHOD FOR INJECTION MOLDING AT LOW CONSTANT PRESSURE**
- [54] **APPAREIL ET PROCEDE DE MOULAGE PAR INJECTION A BASSE PRESSION CONSTANTE**
- [72] ALTONEN, GENE MICHAEL, US
- [72] NEUFARTH, RALPH EDWIN, US
- [72] SCHILLER, GARY FRANCIS, US
- [73] IMFLUX, INC., US
- [85] 2013-11-19
- [86] 2012-05-21 (PCT/US2012/038774)
- [87] (WO2012/162218)
- [30] US (61/488,564) 2011-05-20
- 

[11] **2,837,237**  
[13] C

- [51] Int.Cl. B65D 43/06 (2006.01)
- [25] EN
- [54] **A CLOSURE LID WITH IDENTIFYING MEANS**
- [54] **COUVERCLE POSSEDEANT DES MOYENS D'IDENTIFICATION**
- [72] WEISS, DAVID, US
- [72] STRACHAN, MARK, US
- [73] UVU TECHNOLOGIES, LLC, US
- [85] 2013-10-23
- [86] 2012-04-26 (PCT/US2012/035168)
- [87] (WO2012/149131)
- [30] US (61/480,624) 2011-04-29
- [30] US (13/456,509) 2012-04-26
-

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,838,446**

[13] C

- [51] Int.Cl. B65G 65/30 (2006.01) A01F  
25/00 (2006.01) B65D 88/28 (2006.01)  
B65D 90/66 (2006.01) E06B 11/02  
(2006.01) F16K 31/04 (2006.01) H03K  
3/64 (2006.01) H03K 21/40 (2006.01)
- [25] EN
- [54] GATE WITH VARIABLE GATE  
CONTROL FOR HANDLING  
AGRICULTURAL GRANULAR  
MATERIALS
- [54] BARRIERE A COMMANDE DE  
BARRIERE VARIABLE POUR LA  
MANUTENTION DES MATIERES  
GRANULAIRES AGRICOLES
- [72] SCHLAGEL, BILL, US
- [73] SCHLAGEL, INC., US
- [86] (2838446)
- [87] (2838446)
- [22] 2014-01-06
- [30] US (61/749,181) 2013-01-04

**[11] 2,838,520**

[13] C

- [51] Int.Cl. C07C 213/08 (2006.01) C07C  
217/10 (2006.01)
- [25] EN
- [54] PROCESSES FOR THE  
PREPARATION OF SALMETEROL  
AND ITS SALTS
- [54] PROCEDES POUR LA  
PREPARATION DE SALMETEROL  
ET DE SES SELS
- [72] GORE, VINAYAK G., IN
- [72] GAIKWAD, AVINASH, IN
- [72] GADAKAR, M., IN
- [72] SHUKLA, V.K., IN
- [73] GENERICS [UK] LIMITED, GB
- [86] (2838520)
- [87] (2838520)
- [22] 2006-10-17
- [62] 2,625,337
- [30] IN (1298/MUM/2005) 2005-10-17
- [30] IN (827/MUM/2006) 2006-05-31

**[11] 2,839,346**

[13] C

- [51] Int.Cl. C04B 28/02 (2006.01) C04B  
40/00 (2006.01) C07F 5/04 (2006.01)  
C09K 8/467 (2006.01)
- [25] EN
- [54] CEMENT SET RETARDER BASED  
ON A BORATE ESTER COMPLEX  
AND METHOD USING THE SAME
- [54] RETARDATEUR DE PRISE DE  
CIMENT A BASE D'UN  
COMPLEXE D'ESTER DE TYPE  
BORATE ET SON PROCEDE  
D'UTILISATION
- [72] SCOGGINS, WILLIAM CHRYS, DE
- [73] BAKER HUGHES INCORPORATED,  
US
- [85] 2013-12-13
- [86] 2012-05-15 (PCT/US2012/037906)
- [87] (WO2013/002901)
- [30] US (13/172,534) 2011-06-29

**[11] 2,840,902**

[13] C

- [51] Int.Cl. F22B 37/00 (2006.01)
- [25] EN
- [54] STEAM POWER GENERATING  
SYSTEM AND METHOD  
THEREOF
- [54] SYSTEME DE PRODUCTION  
D'ENERGIE THERMIQUE A  
VAPEUR ET PROCEDE DE MISE  
EN OEUVRE
- [72] LIU, GUIWEN, CN
- [72] YANG, MINGJUN, CN
- [72] HUANG, JINQUAN, CN
- [73] TAIZHOU DAIJIANG INDUSTRY.  
CO., LTD., CN
- [86] (2840902)
- [87] (2840902)
- [22] 2014-01-29
- [30] CN (201410013320.0) 2014-01-10

**[11] 2,841,478**

[13] C

- [51] Int.Cl. E21B 44/00 (2006.01)
- [25] EN
- [54] SYSTEM, PROGRAM PRODUCT,  
AND METHOD FOR DRILLING  
RIG ACTIVITY ACCOUNTING  
AND VISUALIZATION
- [54] SYSTEME, PRODUIT  
PROGRAMME, ET PROCEDE  
PERMETTANT LA  
VISUALISATION ET LA PRISE EN  
COMPTE D'UN APPAREIL DE  
FORAGE
- [72] VESTAL, WESLEY C., US
- [72] BLUE, DANIEL DUNCAN, III, US
- [72] SADLIER, ANDREAS, US
- [72] ARANGO, GUILLERMO, US
- [73] BAKER HUGHES INCORPORATED,  
US
- [86] (2841478)
- [87] (2841478)
- [22] 2007-12-18
- [62] 2,692,916
- [30] US (60/875,442) 2006-12-18

**[11] 2,841,835**

[13] C

- [51] Int.Cl. B26B 21/56 (2006.01)
- [25] EN
- [54] RAZOR BLADE
- [54] LAME DE RASOIR
- [72] SKROBIS, KENNETH JAMES, US
- [72] PARKER, JEFFREY STUART, US
- [72] SHEN, BIN, US
- [72] STONE, MATTHEW ROBERT, US
- [72] NISBY, JOHN JOSEPH, US
- [72] SLATTERY, JASON SCOTT, US
- [72] JU, YONGQING, US
- [73] THE GILLETTE COMPANY LLC, US
- [85] 2014-01-09
- [86] 2012-07-13 (PCT/US2012/046649)
- [87] (WO2013/010072)
- [30] US (61/507,710) 2011-07-14

**Canadian Patents Issued**  
**February 21, 2017**

---

**[11] 2,844,485**

[13] C

- [51] Int.Cl. C04B 7/32 (2006.01) C04B 7/13 (2006.01) C04B 7/153 (2006.01) C04B 7/24 (2006.01) C04B 7/345 (2006.01) C04B 28/06 (2006.01)
  - [25] EN
  - [54] CALCIUM SULFOALUMINATE CEMENT WITH TERNESITE
  - [54] CIMENT DE SULFOALUMINATE DE CALCIUM CONTENANT DE LA TERNESITE
  - [72] BULLERJAHN, FRANK, DE
  - [72] SCHMITT, DIRK, DE
  - [72] BEN HAHA, MOHSEN, DE
  - [72] BATOG, BARBARA, PL
  - [72] ZAJAC, MACIEJ, DE
  - [73] HEIDELBERGCEMENT AG, DE
  - [85] 2014-02-06
  - [86] 2012-07-16 (PCT/EP2012/002975)
  - [87] (WO2013/023728)
  - [30] EP (11006757.6) 2011-08-18
  - [30] EP (11008570.1) 2011-10-26
  - [30] EP (12001488.1) 2012-03-05
  - [30] EP (12002111.8) 2012-03-26
  - [30] EP (12002342.9) 2012-03-30
  - [30] EP (12003718.9) 2012-05-10
- 

**[11] 2,844,736**

[13] C

- [51] Int.Cl. D21H 27/00 (2006.01)
  - [25] EN
  - [54] FIBROUS STRUCTURES
  - [54] STRUCTURES FIBREUSES
  - [72] FUNG, JOSHUA THOMAS, US
  - [72] LEIMBACH, ANGELA MARIE, US
  - [72] MANIFOLD, JOHN ALLEN, US
  - [72] RAMIREZ, STEVEN ALEXANDER, US
  - [72] HO-KLEINWAECHTER, MONICA, US
  - [73] THE PROCTER & GAMBLE COMPANY, US
  - [85] 2014-02-10
  - [86] 2012-08-09 (PCT/US2012/050091)
  - [87] (WO2013/023027)
  - [30] US (61/521,528) 2011-08-09
- 

**[11] 2,844,815**

[13] C

- [51] Int.Cl. E04B 1/76 (2006.01) E04F 13/04 (2006.01)
  - [25] EN
  - [54] EXTERNAL WALL WITH PLASTER AND PLASTER CARRIER
  - [54] MUR EXTERNE COMPORTANT DU PLATRE ET SUPPORT DE PLATRE
  - [72] THORSNES, OLA OYSTEIN, NO
  - [73] SELVAAG GRUPPEN AS, NO
  - [85] 2014-02-10
  - [86] 2012-08-17 (PCT/NO2012/050150)
  - [87] (WO2013/025111)
  - [30] NO (20111136) 2011-08-18
- 

**[11] 2,845,509**

[13] C

- [51] Int.Cl. F23Q 7/00 (2006.01)
  - [25] EN
  - [54] ELECTRIC CIGAR LIGHTER, UNIVERSAL POWER SOCKET AND ACCESSORY PLUG
  - [54] ALLUME-CIGARE ELECTRIQUE, PRISE ELECTRIQUE UNIVERSELLE ET CONNECTEUR MALE D'ACCESOIRE
  - [72] SCHWARZBACH, RONALD, DE
  - [72] HIGGOTT, ROGER, IT
  - [72] D'AQUILA, ANTHONY, US
  - [73] CASCO PRODUCTS CORPORATION, US
  - [85] 2014-02-14
  - [86] 2012-06-13 (PCT/US2012/042243)
  - [87] (WO2013/028247)
  - [30] US (13/213,607) 2011-08-19
- 

**[11] 2,847,351**

[13] C

- [51] Int.Cl. G03G 15/16 (2006.01) B41J 3/407 (2006.01) G03G 15/20 (2006.01) G03G 15/22 (2006.01)
  - [25] EN
  - [54] LAYER TRANSFUSION FOR ADDITIVE MANUFACTURING
  - [54] TRANSFUSION DE COUCHE POUR FABRICATION ADDITIVE
  - [72] CHILLSCYZN, STEVEN A., US
  - [72] COMB, JAMES W., US
  - [72] HANSON, WILLIAM J., US
  - [72] SANDERS, J. RANDOLPH, US
  - [72] BACUS, MICHAEL W., US
  - [73] STRATASYS, INC., US
  - [85] 2014-02-28
  - [86] 2012-09-21 (PCT/US2012/056599)
  - [87] (WO2013/044047)
  - [30] US (61/538,491) 2011-09-23
- 

**[11] 2,847,435**

[13] C

- [51] Int.Cl. H05B 1/02 (2006.01) H01L 21/67 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR CONTROLLING A THERMAL ARRAY
  - [54] SYSTEME ET PROCEDE PERMETTANT DE CONTROLER UNE MATRICE THERMIQUE
  - [72] SCHMIDT, PHILLIP S., US
  - [72] SWANSON, CAL T., US
  - [72] LEMKE, JOHN F., US
  - [73] WATLOW ELECTRIC MANUFACTURING COMPANY, US
  - [85] 2014-02-28
  - [86] 2012-08-30 (PCT/US2012/053067)
  - [87] (WO2013/033348)
  - [30] US (61/528,939) 2011-08-30
  - [30] US (61/635,310) 2012-04-19
- 

**[11] 2,848,694**

[13] C

- [51] Int.Cl. F02C 7/232 (2006.01) B64D 37/00 (2006.01) F16K 11/02 (2006.01)
- [25] EN
- [54] FUEL DRAIN VALVE FOR A TURBINE ENGINE
- [54] VANNE DE VIDANGE CARBURANT POUR MOTEUR A TURBINE
- [72] MAST, THOMAS M., US
- [72] EDLER, JOSHUA A., US
- [72] BURGE, KARL R., US
- [72] PLAGIANOS, NICHOLAS J., US
- [73] BELL HELICOPTER TEXTRON INC., US
- [86] (2848694)
- [87] (2848694)
- [22] 2014-04-09
- [30] US (13/863,447) 2013-04-16

**Brevets canadiens délivrés**  
**21 février 2017**

---

[11] **2,848,734**

[13] C

[51] Int.Cl. E21B 21/06 (2006.01) E21B  
 43/16 (2006.01)

[25] EN

[54] HIGH ENERGY IN-LINE  
 HYDRAULIC SHEARING UNIT  
 FOR OILFIELD DRILLING  
 FLUIDS

[54] UNITE DE CISAILLEMENT  
 HYDRAULIQUE EN LIGNE A  
 HAUTE ENERGIE POUR DES  
 FLUIDES DE FORAGE SUR  
 CHAMP PETROLIER

[72] ISTRE, RANDOLPH PAUL, US

[72] RASHID, KAZI M., US

[72] HARVEY, TIMOTHY N., US

[72] LYNCH, HARRY TODD, US

[72] MOORE, MICHAEL ALAN, US

[73] HALLIBURTON ENERGY  
 SERVICES, INC., US

[85] 2014-03-13

[86] 2012-11-01 (PCT/US2012/063071)

[87] (WO2013/067187)

[30] US (13/286,801) 2011-11-01

---

[11] **2,849,110**

[13] C

[51] Int.Cl. A61L 27/14 (2006.01) A61F  
 2/07 (2013.01) A61F 2/04 (2013.01)  
 A61F 2/82 (2013.01) A61L 27/16  
 (2006.01) A61L 27/40 (2006.01) A61L  
 27/50 (2006.01)

[25] EN

[54] PUNCTURABLE AND  
 RESEALABLE GRAFT

[54] GREFFON PERFORABLE ET  
 REFERMABLE

[72] CULLY, EDWARD H., US

[72] DUNCAN, JEFFREY B., US

[72] GASSLER, PAUL D., US

[73] W.L. GORE & ASSOCIATES, INC.,  
 US

[85] 2014-03-18

[86] 2012-10-04 (PCT/US2012/058597)

[87] (WO2013/052570)

[30] US (61/545,044) 2011-10-07

[30] US (13/644,160) 2012-10-03

---

[11] **2,849,123**

[13] C

[51] Int.Cl. A61N 1/05 (2006.01) A61B  
 18/12 (2006.01)

[25] EN

[54] ENERGY DELIVERY DEVICE AND  
 METHODS OF USE

[54] DISPOSITIF DE FOURNITURE  
 D'ENERGIE ET PROCEDES  
 D'UTILISATION

[72] SALAHIEH, AMR, US

[72] LEPAK, JONAH, US

[72] LEUNG, EMMA, US

[72] CLAUDE, JOHN, P., US

[72] SAUL, TOM, US

[73] COVIDIEN LP, US

[85] 2014-03-18

[86] 2012-09-28 (PCT/US2012/057967)

[87] (WO2013/049601)

[30] US (61/541,765) 2011-09-30

[30] US (61/593,147) 2012-01-31

---

[11] **2,849,323**

[13] C

[51] Int.Cl. A61K 8/41 (2006.01) A61K  
 8/49 (2006.01) A61Q 5/00 (2006.01)  
 A61Q 5/12 (2006.01) A61Q 7/00  
 (2006.01)

[25] EN

[54] HAIR CARE COMPOSITIONS AND  
 METHODS OF USE

[54] COMPOSITIONS DE SOIN DES  
 CHEVEUX ET PROCEDES  
 D'UTILISATION

[72] COMBS, MARY JANE, US

[72] LAIDIG, WILLIAM DAVID, US

[72] KROGER-LYONS, KELLY ROSE, US

[73] THE PROCTER & GAMBLE  
 COMPANY, US

[85] 2014-03-19

[86] 2012-10-03 (PCT/US2012/058560)

[87] (WO2013/052545)

[30] US (61/542,546) 2011-10-03

---

[11] **2,850,548**

[13] C

[51] Int.Cl. H05B 3/26 (2006.01) B29C  
 45/73 (2006.01)

[25] EN

[54] HIGH DYNAMIC TEMPERATURE  
 CONTROL SYSTEM

[54] SYSTEME DE REGULATION DE  
 TEMPERATURE A DYNAMIQUE  
 ELEVEE

[72] WALLINGER, MARTIN, AT

[72] SCHEFBANKER, GERHARD, AT

[72] POSCHL, WOLFGANG, AT

[72] ANTOSCH, GERNOT, AT

[72] LEHNERT, REINHARDT, DE

[72] KUBLER, MICHAEL, DE

[72] BURR, AUGUST, DE

[73] WATLOW ELECTRIC  
 MANUFACTURING COMPANY, US

[85] 2014-03-28

[86] 2012-09-28 (PCT/US2012/057763)

[87] (WO2013/049466)

[30] US (61/540,704) 2011-09-29

---

[11] **2,850,550**

[13] C

[51] Int.Cl. A23L 2/66 (2006.01) A23L 2/56  
 (2006.01) A23L 2/60 (2006.01)

[25] EN

[54] HIGH PROTEIN BEVERAGES

[54] BOISSONS A TENEUR ELEVEE EN  
 PROTEINE

[72] BRADLEY, DONDEENA, US

[72] ROHRER, ELLEN, US

[73] THE CONCENTRATE  
 MANUFACTURING COMPANY OF  
 IRELAND, BM

[85] 2014-03-28

[86] 2012-09-28 (PCT/US2012/057872)

[87] (WO2013/049540)

[30] US (61/541,571) 2011-09-30

[30] US (61/607,244) 2012-03-06

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,853,051**

[13] C

- [51] Int.Cl. H04W 4/02 (2009.01) H04W 64/00 (2009.01) G06F 17/30 (2006.01)
  - [25] EN
  - [54] PERIODIC AMBIENT WAVEFORM ANALYSIS FOR DYNAMIC DEVICE CONFIGURATION
  - [54] ANALYSE DE FORME D'ONDE AMBIANTE PERIODIQUE POUR CONFIGURATION DE DISPOSITIF DYNAMIQUE
  - [72] PAPAKIPOS, MATTHEW NICHOLAS, US
  - [72] GARCIA, DAVID HARRY, US
  - [73] FACEBOOK, INC., US
  - [85] 2014-04-22
  - [86] 2012-09-27 (PCT/US2012/057413)
  - [87] (WO2013/058948)
  - [30] US (13/277,080) 2011-10-19
- 

[11] **2,854,208**

[13] C

- [51] Int.Cl. A23L 2/52 (2006.01) A61K 31/353 (2006.01)
  - [25] EN
  - [54] ZERO CALORIE POLYPHENOL AQUEOUS DISPERSIONS
  - [54] DISPERSIONS AQUEUSES DE POLYPHENOL A ZERO CALORIE
  - [72] ZHANG, NAIJIE, US
  - [72] MUTILANGI, WILLIAM, US
  - [73] PEPSICO, INC., US
  - [85] 2014-04-30
  - [86] 2012-11-28 (PCT/US2012/066723)
  - [87] (WO2013/082065)
  - [30] US (13/307,405) 2011-11-30
- 

[11] **2,854,308**

[13] C

- [51] Int.Cl. H01J 49/42 (2006.01)
  - [25] EN
  - [54] REDUCTION OF CROSS-TALK BETWEEN RF COMPONENTS IN A MASS SPECTROMETER
  - [54] REDUCTION DU BRUIT DIAPHONIQUE ENTRE DES COMPOSANTS RF DANS UN SPECTROMETRE DE MASSE
  - [72] MUNTEAN, FELICIAN, US
  - [72] MOELLER, ROY, US
  - [72] ZANON, STEPHEN, US
  - [73] BRUKER DALTONICS, INC., US
  - [86] (2854308)
  - [87] (2854308)
  - [22] 2014-06-12
  - [30] US (13/935,732) 2013-07-05
- 

[11] **2,854,830**

[13] C

- [51] Int.Cl. H03M 7/40 (2006.01)
  - [25] EN
  - [54] NUMBER OF CONTEXTS REDUCTION FOR CONTEXT ADAPTIVE BINARY ARITHMETIC CODING
  - [54] REDUCTION DU NOMBRE DE CONTEXTES POUR CODAGE ARITHMETIQUE BINAIRE ADAPTE AU CONTEXTE
  - [72] CHIEN, WEI-JUNG, US
  - [72] SOLE ROJALS, JOEL, US
  - [72] KARCZEWCZ, MARTA, US
  - [73] QUALCOMM INCORPORATED, US
  - [85] 2014-05-07
  - [86] 2012-10-05 (PCT/US2012/059095)
  - [87] (WO2013/070354)
  - [30] US (61/557,325) 2011-11-08
  - [30] US (61/561,911) 2011-11-20
  - [30] US (13/645,308) 2012-10-04
- 

[11] **2,855,751**

[13] C

- [51] Int.Cl. C07C 315/06 (2006.01) C07D 295/00 (2006.01)
  - [25] EN
  - [54] A PROCESS FOR THE MANUFACTURE OF CHIRAL CATALYSTS AND THEIR SALTS
  - [54] PROCEDE POUR LA FABRICATION DE CATALYSEURS CHIRaux ET DE LEURS SELS
  - [72] WU, PING-YU, TW
  - [72] HENSCHKE, JULIAN PAUL, AT
  - [73] SCINOPHARM TAIWAN, LTD., TW
  - [85] 2014-05-13
  - [86] 2012-11-29 (PCT/IB2012/002910)
  - [87] (WO2013/080049)
  - [30] US (61/565,449) 2011-11-30
- 

[11] **2,857,140**

[13] C

- [51] Int.Cl. H04M 3/527 (2006.01) G10L 15/22 (2006.01) G10L 15/26 (2006.01) H04M 3/493 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR EXTERNALLY MAPPING AN INTERACTIVE VOICE RESPONSE MENU
  - [54] SYSTEME ET PROCEDE DE MAPPAGE EXTERNE POUR MENU DE REPONSES VOCALES INTERACTIF
  - [72] BERGER, SHAI, CA
  - [72] BIGUE, JASON P., CA
  - [72] PULTZ, MICHAEL, CA
  - [73] FONCLOUD, INC., CA
  - [86] (2857140)
  - [87] (2857140)
  - [22] 2009-03-10
  - [62] 2,716,732
  - [30] US (61/035,195) 2008-03-10
  - [30] US (61/035,204) 2008-03-10
- 

[11] **2,857,363**

[13] C

- [51] Int.Cl. B65D 1/40 (2006.01) B05D 3/02 (2006.01) B65D 81/38 (2006.01)
- [25] EN
- [54] DOUBLE-WALLED, VACUUM-INSULATED CONTAINER HAVING INNER COATING CURED AT HIGH TEMPERATURE
- [54] CONTENEUR ISOLE PAR VIDE A DOUBLE PAROI A REVETEMENT INTERIEUR DURCISSABLE A HAUTE TEMPERATURE
- [72] OLSON, GUNNAR B., US
- [72] NEMETH, CHRISTOPHER P., US
- [72] STROUD, BRANDON L., US
- [72] XIA, SICHONG, US
- [73] RUBBERMAID INCORPORATED, US
- [85] 2014-07-18
- [86] 2014-06-03 (PCT/US2014/040685)
- [87] (WO2015/088583)
- [30] US (14/100,594) 2013-12-09

Brevets canadiens délivrés  
21 février 2017

---

[11] 2,858,013

[13] C

[51] Int.Cl. A61B 5/151 (2006.01) A61B  
5/157 (2006.01)

[25] EN

[54] LIQUID SAMPLE MEASUREMENT  
DEVICE

[54] DISPOSITIF DE MESURE D'UN  
ECHANTILLON LIQUIDE

[72] TERASHIMA, NORIYOSHI, JP

[72] NAGAO, AKIO, JP

[72] NADAOKA, MASATAKA, JP

[72] ODA, YOSHIMASA, JP

[73] PANASONIC HEALTHCARE  
HOLDINGS CO., LTD., JP

[85] 2014-06-03

[86] 2012-12-26 (PCT/JP2012/008311)

[87] (WO2013/099239)

[30] JP (2011-283196) 2011-12-26

---

[11] 2,858,124

[13] C

[51] Int.Cl. B65G 15/52 (2006.01) B65G  
17/06 (2006.01)

[25] EN

[54] SORTER SLAT ATTACHMENT

[54] ATTACHEMENT DE LAME DE  
DISPOSITIF DE TRI

[72] TRIESENBERG, THOMAS H., US

[72] DEVRIES, JEFFREY S., US

[72] SCHUITEMA, DENNIS J., US

[73] DEMATIC CORP., US

[85] 2014-06-03

[86] 2012-12-11 (PCT/US2012/068968)

[87] (WO2013/096011)

[30] US (61/579,720) 2011-12-23

---

[11] 2,858,673

[13] C

[51] Int.Cl. F16H 61/40 (2010.01)

[25] EN

[54] SHIFTING PROCEDURE FOR  
POWERSPLIT SYSTEMS

[54] PROCEDURE DE COMMUTATION  
POUR SYSTEMES POWERSPLIT

[72] VERSTEHYHE, MARK R.J., BE

[73] DANA BELGIUM N.V., BE

[85] 2014-06-09

[86] 2012-12-07 (PCT/EP2012/074765)

[87] (WO2013/083766)

[30] US (61/568,687) 2011-12-09

---

[11] 2,858,729

[13] C

[51] Int.Cl. C09K 8/524 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS  
FOR TREATMENT OF WELL  
BORE TAR COMPRISING  
ACRYLONITRILE-BUTADIENE  
COPOLYMER

[54] COMPOSITIONS ET PROCEDES  
DE TRAITEMENT DE TROU DE  
FORAGE RENFERMANT UN  
COPOLYMORE BUTADIENE-  
ACRYLONITRILE

[72] LIVANEC, PHILIP WAYNE, US

[72] PEREZ, GREG PAUL, US

[73] HALLIBURTON ENERGY  
SERVICES, INC., US

[85] 2014-06-09

[86] 2012-12-14 (PCT/US2012/069839)

[87] (WO2013/090775)

[30] US (13/329,016) 2011-12-16

---

[11] 2,858,898

[13] C

[51] Int.Cl. B60R 21/02 (2006.01) B60N  
2/28 (2006.01) B60N 3/00 (2006.01)

[25] EN

[54] SAFETY PROTECTION  
APPARATUS

[54] APPAREIL DE PROTECTION DE  
SECURITE

[72] JIANG, BING, CN

[72] JIANG, BOLUN, CN

[73] JIANG, BING, CN

[73] JIANG, BOLUN, CN

[85] 2014-06-11

[86] 2012-12-12 (PCT/CN2012/086416)

[87] (WO2013/086977)

[30] CN (201110412815.7) 2011-12-13

[30] CN (201110443797.9) 2011-12-27

[30] CN (201110443791.1) 2011-12-27

[30] CN (201210008132.X) 2012-01-12

[30] CN (201210016762.1) 2012-01-19

[30] CN (201210016755.1) 2012-01-19

[30] CN (201210022909.8) 2012-02-02

[30] CN (201210069727.6) 2012-03-16

[30] CN (201210069726.1) 2012-03-16

[30] CN (201210138190.4) 2012-05-03

---

[11] 2,858,925

[13] C

[51] Int.Cl. G10L 25/69 (2013.01) G10L  
19/032 (2013.01)

[25] EN

[54] APPARATUS, METHOD AND  
COMPUTER PROGRAM FOR  
AVOIDING CLIPPING  
ARTEFACTS

[54] APPAREIL, METHODE ET  
PROGRAMME INFORMATIQUE  
DESTINES A EVITER LA  
DECOUPE D'ARTEFACTS

[72] HEUBERGER, ALBERT, DE

[72] EDLER, BERND, DE

[72] RETTELBACH, NIKOLAUS, DE

[72] GEYERSBERGER, STEFAN, DE

[72] HILPERT, JOHANNES, DE

[73] FRAUNHOFER-GESELLSCHAFT  
ZUR FORDERUNG DER  
ANGEWANDTEN FORSCHUNG  
E.V., DE

[85] 2014-06-11

[86] 2012-12-14 (PCT/EP2012/075591)

[87] (WO2013/087861)

[30] US (61/576,099) 2011-12-15

---

[11] 2,860,191

[13] C

[51] Int.Cl. H02G 3/06 (2006.01)

[25] EN

[54] WEATHERPROOF  
COMPRESSION CONNECTING  
ASSEMBLY FOR SECURING  
ELECTRICAL METAL TUBING

[54] RACCORD A COMPRESSION A  
L'EPREUVE DES INTEMPERIES  
POUR LE RACCORDEMENT DE  
TUBES ELECTRIQUES  
METALLIQUES

[72] KIELY, KENNETH M., US

[73] BRIDGEPORT FITTINGS, INC., US

[86] (2860191)

[87] (2860191)

[22] 2005-12-01

[62] 2,528,715

[30] US (11/005,214) 2004-12-06

---

**Canadian Patents Issued**  
**February 21, 2017**

---

[11] **2,860,202**  
[13] C

- [51] Int.Cl. B61F 13/00 (2006.01) B61F 5/12 (2006.01)  
[25] EN  
[54] RAIL ROAD CAR AND TRUCK THEREFOR  
[54] VOITURE DE CHEMIN DE FER ET BOGIE CONNEXE  
[72] FORBES, JAMES W., CA  
[73] NATIONAL STEEL CAR LIMITED, CA  
[86] (2860202)  
[87] (2860202)  
[22] 2003-01-31  
[62] 2,796,920  
[30] CA (2396483) 2002-08-01  
[30] CA (2396525) 2002-08-01
- 

[11] **2,860,530**  
[13] C

- [51] Int.Cl. C08J 7/04 (2006.01) D04H 1/4391 (2012.01) B01D 67/00 (2006.01) B29C 55/00 (2006.01) C08J 5/18 (2006.01)  
[25] EN  
[54] ARTICLES INCLUDING EXPANDED POLYTETRAFLUOROETHYLENE MEMBRANES WITH SERPENTINE FIBRILS AND HAVING A DISCONTINUOUS FLUOROPOLYMER LAYER THEREON  
[54] ARTICLES INCLUANT DES MEMBRANES EN POLYTETRAFLUOROETHYLENE EXPANSE PRESENTANT DES FIBRILLES ONDULEES ET ERCOUVERTES D'UNE COUCHE DISCONTINUE EN FLUOROPOLYMERE  
[72] KOVACH, LARRY J., US  
[72] RADSPINNER, RACHEL, US  
[73] W.L. GORE & ASSOCIATES, INC., US  
[85] 2014-07-03  
[86] 2012-11-14 (PCT/US2012/064908)  
[87] (WO2013/109337)  
[30] US (13/351,052) 2012-01-16  
[30] US (13/675,730) 2012-11-13
- 

[11] **2,861,315**  
[13] C

- [51] Int.Cl. C21B 3/02 (2006.01) C21B 5/04 (2006.01) C21B 11/10 (2006.01)  
[25] EN  
[54] COMPOSITE BRIQUETTE FOR STEELMAKING OR IRONMAKING FURNACE CHARGE  
[54] BRIQUETTE COMPOSITE POUR CHARGE D'UN HAUT-FOURNEAU DANS LA FABRICATION DE L'ACIER OU DU FER  
[72] VAYDA, PIERRE, CA  
[73] EXOTHERMIC DISTRIBUTION CORPORATION, CA  
[86] (2861315)  
[87] (2861315)  
[22] 2014-08-29  
[30] CA (2852813) 2014-05-29
- 

[11] **2,861,423**  
[13] C

- [51] Int.Cl. H04M 1/24 (2006.01) G06K 9/82 (2006.01)  
[25] EN  
[54] METHOD AND APPARATUS FOR RECYCLING ELECTRONIC DEVICES  
[54] PROCEDE ET APPAREIL DE RECYCLAGE DE DISPOSITIFS ELECTRONIQUES  
[72] BOWLES, MARK, US  
[72] PLOETNER, JEFF, US  
[72] BEANE, JOHN ANDREW, US  
[73] ECOATM, INC., US  
[85] 2014-07-16  
[86] 2013-01-30 (PCT/US2013/023717)  
[87] (WO2013/116256)  
[30] US (61/593,358) 2012-02-01  
[30] US (61/607,548) 2012-03-06  
[30] US (61/607,572) 2012-03-06  
[30] US (13/753,539) 2013-01-30
- 

[11] **2,861,785**  
[13] C

- [51] Int.Cl. H04W 72/08 (2009.01)  
[25] EN  
[54] METHOD AND APPARATUS FOR SCHEDULING PEER-TO-PEER COMMUNICATION LINKS  
[54] PROCEDE ET APPAREIL DE PLANIFICATION DE LIAISONS DE COMMUNICATION ENTRE HOMOLOGUES  
[72] MICHELS, JAMES P., US  
[72] BAKER, MICHAEL H., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-06-26  
[86] 2012-12-14 (PCT/US2012/069812)  
[87] (WO2013/101507)  
[30] US (13/339,586) 2011-12-29
- 

[11] **2,863,633**  
[13] C

- [51] Int.Cl. G01T 3/06 (2006.01) G01T 3/00 (2006.01) G01N 23/06 (2006.01)  
[25] EN  
[54] COMPOSITE GAMMA-NEUTRON DETECTION SYSTEM  
[54] SYSTEME DE DETECTION DE GAMMA-NEUTRON COMPOSITE  
[72] GOZANI, TSAHI, US  
[72] KING, MICHAEL JOSEPH, US  
[72] HILLIARD, DONALD BENNETT, US  
[72] BENDAHAN, JOSEPH, US  
[73] RAPISCAN SYSTEMS, INC., US  
[85] 2014-08-01  
[86] 2013-01-29 (PCT/US2013/023684)  
[87] (WO2013/116241)  
[30] US (61/595,044) 2012-02-04
- 

[11] **2,865,381**  
[13] C

- [51] Int.Cl. F04D 29/38 (2006.01) B32B 5/12 (2006.01) B32B 5/28 (2006.01) F02C 7/00 (2006.01) F02K 3/06 (2006.01) B64C 11/20 (2006.01)  
[25] EN  
[54] ROTOR BLADE AND FAN  
[54] AUBE DE ROTOR ET SOUFFLANTE  
[72] MUROOKA, TAKESHI, JP  
[73] IHI CORPORATION, JP  
[85] 2014-08-22  
[86] 2013-04-23 (PCT/JP2013/061837)  
[87] (WO2013/164960)  
[30] JP (2012-104433) 2012-05-01
-

**Brevets canadiens délivrés  
21 février 2017**

|   |  |  |
|---|--|--|
| <p><b>[11] 2,865,580</b><br/>[13] C</p> <p>[51] Int.Cl. H04W 12/04 (2009.01) H04W 84/08 (2009.01) H04L 9/08 (2006.01) H04L 29/06 (2006.01)</p> <p>[25] EN</p> <p>[54] COMMUNICATION PROTOCOL FOR SECURE COMMUNICATIONS SYSTEMS</p> <p>[54] PROTOCOLE DE COMMUNICATION DE SYSTEMES DE COMMUNICATIONS SECURISEES</p> <p>[72] SENESE, THOMAS J., US</p> <p>[72] HOSELTON, HELEN Y., US</p> <p>[72] SHAHAB, OBAID, US</p> <p>[73] MOTOROLA SOLUTIONS, INC., US</p> <p>[85] 2014-08-26</p> <p>[86] 2013-02-22 (PCT/US2013/027390)</p> <p>[87] (WO2013/133995)</p> <p>[30] US (13/416,468) 2012-03-09</p> | <p><b>[11] 2,868,610</b><br/>[13] C</p> <p>[51] Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01)</p> <p>[25] EN</p> <p>[54] REINFORCEMENT IMPLANT FOR LAMINA WITH A CANTILEVER BRIDGE PART</p> <p>[54] IMPLANT DE RENFORCEMENT D'UNE LAME VERTEbraLE, MUNI D'UNE PARTIE PONT EN PORTE-A-FAUX</p> <p>[72] JENSEN, HARM-IVEN, DE</p> <p>[72] LINK, HELMUT D., DE</p> <p>[73] FACET-LINK INC., US</p> <p>[85] 2014-09-26</p> <p>[86] 2012-03-28 (PCT/EP2012/001357)</p> <p>[87] (WO2013/143558)</p>  | <p><b>[11] 2,870,045</b><br/>[13] C</p> <p>[51] Int.Cl. E21B 47/06 (2012.01) E21B 44/00 (2006.01) E21B 49/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND SYSTEMS FOR REAL-TIME MONITORING AND PROCESSING OF WELLBORE DATA</p> <p>[54] METHODES ET SYSTEMES DE SURVEILLANCE ET DE TRAITEMENT EN TEMPS REEL DE DONNEES DE PUITS DE FORAGE</p> <p>[72] BURRESS, CHARLOTTE N., US</p> <p>[72] GALLIANO, CLINT C., US</p> <p>[72] GONZALEZ, PETER, US</p> <p>[73] HALLIBURTON ENERGY SERVICES, INC., US</p> <p>[85] 2014-10-08</p> <p>[86] 2013-05-01 (PCT/US2013/039092)</p> <p>[87] (WO2013/169543)</p> <p>[30] US (13/465,809) 2012-05-07</p> |
| <p><b>[11] 2,866,796</b><br/>[13] C</p> <p>[51] Int.Cl. G01J 3/18 (2006.01) G01J 3/28 (2006.01)</p> <p>[25] EN</p> <p>[54] DISPERSION SPECTROMETER</p> <p>[54] SPECTROMETRE A DISPERSION</p> <p>[72] WIHLBORG, NILS, SE</p> <p>[73] FOSS ANALYTICAL AB, SE</p> <p>[85] 2014-09-09</p> <p>[86] 2012-03-14 (PCT/EP2012/054441)</p> <p>[87] (WO2013/135281)</p>  | <p><b>[11] 2,868,839</b><br/>[13] C</p> <p>[51] Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61B 3/14 (2006.01)</p> <p>[25] EN</p> <p>[54] CORNEAL TISSUE DETECTION AND MONITORING DEVICE</p> <p>[54] DISPOSITIF DE DETECTION ET DE SURVEILLANCE DE TISSU CORNEEN</p> <p>[72] KOENIG, KARSTEN, DE</p> <p>[72] VOGLER, KLAUS, DE</p> <p>[72] WUELLNER, CHRISTIAN, DE</p> <p>[72] DONITZKY, CHRISTOF, DE</p> <p>[73] WAVELIGHT GMBH, DE</p> <p>[85] 2014-09-29</p> <p>[86] 2012-08-22 (PCT/EP2012/003558)</p> <p>[87] (WO2014/029407)</p> | <p><b>[11] 2,870,601</b><br/>[13] C</p> <p>[51] Int.Cl. F27B 21/02 (2006.01) C22B 1/20 (2006.01) F27B 21/06 (2006.01) F27D 3/12 (2006.01) F27D 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] GRATE CARRIAGE FOR RECEIVING BULK MATERIAL</p> <p>[54] CHARIOT A GRILLE DESTINE A RECEVOIR UN MATERIAU EN VRAC</p> <p>[72] SCHULAKOW-KLASS, ANDREJ, DE</p> <p>[72] HOLZHAUER, THOMAS, DE</p> <p>[72] EKKERT, SERGEJ, DE</p> <p>[73] OUTOTEC (FINLAND) OY, FI</p> <p>[85] 2014-10-16</p> <p>[86] 2013-04-19 (PCT/EP2013/058137)</p> <p>[87] (WO2013/171022)</p> <p>[30] DE (10 2012 009 511.2) 2012-05-14</p>  |
| <p><b>[11] 2,867,680</b><br/>[13] C</p> <p>[51] Int.Cl. B24B 13/01 (2006.01) G02B 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] TOOL FOR THE POLISHING MACHINING OF OPTICAL SURFACES</p> <p>[54] OUTIL POUR USINAGE PAR POLISSAGE DE SURFACES OPTIQUES</p> <p>[72] NOWAK, GERD, DE</p> <p>[72] MICHELS, GEORG, DE</p> <p>[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE</p> <p>[86] (2867680)</p> <p>[87] (2867680)</p> <p>[22] 2014-10-14</p> <p>[30] DE (10 2013 220 973.8) 2013-10-16</p>   | <p><b>[11] 2,869,074</b><br/>[13] C</p> <p>[51] Int.Cl. F17C 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE VESSEL PENETRATOR ISOLATION DEVICE</p> <p>[54] DISPOSITIF D'ISOLEMENT D'UN MECANISME PENETRANT UN CONTENANT A PRESSION</p> <p>[72] FORD, THOMAS STEVEN, US</p> <p>[73] THE BOEING COMPANY, US</p> <p>[86] (2869074)</p> <p>[87] (2869074)</p> <p>[22] 2014-10-30</p> <p>[30] US (14/169894) 2014-01-31</p>  |  |

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,870,687**  
[13] C

- [51] Int.Cl. B65D 85/10 (2006.01)
  - [25] EN
  - [54] **PACKAGING HAVING A MOVABLE INNER PACKET PART**
  - [54] EMBALLAGE COMPORTANT UNE PARTIE DE PAQUET INTERNE MOBILE
  - [72] COLLINS, TIM, GB
  - [72] DESIRAJU, BHANUKIRAN, CH
  - [73] JT INTERNATIONAL SA, CH
  - [85] 2014-10-16
  - [86] 2013-05-01 (PCT/EP2013/059071)
  - [87] (WO2013/164373)
  - [30] EP (12166478.3) 2012-05-02
- 

[11] **2,870,984**  
[13] C

- [51] Int.Cl. E21B 33/12 (2006.01) E21B 23/10 (2006.01) E21B 33/124 (2006.01) E21B 33/129 (2006.01) E21B 34/06 (2006.01) E21B 34/16 (2006.01) E21B 43/11 (2006.01) E21B 43/119 (2006.01) E21B 43/26 (2006.01) E21B 47/12 (2012.01)
- [25] EN
- [54] **METHODS AND ELECTRICALLY-ACTUATED APPARATUS FOR WELLBORE OPERATIONS**
- [54] PROCEDES ET APPAREILS A COMMANDE ELECTRIQUE POUR DES OPERATIONS DE FORAGE DE PUITS
- [72] ANGMAN, PER, CA
- [72] ANDREYCHUK, MARK, CA
- [72] PETRELLA, ALLAN, CA
- [73] KOBOLD SERVICES INC., CA
- [85] 2014-10-20
- [86] 2013-04-29 (PCT/CA2013/050329)
- [87] (WO2013/159237)
- [30] US (61/639,493) 2012-04-27
- [30] US (61/642,301) 2012-05-03
- [30] US (61/658,277) 2012-06-11
- [30] US (61/774,486) 2013-03-07

[11] **2,871,106**  
[13] C

- [51] Int.Cl. A46B 15/00 (2006.01) A61C 17/22 (2006.01)
  - [25] EN
  - [54] **ORAL HYGIENE IMPLEMENT WITH AN INDICATOR MECHANISM**
  - [54] ACCESSOIRE D'HYGIENE BUCCALE DOTE D'UN MECANISME INDICATEUR
  - [72] JUNGNICKEL, UWE, DE
  - [72] ALTMANN, NICLAS, DE
  - [73] THE GILLETTE COMPANY LLC, US
  - [85] 2014-10-21
  - [86] 2012-05-15 (PCT/US2012/037955)
  - [87] (WO2013/165445)
  - [30] US (13/464,457) 2012-05-04
- 

[11] **2,877,875**  
[13] C

- [51] Int.Cl. H04W 12/08 (2009.01) H04W 4/12 (2009.01) H04W 12/06 (2009.01)
  - [25] EN
  - [54] **FACILITATING NETWORK LOGIN**
  - [54] FACILITATION D'OUVERTURE DE SESSION RESEAU
  - [72] ZUCKER, ADAM, US
  - [73] J2 GLOBAL IP LIMITED, IE
  - [85] 2014-12-23
  - [86] 2013-06-21 (PCT/US2013/047017)
  - [87] (WO2014/004288)
  - [30] US (13/534,936) 2012-06-27
- 

[11] **2,878,410**  
[13] C

- [51] Int.Cl. B66D 3/16 (2006.01)
  - [25] EN
  - [54] **CHAIN BLOCK**
  - [54] MOUFLE A CHAINE
  - [72] ISHIKAWA, KAZUMITSU, JP
  - [72] SANO, HIROKI, JP
  - [72] KOSUGA, KOSUKE, JP
  - [73] KITO CORPORATION, JP
  - [85] 2015-01-06
  - [86] 2013-07-29 (PCT/JP2013/070458)
  - [87] (WO2014/021255)
  - [30] JP (2012-168498) 2012-07-30
- 

[11] **2,878,645**  
[13] C

- [51] Int.Cl. B04B 9/00 (2006.01)
- [25] EN
- [54] **CENTRIFUGATION SYSTEMS WITH NON-CONTACT SEAL ASSEMBLIES**
- [54] SYSTEMES DE CENTRIFUGATION MUNIS DE JOINTS D'ETANCHEITE SANS CONTACT
- [72] SPIEGEL, KURT MICHAEL, US
- [72] WEILAND, ERIC BERNARD, US
- [73] ALFA WASSERMANN, INC., US
- [86] (2878645)
- [87] (2878645)
- [22] 2015-01-20
- [30] US (61/930,173) 2014-01-22

[11] **2,877,789**  
[13] C

- [51] Int.Cl. F16B 13/06 (2006.01) F16B 13/08 (2006.01) F16B 31/02 (2006.01)
- [25] EN
- [54] **EXPANSION BOLT**
- [54] BOULON A EXPANSION
- [72] ECKSTEIN, ANDREAS, DE
- [72] GOLDT, MATHIAS, AT
- [72] SCHAEFFER, MARC, AT
- [72] APPL, JOERG, CH
- [72] DIJKHUIS, ARJEN DETMER, AT
- [73] HILTI AKTIENGESELLSCHAFT, LI
- [85] 2014-12-23
- [86] 2013-06-25 (PCT/EP2013/063192)
- [87] (WO2014/005876)
- [30] DE (10 2012 211 418.1) 2012-07-02

**Brevets canadiens délivrés**  
**21 février 2017**

---

**[11] 2,878,985**

[13] C

- [51] Int.Cl. F16D 41/06 (2006.01)
  - [25] EN
  - [54] CONICAL SURFACE FRICTION TYPE OVERRUNNING CLUTCH
  - [54] EMBRAYAGE A ROUE LIBRE DU TYPE A FRICTION A SURFACE CONIQUE
  - [72] LUO, JUN, CN
  - [73] CHONGQING DYNRUN MACHINERY CO., LTD., CN
  - [85] 2015-01-13
  - [86] 2013-06-13 (PCT/CN2013/077149)
  - [87] (WO2014/015719)
  - [30] CN (201210263358.4) 2012-07-27
- 

**[11] 2,879,395**

[13] C

- [51] Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)
- [25] EN
- [54] CONSUMER PRODUCT COMPOSITIONS COMPRISING ORGANOPOLYSILOXANE CONDITIONING POLYMERS
- [54] COMPOSITIONS DE PRODUITS DE CONSOMMATION COMPORTANT DES POLYMERES CONDITIONNEURS ORGANOPOLYSILOXANES
- [72] BARRERA, CAROLA, US
- [72] SMITH, STEVEN DARYL, US
- [72] MCCAIN, ROBERT JOSEPH, US
- [72] GIZAW, YONAS, US
- [72] PANANDIKER, RAJAN KESHAV, US
- [72] SNYDER, MICHAEL ALBERT, US
- [73] THE PROCTER & GAMBLE COMPANY, US
- [85] 2015-01-15
- [86] 2013-07-29 (PCT/US2013/052592)
- [87] (WO2014/018988)
- [30] US (61/676,744) 2012-07-27
- [30] US (61/763,066) 2013-02-11

---

**[11] 2,879,486**

[13] C

- [51] Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01) F21V 21/34 (2006.01)
  - [25] EN
  - [54] COMPACT RECESSED LIGHTING ASSEMBLY
  - [54] APPAREIL D'ECLAIRAGE ENCASTRE COMPACT
  - [72] DANESH, MICHAEL D., US
  - [73] DANESH, MICHAEL D., US
  - [86] (2879486)
  - [87] (2879486)
  - [22] 2015-01-23
  - [30] US (14/183,424) 2014-02-18
- 

**[11] 2,879,655**

[13] C

- [51] Int.Cl. B60N 2/42 (2006.01) B64D 11/06 (2006.01)
- [25] EN
- [54] PASSENGER SUITE SEATING ARRANGEMENT WITH MOVEABLE VIDEO MONITOR
- [54] AGENCEMENT DE PLACES ASSISES D'UN SALON POUR PASSAGERS AYANT UN MONiteur VIDEO MOBILE
- [72] HENSHAW, ROBERT J., US
- [73] B/E AEROSPACE, INC., US
- [85] 2015-01-20
- [86] 2013-07-31 (PCT/US2013/052881)
- [87] (WO2014/022484)
- [30] US (61/678,170) 2012-08-01

---

**[11] 2,880,203**

[13] C

- [51] Int.Cl. B24C 5/04 (2006.01) B24C 5/00 (2006.01)
  - [25] EN
  - [54] METHOD AND APPARATUS FOR PREPPING SURFACES WITH A HIGH-FREQUENCY FORCED PULSED WATERJET USING A ROTATABLE NOZZLE
  - [54] PROCEDE ET APPAREIL DE PREPARATION DE SURFACES A L'AIDE D'UN JET D'EAU PULSE FORCE A HAUTE FREQUENCE EN UTILISANT UNE BUSE ROTATIVE
  - [72] VIJAY, MOHAN M., CA
  - [72] TIEU, ANDREW HUNG, CA
  - [72] YAN, WENZHUO, CA
  - [72] DANIELS, BRUCE R., CA
  - [73] VLN ADVANCED TECHNOLOGIES INC., CA
  - [86] (2880203)
  - [87] (2880203)
  - [22] 2009-07-16
  - [62] 2,793,889
  - [30] US (61/081,177) 2008-07-16
- 

**[11] 2,880,256**

[13] C

- [51] Int.Cl. G06T 9/00 (2006.01) H04N 19/159 (2014.01) H04N 19/44 (2014.01) H04N 19/513 (2014.01) H04N 19/577 (2014.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR ENCODING AND DECODING MOTION VECTOR
- [54] PROCEDE ET APPAREIL POUR ENCODER ET DECODER UN VECTEUR DE MOUVEMENT
- [72] LEE, TAMMY, KR
- [72] HAN, WOO-JIN, KR
- [72] MIN, JUNG-HYE, KR
- [73] SAMSUNG ELECTRONICS CO., LTD., KR
- [86] (2880256)
- [87] (2880256)
- [22] 2011-01-14
- [62] 2,787,006
- [30] KR (10-2010-0003554) 2010-01-14

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,880,584**  
[13] C

- [51] Int.Cl. H04B 10/25 (2013.01)  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CLIENT SIGNAL IN OPTICAL TRANSPORT NETWORK**  
[54] **PROCEDE ET APPAREIL POUR TRANSMETTRE ET RECEVOIR UN SIGNAL CLIENT DANS UN RESEAU DE TRANSPORT OPTIQUE**  
[72] SU, WEI, CN  
[72] WU, QIUYOU, CN  
[72] DONG, LIMIN, CN  
[73] HUAWEI TECHNOLOGIES CO., LTD., CN  
[85] 2015-01-29  
[86] 2013-02-26 (PCT/CN2013/071898)  
[87] (WO2014/019359)  
[30] CN (201210268385.0) 2012-07-30
- 

[11] **2,881,842**  
[13] C

- [51] Int.Cl. C10B 21/10 (2006.01) C10B 21/16 (2006.01)  
[25] EN  
[54] **METHOD AND APPARATUS FOR VOLATILE MATTER SHARING IN STAMP-CHARGED COKE OVENS**  
[54] **PROCEDE ET APPAREIL POUR UN PARTAGE DE MATIERE VOLATILE DANS DES FOURS A COKE CHARGES PAR BATTAGE**  
[72] QUANCI, JOHN F., US  
[72] REILING, VINCE, US  
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US  
[85] 2015-02-12  
[86] 2013-08-13 (PCT/US2013/054721)  
[87] (WO2014/028482)  
[30] US (13/589,004) 2012-08-17
- 

[11] **2,881,971**  
[13] C

- [51] Int.Cl. F16K 11/074 (2006.01) F16K 31/04 (2006.01) F25B 5/02 (2006.01) F25B 41/04 (2006.01)  
[25] EN  
[54] **ELECTRIC VALVE AND REFRIGERATION SYSTEM COMPRISING SAME**  
[54] **ELECTROVANNE ET SYSTEME DE REFRIGERATION COMPORANT LADITE ELECTROVANNE**  
[72] JING, SONG, CN  
[72] WEI, BANGFU, CN  
[72] HUANG, YONGSHOU, CN  
[72] JIA, SHOUTAO, CN  
[72] LI, QINGSONG, CN  
[73] HEFEI MEILING CO., LTD., CN  
[85] 2015-02-12  
[86] 2012-11-08 (PCT/CN2012/001505)  
[87] (WO2014/040212)  
[30] CN (201210342662.8) 2012-09-16  
[30] CN (201210341884.8) 2012-09-16  
[30] CN (201210341897.5) 2012-09-16  
[30] CN (201210342043.9) 2012-09-16
- 

[11] **2,882,362**  
[13] C

- [51] Int.Cl. B29C 70/54 (2006.01) B29D 99/00 (2010.01) B29C 70/44 (2006.01) B29C 70/56 (2006.01)  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING FUSELAGE STRINGERS**  
[54] **PROCEDE ET APPAREIL POUR FORMER DES LISSES DE FUSELAGE**  
[72] COXON, BRAD A., US  
[72] KLEWIADA, MARK, US  
[72] WRIGHT, DONALD E., US  
[72] MODIN, ANDREW E., US  
[73] THE BOEING COMPANY, US  
[85] 2015-02-17  
[86] 2013-09-03 (PCT/US2013/057790)  
[87] (WO2014/058545)  
[30] US (13/650,502) 2012-10-12
- 

[11] **2,884,046**  
[13] C

- [51] Int.Cl. A01H 4/00 (2006.01) A01H 5/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)  
[25] EN  
[54] **AGROBACTERIUM MEDIATED METHOD FOR PRODUCING TRANSGENIC CORN COMPRISING INOCULATING CORN EMBRYOS**  
[54] **METHODE FONDEE SUR LES AGROBACTERIES POUR PRODUIRE DU MAIS TRANSGENIQUE COMPRENANT DES EMBRYONS DE MAIS D'ENSEMENCEMENT**  
[72] AKULA, ANISHA, US  
[72] DUNCAN, DAVID R., US  
[72] LOWE, BRENDY, US  
[72] MANN, MICHAEL T., US  
[72] PETERSEN, WILLIAM L., US  
[72] ROUT, JYOTI R., US  
[72] SONGSTAD, DAVID D., US  
[72] WILKS, JOEL B., US  
[72] ZHANG, WANGGEN, US  
[73] MONSANTO TECHNOLOGY LLC, US  
[86] (2884046)  
[87] (2884046)  
[22] 2007-08-31  
[62] 2,666,821  
[30] US (60/841,519) 2006-08-31
- 

[11] **2,884,519**  
[13] C

- [51] Int.Cl. E02D 27/42 (2006.01) E02D 27/32 (2006.01)  
[25] EN  
[54] **CONCRETE FORMING SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE COFFRAGE**  
[72] GOSS, RICHARD A., US  
[73] GOSS CONSTRUCTION, INC., US  
[85] 2015-03-10  
[86] 2012-09-14 (PCT/US2012/055628)  
[87] (WO2013/040495)  
[30] US (61/535,875) 2011-09-16

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,884,886**  
[13] C

- [51] Int.Cl. H01Q 9/04 (2006.01)
  - [25] EN
  - [54] DUAL LINEAR AND CIRCULARLY POLARIZED PATCH RADIATOR
  - [54] ELEMENT RAYONNANT EN PLAQUE A POLARISATION LINEAIRE DOUBLE ET CIRCULAIRE
  - [72] PALEVSKY, ALAN, US
  - [72] MAGNANI, JOHN J., US
  - [73] RAYTHEON COMPANY, US
  - [85] 2015-03-12
  - [86] 2013-10-31 (PCT/US2013/067648)
  - [87] (WO2014/081543)
  - [30] US (13/684,932) 2012-11-26
- 

[11] **2,885,312**  
[13] C

- [51] Int.Cl. A61L 15/42 (2006.01) A61F 13/02 (2006.01)
  - [25] EN
  - [54] OXYGEN DIFFUSIVE WOUND DRESSINGS
  - [54] PANSEMENTS DIFFUSANT DE L'OXYGENE
  - [72] DORIAN, RANDY, US
  - [72] IZVORSKI, ALEXANDER B., US
  - [72] STORRS, RICHARD W., US
  - [72] LEACH, MICHAEL D., US
  - [73] HANUMAN PELICAN, INC., US
  - [85] 2015-03-18
  - [86] 2013-08-14 (PCT/US2013/054937)
  - [87] (WO2014/058532)
  - [30] US (13/650,003) 2012-10-11
  - [30] US (13/692,343) 2012-12-03
- 

[11] **2,885,514**  
[13] C

- [51] Int.Cl. B62D 55/265 (2006.01) B62D 57/032 (2006.01)
  - [25] EN
  - [54] AUTONOMOUS CRAWLING ASSEMBLY SYSTEM
  - [54] SYSTEME D'ENSEMBLE RAMPANT AUTONOME
  - [72] GAMBOA, JAMES DARRYL, US
  - [73] THE BOEING COMPANY, US
  - [85] 2015-03-17
  - [86] 2013-09-16 (PCT/US2013/059842)
  - [87] (WO2014/070318)
  - [30] US (13/663,838) 2012-10-30
- 

---

[11] **2,885,850**  
[13] C

- [51] Int.Cl. B60K 23/00 (2006.01) F16H 59/36 (2006.01) F16H 61/00 (2006.01)
  - [25] EN
  - [54] TRANSMISSION SYSTEM FOR VEHICLE
  - [54] SYSTEME DE TRANSMISSION POUR VEHICULE
  - [72] MAKABE, TAKUMI, JP
  - [72] ARAI, DAI, JP
  - [72] YOHEI, ENDO, JP
  - [73] HONDA MOTOR CO., LTD., JP
  - [86] (2885850)
  - [87] (2885850)
  - [22] 2015-03-23
  - [30] JP (2014-069505) 2014-03-28
- 

[11] **2,885,854**  
[13] C

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01)
  - [25] EN
  - [54] ANTI-P-SELECTIN ANTIBODIES
  - [54] ANTICORPS ANTI-P-SELECTINE
  - [72] GRAUS, YVO, NL
  - [72] HIMBER, JACQUES, FR
  - [72] JANSEN-MOLENAAR, MIRANDA, NL
  - [72] KLING, DOROTHEE, DE
  - [72] KOPETZKI, ERHARD, DE
  - [72] PARREN, PAUL, NL
  - [72] REBERS, FRANK, NL
  - [72] STEINER, BEAT, CH
  - [72] STERN, ANNE, DE
  - [72] STREIN, PAMELA, DE
  - [72] STUBENRAUCH, KAY-GUNNAR, DE
  - [72] VAN DE WINKEL, JAN, NL
  - [72] VAN VUGT, MARTINE, NL
  - [73] F. HOFFMANN-LA ROCHE AG, CH
  - [86] (2885854)
  - [87] (2885854)
  - [22] 2005-04-05
  - [62] 2,561,533
  - [30] EP (04008722.3) 2004-04-13
- 

---

[11] **2,887,563**  
[13] C

- [51] Int.Cl. C07H 19/073 (2006.01) A61K 41/00 (2006.01) C07D 487/22 (2006.01)
  - [25] EN
  - [54] TARGETING THYMIDINE KINASE PHOTOSENSITIZER AND PHARMACEUTICAL COMPOSITION AND USE FOR CANCER TREATMENT THEREOF
  - [54] PHOTOSENSIBILISANT CIBLANT UNE THYMIDINE KINASE ET COMPOSITION PHARMACEUTIQUE ET UTILISATION POUR LE TRAITEMENT DU CANCER ASSOCIE
  - [72] PANDEY, RAVINDRA K., US
  - [72] CHEN, YIHUI, US
  - [72] BAI, HUA, CN
  - [72] CHEN, ZHENLIANG, CN
  - [73] ZHEJIANG HISUN PHARMACEUTICAL CO. LTD., CN
  - [85] 2015-04-07
  - [86] 2012-11-02 (PCT/CN2012/083977)
  - [87] (WO2014/056270)
  - [30] CN (201210394006.2) 2012-10-08
- 

[11] **2,887,772**  
[13] C

- [51] Int.Cl. A61K 31/407 (2006.01) A61K 9/08 (2006.01) A61K 31/137 (2006.01) A61K 47/02 (2006.01) A61K 47/12 (2006.01) A61P 27/04 (2006.01)
- [25] EN
- [54] STABLE PRESERVATIVE-FREE MYDRIATIC AND ANTI-INFLAMMATORY SOLUTIONS FOR INJECTION
- [54] SOLUTIONS MYDRIATIQUES ET ANTI-INFLAMMATOIRES STABLES SANS AGENTS DE CONSERVATION DESTINEES A ETRE INJECTEES
- [72] DEMOPULOS, GREGORY A., US
- [72] SHEN, HUI-RONG, US
- [72] TEDFORD, CLARK E., US
- [73] OMEROS CORPORATION, US
- [85] 2015-04-07
- [86] 2013-10-23 (PCT/US2013/066349)
- [87] (WO2014/066485)
- [30] US (61/718,026) 2012-10-24
- [30] US (61/736,179) 2012-12-12

**Canadian Patents Issued  
February 21, 2017**

---

**[11] 2,887,959**

[13] C

- [51] Int.Cl. A47L 5/30 (2006.01) A47L 9/10 (2006.01) A47L 9/30 (2006.01)  
 [25] EN  
 [54] UPRIGHT VACUUM CLEANER  
 [54] ASPIRATEUR VERTICAL  
 [72] THEISING, JOHN L., US  
 [73] EMERSON ELECTRIC CO., US  
 [86] (2887959)  
 [87] (2887959)  
 [22] 2015-04-13  
 [30] US (14/314,735) 2014-06-25
- 

**[11] 2,889,853**

[13] C

- [51] Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01)  
 [25] EN  
 [54] PROVIDING ON-DEMAND SERVICES THROUGH USE OF PORTABLE COMPUTING DEVICES  
 [54] FOURNITURE DE SERVICES A LA DEMANDE PAR L'UTILISATION DE DISPOSITIFS INFORMATIQUES PORTATIFS  
 [72] AMIN, SHALIN, US  
 [72] RADHAKRISHNAN, MINA, US  
 [72] HOLDEN, PAUL-PHILLIP, US  
 [72] CHAMBERS, CURTIS, US  
 [72] KALANICK, TRAVIS CORDELL, US  
 [72] EDGETON, CASEY, US  
 [73] UBER TECHNOLOGIES, INC., US  
 [85] 2015-04-28  
 [86] 2013-11-01 (PCT/US2013/068025)  
 [87] (WO2014/074407)  
 [30] US (13/672,634) 2012-11-08  
 [30] US (13/672,651) 2012-11-08  
 [30] US (13/672,655) 2012-11-08  
 [30] US (13/672,658) 2012-11-08  
 [30] US (13/672,661) 2012-11-08
- 

**[11] 2,891,319**

[13] C

- [51] Int.Cl. B05D 1/12 (2006.01) C08J 3/24 (2006.01) C09D 165/02 (2006.01) C09D 171/10 (2006.01) C09D 181/04 (2006.01) C09D 181/06 (2006.01)  
 [25] EN  
 [54] METHOD FOR PREPARING A HIGH TEMPERATURE POLYMER COATING  
 [54] PROCEDE PERMETTANT DE PREPARER UN REVETEMENT POLYMERIQUE HAUTE TEMPERATURE  
 [72] REN, JIAXIANG, US  
 [72] GERRARD, DAVID, US  
 [73] BAKER HUGHES INCORPORATED, US  
 [85] 2015-05-12  
 [86] 2013-10-24 (PCT/US2013/066574)  
 [87] (WO2014/084994)  
 [30] US (13/686,966) 2012-11-28
- 

**[11] 2,893,674**

[13] C

- [51] Int.Cl. H04L 12/02 (2006.01) H05K 7/00 (2006.01)  
 [25] EN  
 [54] NETWORK DEVICE  
 [54] DISPOSITIF DE RESEAU  
 [72] APRO, ATTILA, CA  
 [73] SIEMENS CANADA LIMITED, CA  
 [85] 2015-06-03  
 [86] 2013-12-04 (PCT/IB2013/060648)  
 [87] (WO2014/087356)  
 [30] US (61/733,565) 2012-12-05
- 

**[11] 2,894,078**

[13] C

- [51] Int.Cl. G06Q 10/10 (2012.01) H04L 12/16 (2006.01)  
 [25] EN  
 [54] FREE BUSY CALENDAR INTERFACE  
 [54] INTERFACE DE CALENDRIER INOCUPE OU OCCUPE  
 [72] MAY, DARRELL, CA  
 [73] BLACKBERRY LIMITED, CA  
 [86] (2894078)  
 [87] (2894078)  
 [22] 2006-04-03  
 [62] 2,541,619
- 

**[11] 2,894,874**

[13] C

- [51] Int.Cl. A45D 2/00 (2006.01) A45D 1/00 (2006.01) A45D 1/02 (2006.01) A45D 1/04 (2006.01) A45D 2/12 (2006.01) A45D 2/22 (2006.01) A45D 2/36 (2006.01) A45D 2/40 (2006.01) A45D 2/42 (2006.01) A45D 4/00 (2006.01) A45D 6/06 (2006.01) A45D 37/00 (2006.01)  
 [25] EN  
 [54] HAIR STYLING APPARATUS  
 [54] APPAREIL DE COIFFURE  
 [72] LEUNG, ANTHONY KIT LUN, CN  
 [73] CONAIR CORPORATION, US  
 [85] 2015-06-11  
 [86] 2013-12-13 (PCT/US2013/074937)  
 [87] (WO2014/093783)  
 [30] US (13/713,444) 2012-12-13
- 

**[11] 2,894,042**

[13] C

- [51] Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01)  
 [25] EN  
 [54] PLANT REGULATORY ELEMENTS AND USES THEREOF  
 [54] ELEMENTS REGULATEURS DE PLANTES ET LEURS UTILISATIONS  
 [72] FLASINSKI, STANISLAW, US  
 [72] DIETRICH, CHARLES R., US  
 [73] MONSANTO TECHNOLOGY LLC, US  
 [86] (2894042)  
 [87] (2894042)  
 [22] 2009-03-30  
 [62] 2,720,737  
 [30] US (61/042,957) 2008-04-07
-

Brevets canadiens délivrés  
21 février 2017

|  |
|--|
| [11] 2,896,744   |
| [13] C   |
| [51] Int.Cl. A61H 19/00 (2006.01) A61H 7/00 (2006.01) A61H 23/02 (2006.01) |
| [25] EN  |
| [54] DEVICES AND METHODS FOR PROMOTING FEMALE SEXUAL WELLNESS              |
| [54] DISPOSITIFS ET PROCEDES POUR FAVORISER LE BIEN-ETRE SEXUEL FEMININ    |
| [72] MAKOWER, JOSHUA, US   |
| [72] BRIGHT, EARL A., US   |
| [72] GOLDFARB, ERIC A., US   |
| [72] FERDINAND, ARTHUR, US   |
| [72] ACOSTA, PABLO, US   |
| [72] FACTEAU, WILLIAM M., US   |
| [72] WANG, SHARON LAM, US  |
| [72] GOLDENBERG, ALEX, US  |
| [72] STRASSER, MICHAEL, US   |
| [72] AZIZ, IMRAAN, US  |
| [72] LAMSON, KYLE, US  |
| [72] COLOMBO, JOHN, US   |
| [72] GRANGE, WILLIAM JUSTIN, US  |
| [72] CORDOBA, JOSE LUIS, ES  |
| [73] NUELLE, INC., US  |
| [85] 2015-06-26  |
| [86] 2013-11-29 (PCT/US2013/072450)  |
| [87] (WO2014/085736)   |
| [30] US (61/731,487) 2012-11-30  |
| [30] US (13/798,085) 2013-03-13  |
| [30] US (13/874,335) 2013-04-30  |
| [30] US (61/839,792) 2013-06-26  |
| [30] US (61/856,717) 2013-07-21  |
| [30] US (61/864,558) 2013-08-10  |

|   |
|---|
| [11] 2,896,859  |
| [13] C  |
| [51] Int.Cl. C09K 8/524 (2006.01) E21B 43/34 (2006.01)  |
| [25] EN   |
| [54] FUNCTIONALIZED SILICATE NANOPARTICLE COMPOSITION, REMOVING AND EXFOLIATING ASPHALTENES WITH SAME               |
| [54] COMPOSITION DE NANOParticule de silicate fonctionnalisee, elimination et exfoliation d'asphaltenes l'utilisant |
| [72] KHABASHESKU, VALERY, US  |
| [72] MAZYAR, OLEG, US   |
| [72] CHAKRABORTY, SOMA, US  |
| [72] AGRAWAL, GAURAV, US  |
| [72] HAIN, TOBY D., US  |
| [73] BAKER HUGHES INCORPORATED, US  |
| [85] 2015-06-29   |
| [86] 2013-12-27 (PCT/US2013/077918)   |
| [87] (WO2014/106007)  |
| [30] US (13/731,232) 2012-12-31   |

|   |
|---|
| [11] 2,898,736  |
| [13] C  |
| [51] Int.Cl. E21B 43/26 (2006.01)   |
| [25] EN   |
| [54] SYSTEMS AND METHODS FOR OPTIMIZED WELL CREATION IN A SHALE FORMATION                       |
| [54] SYSTEMES ET PROCÉDES DE CREATION OPTIMISEE DE PUITS DANS UNE FORMATION DE SCHISTE ARGILEUX |
| [72] FOWLER, STEWART, H., JR., US   |
| [72] SHARMA, AMIT, US   |
| [72] WENDLER, CURTIS E., US   |
| [72] HOLTZMAN, KEITH E., US   |
| [73] HALLIBURTON ENERGY SERVICES, INC., US  |
| [85] 2015-07-20   |
| [86] 2013-02-21 (PCT/US2013/027115)   |
| [87] (WO2014/130036)  |

|   |
|---|
| [11] 2,898,724  |
| [13] C  |
| [51] Int.Cl. C10L 5/00 (2006.01)                            |
| [25] EN   |
| [54] METHOD FOR PRODUCING RESIDUE COAL                      |
| [54] PROCEDE POUR LA PRODUCTION DE CHARBON RESIDUAIRE       |
| [72] SAKAI, KOJI, JP  |
| [72] OKUYAMA, NORIYUKI, JP                                  |
| [72] YOSHIDA, TAKUYA, JP                                    |
| [72] KINOSHITA, SHIGERU, JP                                 |
| [73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP |
| [85] 2015-07-20   |
| [86] 2014-02-07 (PCT/JP2014/052975)                         |
| [87] (WO2014/126024)  |
| [30] JP (2013-025509) 2013-02-13                            |

|   |
|---|
| [11] 2,899,304  |
| [13] C  |
| [51] Int.Cl. B29C 39/00 (2006.01) B29D 99/00 (2010.01) A63B 59/20 (2015.01) |
| [25] EN   |
| [54] LACROSSE HEAD POCKET AND RELATED METHOD OF MANUFACTURE                 |
| [54] POCHETTE DE TETE DE BATON DE CROSSE ET METHODE DE FABRICATION CONNEXE  |
| [72] MORROW, DAVID K., US   |
| [72] HUFFA, BRUCE, US   |
| [72] BURNS, THOMAS H., US   |
| [72] JANISSE, RICHARD J., CA  |
| [72] SLATER, SEAN J., US  |
| [72] KOHLER, DALE W., US  |
| [72] HERMAN, CRAIG M., US   |
| [72] PAQUETTE, ADAM D., US  |
| [73] WARRIOR SPORTS, INC., US   |
| [86] (2899304)  |
| [87] (2899304)  |
| [22] 2015-08-04   |
| [30] US (62/034,252) 2014-08-07   |
| [30] US (62/067,151) 2014-10-22   |
| [30] US (62/111,837) 2015-02-04   |
| [30] US (62/147,795) 2015-04-15   |
| [30] US (14/815,001) 2015-07-31   |
| [30] US (14/815,035) 2015-07-31   |
| [30] US (14/815,057) 2015-07-31   |
| [30] US (14/815,100) 2015-07-31   |
| [30] US (14/815,117) 2015-07-31   |
| [30] US (14/815,145) 2015-07-31   |
| [30] US (14/815,172) 2015-07-31   |
| [30] US (14/815,186) 2015-07-31   |
| [30] US (14/815,201) 2015-07-31   |

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,899,663**  
[13] C

- [51] Int.Cl. G01R 31/02 (2006.01)
  - [25] EN
  - [54] NODE ENERGY DIAGNOSIS METHOD FOR FAULT OF SWITCHED RELUCTANCE MOTOR DOUBLE-SWITCH POWER CONVERTER
  - [54] PROCEDE DE DIAGNOSTIC D'ENERGIE DE NUD POUR DEFAUT DE CONVERTISSEUR DE PUISSANCE DOUBLE COMMUTATEUR DE MOTEUR A RELUCTANCE COMMUTEE
  - [72] CHEN, HAO, CN
  - [72] WANG, XING, CN
  - [73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
  - [85] 2015-07-29
  - [86] 2013-04-19 (PCT/CN2013/074455)
  - [87] (WO2014/121557)
  - [30] CN (201310045221.6) 2013-02-05
- 

[11] **2,903,337**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1K0H1
  - [54] MAIS ENDOGANE PH1K0H1
  - [72] WHITAKER, DAVID WALTER, US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903337)
  - [87] (2903337)
  - [22] 2015-09-03
- 

[11] **2,903,338**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1V5T
  - [54] MAIS ENDOGANE PH1V5T
  - [72] VERDE CHIFFLET, LUIS A., US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903338)
  - [87] (2903338)
  - [22] 2015-09-03
- 

[11] **2,903,339**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1VTJ
  - [54] MAIS ENDOGANE PH1VTJ
  - [72] FISCHER, DAVID B., US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903339)
  - [87] (2903339)
  - [22] 2015-09-03
- 

[11] **2,903,346**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH2DVF
  - [54] MAIS ENDOGANE PH2DVF
  - [72] WHITAKER, DAVID WALTER, US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903346)
  - [87] (2903346)
  - [22] 2015-09-03
  - [30] US (14/623,609) 2015-02-17
- 

[11] **2,903,347**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01C 1/00 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH26NC
  - [54] MAIS ENDOGANE PH26NC
  - [72] MAHMOOD, TARIQ, CA
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903347)
  - [87] (2903347)
  - [22] 2015-09-03
  - [30] US (14/623,613) 2015-02-17
- 

[11] **2,903,348**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH18GP
  - [54] MAIS ENDOGANE PH18GP
  - [72] PINNISCH, RUSSEL MILES, US
  - [72] KRAMER, JOACHIM ERNST, AT
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903348)
  - [87] (2903348)
  - [22] 2015-09-03
  - [30] US (14/623,604) 2015-02-17
- 

[11] **2,903,349**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1WO3
  - [54] MAIS ENDOGANE PH1WO3
  - [72] TARTER, JENNIFER ANN, US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903349)
  - [87] (2903349)
  - [22] 2015-09-03
- 

[11] **2,903,350**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12P 19/00 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) A01N 25/32 (2006.01)
- [25] EN
- [54] MAIZE INBRED PH18HB
- [54] MAIS ENDOGANE PH18HB
- [72] PINNISCH, RUSSEL MILES, US
- [72] KRAMER, JOACHIM ERNST, AT
- [73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2903350)
- [87] (2903350)
- [22] 2015-09-03

**Brevets canadiens délivrés  
21 février 2017**

---

**[11] 2,903,351**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1M77
  - [54] MAIS ENDOGAMÉ PH1M77
  - [72] GARCIA, GUSTAVO MARCELO, CA
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903351)
  - [87] (2903351)
  - [22] 2015-09-03
- 

**[11] 2,903,353**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1W4Z
  - [54] MAIS ENDOGAMÉ PH1W4Z
  - [72] WEBER, GERHARD P., US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903353)
  - [87] (2903353)
  - [22] 2015-09-03
- 

**[11] 2,903,355**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1W6W
  - [54] MAIS ENDOGAMÉ PH1W6W
  - [72] MAHMOOD, TARIQ, CA
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903355)
  - [87] (2903355)
  - [22] 2015-09-03
  - [30] US (14/623,639) 2015-02-17
- 

---

**[11] 2,903,379**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH259Y
  - [54] MAIS ENDOGAMÉ PH259Y
  - [72] GRANT, KELVIN GRANDY, US
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903379)
  - [87] (2903379)
  - [22] 2015-09-03
  - [30] US (14/623,660) 2015-02-17
- 

**[11] 2,903,381**  
[13] C

- [51] Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12P 19/00 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) A01N 25/32 (2006.01)
  - [25] EN
  - [54] MAIZE INBRED PH1W9B
  - [54] MAIS ENDOGAMÉ PH1W9B
  - [72] GARCIA, GUSTAVO MARCELO, CA
  - [73] PIONEER HI-BRED INTERNATIONAL, INC., US
  - [86] (2903381)
  - [87] (2903381)
  - [22] 2015-09-03
  - [30] US (14/623,642) 2015-02-17
- 

---

**[11] 2,905,079**  
[13] C

- [51] Int.Cl. E04B 1/84 (2006.01) E04C 2/04 (2006.01)
  - [25] EN
  - [54] GYPSUM-PANEL ACOUSTICAL MONOLITHIC CEILING
  - [54] PLAFOND MONOLITHIQUE ACOUSTIQUE A PANNEAU DE GYPSE
  - [72] DUGAN, ERIN, US
  - [72] MIKLOSZ, MARK, US
  - [72] BURY, RAFAEL, US
  - [72] YEUNG, LEE K., US
  - [72] FRANK, WILLIAM A., US
  - [72] GULBRANDSEN, PEDER J., US
  - [73] USG INTERIORS, LLC, US
  - [85] 2015-09-09
  - [86] 2014-03-14 (PCT/US2014/027518)
  - [87] (WO2014/143660)
  - [30] US (13/832,107) 2013-03-15
  - [30] US (14/135,821) 2013-12-20
- 

**[11] 2,909,393**  
[13] C

- [51] Int.Cl. F23R 3/00 (2006.01) B22D 17/00 (2006.01) B22F 3/10 (2006.01) F02C 7/24 (2006.01) F23R 3/60 (2006.01)
- [25] EN
- [54] COMBUSTOR HEAT SHIELD WITH INTEGRATED LOUVER AND METHOD OF MANUFACTURING THE SAME
- [54] BOUCLIER THERMIQUE DE CHAMBRE DE COMBUSTION AVEC AERATEUR ET PROCEDE DE FABRICATION
- [72] PATEL, BHAWAN B., CA
- [72] MARKARIAN, LORIN, CA
- [72] DESPRES, MELISSA, CA
- [73] PRATT & WHITNEY CANADA CORP., CA
- [86] (2909393)
- [87] (2909393)
- [22] 2008-06-10
- [62] 2,634,515
- [30] US (11/771,141) 2007-06-29

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,912,115**

[13] C

- [51] Int.Cl. F04B 47/06 (2006.01) E21B 43/12 (2006.01) F04B 17/03 (2006.01) F04B 53/12 (2006.01) F04B 53/14 (2006.01) F04B 53/16 (2006.01) H02K 5/132 (2006.01) H02K 7/14 (2006.01) H02K 33/00 (2006.01) H02K 41/02 (2006.01)
- [25] EN
- [54] OIL-SUBMERSIBLE LINEAR MOTOR OIL EXTRACTION SYSTEM
- [54] SYSTEME D'EXTRACTION DE PETROLE A MOTEUR LINEAIRE SUBMERSIBLE DANS LE PETROLE
- [72] WANG, GUANGNENG, CN
- [72] CAO, HUI, CN
- [72] ZHANG, PENGYONG, CN
- [72] GAO, YUNFENG, CN
- [73] HAN'S LASER TECHNOLOGY INDUSTRY GROUP CO., LTD., CN
- [73] SHENZHEN HAN'S MOTOR S&T CO., LTD., CN
- [85] 2015-11-10
- [86] 2013-12-26 (PCT/CN2013/090532)
- [87] (WO2015/096085)
- 

[11] **2,913,324**

[13] C

- [51] Int.Cl. F16B 25/00 (2006.01)
- [25] EN
- [54] SCREW
- [54] VIS
- [72] HUBMANN, GERHARD, AT
- [73] AVVIO GMBH & CO KG, AT
- [85] 2015-11-24
- [86] 2014-05-23 (PCT/EP2014/060633)
- [87] (WO2014/191310)
- [30] TW (102210076) 2013-05-30
- 

[11] **2,915,421**

[13] C

- [51] Int.Cl. C08J 5/04 (2006.01)
- [25] EN
- [54] A FIBER MAT REINFORCED RESIN COMPOSITE
- [54] COMPOSITE DE RESINE RENFORCE PAR UN FEUTRE DE FIBRES
- [72] BIESALSKI, MARKUS, DE
- [72] REHAHN, MATTHIAS, DE
- [72] KLEIN, ROLAND, DE
- [72] MEHLHASE, SABRINA, DE
- [72] BAASKE, MATTHIAS, DE
- [72] DIETZ, JENNIFER, DE
- [72] SCHABEL, SAMUEL, DE
- [72] KROLING, HENRI, DE
- [72] BUTER, ANDREAS, DE
- [72] FLECKENSTEIN, JOHANNA, DE
- [72] NUBBO, NARMIN, DE
- [72] MILETZKY, FRANK, DE
- [72] ENDRES, ANGELIKA, DE
- [72] DUETSCH, MICHAEL, DE
- [72] RINGENA, OKKO, DE
- [72] VALKONEN, SANNA, FI
- [73] UPM-KYMMENE CORPORATION, FI
- [85] 2015-12-14
- [86] 2014-06-24 (PCT/FI2014/050505)
- [87] (WO2014/207308)
- [30] FI (20135716) 2013-06-28
- 

[11] **2,916,268**

[13] C

- [51] Int.Cl. B62K 15/00 (2006.01)
- [25] EN
- [54] ARTICULATING, LOCKING BICYCLE STEM
- [54] POTENCE DE BICYCLETTE ARTICULEE ET BLOQUANTE
- [72] TAYLOR, TIMOTHY K., CA
- [73] TAYLOR, TIMOTHY K., CA
- [86] (2916268)
- [87] (2916268)
- [22] 2015-12-23
- 

[11] **2,917,244**

[13] C

- [51] Int.Cl. A47J 31/42 (2006.01) A47J 31/057 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) B65D 85/808 (2006.01)
- [25] EN
- [54] BREWED BEVERAGE APPLIANCE AND METHOD
- [54] APPAREIL DE BOISSON INFUSEE ET PROCEDE
- [72] LAI, KIN MAN, CN
- [72] FUNG, KAM FAI, CN
- [72] ORENT, JILL FRANCES KREUTZER, US
- [72] SCHNABEL, BARBARA LYNN, US
- [73] CONAIR CORPORATION, US
- [86] (2917244)
- [87] (2917244)
- [22] 2012-06-25
- [62] 2,819,054
- [30] US (13/231021) 2011-09-13
- 

[11] **2,917,345**

[13] C

- [51] Int.Cl. C25D 11/26 (2006.01) C25D 11/02 (2006.01)
- [25] EN
- [54] METAL PLATE
- [54] PLAQUE METALLIQUE
- [72] ANDEXLINGER, HELMUT, AT
- [72] FENNES, PAUL, AT
- [72] GNADENBERGER, ALFRED, AT
- [72] GRILL, ROBERT, AT
- [72] WAHNER, HERBERT, AT
- [72] WALDHAUSL, HEINZ, AT
- [73] MUNZE OSTERREICH AG, AT
- [85] 2016-01-05
- [86] 2014-06-25 (PCT/AT2014/000131)
- [87] (WO2015/000003)
- [30] AT (A 565/2013) 2013-07-05

**Brevets canadiens délivrés  
21 février 2017**

---

[11] **2,918,230**  
[13] C

- [51] Int.Cl. H02K 7/06 (2006.01) H02K 11/00 (2016.01)  
[25] EN  
[54] LINEAR ACTUATOR AND ROCKING CONTROLLER FOR RAILWAY VEHICLE  
[54] ACTIONNEUR LINÉAIRE ET DISPOSITIF DE COMMANDE D'OSCILLATION POUR UNE VOITURE FERROVIAIRE  
[72] TAMAI, MASAFUMI, JP  
[72] GOTO, OSAMU, JP  
[73] MOOG JAPAN LTD., JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2016-01-13  
[86] 2014-07-11 (PCT/JP2014/003703)  
[87] (WO2015/008471)  
[30] JP (2013-147737) 2013-07-16
- 

[11] **2,918,702**  
[13] C

- [51] Int.Cl. F01D 9/04 (2006.01) F01D 9/06 (2006.01) F01D 25/16 (2006.01) F01D 25/24 (2006.01)  
[25] FR  
[54] TURBINE ENGINE CASING AND MANUFACTURING METHOD  
[54] CARTER DE TURBOMACHINE ET PROCEDE DE FABRICATION  
[72] DUBOIS, MARGAUX JUSTINE EMMA, FR  
[72] PERSE, ERWAN PIERRE ANTOINE, FR  
[72] BADER, VALENTINE, FR  
[72] TRZEBSKI, JEAN-PIERRE, FR  
[73] SNECMA, FR  
[85] 2016-01-19  
[86] 2014-07-25 (PCT/FR2014/051935)  
[87] (WO2015/015101)  
[30] FR (1357487) 2013-07-29
- 

[11] **2,921,889**  
[13] C

- [51] Int.Cl. F04B 39/06 (2006.01) F04B 35/04 (2006.01) F04B 35/06 (2006.01) F04B 39/12 (2006.01) F04B 53/12 (2006.01) F04B 53/14 (2006.01) F04B 53/16 (2006.01)  
[25] EN  
[54] RECIPROCATING COMPRESSOR OR PUMP AND A PORTABLE TOOL POWERING SYSTEM INCLUDING A RECIPROCATING COMPRESSOR  
[54] COMPRESSEUR OU POMPE ALTERNATIFS ET SYSTEME D'ENTRAINEMENT D'OUTIL PORTATIF COMPRENANT UN COMPRESSEUR ALTERNATIF  
[72] SCHUETZLE, LARRY ALVIN, CA  
[72] PENNER, LLOYD DEAN, CA  
[73] SCHUETZLE, LARRY ALVIN, CA  
[86] (2921889)  
[87] (2921889)  
[22] 2007-06-08  
[62] 2,866,734  
[30] US (60/804,216) 2006-06-08
- 

[11] **2,923,128**  
[13] C

- [51] Int.Cl. B32B 3/24 (2006.01) A41D 31/00 (2006.01) B32B 3/26 (2006.01) B32B 15/08 (2006.01) B32B 37/02 (2006.01) B32B 38/04 (2006.01)  
[25] EN  
[54] THERMALLY INSULATED PERSONAL ARTICLE AND SLEEPING BAG LINERS  
[54] ARTICLE PERSONNEL THERMO ISOLE ET DOUBLURES DE SAC DE COUCHAGE  
[72] OROLOGIO, FURIO, CA  
[73] OROLOGIO, FURIO, CA  
[85] 2016-05-16  
[86] 2015-09-18 (PCT/CA2015/050921)  
[87] (2923128)  
[30] CA (2,864,232) 2014-09-19  
[30] CA (2,866,654) 2014-10-03
- 

[11] **2,924,145**  
[13] C

- [51] Int.Cl. F16H 15/28 (2006.01) F02B 67/06 (2006.01)  
[25] EN  
[54] CONTINUOUSLY VARIABLE TRANSMISSION  
[54] TRANSMISSION A VARIATION CONTINUE  
[72] THOMASSY, FERNAND A., US  
[72] LOHR, CHARLES B., US  
[72] POHL, BRAD P., US  
[72] MCBROOM, SCOTT T., US  
[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US  
[86] (2924145)  
[87] (2924145)  
[22] 2008-10-14  
[62] 2,740,194
- 

[11] **2,927,670**  
[13] C

- [51] Int.Cl. F16M 13/02 (2006.01) B64D 11/00 (2006.01) F16M 11/06 (2006.01) G06F 1/16 (2006.01) G06F 1/26 (2006.01) H02H 3/06 (2006.01) H02J 7/00 (2006.01) H05K 7/14 (2006.01)  
[25] EN  
[54] INFRASTRUCTURE FOR MOBILE DEVICES AND ELECTRONIC LOOSE EQUIPMENT  
[54] INFRASTRUCTURE POUR DISPOSITIFS MOBILES ET EQUIPEMENT NON FIXE ELECTRONIQUE  
[72] BELL, JAMES EDWARD, CA  
[72] DONIA, DANIEL MIRCEA, CA  
[73] INGENIO AEROSPACE, CA  
[85] 2016-04-15  
[86] 2014-10-20 (PCT/CA2014/051008)  
[87] (WO2015/054796)  
[30] US (61/892,721) 2013-10-18
- 

[11] **2,929,493**  
[13] C

- [51] Int.Cl. B63H 9/02 (2006.01)  
[25] EN  
[54] PROPULSION SYSTEMS FOR AQUATIC VESSELS  
[54] SYSTEMES DE PROPULSION POUR NAVIRES AQUATIQUES  
[72] LEVANDER, KAI, FI  
[72] RISKI, TUOMAS, FI  
[72] HUHTINEN, HEIKKI JUHANI, FI  
[73] NORSEPOWER OY LTD, FI  
[85] 2016-05-03  
[86] 2014-11-11 (PCT/FI2014/050847)  
[87] (WO2015/071537)  
[30] GB (1320260.1) 2013-11-17

**Canadian Patents Issued  
February 21, 2017**

---

[11] **2,929,913**

[13] C

[51] Int.Cl. E04B 1/342 (2006.01) E04B  
1/19 (2006.01) E04B 1/32 (2006.01)  
E04C 3/40 (2006.01) E04H 6/44  
(2006.01)

[25] EN

[54] A SHELTER, A CURVED  
ELEMENT AND A USE OF A  
SHELTER

[54] ABRI, ELEMENT INCURVE ET  
UTILISATION D'UN ABRI

[72] KASANEN, TOMMI, FI

[72] VIHONEN, PEKKA, FI

[73] KT-SHELTER OY, FI

[85] 2016-05-13

[86] 2014-10-02 (PCT/FI2014/050748)

[87] (WO2015/071531)

[30] FI (20136131) 2013-11-15

---

[11] **2,931,223**

[13] C

[51] Int.Cl. C25B 15/08 (2006.01) C07C  
1/12 (2006.01) C25B 1/02 (2006.01)

[25] EN

[54] SULPHUR-ASSISTED CARBON  
CAPTURE AND UTILIZATION  
(CCU) METHODS AND SYSTEMS

[54] CAPTURE DE CARBONE AU  
MOYEN DE SOUFRE ET  
METHODES ET SYSTEMES  
D'UTILISATION

[72] WOJAK, BOGDAN, CA

[73] WOJAK, BOGDAN, CA

[86] (2931223)

[87] (2931223)

[22] 2016-05-26

[30] WO (PCT/CA2016/050235) 2016-03-04

# Canadian Applications Open to Public Inspection

February 5, 2017 to February 11, 2017

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

---

[21] **2,899,351**  
[13] A1

- [51] Int.Cl. G06F 3/041 (2006.01) G06F 3/0488 (2013.01) G01B 7/004 (2006.01) G06F 3/033 (2013.01) G06F 3/044 (2006.01) G10K 15/06 (2006.01) H03K 17/94 (2006.01) H05F 7/00 (2006.01)  
[25] EN  
[54] TANGIBLE USER INTERFACES FOR TOUCH SYSTEMS WITHOUT NEED OF USERS CAPACITANCE  
[54] INTERFACES UTILISATEUR TANGIBLES DESTINEES A DES SYSTEMES TACTILES SANS NECESSITER LA CAPACITE DES UTILISATEURS  
[72] MATULIS, HENRIQUE, CA  
[71] MATULIS, HENRIQUE, CA  
[22] 2015-08-05  
[41] 2017-02-05
- 

[21] **2,899,396**  
[13] A1

- [51] Int.Cl. A01G 25/16 (2006.01) A01G 25/00 (2006.01)  
[25] EN  
[54] PLANT WATERING NEED MONITOR  
[54] MONITEUR DE BESOIN D'ARROSAGE DE VEGETAUX  
[72] KOFFSKI, SAM, CA  
[71] KOFFSKI, SAM, CA  
[22] 2015-08-05  
[41] 2017-02-05
- 

[21] **2,899,519**  
[13] A1

- [51] Int.Cl. E21B 7/04 (2006.01) E21B 7/08 (2006.01)  
[25] EN  
[54] DIRECTIONAL DRILLING MOTOR  
[54] MOTEUR DE FORAGE DIRECTIONNEL  
[72] FOOTE, DEAN N., CA  
[72] KAMINSKI, JOHN, CA  
[72] WILLIAMS, JASON, CA  
[71] CATHEDRAL ENERGY SERVICES LTD., CA  
[22] 2015-08-06  
[41] 2017-02-06
- 

---

[21] **2,899,427**  
[13] A1

- [51] Int.Cl. G06F 21/36 (2013.01)  
[25] EN  
[54] DYNAMIC USER AUTHENTICATION BY MEANS OF USER-SUPPLIED IMAGES  
[54] AUTHENTIFICATION UTILISATEUR DYNAMIQUE AU MOYEN D'IMAGES FOURNIES PAR L'UTILISATEUR  
[72] BATORAY, KEMAL MURAT, CA  
[72] LOWTHER, JAMES W., CA  
[71] BATORAY, KEMAL MURAT, CA  
[71] LOWTHER, JAMES W., CA  
[22] 2015-08-05  
[41] 2017-02-05
- 

[21] **2,899,480**  
[13] A1

- [51] Int.Cl. A63B 69/00 (2006.01) A63B 69/20 (2006.01) A63B 69/26 (2006.01)  
[25] EN  
[54] DEVICE FOR PRACTICING AERIAL SOCCER SKILLS  
[54] APPAREIL DE PRATIQUE D'HABILITES DE JEUX DE SOCCER DANS LES AIRS  
[72] MATUTE SALGADO, JOSE LUIS, CA  
[71] MATUTE SALGADO, JOSE LUIS, CA  
[22] 2015-08-06  
[41] 2017-02-06
- 

---

[21] **2,899,525**  
[13] A1

- [51] Int.Cl. E01C 21/00 (2006.01) A01B 13/14 (2006.01) A01B 17/00 (2006.01) E01C 23/06 (2006.01) E02D 3/00 (2006.01) E02F 3/76 (2006.01)  
[25] EN  
[54] SURFACE CONDITIONING SYSTEM  
[54] SYSTEME DE CONDITIONNEMENT DE SURFACE  
[72] MEREDITH, HARRY, CA  
[71] MEREDITH, HARRY, CA  
[22] 2015-08-06  
[41] 2017-02-06
- 

[21] **2,899,551**  
[13] A1

- [51] Int.Cl. B05D 1/34 (2006.01) B05B 3/02 (2006.01)  
[25] EN  
[54] SPRAY COATING SYSTEM AND METHOD  
[54] SYSTEME DE REVETEMENT PAR PULVERISATION ET METHODE  
[72] CHISM, STEVEN D., US  
[72] CHISM, JOSHUA D., US  
[72] HATTEMAR, OWEN, US  
[72] JENKINS, ANDREW, US  
[71] HARTMAN WALSH CORP., US  
[22] 2015-08-05  
[41] 2017-02-05
- 

[21] **2,899,671**  
[13] A1

- [51] Int.Cl. A44C 9/00 (2006.01) A44C 27/00 (2006.01)  
[25] EN  
[54] A RING ASSEMBLY WITH INNER AND OUTER MOVABLE RING BODIES  
[54] UN ASSEMBLAGE D'ANNEAU DOTE DE CORPS D'ANNEAU INTERNE ET EXTERNE MOBILES  
[72] MALO, HABL, CA  
[71] MALO, HABL, CA  
[22] 2015-08-06  
[41] 2017-02-06

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|   |
|---|
| [21] <b>2,899,767</b><br>[13] A1  |
| [51] Int.Cl. H04R 25/00 (2006.01) H02J 50/10 (2016.01) H01F 38/14 (2006.01) H02J 7/00 (2006.01) |
| [25] EN   |
| [54] HEARING ASSISTANCE DEVICE  |
| [54] DISPOSITIF DE PROTHESE AUDITIVE  |
| [72] PONOMAREV, VLADIMIR, CA  |
| [71] PONOMAREV, VLADIMIR, CA  |
| [22] 2015-08-07   |
| [41] 2017-02-07   |

---

|  |
|--|
| [21] <b>2,899,800</b><br>[13] A1                     |
| [51] Int.Cl. G09B 7/00 (2006.01) G09B 5/02 (2006.01) |
| [25] EN  |
| [54] SITUATIONAL RESPONSE OPTIMIZATION SPACE         |
| [54] ESPACE D'OPTIMISATION DE REPONSE SITUATIONNELLE |
| [72] KUBIAK, BRIAN, US                               |
| [72] LANDSVERK, JOEL, US                             |
| [72] O'HERN, CAROL, US                               |
| [71] J.J. KELLER & ASSOCIATES, INC., US              |
| [22] 2015-08-05                                      |
| [41] 2017-02-05                                      |

---

|  |
|--|
| [21] <b>2,899,839</b><br>[13] A1   |
| [51] Int.Cl. C08F 4/6592 (2006.01) C08F 2/04 (2006.01) C08F 210/16 (2006.01)     |
| [25] EN  |
| [54] CATALYST MODIFICATION TO CONTROL POLYMER ARCHITECTURE                       |
| [54] MODIFICATION DE CATALYSEUR EN VUE DE CONTROLER L'ARCHITECTURE D'UN POLYMERÉ |
| [72] MORRISON, DARRYL J., CA   |
| [72] SALOMONS, STEPHEN, CA   |
| [72] JABER, ISAM, CA   |
| [71] NOVA CHEMICALS CORPORATION, CA  |
| [22] 2015-08-06  |
| [41] 2017-02-06  |

---

|   |
|---|
| [21] <b>2,899,911</b><br>[13] A1  |
| [51] Int.Cl. A47K 5/13 (2006.01) F04B 9/14 (2006.01) F04B 13/02 (2006.01) |
| [25] EN   |
| [54] DUAL PUMP HAND CLEANER FOAM DISPENSER                                |
| [54] DISTRIBUTEUR A DOUBLE POMPE DE MOUSSE NETTOYANTE POUR LES MAINS      |
| [72] OPHARDT, HEINER, CH  |
| [72] SHI, ZHENCHUN (TONY), CA   |
| [72] JONES, ANDREW, CA  |
| [71] OP-HYGIENE IP GMBH, CH   |
| [22] 2015-08-07   |
| [41] 2017-02-07   |

---

|   |
|---|
| [21] <b>2,900,033</b><br>[13] A1  |
| [51] Int.Cl. A45C 13/22 (2006.01) A45C 5/03 (2006.01) A45C 5/14 (2006.01) |
| [25] EN   |
| [54] DUAL FUNCTION LUGGAGE HANDLE ASSEMBLY                                |
| [54] DISPOSITIF DE POIGNEE DE BAGAGE A DOUBLE FONCTION                    |
| [72] LAVOIE, JOHN, CA   |
| [72] WILSON, SUSAN, CA  |
| [72] WILSON, DAVID, CA  |
| [71] LAVOIE, JOHN, CA   |
| [71] WILSON, SUSAN, CA  |
| [71] WILSON, DAVID, CA  |
| [22] 2015-08-07   |
| [41] 2017-02-07   |

---

|  |
|--|
| [21] <b>2,899,939</b><br>[13] A1   |
| [51] Int.Cl. A61K 8/9789 (2017.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01) |
| [25] EN  |
| [54] GLISS'N NECTAR COSMETIC COMPOSITION                                     |
| [54] COMPOSITION COSMETIQUE GLISS'N NECTAR                                   |
| [72] SINCLAIR, RODRICK A., US  |
| [71] SINCLAIR, RODRICK A., CA  |
| [22] 2015-08-10  |
| [41] 2017-02-10  |

---

|  |
|--|
| [21] <b>2,899,982</b><br>[13] A1                     |
| [51] Int.Cl. F24F 1/04 (2011.01) F24F 1/50 (2011.01) |
| [25] EN  |
| [54] MOBILE AIR CONDITIONER                          |
| [54] CONDITIONNEUR D'AIR MOBILE                      |
| [72] CHIU, MING-TSUNG, TW                            |
| [71] NEW WIDETECH INDUSTRIES CO., LTD., TW           |
| [22] 2015-08-11                                      |
| [41] 2017-02-11                                      |

---

|  |
|--|
| [21] <b>2,900,058</b><br>[13] A1   |
| [51] Int.Cl. A61F 5/01 (2006.01)   |
| [25] EN  |
| [54] ADJUSTABLE ORTHOTIC FOOT BRACE AND METHOD FOR OBTAINING A FOOT BRACE MEASUREMENT              |
| [54] SUPPORT DE PIED ORTHOPEDIQUE AJUSTABLE ET METHODE D'OBTENTION D'UNE MESURE DE SUPPORT DE PIED |
| [72] SAVARD, STEPHANE, CA  |
| [71] ORTHESES TURBOMED INC. / TURBOMED ORTHOTICS INC., CA  |
| [22] 2015-08-07  |
| [41] 2017-02-07  |

---

|   |
|---|
| [21] <b>2,900,158</b><br>[13] A1  |
| [51] Int.Cl. E21B 43/24 (2006.01) E21B 34/06 (2006.01) G05D 7/00 (2006.01)                              |
| [25] EN   |
| [54] A FLOW CONTROL DEVICE AND METHODS FOR THERMAL MOBILIZATION OF HYDROCARBONS                         |
| [54] UN DISPOSITIF DE CONTROLE D'ECOULEMENT ET DES METHODES DE MOBILISATION THERMIQUE DES HYDROCARBURES |
| [72] LETOURNEAU, DAVID MICHAEL, CA  |
| [72] HUGHES, MATTHEW JAMES, CA  |
| [71] VARIPERM (CANADA) LIMITED, CA  |
| [71] ALBERTA FLUX SOLUTIONS LTD., CA  |
| [22] 2015-08-11   |
| [41] 2017-02-11   |

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

---

|   |
|---|
| <p>[21] <b>2,900,170</b><br/>[13] A1</p> <p>[51] Int.Cl. G09G 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CALIBRATION OF PIXEL BASED ON IMPROVED REFERENCE VALUES</p> <p>[54] ETALONNAGE DE PIXEL FONDE SUR DES VALEURS DE REFERENCE AMELIOREES</p> <p>[72] CHAJI, GHOLAMREZA, CA</p> <p>[71] IGNIS INNOVATION INC., CA</p> <p>[22] 2015-08-07</p> <p>[41] 2017-02-07</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,900,177</b><br/>[13] A1</p> <p>[51] Int.Cl. G07F 17/24 (2006.01) G07C 1/30 (2006.01)</p> <p>[25] EN</p> <p>[54] SINGLE SPACE PARKING METER RETROFIT</p> <p>[54] RENOVATION D'UN PARCOMETRE POUR ESPACE UNIQUE</p> <p>[72] MACKAY, GEORGE, CA</p> <p>[72] MACKAY, JAMES GEORGE, CA</p> <p>[72] O'NEIL, ADRIAN IGNATIUS, CA</p> <p>[72] COSH, ROBERT STEVEN, CA</p> <p>[72] CAMERON, DARREN SCOTT, CA</p> <p>[72] CHAUVIN, GREGORY EMILE, CA</p> <p>[72] MCMULLIN, DAVID ANDREW, CA</p> <p>[72] BROWN, MICHAEL, CA</p> <p>[72] WATSON, MATTHEW, CA</p> <p>[71] J.J. MACKAY CANADA LIMITED, CA</p> <p>[22] 2015-08-11</p> <p>[41] 2017-02-11</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,900,182</b><br/>[13] A1</p> <p>[51] Int.Cl. E02F 5/10 (2006.01) F16L 1/028 (2006.01) F16L 1/036 (2006.01) F16L 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR CULVERT CRUSHING</p> <p>[54] METHODE ET APPAREIL DE BROYAGE DE PONCEAU</p> <p>[72] CLARKE, WILLIAM G., CA</p> <p>[72] WENTWORTH, STEVEN W., US</p> <p>[71] EARTH TOOL COMPANY LLC, US</p> <p>[71] AECON GROUP INC, CA</p> <p>[22] 2015-08-11</p> <p>[41] 2017-02-11</p> |
|--|

---



---

|  |
|--|
| <p>[21] <b>2,900,184</b><br/>[13] A1</p> <p>[51] Int.Cl. E04H 4/16 (2006.01)</p> <p>[25] EN</p> <p>[54] POOL VACUUM HEAD WITH WATER REMOVAL PUMP</p> <p>[54] TETE D'ASPIRATEUR DE PISCINE DOTEÉ D'UNE POMPE D'EXTRACTION D'EAU</p> <p>[72] SIDHU, SUKHPAL, CA</p> <p>[72] SIDHU, IQBAL, CA</p> <p>[71] SIDHU, SUKHPAL, CA</p> <p>[71] SIDHU, IQBAL, CA</p> <p>[22] 2015-08-11</p> <p>[41] 2017-02-11</p> |
|--|

---



---

|   |
|---|
| <p>[21] <b>2,901,478</b><br/>[13] A1</p> <p>[51] Int.Cl. G06Q 20/38 (2012.01) G06Q 20/20 (2012.01) G06K 9/18 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD TO SCAN SECOND BARCODE INTO POINT OF SALE SOFTWARE AS INDIVIDUAL IDENTITY CODE FOR RETAIL ITEMS</p> <p>[54] METHODE DE BALAYAGE D'UN DEUXIÈME CODE À BARRES DANS UN LOGICIEL DE POINT DE VENTE COMME CODE D'IDENTITÉ INDIVIDUELLE D'ARTICLES DE VENTE AU DÉTAIL</p> <p>[72] UNKNOWN, ZZ</p> <p>[71] BACHHAL, SUKHBIR SINGH, CA</p> <p>[22] 2015-08-06</p> <p>[41] 2017-02-06</p> |
|---|

---



---

|   |
|---|
| <p>[21] <b>2,900,377</b><br/>[13] A1</p> <p>[51] Int.Cl. A63B 67/14 (2006.01) A63B 69/40 (2006.01) A63B 71/02 (2006.01)</p> <p>[25] EN</p> <p>[54] SELF-PROPELLED CURLING STONE DRIVER</p> <p>[54] PILOTE DE PIERRE DE CURLING AUTOPROPULSE</p> <p>[72] PARK, RANDALL EWEN, CA</p> <p>[71] PARK, RANDALL EWEN, CA</p> <p>[22] 2015-08-11</p> <p>[41] 2017-02-11</p> |
|---|

---



---

|   |
|---|
| <p>[21] <b>2,900,720</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 19/00 (2011.01) G06Q 50/10 (2012.01) A61G 99/00 (2006.01) G06F 17/30 (2006.01)</p> <p>[25] EN</p> <p>[54] LIFE OF ACHIEVEMENT</p> <p>[54] VIE DE REALISATIONS</p> <p>[72] CAMPBELL, ED, US</p> <p>[72] MAYNOCK, STEVE, US</p> <p>[71] CAMPBELL, ED, US</p> <p>[71] MAYNOCK, STEVE, US</p> <p>[22] 2015-08-05</p> <p>[41] 2017-02-05</p> |
|---|

---



---

|   |
|---|
| <p>[21] <b>2,901,705</b><br/>[13] A1</p> <p>[51] Int.Cl. F21V 8/00 (2006.01) F21K 9/232 (2016.01)</p> <p>[25] EN</p> <p>[54] LIGHT GUIDE AND LED LAMP WITH THE LIGHT GUIDE</p> <p>[54] GUIDE DE LUMIÈRE ET AMPOULE DEL DOTEÉ DU GUIDE DE LUMIÈRE</p> <p>[72] DENG, JINHONG, CN</p> <p>[71] DENG, JINHONG, CN</p> <p>[22] 2015-08-27</p> <p>[41] 2017-02-06</p> <p>[30] CN (201520588274.7) 2015-08-06</p> |
|---|

---



---

|   |
|---|
| <p>[21] <b>2,905,492</b><br/>[13] A1</p> <p>[51] Int.Cl. G01M 3/18 (2006.01) G01M 3/40 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-SENSOR INSPECTION FOR IDENTIFICATION OF PRESSURIZED PIPE DEFECTS THAT LEAK</p> <p>[54] INSPECTION MULTI CAPTEUR SERVANT À REPERER LES DÉFAUTS DANS LES TUYAUX SOUS PRESSION QUI FUIENT</p> <p>[72] HANSEN, CHARLES A., US</p> <p>[72] GRABOWSKI, MARK, US</p> <p>[71] ELECTRO SCAN, INC., US</p> <p>[22] 2015-09-30</p> <p>[41] 2017-02-11</p> <p>[30] US (62/203,809) 2015-08-11</p> |
|---|

---

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|  |  |   |
|--|--|---|
| <p style="text-align: right;">[21] <b>2,907,347</b><br/> [13] A1</p> <p>[51] Int.Cl. H04L 12/58 (2006.01) G06Q 40/04 (2012.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEMS AND METHODS FOR AUTOMATICALLY GENERATING ORDER DATA BASED ON SOCIAL MEDIA MESSAGING</b></p> <p>[54] <b>SYSTEMES ET METHODES DE GENERATION AUTOMATIQUE DE DONNEES DE COMMANDE FONDEE SUR LA MESSAGERIE DE MEDIAS SOCIAUX</b></p> <p>[72] SANDRE, BRUNO, CA<br/> [72] HAMILTON, MATTHEW, CA<br/> [72] BARNETT, JONATHAN K., CA<br/> [72] CHAN, PAUL MON-WAH, CA<br/> [72] LEE, JOHN JONG SUK, CA<br/> [72] DEL VECCHIO, ORIN, CA<br/> [71] THE TORONTO-DOMINION BANK, CA<br/> [22] 2015-10-05<br/> [41] 2017-02-05<br/> [30] US (62/201,392) 2015-08-05<br/> [30] US (14/874,202) 2015-10-02</p> | <p style="text-align: right;">[21] <b>2,908,793</b><br/> [13] A1</p> <p>[51] Int.Cl. G07C 1/30 (2006.01)<br/> [25] EN</p> <p>[54] <b>SINGLE SPACE PARKING METER</b></p> <p>[54] <b>PARCOMETRE POUR ESPACE UNIQUE</b></p> <p>[72] MACKAY, GEORGE, CA<br/> [72] MACKAY, JAMES GEORGE, CA<br/> [72] O'NEIL, ADRIAN IGNATIUS, CA<br/> [72] COSH, ROBERT STEVEN, CA<br/> [72] CAMERON, DARREN SCOTT, CA<br/> [72] CHAUVIN, GREGORY EMILE, CA<br/> [72] MCMULLIN, DAVID ANDREW, CA<br/> [72] BROWN, MICHAEL, CA<br/> [72] WATSON, MATTHEW, CA<br/> [71] J.J. MACKAY CANADA LIMITED, CA<br/> [22] 2015-10-16<br/> [41] 2017-02-11<br/> [30] CA (2,900,177) 2015-08-11</p> | <p style="text-align: right;">[21] <b>2,915,388</b><br/> [13] A1</p> <p>[51] Int.Cl. A63B 67/14 (2006.01) A63B 65/00 (2006.01)</p> <p>[25] FR</p> <p>[54] <b>CONNECTOR FOR A STICK FOR THROWING A CURLING STONE</b></p> <p>[54] <b>CONNECTEUR DE BATON LANCE PIERRE DE CURLING</b></p> <p>[72] GAGNE, GASTON G. G., CA<br/> [71] GAGNE, GASTON G. G., CA<br/> [22] 2015-12-14<br/> [41] 2017-02-07</p>                      |
| <p style="text-align: right;">[21] <b>2,907,351</b><br/> [13] A1</p> <p>[51] Int.Cl. H04L 12/58 (2006.01) G06Q 40/04 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEMS AND METHODS FOR VERIFYING USER IDENTITY BASED ON SOCIAL MEDIA MESSAGING</b></p> <p>[54] <b>SYSTEMES ET METHODES DE VERIFICATION D'IDENTITE UTILISATEUR FONDEE SUR LA MESSAGERIE DE MEDIAS SOCIAUX</b></p> <p>[72] SANDRE, BRUNO, CA<br/> [72] HAMILTON, MATTHEW, CA<br/> [72] BARNETT, JONATHAN K., CA<br/> [72] CHAN, PAUL MON-WAH, CA<br/> [72] LEE, JOHN JONG SUK, CA<br/> [72] DEL VECCHIO, ORIN, CA<br/> [71] THE TORONTO-DOMINION BANK, CA<br/> [22] 2015-10-05<br/> [41] 2017-02-05<br/> [30] US (62/201,392) 2015-08-05<br/> [30] US (14/874,180) 2015-10-02</p>   | <p style="text-align: right;">[21] <b>2,909,253</b><br/> [13] A1</p> <p>[51] Int.Cl. C11D 1/72 (2006.01)<br/> [25] EN</p> <p>[54] <b>COMPOSITIONS AND METHODS FOR CLEANING MEMBRANES</b></p> <p>[54] <b>COMPOSITIONS ET METHODES DE NETTOYAGE DE MEMBRANES</b></p> <p>[72] GRAMMENTZ, DILON RICHARD, US<br/> [72] HILARIDES, JIM J., US<br/> [71] HYDRITE CHEMICAL CO., US<br/> [22] 2015-10-21<br/> [41] 2017-02-05<br/> [30] US (14/819,185) 2015-08-05</p>  | <p style="text-align: right;">[21] <b>2,920,434</b><br/> [13] A1</p> <p>[51] Int.Cl. A47G 1/17 (2006.01) A47G 1/16 (2006.01)</p> <p>[25] FR</p> <p>[54] <b>RECEPTION PLATEN FOR A PRESENTATION FRAME</b></p> <p>[54] <b>PLATINE DE RECEPTION D'UN CADRE DE PRESENTATION</b></p> <p>[72] LEROUX, ALAIN, FR<br/> [71] REVOLUTION'R, FR<br/> [22] 2016-02-09<br/> [41] 2017-02-07<br/> [30] FR (14 00 329) 2015-08-07</p>      |
| <p style="text-align: right;">[21] <b>2,907,351</b><br/> [13] A1</p> <p>[51] Int.Cl. H04L 12/58 (2006.01) G06Q 40/04 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEMS AND METHODS FOR VERIFYING USER IDENTITY BASED ON SOCIAL MEDIA MESSAGING</b></p> <p>[54] <b>SYSTEMES ET METHODES DE VERIFICATION D'IDENTITE UTILISATEUR FONDEE SUR LA MESSAGERIE DE MEDIAS SOCIAUX</b></p> <p>[72] SANDRE, BRUNO, CA<br/> [72] HAMILTON, MATTHEW, CA<br/> [72] BARNETT, JONATHAN K., CA<br/> [72] CHAN, PAUL MON-WAH, CA<br/> [72] LEE, JOHN JONG SUK, CA<br/> [72] DEL VECCHIO, ORIN, CA<br/> [71] THE TORONTO-DOMINION BANK, CA<br/> [22] 2015-10-05<br/> [41] 2017-02-05<br/> [30] US (62/201,392) 2015-08-05<br/> [30] US (14/874,180) 2015-10-02</p>   | <p style="text-align: right;">[21] <b>2,910,838</b><br/> [13] A1</p> <p>[51] Int.Cl. A45D 29/00 (2006.01) A45D 29/02 (2006.01)<br/> [25] EN</p> <p>[54] <b>NAIL CARE DEVICE</b></p> <p>[54] <b>DISPOSITIF DE SOIN DES ONGLES</b></p> <p>[72] YIU, WAI WAH, CN<br/> [71] SOFT LINES INTERNATIONAL, LTD., CN<br/> [22] 2015-10-13<br/> [41] 2017-02-11<br/> [30] WO (PCT/IB2015/056121) 2015-08-11<br/> [30] US (14/823,723) 2015-08-11</p>  | <p style="text-align: right;">[21] <b>2,920,458</b><br/> [13] A1</p> <p>[51] Int.Cl. H02J 7/00 (2006.01) H02J 50/00 (2016.01) A47B 47/00 (2006.01) A47B 57/06 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>CHARGING TOWER</b></p> <p>[54] <b>TOUR DE CHARGEMENT</b></p> <p>[72] FERNANDES, MICHAEL A., CA<br/> [71] FERNANDES, MICHAEL A., CA<br/> [22] 2016-02-10<br/> [41] 2017-02-10<br/> [30] US (14/822,703) 2015-08-10</p> |
| <p style="text-align: right;">[21] <b>2,907,351</b><br/> [13] A1</p> <p>[51] Int.Cl. H04L 12/58 (2006.01) G06Q 40/04 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEMS AND METHODS FOR VERIFYING USER IDENTITY BASED ON SOCIAL MEDIA MESSAGING</b></p> <p>[54] <b>SYSTEMES ET METHODES DE VERIFICATION D'IDENTITE UTILISATEUR FONDEE SUR LA MESSAGERIE DE MEDIAS SOCIAUX</b></p> <p>[72] SANDRE, BRUNO, CA<br/> [72] HAMILTON, MATTHEW, CA<br/> [72] BARNETT, JONATHAN K., CA<br/> [72] CHAN, PAUL MON-WAH, CA<br/> [72] LEE, JOHN JONG SUK, CA<br/> [72] DEL VECCHIO, ORIN, CA<br/> [71] THE TORONTO-DOMINION BANK, CA<br/> [22] 2015-10-05<br/> [41] 2017-02-05<br/> [30] US (62/201,392) 2015-08-05<br/> [30] US (14/874,180) 2015-10-02</p>   | <p style="text-align: right;">[21] <b>2,910,838</b><br/> [13] A1</p> <p>[51] Int.Cl. A45D 29/00 (2006.01) A45D 29/02 (2006.01)<br/> [25] EN</p> <p>[54] <b>NAIL CARE DEVICE</b></p> <p>[54] <b>DISPOSITIF DE SOIN DES ONGLES</b></p> <p>[72] YIU, WAI WAH, CN<br/> [71] SOFT LINES INTERNATIONAL, LTD., CN<br/> [22] 2015-10-13<br/> [41] 2017-02-11<br/> [30] WO (PCT/IB2015/056121) 2015-08-11<br/> [30] US (14/823,723) 2015-08-11</p>  | <p style="text-align: right;">[21] <b>2,921,125</b><br/> [13] A1</p> <p>[51] Int.Cl. B65D 85/34 (2006.01)<br/> [25] EN</p> <p>[54] <b>DETACHABLE CONTAINER FOR STRAWBERRIES</b></p> <p>[54] <b>RECIPIENT DETACHABLE DESTINE A DES FRAISES</b></p> <p>[72] MATOS RODRIGUEZ, MANUEL, ES<br/> [71] DONANA 1998, S.L., ES<br/> [22] 2016-02-18<br/> [41] 2017-02-07<br/> [30] EP (15382420.6) 2015-08-07</p>                    |

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

[21] **2,921,149**

[13] A1

- [51] Int.Cl. F16K 27/00 (2006.01) E03C  
1/04 (2006.01) F16L 37/08 (2006.01)  
F16K 11/00 (2006.01)
- [25] EN
- [54] FAUCET WITH A QUICK  
FASTENING DEVICE
- [54] ROBINET DOTE D'UN DISPOSITIF  
DE FIXATION RAPIDE
- [72] BOMATTER, CHRISTIAN, FR
- [71] FRANKE TECHNOLOGY AND  
TRADEMARK LTD., CH
- [22] 2016-02-17
- [41] 2017-02-08
- [30] DE (102015215865.9) 2015-08-08

[21] **2,923,268**

[13] A1

- [51] Int.Cl. F41A 23/26 (2006.01)
- [25] EN
- [54] VEHICULAR GUN HOLDER
- [54] SUPPORT DE FUSIL  
VEHICULAIRE
- [72] LEDOUX, MERVIN TERRY, CA
- [71] LEDOUX, MERVIN TERRY, CA
- [22] 2016-03-10
- [41] 2017-02-11
- [30] US (62/203,691) 2015-08-11

[21] **2,923,659**

[13] A1

- [51] Int.Cl. A61G 5/00 (2006.01) A61G  
5/10 (2006.01) A61G 7/16 (2006.01)
- [25] EN
- [54] AUTOMATED VARIABLE BED TO  
WHEELCHAIR SYSTEM
- [54] SYSTEME AUTOMATISE  
VARIABLE DE TRANSFERT DE  
LIT A FAUTEUIL ROULANT
- [72] CHANDRAN, SANJITH, CA
- [72] AMIN, ALI, CA
- [72] VALI, OASIS, CA
- [72] LAKSHMIVARAHAN, SURYA, CA
- [71] CHANDRAN, SANJITH, CA
- [71] AMIN, ALI, CA
- [71] VALI, OASIS, CA
- [71] LAKSHMIVARAHAN, SURYA, CA
- [22] 2016-03-14
- [41] 2017-02-07
- [30] US (62/202,633) 2015-08-07

[21] **2,928,448**

[13] A1

- [51] Int.Cl. D06F 11/00 (2006.01) B08B  
1/02 (2006.01)
- [25] EN
- [54] MAT CLEANING AND DRYING  
APPARATUS AND METHOD
- [54] APPAREIL DE NETTOYAGE ET  
SECHAGE DE TAPIS ET  
METHODE
- [72] GROSS, ROBERT M., CA
- [72] CARON, KIM, CA
- [71] 0959690 B.C. LTD. DOING  
BUSINESS AS MAT PROCESSING  
SYSTEMS, CA
- [71] GROSS, ROBERT M., CA
- [22] 2016-04-29
- [41] 2017-02-06
- [30] US (62/201,939) 2015-08-06

[21] **2,930,482**

[13] A1

- [51] Int.Cl. F24D 15/02 (2006.01)
- [25] EN
- [54] RADIANT HEAT REFLECTOR  
WING
- [54] AILE DEFLECTRICE A  
CHAUFFAGE RADIANT
- [72] RICHTER, STEPHAN, US
- [71] ROBERTS-GORDON LLC, US
- [22] 2016-05-18
- [41] 2017-02-07
- [30] US (14/821219) 2015-08-07

[21] **2,931,129**

[13] A1

- [51] Int.Cl. F24F 13/00 (2006.01) F24F  
11/00 (2006.01) F24F 12/00 (2006.01)
- [25] EN
- [54] AIR-TREATMENT APPARATUS  
FOR USE WITH BUILDING
- [54] APPAREIL DE TRAITEMENT DE  
L'AIR DESTINE A UN BATIMENT
- [72] LAI, PATRICK, CA
- [72] CHATZIGRIGORIOU, MICHAEL, CA
- [71] LAI, PATRICK, CA
- [71] CHATZIGRIGORIOU, MICHAEL, CA
- [22] 2016-05-26
- [41] 2017-02-07
- [30] US (14/820,694) 2015-08-07

[21] **2,932,667**

[13] A1

- [51] Int.Cl. G07C 1/30 (2006.01)
- [25] EN
- [54] LIGHTWEIGHT VANDAL  
RESISTANT PARKING METER
- [54] PARCOMETRE LEGER  
RESISTANT AU VANDALISME
- [72] MACKAY, GEORGE, CA
- [72] MACKAY, JAMES GEORGE, CA
- [72] O'NEIL, ADRIAN IGNATIUS, CA
- [72] COSH, ROBERT STEVEN, CA
- [72] CAMERON, DARREN SCOTT, CA
- [72] CHAUVIN, GREGORY EMILE, CA
- [72] McMULLIN, DAVID ANDREW, CA
- [72] BROWN, MICHAEL, CA
- [72] WATSON, MATTHEW, CA
- [71] J.J. MACKAY CANADA LIMITED,  
CA
- [22] 2016-06-09
- [41] 2017-02-11
- [30] CA (2,900,177) 2015-08-11
- [30] CA (2,908,793) 2015-10-16

[21] **2,933,094**

[13] A1

- [51] Int.Cl. H04H 60/35 (2009.01) H04N  
21/8358 (2011.01)
- [25] EN
- [54] OPTIMIZING PARAMETERS IN  
DEPLOYED SYSTEMS  
OPERATING IN DELAYED  
FEEDBACK REAL WORLD  
ENVIRONMENTS
- [54] OPTIMISATION DE  
PARAMETRES DANS LES  
SYSTEMES DEPLOYES  
FONCTIONNANT DANS LES  
ENVIRONNEMENTS DE MONDE  
REEL A RETRACTION  
RETARDEE
- [72] BLESSER, BARRY A., US
- [71] TLS CORP., US
- [22] 2016-06-14
- [41] 2017-02-07
- [30] US (14/820,615) 2015-08-07

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|   |
|---|
| <p>[21] <b>2,933,897</b><br/> [13] A1</p> <p>[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01) H04L 12/14 (2006.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM FOR SOURCING TALENT UTILIZING CROWDSOURCING</p> <p>[54] SYSTEME DE RECRUTEMENT DE TALENT AU MOYEN DE L'APPROVISIONNEMENT PAR LA FOULE</p> <p>[72] SHUKLA, ARPAN, IN</p> <p>[72] KOUSHIK, VIJAYARAGHAVAN, IN</p> <p>[72] PRASAD, RAJENDRA T., IN</p> <p>[72] MOITRA, SUPARNA, IN</p> <p>[72] RATHOD, SANDEEP J., IN</p> <p>[72] VISHNUBHATLA, MADHURI, IN</p> <p>[71] ACCENTURE GLOBAL SERVICES LIMITED, IE</p> <p>[22] 2016-06-23</p> <p>[41] 2017-02-11</p> <p>[30] US (14/823,039) 2015-08-11</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,934,362</b><br/> [13] A1</p> <p>[51] Int.Cl. E21B 33/138 (2006.01) E21B 33/10 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF SEALING WELLS BY SQUEEZING SEALANT</p> <p>[54] METHODE DE SCELLEMENT DE PUITS PAR PRESSAGE DE SCELLANT</p> <p>[72] SABINS, FRED, US</p> <p>[72] MEADE, CLIFTON, US</p> <p>[72] BROWN, DAVID, US</p> <p>[72] WATTERS, JEFFREY, US</p> <p>[72] LEAL, JORGE ESTEBAN, US</p> <p>[71] CSI TECHNOLOGIES LLC, US</p> <p>[22] 2016-06-28</p> <p>[41] 2017-02-10</p> <p>[30] US (62/203,140) 2015-08-10</p> <p>[30] US (15/185,334) 2016-06-17</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,935,248</b><br/> [13] A1</p> <p>[51] Int.Cl. G06F 9/40 (2006.01) G06F 9/44 (2006.01)</p> <p>[25] EN</p> <p>[54] USER-MODE COMPONENT INJECTION AND ATOMIC HOOKING</p> <p>[54] INJECTION DE COMPOSANTE EN MODE UTILISATEUR ET RACCORDEMENT ATOMIQUE</p> <p>[72] IONESCU, ION-ALEXANDRU, US</p> <p>[72] ROBINSON, LOREN C., US</p> <p>[71] CROWDSTRIKE, INC., US</p> <p>[22] 2016-07-05</p> <p>[41] 2017-02-05</p> <p>[30] US (14/818,527) 2015-08-05</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,935,996</b><br/> [13] A1</p> <p>[51] Int.Cl. A22C 11/02 (2006.01) A23P 20/25 (2016.01)</p> <p>[25] EN</p> <p>[54] FILLING MACHINE AND METHOD FOR FILLING A PASTY MASS, IN PARTICULAR FOR THE PRODUCTION OF SAUSAGES</p> <p>[54] MACHINE DE REMPLISSAGE ET METHODE DE REMPLISSAGE D'UNE MASSE PATEUSE, EN PARTICULIER POUR LA PRODUCTION DE SAUCISSES</p> <p>[72] STAUDENRAUSCH, MARTIN, DE</p> <p>[72] MAILE, BERND, DE</p> <p>[71] ALBERT HANDTMANN MASCHINENFABRIK GMBH &amp; CO. KG, DE</p> <p>[22] 2016-07-13</p> <p>[41] 2017-02-05</p> <p>[30] EP (15 179 775.0) 2015-08-05</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,936,220</b><br/> [13] A1</p> <p>[51] Int.Cl. F04B 49/04 (2006.01) F04B 49/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDRAULIC PUMPING SYSTEM WITH PISTON DISPLACEMENT SENSING AND CONTROL</p> <p>[54] SYSTEME DE POMPAGE HYDRAULIQUE A CAPTEUR DE DEPLACEMENT DE PISTON ET COMMANDE</p> <p>[72] SCHMITT, KENNETH J., US</p> <p>[72] ROBISON, CLARK E., US</p> <p>[72] MCDONALD, ROBERT G., US</p> <p>[72] TRAPANI, JAMES S., US</p> <p>[72] THOMAS, BENSON, US</p> <p>[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US</p> <p>[71] AMFIELDS, LP, US</p> <p>[22] 2016-07-15</p> <p>[41] 2017-02-05</p> <p>[30] WO (PCT/US2015/043694) 2015-08-05</p> <p>[30] US (14/956,545) 2015-12-02</p> |
|--|

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

[21] **2,936,221**  
[13] A1

- [51] Int.Cl. F04B 47/04 (2006.01) F04B 49/00 (2006.01)
- [25] EN
- [54] SLANT MOUNTED HYDRAULIC PUMPING SYSTEM
- [54] SYSTEME DE POMPAGE HYDRAULIQUE INSTALLE A INCLINAISON
- [72] TRAPANI, JAMES S., US
- [72] SCHMITT, KENNETH J., US
- [71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
- [71] AMFIELDS, LP, US
- [22] 2016-07-15
- [41] 2017-02-05
- [30] WO (PCT/US2015/043694) 2015-08-05
- [30] US (14/956,527) 2015-12-02

[21] **2,936,246**  
[13] A1

- [51] Int.Cl. B67D 3/04 (2006.01) B67D 7/36 (2010.01) F16K 27/06 (2006.01)
- [25] EN
- [54] OPENING AND CLOSING VALVE
- [54] VANNE D'OUVERTURE ET DE FERMETURE
- [72] YAMAMOTO, RYOHEI, JP
- [72] YAMAMOTO, NAOYUKI, JP
- [72] YAMAMOTO, YUHO, JP
- [71] FUMOTO GIKEN CO., LTD., JP
- [22] 2016-07-15
- [41] 2017-02-09
- [30] JP (2015-157839) 2015-08-09
- [30] JP (2016-115447) 2016-06-09

[21] **2,936,320**  
[13] A1

- [51] Int.Cl. F04B 53/00 (2006.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01)
- [25] EN
- [54] HYDRAULIC PUMPING SYSTEM WITH ENHANCED PISTON ROD SEALING
- [54] SYSTEME DE POMPAGE HYDRAULIQUE DOTE D'UN JOINT DE TIGE DE PISTON AMELIORE
- [72] ROBISON, CLARK E., US
- [72] SCHMITT, KENNETH J., US
- [71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
- [71] AMFIELDS, LP, US
- [22] 2016-07-15
- [41] 2017-02-05
- [30] WO (PCT/US2015/043694) 2015-08-05
- [30] US (14/956,863) 2015-12-02

[21] **2,936,322**  
[13] A1

- [51] Int.Cl. F04B 47/08 (2006.01) E21B 43/12 (2006.01)
- [25] EN
- [54] HYDRAULIC PUMPING SYSTEM WITH DETECTION OF FLUID IN GAS VOLUME
- [54] SYSTEME DE POMPAGE HYDRAULIQUE A DETECTION DE FLUIDE DANS UN VOLUME DE GAZ
- [72] LEMBCKE, JEFFREY J., US
- [72] ROBISON, CLARK E., US
- [72] SCHMITT, KENNETH J., US
- [71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
- [71] AMFIELDS, LP, US
- [22] 2016-07-15
- [41] 2017-02-05
- [30] WO (PCT/US2015/043694) 2015-08-05
- [30] US (14/956,601) 2015-12-02

[21] **2,936,442**  
[13] A1

- [51] Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01) C08J 3/20 (2006.01) G03G 9/093 (2006.01)
- [25] EN
- [54] TONER COMPOSITIONS AND PROCESSES
- [54] COMPOSITIONS D'ENCRE SECHE ET PROCEDES
- [72] ZHOU, KE, CA
- [72] HAWKINS, MICHAEL S., CA
- [72] ZWARTZ, EDWARD G., CA
- [72] SACRIPANTE, GUERINO G., CA
- [71] XEROX CORPORATION, US
- [22] 2016-07-18
- [41] 2017-02-07
- [30] US (14/821624) 2015-08-07

[21] **2,936,489**  
[13] A1

- [51] Int.Cl. E01B 27/12 (2006.01) E01B 27/14 (2006.01) E01B 27/16 (2006.01)
- [25] EN
- [54] TAMPER TOOL AND ASSOCIATED HOLDER
- [54] OUTIL DE DAMAGE ET SUPPORT ASSOCIE
- [72] HENKE, DANIEL MARK, US
- [71] NORDCO INC., US
- [22] 2016-07-19
- [41] 2017-02-10
- [30] US (62/203,108) 2015-08-10

[21] **2,936,631**  
[13] A1

- [51] Int.Cl. B65D 33/25 (2006.01) B29C 47/06 (2006.01) C08J 5/18 (2006.01) C08L 23/06 (2006.01)
- [25] EN
- [54] "DELI" BAG WITH EXTRA THIN WALLS AND INCREASED STRENGTH AND METHOD OF MANUFACTURING SAME
- [54] SAC DESTINE A LA CHARCUTERIE DOTE DE PAROIS MINCES ET D'UNE SOLIDITE AMELIOREE ET METHODE DE FABRICATION ASSOCIEE
- [72] RABIEA, JEFFREY, US
- [71] NEW YORK PACKAGING II LLC, US
- [22] 2016-07-20
- [41] 2017-02-07
- [30] US (14/821,229) 2015-08-07

[21] **2,936,745**  
[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 31/04 (2006.01) A61P 37/02 (2006.01)
- [25] EN
- [54] METHOD FOR THE TREATMENT OR PREVENTION OF INFECTION-RELATED IMMUNE CONDITIONS USING A COMPOSITION COMPRISING IGM
- [54] METHODE DE TRAITEMENT OU PREVENTION DE MALADIES IMMUNES ASSOCIEES A UNE INFECTION EMPLOYANT UNE COMPOSITION COMPORTANT UNE IGM
- [72] BARNETT, THOMAS, US
- [72] ROSS, DAVID A., US
- [71] GRIFOLS WORLDWIDE OPERATIONS LIMITED, IE
- [22] 2016-07-20
- [41] 2017-02-06
- [30] US (62/201,917) 2015-08-06

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

|   |  |  |
|---|--|--|
| <p style="text-align: right;">[21] <b>2,936,766</b><br/> [13] A1</p> <p>[51] Int.Cl. G06Q 20/38 (2012.01) G08B<br/> 13/196 (2006.01)</p> <p>[25] EN</p> <p>[54] DETECTING AND RESPONDING<br/> TO POTENTIALLY FRAUDULENT<br/> TENDER</p> <p>[54] DETECTION DE PROPOSITION<br/> POTENTIELLEMENT<br/> FRAUDULEUSE ET REACTION</p> <p>[72] HIGH, DONALD, US</p> <p>[72] ATCHLEY, MICHAEL DEAN, US</p> <p>[72] RONE, NICK, US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-07-21</p> <p>[41] 2017-02-10</p> <p>[30] US (62/203,344) 2015-08-10</p> | <p style="text-align: right;">[21] <b>2,937,193</b><br/> [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61P<br/> 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR TREATING<br/> INFECTIOUS DISEASES USING A<br/> COMPOSITION COMPRISING<br/> PLASMA-DERIVED<br/> IMMUNOGLOBULIN M(IGM)</p> <p>[54] METHODE DE TRAITEMENT DE<br/> MALADIES INFECTIEUSES<br/> EMPLOYANT UNE<br/> COMPOSITION RENFERMANT<br/> UNE IMMUNOGLOBINE M (IGM)<br/> DERIVEE DU PLASMA</p> <p>[72] BARNETT, THOMAS, US</p> <p>[72] ROSS, DAVID A., US</p> <p>[71] GRIFOLS WORLDWIDE<br/> OPERATIONS LIMITED, IE</p> <p>[22] 2016-07-25</p> <p>[41] 2017-02-06</p> <p>[30] US (62/201.910) 2015-08-06</p> | <p style="text-align: right;">[21] <b>2,937,269</b><br/> [13] A1</p> <p>[51] Int.Cl. H01L 23/48 (2006.01) H02S<br/> 40/34 (2014.01) H01L 51/44 (2006.01)</p> <p>[25] FR</p> <p>[54] CONNECTION METHOD FOR A<br/> FLEXIBLE ELECTRONIC DEVICE<br/> TO AN ELECTRICAL WIRE</p> <p>[54] PROCEDE DE RACCORDEMENT<br/> D'UN DISPOSITIF<br/> ELECTRONIQUE FLEXIBLE A UN<br/> FIL ELECTRIQUE</p> <p>[72] CHARRIER, NICOLAS, FR</p> <p>[72] RIVIERE, GUILLAUME, FR</p> <p>[71] ARMOR, FR</p> <p>[22] 2016-07-27</p> <p>[41] 2017-02-06</p> <p>[30] FR (FR1557590) 2015-08-06</p> |
| <p style="text-align: right;">[21] <b>2,936,849</b><br/> [13] A1</p> <p>[51] Int.Cl. B60C 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PNEUMATIC TIRE</p> <p>[54] PNEUMATIQUE</p> <p>[72] ISITMAN, NIHAT ALI, LU</p> <p>[72] POMPEI, MANUELA, LU</p> <p>[72] THIELEN, GEORGES MARCEL<br/> VICTOR, LU</p> <p>[71] THE GOODYEAR TIRE &amp; RUBBER<br/> COMPANY, US</p> <p>[22] 2016-07-22</p> <p>[41] 2017-02-05</p> <p>[30] US (14/818,774) 2015-08-05</p>  | <p style="text-align: right;">[21] <b>2,937,234</b><br/> [13] A1</p> <p>[51] Int.Cl. G06Q 10/04 (2012.01) G06Q<br/> 10/08 (2012.01) G06Q 30/00 (2012.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS TO<br/> FORECAST AND IMPROVE<br/> PRODUCT ON-SHELF<br/> AVAILABILITY</p> <p>[54] SYSTEMES ET METHODES<br/> SERVANT A PREDIRE ET<br/> AMELIORER LA DISPONIBILITE<br/> D'UN PRODUIT SUR TABLETTE</p> <p>[72] VASGAARD, AARON J., US</p> <p>[72] CRUZ, JEFFREY S., US</p> <p>[72] TAYLOR, ROBERT J., US</p> <p>[72] MAJUMDAR, SAYAK S., US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-07-27</p> <p>[41] 2017-02-05</p> <p>[30] US (62/201,181) 2015-08-05</p>         | <p style="text-align: right;">[21] <b>2,937,270</b><br/> [13] A1</p> <p>[51] Int.Cl. G06Q 30/06 (2012.01)</p> <p>[25] EN</p> <p>[54] SHOPPING ASSISTANCE<br/> SYSTEMS, DEVICES AND<br/> METHODS TO SUPPORT<br/> CUSTOMERS</p> <p>[54] SYSTEMES D'ASSISTANCE AU<br/> MAGASINAGE, DISPOSITIFS ET<br/> METHODES DESTINES A AIDER<br/> LES CLIENTS</p> <p>[72] WIND, ANTHONY G., III, US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-07-28</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,671) 2015-08-07</p>  |
| <p style="text-align: right;">[21] <b>2,937,092</b><br/> [13] A1</p> <p>[51] Int.Cl. G06Q 10/06 (2012.01)</p> <p>[25] EN</p> <p>[54] PRODUCTIVITY EVALUATION<br/> SYSTEMS AND METHODS</p> <p>[54] METHODES ET DISPOSITIFS<br/> D'EVALUATION DE LA<br/> PRODUCTIVITE</p> <p>[72] JONES, NICHOLAUS A., US</p> <p>[72] TAYLOR, ROBERT J., US</p> <p>[72] JONES, MATTHEW A., US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-07-26</p> <p>[41] 2017-02-05</p> <p>[30] US (62/201,190) 2015-08-05</p>  | <p style="text-align: right;">[21] <b>2,937,377</b><br/> [13] A1</p> <p>[51] Int.Cl. B32B 27/02 (2006.01) B32B<br/> 27/08 (2006.01) B32B 27/36 (2006.01)<br/> B32B 27/40 (2006.01) B32B 37/15<br/> (2006.01) E04D 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-LAYER COMPOSITE<br/> FILM FOR THE CONSTRUCTION<br/> SECTOR</p> <p>[54] FILM COMPOSITE<br/> MULTICOUCHE DESTINE AU<br/> SECTEUR DE LA<br/> CONSTRUCTION</p> <p>[72] HARFMANN, CARSTEN, DE</p> <p>[72] LAUR, RUDIGER, DE</p> <p>[71] EWALD DORKEN AG, DE</p> <p>[22] 2016-07-27</p> <p>[41] 2017-02-05</p> <p>[30] DE (10 2015 009 956.6) 2015-08-05</p> <p>[30] DE (10 2015 012 015.8) 2015-09-21</p>                 |  |

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

---

[21] 2,937,396

[13] A1

- [51] Int.Cl. F01D 25/18 (2006.01) B01D  
35/28 (2006.01) F01M 11/03 (2006.01)  
F02C 7/06 (2006.01) F16N 39/06  
(2006.01)
- [25] EN
- [54] STRAINER FOR TURBINE  
ENGINE OIL
- [54] POMMELLE DESTINEE AU  
FILTRAGE D'HUILE DE MOTEUR  
DE TURBINE
- [72] JACQUERIE, JEAN-LOUIS, BE
- [72] HENKES, TOM, BE
- [72] TOSSENS, LAURENT, BE
- [72] FELLIN, NICOLAS, BE
- [72] CHENOUX, MATHIEU, BE
- [71] SAFRAN AERO BOOSTERS SA, BE
- [22] 2016-07-28
- [41] 2017-02-06
- [30] BE (BE2015/5500) 2015-08-06
- 

[21] 2,937,459

[13] A1

- [51] Int.Cl. F28C 1/00 (2006.01)
- [25] EN
- [54] MODULAR HEAT EXCHANGE  
TOWER AND METHOD OF  
ASSEMBLING SAME
- [54] TOUR D'ECHANGE DE CHALEUR  
MODULAIRE ET METHODE  
D'ASSEMBLAGE ASSOCIEE
- [72] MAURER, SCOTT, US
- [72] HINK, PAUL, US
- [71] SPX COOLING TECHNOLOGIES,  
INC., US
- [22] 2016-07-29
- [41] 2017-02-07
- [30] US (14/821,062) 2015-08-07
- 

[21] 2,937,525

[13] A1

- [51] Int.Cl. H05K 5/03 (2006.01) A45C  
11/00 (2006.01)
- [25] EN
- [54] PAD FOR PROTECTIVE COVER
- [54] COUSSIN DE COUVERCLE  
PROTECTEUR
- [72] CHIANG, HUAI SHUN, CN
- [71] AEVOE INTERNATIONAL LTD., VG
- [22] 2016-07-29
- [41] 2017-02-05
- [30] US (14/819,130) 2015-08-05
- 

[21] 2,937,562

[13] A1

- [51] Int.Cl. B23K 35/24 (2006.01) B23K  
35/04 (2006.01)
- [25] EN
- [54] TUBULAR WELDING WIRE WITH  
A THINNER SHEATH FOR  
IMPROVED DEPOSITION RATES
- [54] FIL DE SOUDAGE TUBULAIRE  
DOTE D'UNE COUCHE  
PROTECTRICE PLUS MINCE  
PERMETTANT D'AMELIORER  
LES TAUX DE DEPOT
- [72] BARHORST, STEVEN EDWARD, US
- [72] BUNDY, JOSEPH C., US
- [72] BERTRAM, MICHAEL SCOTT, US
- [71] HOBART BROTHERS COMPANY,  
US
- [22] 2016-08-02
- [41] 2017-02-11
- [30] US (62/203,627) 2015-08-11
- [30] US (15/151,662) 2016-05-11
- 

[21] 2,937,605

[13] A1

- [51] Int.Cl. E04D 1/30 (2006.01)
- [25] EN
- [54] ROOF RIDGE SHINGLE UNIT  
AND METHOD OF USING SAME
- [54] MODULE DE BARDEAU DE  
FAITAGE ET METHODE  
D'UTILISATION ASSOCIEE
- [72] RIVARD, DANIEL, CA
- [71] RIVARD, DANIEL, CA
- [22] 2016-08-02
- [41] 2017-02-07
- [30] GB (1514046.0) 2015-08-07
- 

[21] 2,937,676

[13] A1

- [51] Int.Cl. G01D 18/00 (2006.01) G01B  
17/04 (2006.01) G01L 25/00 (2006.01)  
G08C 15/06 (2006.01)
- [25] EN
- [54] CALIBRATION CIRCUIT AND  
METHOD OF USE
- [54] CIRCUIT D'ETALONNAGE ET  
METHODE D'UTILISATION
- [72] IANNOTTI, JOSEPH ALFRED, US
- [72] PLATT, WILLIAM CHESTER, US
- [72] THAI, TRANG THUY, US
- [71] GENERAL ELECTRIC COMPANY,  
US
- [22] 2016-07-28
- [41] 2017-02-07
- [30] US (14/820,736) 2015-08-07
- 

[21] 2,937,677

[13] A1

- [51] Int.Cl. G06F 9/44 (2006.01) G06F  
11/36 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR  
MODEL BASED TECHNOLOGY  
AND PROCESS FOR SAFETY-  
CRITICAL SOFTWARE  
DEVELOPMENT
- [54] SYSTEME ET METHODE DE  
TECHNOLOGIE FONDEE SUR UN  
MODELE ET PROCEDE DESTINE  
A UN LOGICIEL ESSENTIEL A LA  
SECURITE
- [72] JOHNSON, TIMOTHY LEE, US
- [72] CRAPO, ANDREW WALTER, US
- [72] DURLING, MICHAEL RICHARD, US
- [72] WALSCHE, ALEXANDER, US
- [72] SIU, KIT YAN, US
- [72] PAROLINI, LUCA, US
- [72] MANOLIOS, PANAGIOTIS, US
- [72] LI, MENG, US
- [72] YU, HAN, US
- [72] STACEY, SCOTT ALAN, US
- [72] SYKES, GREGORY REED, US
- [71] GENERAL ELECTRIC COMPANY,  
US
- [22] 2016-07-28
- [41] 2017-02-05
- [30] US (14/819,167) 2015-08-05
- 

[21] 2,937,821

[13] A1

- [51] Int.Cl. H03F 3/217 (2006.01) H02J  
13/00 (2006.01)
- [25] EN
- [54] SWITCHING MODE POWER  
AMPLIFIER WITH LOAD  
ISOLATION
- [54] AMPLIFICATEUR DE PUissance  
A MODE DE COMMUTATION  
DOTE D'ISOLEMENT DE  
CHARGE
- [72] LATRELL, DON, US
- [72] PLETERSKI, JAMES, US
- [71] SPARTON CORPORATION, US
- [22] 2016-08-03
- [41] 2017-02-05
- [30] US (62/201,347) 2015-08-05
- [30] US (15/220,705) 2016-07-27
-

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|  |   |   |
|--|---|---|
| <p style="text-align: right;">[21] <b>2,937,823</b><br/> [13] A1</p> <p>[51] Int.Cl. B05D 1/28 (2006.01) B05C 1/06<br/> (2006.01) F16B 33/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE AND METHOD FOR APPLYING A LIQUID COATING MATERIAL TO A PORTION OF A FASTENING ELEMENT</p> <p>[54] DISPOSITIF ET METHODE DESTINES A L'APPLICATION D'UN MATERIAU DE REVETEMENT LIQUIDE A UNE PORTION D'UN ELEMENT DE FIXATION</p> <p>[72] MASLENNIKOV, JOHANNES, DE</p> <p>[71] AIRBUS OPERATIONS GMBH, DE</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-07</p> <p>[30] EP (15180267.5) 2015-08-07</p> | <p style="text-align: right;">[21] <b>2,937,847</b><br/> [13] A1</p> <p>[51] Int.Cl. A01D 57/02 (2006.01)</p> <p>[25] EN</p> <p>[54] NON-SPLIT BEARING DESIGN FOR A TUBULAR BAT SHAPE WITH LONGITUDINAL KEY, FOR USE WITH THE PICK-UP REEL OF A HARVESTER</p> <p>[54] MODELE DE PALIER NON DIVISE DESTINE A PANNEAU TUBULAIRE COMPORTANT UNE CLE LONGITUDINALE ET SERVANT AU TAMBOUR DE RAMASSAGE D'UN MOISSONNEUR</p> <p>[72] JASPER, EDWARD PATRICK, US</p> <p>[71] HCC, INC., US</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-05</p> <p>[30] US (62/201,275) 2015-08-05</p> <p>[30] US (15/225,363) 2016-08-01</p> | <p style="text-align: right;">[21] <b>2,937,931</b><br/> [13] A1</p> <p>[51] Int.Cl. B41M 5/035 (2006.01)</p> <p>[25] EN</p> <p>[54] SEMI-AUTOMATED SUBLIMATION PRINTING APPARATUS</p> <p>[54] APPAREIL D'IMPRESSION PAR SUBLIMATION SEMI-AUTOMATISEE</p> <p>[72] WILL, GARY EDWARD, US</p> <p>[72] GRICE, BYRON KEITH, US</p> <p>[72] ROSNER, BRIAN DAVID, US</p> <p>[71] THE HILLMAN GROUP, INC., US</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-05</p> <p>[30] US (62/201,355) 2015-08-05</p>   |
| <p style="text-align: right;">[21] <b>2,937,825</b><br/> [13] A1</p> <p>[51] Int.Cl. A61B 6/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR LOCAL THREE DIMENSIONAL VOLUME RECONSTRUCTION USING A STANDARD FLUOROSCOPE</p> <p>[54] SYSTEME ET METHODE DE RECONSTRUCTION DE VOLUME TRIDIMENSIONNEL LOCAL AU MOYEN D'UN FLUOROSCOPE STANDARD</p> <p>[72] WEINGARTEN, OREN P., IL</p> <p>[72] BARAK, RON, IL</p> <p>[71] COVIDIEN LP, US</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-06</p> <p>[30] US (62/201,750) 2015-08-06</p> <p>[30] US (15/224,812) 2016-08-01</p>        | <p style="text-align: right;">[21] <b>2,937,884</b><br/> [13] A1</p> <p>[51] Int.Cl. F16K 24/04 (2006.01) F16K 17/02 (2006.01) F16K 17/42 (2006.01) F16K 21/04 (2006.01) F16K 51/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PLUMBING CONNECTOR HAVING NON-RETURN VALVE</p> <p>[54] RACCORD DE PLOMBERIE COMPORANT UN CLAPET ANTIRETOUR</p> <p>[72] ARMSTRONG, RUSSELL WINSTON, GB</p> <p>[71] ARMSTRONG, RUSSELL WINSTON, GB</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-05</p> <p>[30] GB (1513876.1) 2015-08-05</p> <p>[30] GB (1522290.4) 2015-12-17</p>   | <p style="text-align: right;">[21] <b>2,937,951</b><br/> [13] A1</p> <p>[51] Int.Cl. G05B 19/402 (2006.01) B25J 9/18 (2006.01) B25J 19/04 (2006.01)</p> <p>[25] EN</p> <p>[54] MACHINE AND METHOD OF SELF-ADJUSTMENT TO COMPENSATE FOR PART-TO-PART VARIATIONS</p> <p>[54] MACHINE ET METHODE D'AUTO-AJUSTEMENT EN VUE DE COMPENSER DES VARIATIONS DE PART EN PART</p> <p>[72] NOVAKOVIC, BORIS, CA</p> <p>[72] HOLTKAMP, CHRISTIAN PETER, CA</p> <p>[71] SPM AUTOMATION (CANADA) INC., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,231) 2015-08-07</p> <p>[30] US (15/013,244) 2016-02-02</p> <p>[30] US (15/013,338) 2016-02-02</p> |

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

|  |  |   |
|--|--|---|
| <p style="text-align: right;"><b>[21] 2,937,952</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 40/04 (2012.01) H04W<br/>4/14 (2009.01) H04L 12/16 (2006.01)<br/>H04L 12/58 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR AUTOMATICALLY GENERATING ORDER DATA BASED ON SOCIAL MEDIA MESSAGING</p> <p>[54] SYSTEMES ET METHODES DE GENERATION AUTOMATIQUE DE DONNEES DE COMMANDE FONDEE SUR LA MESSAGERIE DE MEDIAS SOCIAUX</p> <p>[72] SANDRE, BRUNO, CA</p> <p>[72] HAMILTON, MATTHEW, CA</p> <p>[72] BARNETT, JONATHAN K., CA</p> <p>[72] CHAN, PAUL MON-WAH, CA</p> <p>[72] LEE, JOHN JONG SUK, CA</p> <p>[72] DEL VECCHIO, ORIN, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-05</p> <p>[30] US (62/201,392) 2015-08-05</p> | <p style="text-align: right;"><b>[21] 2,938,011</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G01N 21/25 (2006.01)</p> <p>[25] EN</p> <p>[54] IN-SITU SPECTRAL PROCESS MONITORING</p> <p>[54] SURVEILLANCE DE PROCEDE SPECTRAL SUR PLACE</p> <p>[72] CATCHING, BENJAMIN F., US</p> <p>[72] VON GUNTEN, MARC K., US</p> <p>[72] HRUSKA, CURTIS R., US</p> <p>[72] SMITH, PAULA, US</p> <p>[72] COOMBS, PAUL G., US</p> <p>[71] VIAVI SOLUTIONS INC., US</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-05</p> <p>[30] US (14/819,179) 2015-08-05</p>                  | <p style="text-align: right;"><b>[21] 2,938,070</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G07C 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HETEROGENEOUS CLUSTERED ANTI-PASS BACK HOST PROCESSING SYSTEM AND METHOD</p> <p>[54] SYSTEME ET METHODE DE TRAITEMENT D'HOTE ANTI-PASS BACK GROUPE HETEROGENE</p> <p>[72] GOPALAKRISHNA, RAJESH, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-11</p> <p>[30] US (62/203,766) 2015-08-11</p> <p>[30] US (14/984,158) 2015-12-30</p>   |
| <p style="text-align: right;"><b>[21] 2,938,001</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H02G 3/02 (2006.01) G02B<br/>6/46 (2006.01)</p> <p>[25] EN</p> <p>[54] INVERTED CABLE STORAGE DEVICE</p> <p>[54] DISPOSITIF DE STOCKAGE DE CABLE INVERSE</p> <p>[72] HERRINGTON, EMILY, US</p> <p>[72] WILSON, JOSHUA C., US</p> <p>[72] SAKMAR, JOHN, US</p> <p>[71] HUBBELL INCORPORATED, US</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-11</p> <p>[30] US (62/203,706) 2015-08-11</p> <p>[30] US (15/019,547) 2016-02-09</p>   | <p style="text-align: right;"><b>[21] 2,938,013</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G02B 5/20 (2006.01) G01J 3/00<br/>(2006.01) G01N 21/01 (2006.01) G01N<br/>21/25 (2006.01)</p> <p>[25] EN</p> <p>[54] OPTICAL FILTER AND SPECTROMETER</p> <p>[54] FILTRE OPTIQUE ET SPECTROMETRE</p> <p>[72] SMITH, PAULA, US</p> <p>[72] HRUSKA, CURTIS R., US</p> <p>[72] CATCHING, BENJAMIN F., US</p> <p>[72] COOMBS, PAUL G., US</p> <p>[71] VIAVI SOLUTIONS INC., US</p> <p>[22] 2016-08-03</p> <p>[41] 2017-02-05</p> <p>[30] US (14/818,986) 2015-08-05</p> | <p style="text-align: right;"><b>[21] 2,938,073</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62B 5/00 (2006.01) B60L<br/>15/40 (2006.01) B62B 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS, DEVICES, AND METHODS FOR PROVIDING PASSENGER TRANSPORT</p> <p>[54] SYSTEMES, DISPOSITIFS ET METHODES VISANT A FOURNIR LE TRANSPORT DE PASSAGERS</p> <p>[72] HIGH, DONALD R., US</p> <p>[72] WELCH, ERIC, US</p> <p>[72] ATCHLEY, MICHAEL D., US</p> <p>[72] WINKLE, DAVID, US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,744) 2015-08-07</p> |
| <p style="text-align: right;"><b>[21] 2,938,069</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 33/06 (2006.01) A61K<br/>35/741 (2015.01) A61P 29/00 (2006.01)<br/>A61P 39/00 (2006.01)</p> <p>[25] EN</p> <p>[54] REDUCTION OF OXALATE ABSORPTION IN INDIVIDUALS</p> <p>[54] REDUCTION DE L'ABSORPTION D'OXALATE CHEZ LES INDIVIDUS</p> <p>[72] FINE, KENNETH DAVIN, US</p> <p>[71] FINE, KENNETH DAVIN, US</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-06</p> <p>[30] US (62/201,842) 2015-08-06</p> <p>[30] US (15/227,995) 2016-08-04</p>  | <p style="text-align: right;"><b>[21] 2,938,075</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G05D 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] SHOPPING SPACE MAPPING SYSTEMS, DEVICES AND METHODS</p> <p>[54] SYSTEMES, DISPOSITIFS ET METHODES DE CARTOGRAPHIE DE L'ESPACE DE MAGASINAGE</p> <p>[72] HIGH, DONALD R., US</p> <p>[72] TAYLOR, ROBERT C., US</p> <p>[72] ATCHLEY, MICHAEL D., US</p> <p>[71] WAL-MART STORES, INC., US</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,747) 2015-08-07</p>                                    |   |

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|   |
|---|
| <p>[21] <b>2,938,091</b><br/> [13] A1</p> <p>[51] Int.Cl. E21B 11/00 (2006.01) E21B 12/00 (2006.01) F16L 1/028 (2006.01)</p> <p>[25] EN</p> <p>[54] PULLBACK SYSTEM FOR DRILLING TOOL</p> <p>[54] SYSTEME DE RETRAIT D'OUTIL DE FORAGE</p> <p>[72] HOELTING, KEITH ALLEN, US</p> <p>[72] KREIMEYER, ANDREW JAMES, US</p> <p>[71] VERMEER MANUFACTURING COMPANY, US</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-10</p> <p>[30] US (62/203.151) 2015-08-10</p> <p>[30] US (62/294.802) 2016-02-12</p> <p>[30] US (62/326.606) 2016-04-22</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,105</b><br/> [13] A1</p> <p>[51] Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) B64D 41/00 (2006.01) F01C 1/22 (2006.01) F01P 3/00 (2006.01) F02B 33/40 (2006.01) F02B 41/10 (2006.01)</p> <p>[25] EN</p> <p>[54] TURBOPROP ENGINE ASSEMBLY WITH COMBINED ENGINE AND COOLING EXHAUST</p> <p>[54] ASSEMBLAGE DE MOTEUR DE TURBOPROPULSEUR AVEC UN MOTEUR COMBINE ET UN ECHAPPEMENT DE REFROIDISSEMENT</p> <p>[72] JULIEN, ANDRE, CA</p> <p>[72] THOMASSIN, JEAN, CA</p> <p>[72] DUSSAULT, SERGE, CA</p> <p>[71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (15/227,519) 2016-08-03</p> <p>[30] US (62/202,275) 2015-08-07</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,108</b><br/> [13] A1</p> <p>[51] Int.Cl. F02B 53/14 (2006.01) B64D 41/00 (2006.01) F01C 1/22 (2006.01) F01P 3/00 (2006.01) F02B 33/40 (2006.01) F02M 31/20 (2006.01)</p> <p>[25] EN</p> <p>[54] ENGINE ASSEMBLY WITH COMBINED ENGINE AND COOLING EXHAUST</p> <p>[54] ASSEMBLAGE DE MOTEUR AVEC UN MOTEUR COMBINE ET UN ECHAPPEMENT DE REFROIDISSEMENT</p> <p>[72] JULIEN, ANDRE, CA</p> <p>[72] THOMASSIN, JEAN, CA</p> <p>[72] COURTOIS, MAXIME, CA</p> <p>[72] VILLENEUVE, BRUNO, CA</p> <p>[72] DUSSAULT, SERGE, CA</p> <p>[72] ULLYOTT, RICHARD, CA</p> <p>[72] LAFORTUNE, SERGE, CA</p> <p>[72] DIONNE, LUC, CA</p> <p>[72] JONES, ANTHONY, US</p> <p>[72] HAGSHENAS, BEHZAD, US</p> <p>[72] MENHEERE, DAVID, CA</p> <p>[71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (15/227,519) 2016-08-03</p> <p>[30] US (62/202,275) 2015-08-07</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,110</b><br/> [13] A1</p> <p>[51] Int.Cl. F02B 53/14 (2006.01) B64D 33/02 (2006.01) B64D 41/00 (2006.01) F01C 1/22 (2006.01) F01P 3/00 (2006.01) F02B 33/40 (2006.01) F02B 41/10 (2006.01)</p> <p>[25] EN</p> <p>[54] AUXILIARY POWER UNIT WITH COMBINED COOLING OF GENERATOR</p> <p>[54] MODULE D'ALIMENTATION AUXILIAIRE A REFROIDISSEMENT COMBINE DU GENERATEUR</p> <p>[72] JONES, ANTHONY, US</p> <p>[72] JULIEN, ANDRE, CA</p> <p>[72] MENHEERE, DAVID, CA</p> <p>[72] THOMASSIN, JEAN, CA</p> <p>[72] ULLYOTT, RICHARD, CA</p> <p>[71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (15/227,483) 2016-08-03</p> <p>[30] US (62/202,275) 2015-08-07</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,938,113</b><br/> [13] A1</p> <p>[51] Int.Cl. B64D 15/02 (2006.01) B64D 33/08 (2006.01) B64D 41/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AIRCRAFT HEATING ASSEMBLY WITH LIQUID COOLED INTERNAL COMBUSTION ENGINE AND HEATING ELEMENT USING WASTE HEAT</p> <p>[54] MODULE DE CHAUFFAGE D'AERONEF A MOTEUR A COMBUSTION INTERNE REFRIDI AU LIQUIDE ET ELEMENT CHAUFFANT EMPLOYANT LA CHALEUR RESIDUELLE</p> <p>[72] JONES, ANTHONY, US</p> <p>[72] JULIEN, ANDRE, CA</p> <p>[72] MENHEERE, DAVID, CA</p> <p>[72] THOMASSIN, JEAN, CA</p> <p>[72] ULLYOTT, RICHARD, CA</p> <p>[72] VAN DEN ENDE, DANIEL, CA</p> <p>[71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (15/227,501) 2016-08-03</p> <p>[30] US (62/202,287) 2015-08-07</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,938,115</b><br/> [13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 33/02 (2006.01)</p> <p>[25] EN</p> <p>[54] AUXILIARY POWER UNIT WITH VARIABLE SPEED RATIO</p> <p>[54] MODULE D'ALIMENTATION AUXILIAIRE A RAPPORT DE VITESSE VARIABLE</p> <p>[72] JONES, ANTHONY, US</p> <p>[72] JULIEN, ANDRE, CA</p> <p>[72] MENHEERE, DAVID, CA</p> <p>[72] THOMASSIN, JEAN, CA</p> <p>[72] ULLYOTT, RICHARD, CA</p> <p>[72] VAN DEN ENDE, DANIEL, CA</p> <p>[71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] US (15/227,496) 2016-08-03</p> <p>[30] US (62/202,297) 2015-08-07</p> <p>[30] US (62/202,275) 2015-08-07</p> |
|---|

---

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

---

**[21] 2,938,117**

[13] A1

[51] Int.Cl. A47J 47/00 (2006.01)

[25] EN

[54] CUTTING BOARD ASSEMBLY  
[54] ENSEMBLE DE PLANCHE A  
DECOUPER

[72] PIMENTEL, NATHALIE, US

[72] DULSKI, SARA, US

[72] SINGER, DAVID, US

[72] RODERMAN, BRIAN, US

[72] PENDELTON, JUSTIN, US

[72] SHIN, KEVIN, US

[71] ELECTROLUX HOME PRODUCTS,  
INC., US

[22] 2016-08-05

[41] 2017-02-07

[30] US (14/821,292) 2015-08-07

---

**[21] 2,938,118**

[13] A1

[51] Int.Cl. B60R 21/34 (2011.01)

[25] EN

[54] LATERAL ACCESS LIMITATION  
SYSTEM FOR A VEHICLE

[54] SYSTEME DE LIMITATION  
D'ACCES LATERAL DESTINE A  
UN VEHICULE

[72] NELSON, JOSEPH D., US

[72] MEYERS, TROY L., US

[72] DEINEMA, MATTHEW P., US

[71] OSHKOSH CORPORATION, US

[22] 2016-08-04

[41] 2017-02-06

[30] US (62/201,983) 2015-08-06

---

**[21] 2,938,119**

[13] A1

[51] Int.Cl. B64D 41/00 (2006.01) B64D  
33/00 (2006.01)

[25] EN

[54] AUXILIARY POWER UNIT WITH  
ELECTRICALLY DRIVEN  
COMPRESSOR

[54] MODULE D'ALIMENTATION  
AUXILIAIRE A COMPRESSEUR  
ENTRAINE ELECTRIQUEMENT

[72] JONES, ANTHONY, US

[72] JULIEN, ANDRE, CA

[72] MENHEERE, DAVID, CA

[72] THOMASSIN, JEAN, CA

[72] ULLYOTT, RICHARD, CA

[72] VAN DEN ENDE, DANIEL, CA

[71] PRATT & WHITNEY CANADA

CORP., CA

[22] 2016-08-04

[41] 2017-02-07

[30] US (15/227,318) 2016-08-03

[30] US (62/202,283) 2015-08-07

---



---

**[21] 2,938,122**

[13] A1

[51] Int.Cl. B60R 21/02 (2006.01) B60W  
50/14 (2012.01)

[25] EN

[54] AN OCCUPANT RESTRAINT  
SYSTEM AND METHOD OF  
OPERATING

[54] UN SYSTEME DE RESTRICTION  
D'OCCUPANT ET METHODE  
D'UTILISATION

[72] GOYAL, NITIN KUMAR, IN

[71] AMI INDUSTRIES, INC., US

[22] 2016-08-04

[41] 2017-02-06

[30] US (14/819,936) 2015-08-06

---

**[21] 2,938,180**

[13] A1

[51] Int.Cl. C07K 14/705 (2006.01) C07K  
14/47 (2006.01) C07K 14/765  
(2006.01) C07K 16/28 (2006.01) C07K  
17/08 (2006.01) C07K 19/00 (2006.01)  
C12N 15/12 (2006.01) C12N 15/62  
(2006.01) C12P 21/02 (2006.01)

[25] EN

[54] SIRP-ALPHA VARIANT  
CONSTRUCTS AND USES  
THEREOF

[54] CONSTRUCTIONS DE VARIANT  
SIRP-ALPHA ET UTILISATIONS  
ASSOCIEES

[72] DEMING, LAURA, US

[72] GOODMAN, COREY, US

[72] PONS, JAUME, US

[72] SIM, BANG JANET, US

[72] VR LJIC, MARIJA, US

[71] ALEXO THERAPEUTICS INC., US

[22] 2016-08-04

[41] 2017-02-07

[30] US (62/202,772) 2015-08-07

[30] US (62/202,775) 2015-08-07

[30] US (62/202,779) 2015-08-07

[30] TW (104125902) 2015-08-10

[30] US (14/971,931) 2015-12-16

---

**[21] 2,938,203**

[13] A1

[51] Int.Cl. G05D 16/20 (2006.01) B64D  
13/04 (2006.01) F16K 31/06 (2006.01)

[25] EN

[54] AIR PRESSURE REGULATOR

[54] REGULATEUR DE PRESSION DE  
L'AIR

[72] HIELKEMA, JERRY DEAN, US

[71] GE AVIATION SYSTEMS LLC, US

[22] 2016-08-04

[41] 2017-02-11

[30] US (14/823,345) 2015-08-11

---



---

**[21] 2,938,205**

[13] A1

[51] Int.Cl. F04B 49/06 (2006.01) F04B  
47/02 (2006.01)

[25] EN

[54] CONTROLLER AND METHOD OF  
CONTROLLING A ROD PUMPING  
UNIT

[54] COMMANDE ET METHODE DE  
COMMANDE D'UN MODULE DE  
POMPAGE A TIGE

[72] AL ASSAD, OMAR, US

[72] BLOM, ROGIER SEBASTIAAN, US

[72] HUGHES, GARY, US

[72] BARTON, JUSTIN EDWIN, US

[72] WESTERKAMP, PETER, US  
[71] GENERAL ELECTRIC COMPANY,  
US

[22] 2016-08-04

[41] 2017-02-06

[30] US (62/201,708) 2015-08-06

[30] US (14/945,163) 2015-11-18

---

**[21] 2,938,210**

[13] A1

[51] Int.Cl. A61M 25/09 (2006.01) A61M  
25/01 (2006.01)

[25] EN

[54] GUIDE WIRE LUER HUB

[54] RACCORD LUER A FIL GUIDE

[72] O'FALLON, PATRICK TIMOTHY, US

[71] BIOSENCE WEBSTER (ISRAEL)  
LTD., IL

[22] 2016-08-04

[41] 2017-02-05

[30] US (14/819,382) 2015-08-05

---

**[21] 2,938,232**

[13] A1

[51] Int.Cl. G05B 19/402 (2006.01) B23Q  
23/00 (2006.01)

[25] EN

[54] MACHINE TOOLPATH  
COMPENSATION USING  
VIBRATION SENSING

[54] COMPENSATION DE PARCOURS  
OUTIL MACHINE AU MOYEN DE  
LA DETECTION DE VIBRATIONS

[72] COMPAGNAT, JESSEN, CA

[72] ETHIER, MARC ANDRE, US

[72] LARAMEE, JEAN-PIERRE, US

[72] DE CHAMPLAIN, DANY, US

[71] GENERAL ELECTRIC COMPANY,  
US

[22] 2016-08-04

[41] 2017-02-08

[30] US (14/821,691) 2015-08-08

---

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|   |
|---|
| <p>[21] <b>2,938,234</b><br/> [13] A1</p> <p>[51] Int.Cl. H02J 1/00 (2006.01) B64D<br/> 41/00 (2006.01) H01H 83/02 (2006.01)<br/> H02H 3/16 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS, METHODS, AND<br/> DEVICES FOR BIPOLAR HIGH<br/> VOLTAGE DIRECT CURRENT<br/> GROUND FAULT DETECTION</p> <p>[54] SYSTEMES, METHODES ET<br/> DISPOSITIFS DE DETECTION DE<br/> DEFAUT A LA TERRE DE<br/> COURANT CONTINU HAUTE<br/> TENSION BIPOLAIRE</p> <p>[72] HANDY, PETER JAMES, GB</p> <p>[71] GE AVIATION SYSTEMS LIMITED,<br/> GB</p> <p>[22] 2016-08-04</p> <p>[41] 2017-02-07</p> <p>[30] GB (1513998.3) 2015-08-07</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,260</b><br/> [13] A1</p> <p>[51] Int.Cl. F23L 13/00 (2006.01) F23L<br/> 3/00 (2006.01) F23N 3/00 (2006.01)<br/> F24H 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AIR INLET DAMPER</p> <p>[54] ATTENUATEUR D'ENTREE D'AIR</p> <p>[72] POEHLMAN, ROBERT FREDERICK,<br/> US</p> <p>[72] FITZGERALD, JANICE, US</p> <p>[72] ARNOLD, J. ERIC, US</p> <p>[72] SMITH, TIMOTHY MITCHEL, US</p> <p>[72] THOMPSON, CHAD TAYLOR, US</p> <p>[72] KRAUS, GEORGE W., II, US</p> <p>[72] LEE, DUANE A., US</p> <p>[71] A. O. SMITH CORPORATION, US</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,550) 2015-08-07</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,938,272</b><br/> [13] A1</p> <p>[51] Int.Cl. C10G 49/20 (2006.01) C10G<br/> 47/34 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF POLYMERS AS<br/> HETEROGENEOUS HYDROGEN<br/> DONORS IN THE UPGRADING OF<br/> HEAVY AND EXTRA-HEAVY<br/> CRUDE OILS</p> <p>[54] UTILISATION DE POLYMERES<br/> COMME DONNEURS<br/> D'HYDROGÈNE HETEROGENES<br/> POUR LA VALORISATION DE<br/> PETROLES BRUTS, LOURD ET<br/> EXTRALOURD</p> <p>[72] ALEMAN VAZQUEZ, LAURA<br/> OLIVIA, MX</p> <p>[72] CANO DOMINGUEZ, JOSE LUIS,<br/> MX</p> <p>[72] JIMENEZ CRUZ, FEDERICO, MX</p> <p>[72] GARCIA GUTIERREZ, JOSE LUIS,<br/> MX</p> <p>[72] HERNANDEZ PEREZ, FIDENCIO,<br/> MX</p> <p>[72] MARES GALLARDO, MARIA<br/> TERESA, MX</p> <p>[71] INSTITUTO MEXICANO DEL<br/> PETROLEO, MX</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-06</p> <p>[30] MX (MX/A/2015/010173) 2015-08-06</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,938,285</b><br/> [13] A1</p> <p>[51] Int.Cl. F16L 59/12 (2006.01) F16B<br/> 5/00 (2006.01) H01F 1/28 (2006.01)<br/> H01F 7/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MAGNETIC CLASPS FOR<br/> INSULATION</p> <p>[54] AGRAFES MAGNETIQUES<br/> DESTINEES A L'ISOLATION</p> <p>[72] HOFFMAN, MICHAEL, US</p> <p>[71] HYDRA HEATING INDUSTRIES,<br/> LLC, US</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-06</p> <p>[30] US (62/202,114) 2015-08-06</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,938,310</b><br/> [13] A1</p> <p>[51] Int.Cl. A61B 5/0402 (2006.01) A61B<br/> 5/044 (2006.01) A61B 5/0452 (2006.01)</p> <p>[25] EN</p> <p>[54] MATCHING AND TRACKING<br/> TIME SEQUENCES OF HEART<br/> ACTIVATION</p> <p>[54] MISE EN CONCORDANCE ET<br/> SUIVI DE SEQUENCES<br/> TEMPORELLES DE<br/> L'ACTIVATION DU COEUR</p> <p>[72] RUBINSTEIN, VLADIMIR, IL</p> <p>[72] BAR-TAL, MEIR, IL</p> <p>[71] BIOSENSE WEBSTER (ISRAEL)<br/> LTD., IL</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-11</p> <p>[30] US (62/203,422) 2015-08-11</p> <p>[30] US (15/206,418) 2016-07-11</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,938,312</b><br/> [13] A1</p> <p>[51] Int.Cl. A47J 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BEVERAGE CONTAINER<br/> INFUSER APPARATUS</p> <p>[54] APPAREIL INFUSEUR POUR<br/> RECIPIENT DE BOISSON</p> <p>[72] HAMBLY, JESSE, CA</p> <p>[72] HAMBLY, LUKE, CA</p> <p>[71] HAMBLY, JESSE, CA</p> <p>[71] HAMBLY, LUKE, CA</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,225) 2015-08-07</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,314</b><br/> [13] A1</p> <p>[51] Int.Cl. F21S 4/20 (2016.01) F21K 9/00<br/> (2016.01) F21S 4/28 (2016.01)</p> <p>[25] EN</p> <p>[54] LED STRIP HOUSING<br/> APPARATUS</p> <p>[54] DISPOSITIF DE LOGEMENT DE<br/> BANDE D'ECLAIRAGE DEL</p> <p>[72] SUTHERLAND, MARK, CA</p> <p>[71] NINGBO HAIDER IMPORT AND<br/> EXPORT CO., LIMITED, CN</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,360) 2015-08-07</p> |
|---|

---

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

---

|  |
|--|
| <p>[21] <b>2,938,325</b><br/>[13] A1</p> <p>[51] Int.Cl. B01F 15/02 (2006.01) A01C<br/>23/00 (2006.01) B01F 15/04 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>BATCH PREPARATION SYSTEM</b></p> <p>[54] <b>SISTÈME DE PRÉPARATION DE LOT</b></p> <p>[72] WESTLIND, TRAVIS E., US</p> <p>[72] WILHELM, PAUL J., US</p> <p>[72] SOBOLIK, DAVID J., US</p> <p>[71] SUMMERS MANUFACTURING COMPANY, INC., US</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/282,615) 2015-08-07</p> <p>[30] US (15/230,999) 2016-08-08</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,938,329</b><br/>[13] A1</p> <p>[51] Int.Cl. E06B 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>ARCHITECTURAL MANUFACTURES, APPARATUS AND METHODS USING ADDITIVE MANUFACTURING TECHNIQUES</b></p> <p>[54] <b>INSTALLATIONS DE FABRICATION ARCHITECTURALE, APPAREIL ET MÉTHODES EMPLOYANT DES TECHNIQUES DE FABRICATION ADDITIVE</b></p> <p>[72] HOOPER, WILLIAM J., JR., US</p> <p>[72] TUMINELLA, JOSHUA, US</p> <p>[72] BARBULESCU, ION-HORATIU, US</p> <p>[72] MILLER, MATTHEW M., US</p> <p>[72] MCDANIEL, KYLE A., US</p> <p>[71] ALCOA INC., US</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,605) 2015-08-07</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,938,347</b><br/>[13] A1</p> <p>[51] Int.Cl. A63J 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>STAGE REPRESENTATION SYSTEM AND STAGE REPRESENTATION METHOD</b></p> <p>[54] <b>SISTÈME DE PRÉSENTATION DE SCÈNE ET MÉTHODE DE PRÉSENTATION DE SCÈNE</b></p> <p>[72] ISAYAMA, KIYOSHI, JP</p> <p>[71] ISA CO., LTD., JP</p> <p>[22] 2016-08-09</p> <p>[41] 2017-02-10</p> <p>[30] JP (2015-158555) 2015-08-10</p> |
|---|

---



---

|  |
|--|
| <p>[21] <b>2,938,353</b><br/>[13] A1</p> <p>[51] Int.Cl. A01B 63/16 (2006.01) A01C<br/>23/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>IMPLEMENT LEVELING SYSTEM</b></p> <p>[54] <b>MECANISME DE NIVELLEMENT D'ACCESSOIRE</b></p> <p>[72] WESTLIND, TRAVIS E., US</p> <p>[72] WILHELM, PAUL J., US</p> <p>[71] SUMMERS MANUFACTURING COMPANY, INC., US</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/282,626) 2015-08-07</p> <p>[30] US (15/230,923) 2016-08-08</p> |
|--|

---



---

|   |
|---|
| <p>[21] <b>2,938,405</b><br/>[13] A1</p> <p>[51] Int.Cl. B62D 63/06 (2006.01) A01B<br/>59/04 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>CART</b></p> <p>[54] <b>CHARIOT</b></p> <p>[72] GRAY, GEOFF J., CA</p> <p>[72] AVERINK, JOHN MARK, CA</p> <p>[72] ROZENDAAL, JACOBUS A., CA</p> <p>[72] BAKER, BRADLEY WILLIAM, CA</p> <p>[72] PASMA, CHAD DEREK, CA</p> <p>[71] SALFORD GROUP INC., CA</p> <p>[22] 2016-08-09</p> <p>[41] 2017-02-10</p> <p>[30] US (62/203,160) 2015-08-10</p> |
|---|

---



---

|   |
|---|
| <p>[21] <b>2,938,379</b><br/>[13] A1</p> <p>[51] Int.Cl. F21V 5/04 (2006.01) F21S 8/10<br/>(2006.01) F21V 13/04 (2006.01) F21V<br/>17/10 (2006.01) G02B 17/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>LENS INCORPORATED LIGHT MODULE</b></p> <p>[54] <b>LENTILLE INTEGRANT UN MODULE D'ECLAIRAGE</b></p> <p>[72] PENG, CHIA-MEI, TW</p> <p>[72] CHUANG, HSIEH-CHEN, TW</p> <p>[72] CHUANG, PING-HAN, TW</p> <p>[71] TAIWAN NETWORK COMPUTER &amp; ELECTRONIC CO., LTD., TW</p> <p>[22] 2016-08-09</p> <p>[41] 2017-02-10</p> <p>[30] US (14/822,849) 2015-08-10</p> |
|---|

---



---

|  |
|--|
| <p>[21] <b>2,938,434</b><br/>[13] A1</p> <p>[51] Int.Cl. F04B 45/027 (2006.01) F04B<br/>53/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>DOUBLE DIAPHRAGM PUMPS WITH AN ELECTROMAGNETIC DRIVE</b></p> <p>[54] <b>POMPES À DOUBLE DIAPHRAGME EQUIPEES D'UN ENTRAINEMENT ELECTROMAGNETIQUE</b></p> <p>[72] TRETHEWEY, JAMES ERNEST, CA</p> <p>[71] JET FLUID SYSTEMS INC., CA</p> <p>[22] 2016-08-08</p> <p>[41] 2017-02-07</p> <p>[30] US (62/202,635) 2015-08-07</p> <p>[30] US (15231252) 2016-08-08</p> |
|--|

---



---

|   |
|---|
| <p>[21] <b>2,938,380</b><br/>[13] A1</p> <p>[51] Int.Cl. F21V 7/09 (2006.01) F21V<br/>29/74 (2015.01) F21V 7/04 (2006.01)<br/>F21V 13/04 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>HIGH-PERFORMANCE LIGHTING DEVICE</b></p> <p>[54] <b>APPAREIL D'ECLAIRAGE HAUT RENDEMENT</b></p> <p>[72] PENG, CHIA-MEI, TW</p> <p>[72] CHUANG, HSIEH-CHEN, TW</p> <p>[72] CHUANG, PING-HAN, TW</p> <p>[71] TAIWAN NETWORK COMPUTER &amp; ELECTRONIC CO., LTD., TW</p> <p>[22] 2016-08-09</p> <p>[41] 2017-02-10</p> <p>[30] US (14/822,812) 2015-08-10</p> |
|---|

---



---

|  |
|--|
| <p>[21] <b>2,938,472</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 11/30 (2006.01) G08B<br/>23/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEM AND METHOD FOR SMART ALERTS</b></p> <p>[54] <b>SYSTÈME ET MÉTHODE D'ALERTE INTELLIGENTES</b></p> <p>[72] NATU, MAITREYA, IN</p> <p>[72] VENKATESWARAN, PRAVEEN, IN</p> <p>[72] SADAPHAL, VAISHALI PAITHANKAR, IN</p> <p>[71] TATA CONSULTANCY SERVICES LIMITED, IN</p> <p>[22] 2016-08-05</p> <p>[41] 2017-02-07</p> <p>[30] IN (2986/MUM/2015) 2015-08-07</p> |
|--|

---

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

|  |
|--|
| [21] <b>2,938,475</b>  |
| [13] A1  |
| [51] Int.Cl. B60P 7/04 (2006.01) B60J 7/08 (2006.01) E04F 10/04 (2006.01) E04H 15/08 (2006.01) |
| [25] EN  |
| [54] RETRACTABLE TRAILER ENCLOSURE SYSTEM  |
| [54] MECANISME D'ENCERCLEMENT DE REMORQUE RETRACTABLE  |
| [72] POYNTZ, PHILIP, CA  |
| [71] POYNTZ, PHILIP, CA  |
| [22] 2016-08-09  |
| [41] 2017-02-11  |
| [30] US (62/203517) 2015-08-11   |

---

|   |
|---|
| [21] <b>2,938,557</b>   |
| [13] A1   |
| [51] Int.Cl. E04F 10/06 (2006.01) E04F 10/00 (2006.01) E04H 15/58 (2006.01) |
| [25] EN   |
| [54] RETRACTABLE SHADE SYSTEM AND RELATED METHOD OF MANUFACTURING           |
| [54] SYSTEME DE TOILE RETRACTABLE ET METHODE ASSOCIEE DE FABRICATION        |
| [72] LICHTMAN, MARTIN, US   |
| [71] LICHTMAN, MARTIN, US   |
| [22] 2016-08-11   |
| [41] 2017-02-11   |
| [30] US (62/203,848) 2015-08-11   |

|  |
|--|
| [21] <b>2,938,640</b>  |
| [13] A1  |
| [51] Int.Cl. G07F 7/08 (2006.01)                                     |
| [25] EN  |
| [54] ELECTRONIC PAYMENT TERMINAL AND COUPLING DEVICE                 |
| [54] TERMINAL DE PAIEMENT ELECTRONIQUE ET DISPOSITIF DE RACCORDEMENT |
| [72] HERMAN, DEMIR, FR   |
| [72] CYRIL, JANOT, FR  |
| [71] INGENICO GROUP, FR  |
| [22] 2016-08-10  |
| [41] 2017-02-11  |
| [30] FR (1557675) 2015-08-11   |

|  |
|--|
| [21] <b>2,938,481</b>  |
| [13] A1  |
| [51] Int.Cl. A63G 31/00 (2006.01) A63B 69/00 (2006.01) A63C 19/10 (2006.01) E04H 4/12 (2006.01) F04D 35/00 (2006.01) |
| [25] EN  |
| [54] FLOATING SHEET WAVE WATER ATTRACTION  |
| [54] JEU D'EAU A VAGUE FLOTTANTE EN FEUILLE  |
| [72] PARLANE, LAURENCE AUSTIN JAMES, CA  |
| [72] BENSON, DANIEL PAUL, CA   |
| [71] VOLTUS INDUSTRIES LTD., CA  |
| [22] 2016-08-09  |
| [41] 2017-02-09  |
| [30] US (62/202,878) 2015-08-09  |

---

|  |
|--|
| [21] <b>2,938,584</b>  |
| [13] A1  |
| [51] Int.Cl. G06F 12/00 (2006.01) G06F 12/02 (2006.01)                     |
| [25] EN  |
| [54] STORING PARITY DATA SEPARATE FROM PROTECTED DATA                      |
| [54] ENREGISTREMENT DES DONNEES DE PARITE SEPARATION DES DONNEES PROTEGEES |
| [72] BANDIC, ZVONIMIR Z., US   |
| [72] MATEESCU, ROBERT E., US   |
| [72] SONG, SEUNG-HWAN, US  |
| [71] HGST NETHERLANDS B.V., NL   |
| [22] 2016-08-11  |
| [41] 2017-02-11  |
| [30] US (14/823,796) 2015-08-11  |

|  |
|--|
| [21] <b>2,938,686</b>                          |
| [13] A1  |
| [51] Int.Cl. A63G 31/00 (2006.01)              |
| [25] EN  |
| [54] WATER BUCKET GAMES, SYSTEMS, AND METHODS  |
| [54] JEUX DE SEAUX D'EAU, SYSTEMES ET METHODES |
| [72] TONG, RICKY, CN                           |
| [72] OCEGUEDA GALLAGA, VICTOR HUGO, MX         |
| [71] POLYGROUP MACAU LIMITED (BVI), VG         |
| [22] 2016-08-10                                |
| [41] 2017-02-11                                |
| [30] US (62/203,443) 2015-08-11                |

---

|  |
|--|
| [21] <b>2,938,490</b>  |
| [13] A1  |
| [51] Int.Cl. G01F 23/22 (2006.01) G01F 25/00 (2006.01)                         |
| [25] EN  |
| [54] SYSTEM FOR SENSING SUBSTANCE LEVELS IN A STORAGE UNIT                     |
| [54] SYSTEME DE DETECTION DE NIVEAUX DE SUBSTANCE DANS UN MODULE D'ENTREPOSAGE |
| [72] HONECK, RANDALL GENE, US  |
| [72] DING, HAOZHI, US  |
| [71] HONECK, RANDALL GENE, US  |
| [71] DING, HAOZHI, US  |
| [22] 2016-08-08  |
| [41] 2017-02-07  |
| [30] US (62/202,544) 2015-08-07  |

|  |
|--|
| [21] <b>2,938,596</b>                                      |
| [13] A1  |
| [51] Int.Cl. G09B 23/30 (2006.01) A61B 17/42 (2006.01)     |
| [25] EN  |
| [54] INTEGRATED PELVIC AND PERINEAL REPAIR MODEL           |
| [54] MODELE DE REPARATION PELVIENNE ET PERINEAIRE INTEGREE |
| [72] ROBERTSON, ANDREA LEA, CA                             |
| [71] ROBERTSON, ANDREA LEA, CA                             |
| [22] 2016-08-11  |
| [41] 2017-02-11  |
| [30] US (62/203813) 2015-08-11                             |

|  |
|--|
| [21] <b>2,938,749</b>                                  |
| [13] A1  |
| [51] Int.Cl. B60T 3/00 (2006.01)                       |
| [25] EN  |
| [54] WHEEL CHOCK WITH RECESSED GRIPPING MEMBER         |
| [54] CALE DE ROUE DOTEÉ D'UN ELEMENT DE PRISE EN CREUX |
| [72] SALTMAN, MARK, US                                 |
| [72] ZELIS, DAVE, US                                   |
| [72] MOORMAN, SCOTT, US                                |
| [71] BUYERS PRODUCTS COMPANY, US                       |
| [22] 2016-08-10  |
| [41] 2017-02-11  |
| [30] US (62/203,612) 2015-08-11                        |

## Demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

|   |  |   |
|---|--|---|
| <p style="text-align: right;"><b>[21] 2,938,852</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65B 31/00 (2006.01) B65B<br/>25/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALING BAR FOR A VACUUM DRAWER AND VACUUM DRAWER</p> <p>[54] BAR D'ETANCHEISATION DESTINE A UN TIROIR D'ASPIRATEUR ET TIROIR D'ASPIRATEUR</p> <p>[72] BOCKS, STEFAN, DE</p> <p>[72] HARLANDER, FLORIAN, AT</p> <p>[72] KOPFENSTEINER, PETER, AT</p> <p>[71] MICHATEK K.S., SK</p> <p>[22] 2016-08-11</p> <p>[41] 2017-02-11</p> <p>[30] DE (10 2015 010 433.0) 2015-08-11</p>         | <p style="text-align: right;"><b>[21] 2,945,593</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G05B 19/042 (2006.01) H04W<br/>12/02 (2009.01) H04W 88/00 (2009.01)<br/>H04W 4/00 (2009.01)</p> <p>[25] EN</p> <p>[54] SEPARATED INTELLIGENT CONTROL SYSTEM AND METHOD THEREOF</p> <p>[54] SYSTEME DE CONTROLE INTELLIGENT SEPARÉ ET MÉTHODE ASSOCIEE</p> <p>[72] LEUNG, KA HUNG, HK</p> <p>[71] LEUNG, KA HUNG, HK</p> <p>[22] 2016-10-18</p> <p>[41] 2017-02-08</p> <p>[30] CN (201610264297.1) 2016-04-26</p>   | <p style="text-align: right;"><b>[21] 2,948,700</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04L 12/26 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR WEBSPHHERE MQ PERFORMANCE METRICS ANALYSIS</p> <p>[54] SYSTEMES ET METHODES D'ANALYSE DES MESURES DE RENDEMENT MQ DE LA WEBSPHERE</p> <p>[72] BARTLEYWOOD, ALLAN, US</p> <p>[71] TXMQ, INC., US</p> <p>[22] 2016-08-11</p> <p>[41] 2017-02-11</p> <p>[30] US (62/203,713) 2015-08-11</p>            |
| <p style="text-align: right;"><b>[21] 2,938,856</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65B 31/02 (2006.01) B65B<br/>51/10 (2006.01) B65D 81/20 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALING BAR FOR A VACUUM DRAWER AND VACUUM DRAWER</p> <p>[54] BARRE D'ETANCHEITE DESTINEE A UN TIROIR A VIDE ET TIROIR A VIDE</p> <p>[72] BOCKS, STEFAN, DE</p> <p>[72] HARLANDER, FLORIAN, AT</p> <p>[72] KOPFENSTEINER, PETER, AT</p> <p>[71] MICHATEK K.S., SK</p> <p>[22] 2016-08-11</p> <p>[41] 2017-02-11</p> <p>[30] DE (10 2015 010 432.2) 2015-08-11</p> | <p style="text-align: right;"><b>[21] 2,946,981</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C10G 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] OIL SANDS FROTH QUALITY IMPROVEMENT BY HIGH SHEAR MIXING</p> <p>[54] AMELIORATION DE LA QUALITE DE LA MOUSSE DE SABLES BITUMINEUX PAR MELANGE PAR GRANDE FORCE DE CISAILLEMENT</p> <p>[72] CASTELLANOS DUARTE, DIANE Y., US</p> <p>[72] CULLINANE, JOHN T., US</p> <p>[72] MARR, MICHAEL A., CA</p> <p>[72] SAKUHUNI, GIVEMORE, CA</p> <p>[72] BOHRA, LALIT K., US</p> <p>[72] NELSON, ERIC D., US</p> <p>[72] SPEIRS, BRIAN C., CA</p> <p>[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US</p> <p>[71] IMPERIAL OIL RESOURCES LIMITED, CA</p> <p>[22] 2016-10-31</p> <p>[41] 2017-02-10</p> | <p style="text-align: right;"><b>[21] 2,949,693</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A63B 71/00 (2006.01) A45D<br/>42/06 (2006.01) A63B 71/06 (2006.01)<br/>G02B 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] AWARENESS DEVICE FOR ATHLETES</p> <p>[54] DISPOSITIF DE CONSCIENTISATION DESTINE AUX ATHLETES</p> <p>[72] MAHARAJ, DAMIEN, CA</p> <p>[71] MAHARAJ, DAMIEN, CA</p> <p>[22] 2016-11-23</p> <p>[41] 2017-02-07</p> <p>[30] CA (2,946,435) 2016-10-19</p> |
| <p style="text-align: right;"><b>[21] 2,938,912</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E03F 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR REPLACING CULVERTS</p> <p>[54] METHODE ET APPAREIL DE REMPLACEMENT DE PONCEAU</p> <p>[72] CLARKE, WILLIAM G., CA</p> <p>[72] WENTWORTH, STEVEN W., US</p> <p>[71] EARTH TOOL COMPANY LLC, US</p> <p>[71] AECON GROUP INC., CA</p> <p>[22] 2016-08-11</p> <p>[41] 2017-02-11</p> <p>[30] CA (2900182) 2015-08-11</p> <p>[30] US (62/203487) 2015-08-11</p>                               |  |   |

**Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

---

[21] **2,951,069**  
[13] A1

[51] Int.Cl. B64C 11/18 (2006.01)  
[25] FR  
[54] AIRCRAFT ROTOR BLADE WITH ADAPTED GEOMETRY TO IMPROVE ACOUSTICS DURING APPROACH FLIGHT AND THE IMPROVEMENTS IN PERFORMANCE IN FORWARD FLIGHT  
[54] PALE DE ROTOR D'AERONEF A GEOMETRIE ADAPTEE POUR L'AMELIORATION ACOUSTIQUE LORS D'UN VOL D'APPROCHE ET L'AMELIORATION DES PERFORMANCES EN VOL D'AVANCEMENT  
[72] LEUSINK, DEBBIE, FR  
[72] ALFANO, DAVID, FR  
[72] GARETON, VINCENT, FR  
[71] AIRBUS HELICOPTERS, FR  
[22] 2016-12-07  
[41] 2017-02-07  
[30] FR (1502662) 2015-12-21

---

[21] **2,951,073**  
[13] A1

[51] Int.Cl. B64C 27/46 (2006.01) B64C 11/16 (2006.01)  
[25] FR  
[54] ROTOR BLADE WITH GEOMETRY ADAPTED FOR IMPROVED ACOUSTICS DURING APPROACH FLIGHTS AND IMPROVEMENT OF PERFORMANCE DURING STATIONARY AND FORWARD FLIGHT  
[54] PALE DE ROTOR D'AERONEF A GEOMETRIE ADAPTEE POUR L'AMELIORATION ACOUSTIQUE LORS DE VOLS D'APPROCHE ET L'AMELIORATION DES PERFORMANCES EN VOLS STATIONNAIRE ET D'AVANCEMENT  
[72] LEUSINK, DEBBIE, FR  
[72] ALFANO, DAVID, FR  
[72] GARETON, VINCENT, FR  
[71] AIRBUS HELICOPTERS, FR  
[22] 2016-12-07  
[41] 2017-02-07  
[30] FR (1502660) 2015-12-21

---

[21] **2,951,081**  
[13] A1

[51] Int.Cl. B29C 64/153 (2017.01) B22F 3/105 (2006.01)  
[25] EN  
[54] THREE-DIMENSIONAL SHAPING DEVICE  
[54] APPAREIL DE FACONNAGE EN TROIS DIMENSIONS  
[72] AMAYA, KOUICHI, JP  
[72] KATO, TOSHIHIKO, JP  
[72] MIDORIKAWA, TETSUSHI, JP  
[72] MATSUBARA, HIDETO, JP  
[72] YOSHIDA, MITSUYOSHI, JP  
[71] MATSUURA MACHINERY CORPORATION, JP  
[22] 2016-12-09  
[41] 2017-02-07  
[30] JP (2016-138082) 2016-07-13

---

[21] **2,951,452**  
[13] A1

[51] Int.Cl. A43B 5/14 (2006.01) A43B 23/02 (2006.01)  
[25] EN  
[54] CYCLING SHOE WITH LATERAL METATARSAL EXPANSION ZONE  
[54] CHAUSSURE DE CYCLISME DOTEE D'UNE ZONE D'EXTENSION METATARSIENNE LATERALE  
[72] GARNEAU, LOUIS, CA  
[72] PLOURDE, RENE, CA  
[71] LOUIS GARNEAU SPORTS INC., CA  
[22] 2016-12-12  
[41] 2017-02-10

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

---

[21] **2,922,386**  
[13] A1

[51] Int.Cl. A63F 13/69 (2014.01) A63F 13/52 (2014.01) A63F 13/822 (2014.01)  
[25] EN  
[54] GAME DEVICE, GAME DEVICE CONTROL METHOD, AND RECORDING MEDIUM  
[54] DISPOSITIF DE JEU, PROCEDE DE COMMANDE DE DISPOSITIF DE JEU ET SUPPORT D'ENREGISTREMENT  
[72] SAKAKIBARA, KAZUKI, JP  
[71] CAPCOM CO., LTD., JP  
[85] 2016-02-24  
[86] 2014-09-10 (PCT/JP2014/073946)  
[87] (WO2015/041120)  
[30] JP (2013-192916) 2013-09-18  
[30] JP (2014-164254) 2014-08-12

---

[21] **2,945,685**  
[13] A1

[51] Int.Cl. F42B 12/74 (2006.01) F42B 7/04 (2006.01)  
[25] FR  
[54] LEAD-FREE CARTRIDGE COMPONENT AND CARTRIDGE COMPRISING SAME  
[54] COMPOSANT DE CARTOUCHE SANS PLOMB ET CARTOUCHE LE COMPRENANT  
[72] MARICAILLE, PATRICK, FR  
[71] SHOOT HUNTING OUTDOOR, FR  
[85] 2016-07-27  
[86] 2015-02-26 (PCT/FR2015/050457)  
[87] (WO2015/128585)  
[30] FR (1451556) 2014-02-26

---

---

[21] **2,948,885**  
[13] A1

[51] Int.Cl. B65D 1/42 (2006.01) B65D 1/02 (2006.01) B65D 23/08 (2006.01)  
[25] EN  
[54] FACETED CONTAINER  
[54] RECIPIENT A FACETTES  
[72] TAKIEDDINE, RAMZI, US  
[72] BERLEPSCH, JOSEPH ALLEN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-11-10  
[86] 2015-06-03 (PCT/US2015/033868)  
[87] (WO2015/187759)  
[30] US (62/008,740) 2014-06-06

---

[21] **2,948,889**  
[13] A1

[51] Int.Cl. D04H 1/4391 (2012.01) A61F 13/537 (2006.01)  
[25] EN  
[54] CARDED STAPLE FIBER NONWOVENS  
[54] NON-TISSES DE FIBRES DISCONTINUES CARDEES  
[72] VIENS, GERARD A., US  
[72] HARDIE, STEPHEN LEBEUF, US  
[72] CARLIN, EDWARD PAUL, US  
[72] GLASSMEYER, RONDA LYNN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-11-10  
[86] 2015-06-05 (PCT/US2015/034337)  
[87] (WO2015/188032)  
[30] US (62/008,677) 2014-06-06

---

---

[21] **2,948,966**  
[13] A1

[51] Int.Cl. A63H 33/08 (2006.01) A63H 33/10 (2006.01)  
[25] EN  
[54] CONSTRUCTION SYSTEM USING A COMB CONNECTOR  
[54] SYSTEME DE CONSTRUCTION EMPLOYANT UN CONNECTEUR A PEIGNE  
[72] ACERRA, MICHAEL JAMES, US  
[71] ACERRA, MICHAEL JAMES, US  
[85] 2016-11-18  
[86] 2015-08-06 (PCT/US2015/043929)  
[87] (2948966)

---

[21] **2,949,043**  
[13] A1

[51] Int.Cl. E01F 9/631 (2016.01) E02D 27/42 (2006.01) E04H 12/08 (2006.01)  
[25] EN  
[54] POLE ARRANGEMENT  
[54] AGENCEMENT DE POTEAU  
[72] MOBERG, FREDRIK, SE  
[72] LARSSON, PETER, SE  
[72] JOHANSSON, LARS, SE  
[71] NORTHCONE AB, SE  
[85] 2016-11-14  
[86] 2015-06-03 (PCT/SE2015/050647)  
[87] (WO2015/190981)  
[30] SE (1450730-5) 2014-06-12

---

[21] **2,948,892**  
[13] A1

[51] Int.Cl. B61B 7/00 (2006.01) B61B 12/00 (2006.01)  
[25] EN  
[54] CABLE CAR SYSTEM  
[54] INSTALLATION DE TELEPHERIQUE  
[72] SCHERTLER, KURT, AT  
[72] MORITZHUBER, JOHANNES, AT  
[71] INNOVA PATENT GMBH, AT  
[85] 2016-11-14  
[86] 2015-05-07 (PCT/AT2015/000066)  
[87] (WO2015/196221)  
[30] AT (A 509/2014) 2014-06-26

## PCT Applications Entering the National Phase

---

|   |
|---|
| <p>[21] 2,949,113<br/>[13] A1</p> <p>[51] Int.Cl. C11D 17/08 (2006.01) C08J 5/12 (2006.01) C08L 101/14 (2006.01)</p> <p>[25] EN</p> <p>[54] WATER SOLUBLE POUCH COMPRISING AN EMBOSSED AREA</p> <p>[54] SACHET SOLUBLE DANS L'EAU COMPRENANT UNE ZONE GAUFREE</p> <p>[72] PEREZ-PRAT VINUESA, EVA MARIA, SG</p> <p>[72] MARTINEZ BECARES, ALBERTO, BE</p> <p>[72] YAP, FUNG LING, SG</p> <p>[72] OH, SHARON ROSLYN SU YIN, SG</p> <p>[72] RODRIGUEZ, ISABEL, SG</p> <p>[72] LOW, HONG YEE, SG</p> <p>[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2016-11-14</p> <p>[86] 2015-06-11 (PCT/US2015/035227)</p> <p>[87] (WO2015/191796)</p> <p>[30] EP (14172222.3) 2014-06-12</p> |
|---|

---

|  |
|--|
| <p>[21] 2,949,123<br/>[13] A1</p> <p>[51] Int.Cl. A45D 34/04 (2006.01) B41J 2/01 (2006.01) B41J 2/175 (2006.01) B41J 3/407 (2006.01) B41J 29/393 (2006.01)</p> <p>[25] EN</p> <p>[54] CARTRIDGES FOR THE DEPOSITION OF TREATMENT COMPOSITIONS ON KERATINOUS SURFACES</p> <p>[54] CARTOUCHES POUR LE DEPOT DE COMPOSITIONS DE TRAITEMENT SUR DES SURFACES KERATINIQUES</p> <p>[72] RABE, THOMAS ELLIOT, US</p> <p>[72] SHERMAN, FAIZ FEISAL, US</p> <p>[72] BUSH, STEPHAN GARY, US</p> <p>[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE</p> <p>[72] STRIEMER, GRANT EDWARD ANDERS, US</p> <p>[72] LINGOES, JANETTE VILLALOBOS, US</p> <p>[72] KUHLMAN, DENNIS EUGENE, US</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2016-11-14</p> <p>[86] 2015-06-11 (PCT/US2015/035291)</p> <p>[87] (WO2015/191831)</p> <p>[30] US (62/011,857) 2014-06-13</p> |
|--|

---



---

|   |
|---|
| <p>[21] 2,949,245<br/>[13] A1</p> <p>[51] Int.Cl. E01C 9/08 (2006.01) E01C 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS FOR FORMING A LIQUID-TIGHT SEAL ACROSS GAPS FORMED BETWEEN ADJACENT COMPONENTS OF A LOAD-SUPPORTING SURFACE AND METHOD OF ASSEMBLING A LOAD-SUPPORTING SURFACE</p> <p>[54] APPAREIL QUI FORME UN JOINT ETANCHE AUX LIQUIDES A TRAVERS DES ESPACES FORMES ENTRE DES PIECES ADJACENTES D'UNE SURFACE PORTEUSE ET PROCEDE D'ASSEMBLAGE D'UNE SURFACE PORTEUSE</p> <p>[72] EDWARDS, RICHARD LAMAR, JR., US</p> <p>[72] BORDELON, RANDY PAUL, US</p> <p>[72] McDowell, James Kerwin, US</p> <p>[71] Newpark Mats &amp; Integrated Services LLC, US</p> <p>[85] 2016-11-15</p> <p>[86] 2015-06-09 (PCT/US2015/034790)</p> <p>[87] (WO2015/191503)</p> <p>[30] US (62/011,805) 2014-06-13</p> <p>[30] US (62/116,989) 2015-02-17</p> <p>[30] US (14/733,324) 2015-06-08</p> |
|---|

---



---

|   |
|---|
| <p>[21] 2,949,428<br/>[13] A1</p> <p>[51] Int.Cl. B01D 17/04 (2006.01) C02F 1/52 (2006.01) C07B 63/04 (2006.01) C11B 1/10 (2006.01) C02F 1/00 (2006.01) C02F 1/26 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICES FOR DE-EMULSIFYING AND COMPLEXING ORGANIC COMPOUNDS IN EMULSIONS</p> <p>[54] PROCEDE ET DISPOSITIFS POUR LA SEPARATION D'UNE EMULSION ET LA COMPLEXIFICATION DE COMPOSES ORGANIQUES DANS DES EMULSIONS</p> <p>[72] Dietz, Max, DE</p> <p>[71] Drei Lilien PvG GmbH &amp; Co. Kg, DE</p> <p>[85] 2016-11-17</p> <p>[86] 2015-06-01 (PCT/EP2015/062181)</p> <p>[87] (WO2015/185516)</p> <p>[30] DE (10 2014 007 859.0) 2014-06-03</p> |
|---|

---



---

|   |
|---|
| <p>[21] 2,949,433<br/>[13] A1</p> <p>[51] Int.Cl. C07C 67/24 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR THE PREPARATION OF (S)-2-ACETYLOXYPROPIONIC ACID AND DERIVATIVES THEREOF</p> <p>[54] PROCEDE DE PREPARATION D'ACIDE (S)-2-ACETYLOXYPROPIONIQUE ET DE SES DERIVES</p> <p>[72] FRETTA, ROBERTA, IT</p> <p>[72] VISCARDI, CARLO FELICE, IT</p> <p>[72] DELOGU, PIETRO, IT</p> <p>[72] NARDELLI, ALFONSO, IT</p> <p>[72] SGUASSERO, STEFANO, IT</p> <p>[72] DI GIORGIO, FERNANDA, IT</p> <p>[71] BRACCO IMAGING SPA, IT</p> <p>[85] 2016-11-17</p> <p>[86] 2015-06-10 (PCT/EP2015/062892)</p> <p>[87] (WO2015/189244)</p> <p>[30] EP (14171751.2) 2014-06-10</p> |
|---|

---



---

|  |
|--|
| <p>[21] 2,949,435<br/>[13] A1</p> <p>[51] Int.Cl. A61K 31/47 (2006.01) A61K 31/4375 (2006.01) A61K 31/4709 (2006.01) A61K 31/4741 (2006.01) A61K 31/519 (2006.01) A61K 31/5383 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AGENTS FOR USE IN THE TREATMENT OF CARDIOVASCULAR AND INFLAMMATORY DISEASES STRUCTURALLY BASED ON 4(1H)-QUINOLONE</p> <p>[54] AGENTS DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES ET INFLAMMATOIRES AYANT UNE STRUCTURE BASEE SUR LA 4(1H)-QUINOLONE</p> <p>[72] Selwood, David, GB</p> <p>[72] Hobbs, Adrian, GB</p> <p>[71] Ucl Business Plc, GB</p> <p>[85] 2016-11-17</p> <p>[86] 2015-05-21 (PCT/GB2015/051500)</p> <p>[87] (WO2015/189560)</p> <p>[30] GB (1409044.3) 2014-05-21</p> |
|--|

---

## Demandes PCT entrant en phase nationale

---

[21] **2,949,440**  
[13] A1

- [51] Int.Cl. F23C 10/04 (2006.01) B01J 8/26 (2006.01) C10J 3/00 (2006.01) F28C 3/12 (2006.01) F28D 13/00 (2006.01) F28D 19/00 (2006.01)
  - [25] FR
  - [54] PROCESS AND APPARATUS FOR CHEMICAL LOOPING REDOX COMBUSTION WITH CONTROL OF THE HEAT EXCHANGES
  - [54] PROCEDE ET INSTALLATION DE COMBUSTION PAR OXYDO-REDUCTION EN BOUCLE CHIMIQUE AVEC UN CONTROLE DES ECHANGES DE CHALEUR
  - [72] YAZDANPANAH, MAHDI, FR
  - [72] GAUTHIER, THIERRY, FR
  - [72] GUILLOU, FLORENT, FR
  - [71] IFP ENERGIES NOUVELLES, FR
  - [71] TOTAL RAFFINAGE CHIMIE, FR
  - [85] 2016-11-17
  - [86] 2015-06-18 (PCT/EP2015/063745)
  - [87] (WO2015/193450)
  - [30] FR (1455668) 2014-06-19
- 

[21] **2,949,789**  
[13] A1

- [51] Int.Cl. F26B 17/20 (2006.01)
  - [25] EN
  - [54] DRIER APPARATUS
  - [54] APPAREIL DE SECHAGE
  - [72] MORIYAMA, HIDEYUKI, JP
  - [71] KENKI CO., LTD., JP
  - [85] 2016-09-28
  - [86] 2016-05-16 (PCT/JP2016/064452)
  - [87] (2949789)
  - [30] JP (2015-114998) 2015-06-05
- 

[21] **2,949,891**  
[13] A1

- [51] Int.Cl. B08B 7/00 (2006.01)
  - [25] EN
  - [54] TREATMENT METHOD AND DEVICE USING A SUPERCRITICAL FLUID AND INJECTION OF ADDITIVE
  - [54] PROCEDE ET DISPOSITIF DE TRAITEMENT PAR FLUIDE SUPER CRITIQUE AVEC INJECTION D'ADDITIF
  - [72] CHAVRIER, ALAIN, FR
  - [72] FAYETTE, SEBASTIEN, FR
  - [71] DFD - DENSE FLUID DEGREASING, FR
  - [85] 2016-11-22
  - [86] 2015-05-28 (PCT/EP2015/061885)
  - [87] (WO2015/181313)
  - [30] FR (1454890) 2014-05-28
- 

[21] **2,949,892**  
[13] A1

- [51] Int.Cl. B08B 7/00 (2006.01)
  - [25] EN
  - [54] TREATMENT METHOD AND DEVICE USING A SUPERCRITICAL FLUID AND A DISCHARGE STORAGE VOLUME
  - [54] PROCEDE ET DISPOSITIF DE TRAITEMENT PAR FLUIDE SUPER CRITIQUE AVEC VOLUME DE STOCKAGE EN DECHARGE
  - [72] CHAVRIER, ALAIN, FR
  - [71] DFD - DENSE FLUID DEGREASING, FR
  - [85] 2016-11-22
  - [86] 2015-05-28 (PCT/EP2015/061889)
  - [87] (WO2015/181316)
  - [30] FR (1454886) 2014-05-28
- 

[21] **2,949,896**  
[13] A1

- [51] Int.Cl. B09B 3/00 (2006.01) B29B 17/00 (2006.01) C22B 3/04 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C22B 21/00 (2006.01)
- [25] EN
- [54] METHOD FOR PROCESSING PACKAGING MATERIAL
- [54] PROCEDE DE TRAITEMENT D'UN MATERIAU D'EMBALLAGE
- [72] GABL, HELMUTH, AT
- [71] ANDRITZ AG, AT
- [85] 2016-11-22
- [86] 2015-05-21 (PCT/EP2015/061232)
- [87] (WO2015/181038)
- [30] AT (A 422/2014) 2014-05-28

[21] **2,949,934**  
[13] A1

- [51] Int.Cl. C07D 209/52 (2006.01) A61K 31/403 (2006.01) C07D 401/10 (2006.01)
  - [25] EN
  - [54] SMALL MOLECULE LFA-1 INHIBITORS
  - [54] INHIBITEURS DE LFA-1 A PETITES MOLECULES
  - [72] BREITENSTEIN, WERNER, CH
  - [72] HUERZELER, MARIANNE, CH
  - [72] KELLY, TERENCE, US
  - [72] MANCUSO, RICCARDO, CH
  - [72] SCHNEIDER, GISBERT, CH
  - [72] WEITZ-SCHMIDT, GABRIELE, DE
  - [71] ALLOCYTE PHARMACEUTICALS AG, CH
  - [85] 2016-11-22
  - [86] 2015-06-10 (PCT/EP2015/062931)
  - [87] (WO2015/189265)
  - [30] EP (14172200.9) 2014-06-12
- 

[21] **2,949,936**  
[13] A1

- [51] Int.Cl. A61K 47/68 (2017.01) A61K 47/54 (2017.01) A61K 49/00 (2006.01)
- [25] EN
- [54] CONJUGATE COMPRISING A NEUROTENSIN RECEPTOR LIGAND AND USE THEREOF
- [54] CONJUGUE COMPRENANT UN LIGAND DE RECEPTEUR DE NEUROTENSINE ET SON UTILISATION
- [72] OSTERKAMP, FRANK, DE
- [72] HAASE, CHRISTIAN, DE
- [72] REINEKE, ULRICH, DE
- [72] SMERLING, CHRISTIANE, DE
- [72] PASCHKE, MATTHIAS, DE
- [72] UNGEWEISS, JAN, DE
- [71] 3B PHARMACEUTICALS GMBH, DE
- [85] 2016-11-22
- [86] 2015-06-10 (PCT/EP2015/001166)
- [87] (WO2015/188934)
- [30] EP (14001992.8) 2014-06-10
- [30] EP (14002002.5) 2014-06-11

## PCT Applications Entering the National Phase

---

**[21] 2,949,951**  
[13] A1

- [51] Int.Cl. B01J 19/06 (2006.01) B09B 3/00 (2006.01) C08L 1/28 (2006.01) C09K 3/00 (2006.01) C02F 1/52 (2006.01)
  - [25] EN
  - [54] WASTE PAINT SOLIDIFIER
  - [54] AGENT DE SOLIDIFICATION DE PEINTURE USAGÉE
  - [72] GRUSSING, JEFFREY F., US
  - [72] BERNICKE-GRUSSING, NANCY L., US
  - [71] UNITED STATES GYPSUM COMPANY, US
  - [85] 2016-11-22
  - [86] 2015-05-20 (PCT/US2015/031736)
  - [87] (WO2015/187367)
  - [30] US (14/294,341) 2014-06-03
- 

**[21] 2,949,965**  
[13] A1

- [51] Int.Cl. A61K 36/896 (2006.01) A61K 31/7048 (2006.01) A61K 36/73 (2006.01) A61K 38/15 (2006.01) A61P 33/00 (2006.01)
  - [25] EN
  - [54] COMBINATION, COMPOSITION, AND METHOD OF ADMINISTERING THE COMBINATION OR COMPOSITION TO ANIMALS
  - [54] COMBINAISON, COMPOSITION ET METHODE D'ADMINISTRATION DE LA COMBINAISON OU DE LA COMPOSITION A DES ANIMAUX
  - [72] BAFUNDO, KENNETH W., US
  - [72] JOHNSON, A. BRUCE, US
  - [72] CALABOTTA, DAVID, US
  - [72] KNEHANS, WENDELL, US
  - [71] PHIBRO ANIMAL HEALTH CORPORATION, US
  - [71] DESERT KING INTERNATIONAL LLC, US
  - [85] 2016-11-22
  - [86] 2015-05-22 (PCT/US2015/032301)
  - [87] (WO2015/179840)
  - [30] US (62/002,527) 2014-05-23
- 

**[21] 2,950,007**  
[13] A1

- [51] Int.Cl. A61K 47/54 (2017.01) A61K 47/61 (2017.01) A61K 47/66 (2017.01) A61K 31/122 (2006.01) A61K 31/165 (2006.01) A61K 31/192 (2006.01) A61K 31/4192 (2006.01) A61K 31/5375 (2006.01) A61K 31/695 (2006.01) A61K 33/00 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01)
  - [25] EN
  - [54] CARBON MONOXIDE-RELEASING MOLECULES FOR THERAPEUTIC APPLICATIONS AND METHODS OF MAKING AND USING THEREOF
  - [54] MOLECULES LIBERANT DU MONOXYDE DE CARBONE POUR APPLICATIONS THERAPEUTIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
  - [72] WANG, BINGHE, US
  - [72] WANG, DANZHU, US
  - [72] JI, XINGYUE, US
  - [72] DRAGANOV, ALEXANDER, US
  - [72] DAI, CHAOFENG, US
  - [72] DAMERA, KRISHNA, US
  - [72] MERLIN, DIDIER, US
  - [72] VIENNOIS, EMILIE, US
  - [72] ZHENG, YUEQIN, US
  - [71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
  - [85] 2016-11-22
  - [86] 2015-06-09 (PCT/US2015/034948)
  - [87] (WO2015/191616)
  - [30] US (62/009,451) 2014-06-09
- 

**[21] 2,950,021**  
[13] A1

- [51] Int.Cl. A61L 27/38 (2006.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) A61F 2/06 (2013.01) A61L 27/36 (2006.01)
- [25] EN
- [54] BIOENGINEERED ALLOGENEIC VALVE
- [54] VALVE ALLOGENIQUE OBTENUE PAR GENIE GENETIQUE
- [72] SUMITRAN-HOLGERSSON, SUCHITRA, SE
- [72] ROSALES, ANTONIO, NO
- [72] HISDAL, JONNY, NO
- [71] NOVAHEP AB, SE
- [85] 2016-11-23
- [86] 2015-05-27 (PCT/EP2015/061736)
- [87] (WO2015/181245)
- [30] US (62/003,129) 2014-05-27

**[21] 2,950,033**  
[13] A1

- [51] Int.Cl. C07H 21/02 (2006.01) A61K 31/7084 (2006.01) C07F 9/6574 (2006.01) C07H 21/00 (2006.01) C07H 19/213 (2006.01)
  - [25] EN
  - [54] CYCLIC DI-NUCLEOTIDES AS MODULATORS OF STING
  - [54] DI-NUCLEOTIDES CYCLIQUES UTILISES COMME MODULATEURS DE STING
  - [72] BIGGADIKE, KEITH, GB
  - [72] CHAMPIGNY, AURELIE CECILE, GB
  - [72] COE, DIANE MARY, GB
  - [72] NEEDHAM, DEBORAH, GB
  - [72] TAPE, DANIEL TERENCE, GB
  - [71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
  - [85] 2016-11-23
  - [86] 2015-06-02 (PCT/EP2015/062281)
  - [87] (WO2015/185565)
  - [30] GB (1409911.3) 2014-06-04
  - [30] GB (1501466.5) 2015-01-29
- 

**[21] 2,950,047**  
[13] A1

- [51] Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/00 (2006.01) G01N 33/574 (2006.01)
- [25] EN
- [54] METHODS AND ARRAYS FOR USE IN THE SAME
- [54] PROCEDES ET ENSEMBLES UTILISES POUR LESDITS PROCEDES
- [72] BORREBAECK, CARL ARNE KRISTER, SE
- [72] WINGREN, CHRISTER LARS BERTIL, SE
- [71] IMMUNOVIA AB, SE
- [85] 2016-11-23
- [86] 2015-06-09 (PCT/GB2015/051678)
- [87] (WO2015/189591)
- [30] GB (1410226.3) 2014-06-09

## Demandes PCT entrant en phase nationale

---

[21] **2,950,076**  
[13] A1

[51] Int.Cl. A61K 8/04 (2006.01) A61K 8/27 (2006.01) A61K 8/29 (2006.01) A61K 8/34 (2006.01) A61M 35/00 (2006.01) A61Q 19/00 (2006.01)  
[25] EN  
[54] TREATMENT COMPOSITIONS, APPARATUS AND METHODS FOR MODIFYING KERATINOUS SURFACES  
[54] COMPOSITION, APPAREIL ET PROCEDES DE TRAITEMENT POUR LA MODIFICATION DE SURFACES KERATINIQUES  
[72] RABE, THOMAS ELLIOT, US  
[72] STRIEMER, GRANT EDWARD ANDERS, US  
[72] LINGOES, JANETTE VILLALOBOS, US  
[72] KUHLMAN, DENNIS EUGENE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-11-16  
[86] 2015-06-11 (PCT/US2015/035290)  
[87] (WO2015/191830)  
[30] US (62/011,852) 2014-06-13

[21] **2,950,085**  
[13] A1

[51] Int.Cl. C07K 14/11 (2006.01) A61K 9/14 (2006.01) A61K 39/145 (2006.01) A61K 39/385 (2006.01) A61P 37/04 (2006.01) C12N 15/11 (2006.01) C12N 15/31 (2006.01)  
[25] EN  
[54] STABILIZED INFLUENZA HEMAGGLUTININ STEM REGION TRIMERS AND USES THEREOF  
[54] TRIMERES STABILISES DE LA REGION TIGE DE L'HEMAGGLUTININE DU VIRUS DE LA GRIPPE ET LEURS UTILISATIONS  
[72] MASCOLA, JOHN R., US  
[72] BOYINGTON, JEFFREY C., US  
[72] YASSINE, HADI M., US  
[72] KWONG, PETER D., US  
[72] GRAHAM, BARNEY S., US  
[72] KANEKIYO, MASARU, US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2016-11-22  
[86] 2015-05-27 (PCT/US2015/032695)  
[87] (WO2015/183969)  
[30] US (62/003,471) 2014-05-27

[21] **2,950,155**  
[13] A1

[51] Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 7/02 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)  
[25] EN  
[54] BIOLOGICALLY ACTIVE MOLECULE CONJUGATES, REAGENTS AND METHODS OF MANUFACTURE, AND THERAPEUTIC USES  
[54] CONJUGUES DE MOLECULES BIOLOGIQUEMENT ACTIVES, REACTIFS ET METHODES DE FABRICATION, ET UTILISATIONS THERAPEUTIQUES  
[72] NITTOLI, THOMAS, US  
[72] KUNZ, ARTHUR, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2016-11-23  
[86] 2015-06-01 (PCT/US2015/033618)  
[87] (WO2015/187596)  
[30] US (62/006,816) 2014-06-02  
[30] US (62/139,052) 2015-03-27

[21] **2,950,194**  
[13] A1

[51] Int.Cl. B65D 81/107 (2006.01)  
[25] EN  
[54] PROTECTIVE CARDBOARD CORNER AND METHOD FOR PRODUCING THE SAME  
[54] COIN DE CARTON PROTECTEUR ET METHODE DE PRODUCTION DUDIT COIN  
[72] DUDOIT, LAURENT, CA  
[72] DAUER, EDWARD A., US  
[72] D'ANGLADE, PIERRE-MICHEL, CA  
[71] ABZAC CANADA INC., CA  
[85] 2016-11-29  
[86] 2016-02-19 (PCT/CA2016/050151)  
[87] (2950194)  
[30] US (62/201,721) 2015-08-06

[21] **2,950,218**  
[13] A1

[51] Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) C07D 519/00 (2006.01)  
[25] EN  
[54] BENZOTHIADIAZOLAMINES  
[54] BENZOTHIADIAZOLAMINES  
[72] GIESE, ANJA, DE  
[72] KLAR, ULRICH, DE  
[72] KETTSCHAU, GEORG, DE  
[72] SULZLE, DETLEV, DE  
[72] LIENAU, PHILIP, DE  
[72] PETERSEN, KIRSTIN, DE  
[71] BAYER PHARMA AKTIENGESELLCHAFT, DE  
[85] 2016-11-24  
[86] 2015-05-26 (PCT/EP2015/061492)  
[87] (WO2015/181104)  
[30] EP (14169964.5) 2014-05-27  
[30] EP (14199099.4) 2014-12-19

[21] **2,950,228**  
[13] A1

[51] Int.Cl. C07C 267/00 (2006.01) C08G 18/08 (2006.01) C08K 5/29 (2006.01) C08L 75/04 (2006.01) C09K 15/18 (2006.01)  
[25] EN  
[54] BIS[3-ISOPROPENYL-  
ALPHA,ALPHA-  
DIMETHYLBENZYL]CARBODIIM  
IDE, PRODUCTION METHODS,  
AND USE OF SAID COMPOUND  
[54] BIS[3-ISOPROPENYL-  
ALPHA,ALPHA-  
DIMETHYLBENZYL]CARBODIIM  
IDE, SON PROCEDE DE  
FABRICATION ET SON  
UTILISATION  
[72] LAUFER, WILHELM, DE  
[72] SCHONHABER, MARTINA, DE  
[72] ECKERT, ARMIN, DE  
[72] HERD, OLIVER, DE  
[72] SPERBER, ROLF, DE  
[71] RHEIN CHEMIE RHEINAU GMBH, DE  
[85] 2016-11-24  
[86] 2015-06-03 (PCT/EP2015/062410)  
[87] (WO2015/185645)  
[30] EP (14171202.6) 2014-06-04

## PCT Applications Entering the National Phase

---

**[21] 2,950,285**

[13] A1

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) A61P 25/24 (2006.01)
  - [25] EN
  - [54] DIFLUOROETHYLPYRIDINE DERIVATIVES AS NR2B NMDA RECEPTOR ANTAGONISTS
  - [54] DERIVES DE DIFLUOROETHYLPYRIDINE EN TANT QU'ANTAGONISTES DES RECEPTEURS NMDA SELECTIFS DU SITE NR2B
  - [72] SHAPIRO, GIDEON, US
  - [71] RUGEN HOLDINGS (CAYMAN) LIMITED, KY
  - [85] 2016-11-24
  - [86] 2015-06-03 (PCT/US2015/034009)
  - [87] (WO2015/187845)
  - [30] US (62/007,762) 2014-06-04
- 

**[21] 2,950,288**

[13] A1

- [51] Int.Cl. C10G 2/00 (2006.01)
  - [25] EN
  - [54] METHODS, SYSTEMS AND APPARATUSES FOR RECYCLING FISCHER-TROPSCH AND FISCHER-TROPSCH TAIL GAS
  - [54] PROCEDES, SYSTEMES ET APPAREILS DE RECYCLAGE DES GAZ DE QUEUE FISCHER-TROPSCH
  - [72] BONNELL, LEO, US
  - [72] SANTOS, MIGUEL A. F., US
  - [72] GOLCZYNISKI, SCOTT, US
  - [72] LOGUE, BRUCE ALLEN, US
  - [71] SGC ENERGIA CO LLC, US
  - [85] 2016-11-24
  - [86] 2015-05-29 (PCT/US2015/03233)
  - [87] (WO2015/184290)
  - [30] US (62/005,102) 2014-05-30
- 

**[21] 2,950,291**

[13] A1

- [51] Int.Cl. C10G 2/00 (2006.01) C10K 1/00 (2006.01) C10K 1/14 (2006.01) C10K 3/04 (2006.01)
  - [25] EN
  - [54] METHODS, SYSTEMS, AND APPARATUSES FOR UTILIZING A FISCHER-TROPSCH PURGE STREAM
  - [54] PROCEDES, SYSTEMES ET APPAREILS METTANT EN OEUVRE UN FLUX DE PURGE DE FISCHER-TROPSCH
  - [72] LOGUE, BRUCE ALLEN, US
  - [72] GOLCZYNISKI, SCOTT, US
  - [71] SGC ENERGIA CO LLC, US
  - [85] 2016-11-24
  - [86] 2015-05-29 (PCT/US2015/033235)
  - [87] (WO2015/184292)
  - [30] US (62/005,118) 2014-05-30
- 

**[21] 2,950,338**

[13] A1

- [51] Int.Cl. A61K 31/4184 (2006.01) A61K 38/05 (2006.01) A61K 38/08 (2006.01) A61P 35/00 (2006.01)
  - [25] EN
  - [54] PHARMACEUTICAL COMBINATIONS FOR TREATING CANCER
  - [54] ASSOCIATIONS PHARMACEUTIQUES POUR TRAITER LE CANCER
  - [72] MEHRLING, THOMAS JORG, CH
  - [72] OCIO, ENRIQUE MARIA, ES
  - [71] EURO-CELTIQUE S.A., LU
  - [85] 2016-11-25
  - [86] 2015-05-26 (PCT/EP2015/061571)
  - [87] (WO2015/181156)
  - [30] GB (1409471.8) 2014-05-28
- 

**[21] 2,950,339**

[13] A1

- [51] Int.Cl. A61K 9/14 (2006.01) A61K 47/02 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2017.01) A61K 47/42 (2017.01)
  - [25] EN
  - [54] NANOPARTICLE
  - [54] NANOParticule
  - [72] LIZIO, ROSARIO, DE
  - [72] GRIMM, SILKO, DE
  - [72] PETEREIT, HANS-ULRICH, DE
  - [72] EPPLE, MATTHIAS, DE
  - [72] DORDELMANN, GREGOR, DE
  - [71] EVONIK ROHM GMBH, DE
  - [85] 2016-11-25
  - [86] 2015-05-26 (PCT/EP2015/061538)
  - [87] (WO2015/181138)
  - [30] EP (14170333.0) 2014-05-28
- 

**[21] 2,950,343**

[13] A1

- [51] Int.Cl. A61K 31/80 (2006.01) A61P 11/02 (2006.01) A61P 27/14 (2006.01)
- [25] EN
- [54] SILICONE OIL-CONTAINING FORMULATIONS FOR NASAL APPLICATION
- [54] FORMULATIONS A USAGE NASAL CONTENANT DE L'HUILE DE SILICONE
- [72] GOTZ, NOWAK, DE
- [72] JAENICKE, CHRISTOF, DE
- [71] INQPHARM GROUP SDN BHD, MY
- [85] 2016-11-25
- [86] 2015-05-28 (PCT/EP2015/001091)
- [87] (WO2015/185195)
- [30] DE (10 2014 009 164.3) 2014-06-03

## Demandes PCT entrant en phase nationale

---

[21] **2,950,348**  
[13] A1

[51] Int.Cl. A61K 38/17 (2006.01) A61K 38/10 (2006.01) A61P 9/10 (2006.01) A61P 27/02 (2006.01)  
[25] EN  
[54] SOCS1-DERIVED PEPTIDE FOR USE IN CHRONIC COMPLICATIONS OF DIABETES  
[54] PEPTIDE DERIVE DE SOCS1 DESTINE AUX COMPLICATIONS CHRONIQUES DU DIABETE  
[72] EGIDO DE LOS RIOS, JESUS, ES  
[72] GOMEZ GUERRERO, CARMEN, ES  
[72] SIMO CANONGE, RAFAEL, ES  
[72] HERNANDEZ PASCUAL, CRISTINA, ES  
[71] FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBON - INSTITUT DE RECERCA, ES  
[71] FUNDACION INSTITUTO DE INVESTIGACION SANITARIA FUNDACION JIMENEZ DIAZ, ES  
[71] UNIVERSIDAD AUTONOMA DE MADRID, ES  
[85] 2016-11-25  
[86] 2015-05-27 (PCT/ES2015/070415)  
[87] (WO2015/181427)  
[30] ES (P201430796) 2014-05-28

[21] **2,950,354**  
[13] A1

[51] Int.Cl. C07D 417/10 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 417/14 (2006.01)  
[25] EN  
[54] THIAZOLIDINONE COMPOUNDS AND THEIR USE IN THE TREATMENT OF PSYCHIATRIC OR NEUROLOGICAL DISORDERS AND INFLAMMATION, IN PARTICULAR NEUROINFLAMMATION  
[54] COMPOSES DE THIAZOLIDINONE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES PSYCHIATRIQUES OU NEUROLOGIQUES ET D'UNE INFLAMMATION, EN PARTICULIER D'UNE NEUROINFLAMMATION  
[72] REYMOND, JEAN-LOUIS, CH  
[72] NICOLUSSI, SIMON, CH  
[72] GERTSCH, JURG, CH  
[71] UNIVERSITAT BERN, CH  
[85] 2016-11-25  
[86] 2015-05-28 (PCT/EP2015/061915)  
[87] (WO2015/181337)  
[30] EP (14170449.4) 2014-05-28  
[30] EP (14171024.4) 2014-06-03

[21] **2,950,357**  
[13] A1

[51] Int.Cl. C07D 233/88 (2006.01) A61K 31/4164 (2006.01) C07D 249/14 (2006.01) C08G 65/334 (2006.01)  
[25] EN  
[54] IMIDAZOL- OR 1,2,4-TRIAZOL-DERIVATIVES AND THEIR USE  
[54] DERIVES D'IMIDAZOLE OU DE 1,2,4-TRIAZOL ET LEUR UTILISATION  
[72] CHARTON, JULIE, FR  
[72] DEPREZ, BENOIT, FR  
[72] LEROUX, FLORENCE, FR  
[72] STAELS, BART, BE  
[72] MUHR-TAILLEUX, ANNE, FR  
[72] HENNUYER, NATHALIE, FR  
[72] LESTAVEL, SOPHIE, FR  
[72] LASSALLE, MANUEL, FR  
[72] DUBANCHET, BARBARA, FR  
[71] UNIVERSITE DE LILLE 2 DROIT ET SANTE, FR  
[71] INSTITUT PASTEUR DE LILLE, FR  
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR  
[85] 2016-11-25  
[86] 2015-06-11 (PCT/EP2015/063055)  
[87] (WO2015/189330)  
[30] EP (14305893.1) 2014-06-12

---

[21] **2,950,374**  
[13] A1

[51] Int.Cl. A61K 31/4184 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)  
[25] EN  
[54] COMPOUNDS FOR TREATING BRAIN CANCER  
[54] COMPOSES POUR TRAITER LE CANCER DU CERVEAU  
[72] MEHRLING, THOMAS JORG, CH  
[72] FESTUCCIA, CLAUDIO, IT  
[71] EURO-CELTIQUE S.A., LU  
[85] 2016-11-25  
[86] 2015-03-26 (PCT/EP2015/056667)  
[87] (WO2015/180865)  
[30] GB (1409471.8) 2014-05-28

## PCT Applications Entering the National Phase

---

**[21] 2,950,379**  
[13] A1

[51] Int.Cl. C05G 3/00 (2006.01) A23K 20/10 (2016.01) C05C 9/00 (2006.01) C05G 5/00 (2006.01)  
[25] EN  
[54] UREA COMPOSITION AND METHOD FOR PRODUCING SAME  
[54] COMPOSITION D'UREE ET PROCEDE DE PRODUCTION DE LADITE COMPOSITION D'UREE  
[72] KRAWCZYK, THOMAS, DE  
[72] POTTHOFF, MATTHIAS, DE  
[72] VANMARCKE, LUC, BE  
[72] BIJPOST, ERIK ALEXANDER, NL  
[72] MASLOW, ALEXANDER, NL  
[71] UHDE FERTILIZER TECHNOLOGY B.V., NL  
[71] THYSSENKRUPP AG, DE  
[85] 2016-11-25  
[86] 2015-06-17 (PCT/EP2015/063599)  
[87] (WO2015/193377)  
[30] DE (10 2014 108 703.8) 2014-06-20

**[21] 2,950,384**  
[13] A1

[51] Int.Cl. A61K 31/675 (2006.01) A61K 31/662 (2006.01) A61K 31/665 (2006.01) A61P 31/04 (2006.01)  
[25] EN  
[54] GOLD (I)-PHOSPHINE COMPOUNDS AS ANTI-BACTERIAL AGENTS  
[54] COMPOSES A BASE D'OR (I)-PHOSPHINE EN TANT QU'AGENTS ANTI-BACTERIENS  
[72] HOLMES, IAN, GB  
[72] NAYLOR, ALAN, GB  
[72] NEGOITA-GIRAS, GABRIEL, GB  
[72] POWELL, JONATHAN, GB  
[72] CHARLES, IAN, GB  
[72] ALBER, DAGMAR, GB  
[71] AUSPHERIX LIMITED, GB  
[85] 2016-11-25  
[86] 2015-05-28 (PCT/GB2015/051550)  
[87] (WO2015/181550)  
[30] GB (1409401.5) 2014-05-28  
[30] GB (1501969.8) 2015-02-06

**[21] 2,950,385**  
[13] A1

[51] Int.Cl. A61K 31/675 (2006.01) A61K 31/662 (2006.01) A61K 31/665 (2006.01) A61P 31/04 (2006.01)  
[25] EN  
[54] GOLD (I)-PHOSPHINE COMPOUNDS AS ANTI-BACTERIAL AGENTS  
[54] COMPOSES OR (I)-PHOSPHINE UTILISES COMME AGENTS ANTI-BACTERIENS  
[72] HOLMES, IAN, GB  
[72] NAYLOR, ALAN, GB  
[72] NEGOITA-GIRAS, GABRIEL, GB  
[72] POWELL, JONATHAN, GB  
[72] CHARLES, IAN, GB  
[72] ALBER, DAGMAR, GB  
[71] AUSPHERIX LIMITED, GB  
[85] 2016-11-25  
[86] 2015-05-28 (PCT/GB2015/051551)  
[87] (WO2015/181551)  
[30] GB (1409402.3) 2014-05-28  
[30] GB (1501967.2) 2015-02-06

**[21] 2,950,387**  
[13] A1

[51] Int.Cl. B65D 83/44 (2006.01) B65D 83/48 (2006.01) B65D 83/20 (2006.01) B65D 83/66 (2006.01)  
[25] EN  
[54] VALVE ASSEMBLY  
[54] ENSEMBLE SOUPAPE  
[72] NASR, GHASEM, GB  
[72] NOURIAN, AMIR, GB  
[72] GOLDBERG, TOM, GB  
[72] HAWTHORNE, GARY, GB  
[71] THE SALFORD VALVE COMPANY, GB  
[85] 2016-11-25  
[86] 2015-06-01 (PCT/GB2015/051588)  
[87] (WO2015/185904)  
[30] GB (1409861.0) 2014-06-03

**[21] 2,950,393**  
[13] A1

[51] Int.Cl. C07D 417/12 (2006.01) A61K 31/433 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 29/00 (2006.01) C07D 285/08 (2006.01) C07D 417/14 (2006.01)  
[25] EN  
[54] BENZENESULFONAMIDES USEFUL AS SODIUM CHANNEL INHIBITORS  
[54] BENZENESULFONAMIDES UTILES EN TANT QU'INHIBITEURS DES CANAUX SODIQUES  
[72] SWAIN, NIGEL ALAN, GB  
[72] BROWN, ALAN DANIEL, GB  
[72] JONES, LYN HOWARD, US  
[72] MARRON, BRIAN EDWARD, US  
[72] RAWSON, DAVID JAMES, GB  
[72] RYCKMANS, THOMAS, GB  
[72] STORER, ROBERT IAN, GB  
[72] WEST, CHRISTOPHER WILLIAM, US  
[71] PFIZER INC., US  
[85] 2016-11-25  
[86] 2015-05-29 (PCT/IB2015/054072)  
[87] (WO2015/181797)  
[30] US (62/004,935) 2014-05-30  
[30] US (62/139,266) 2015-03-27

**[21] 2,950,394**  
[13] A1

[51] Int.Cl. B29C 49/42 (2006.01) B29C 49/06 (2006.01) B29C 49/12 (2006.01) B29C 49/64 (2006.01)  
[25] EN  
[54] APPARATUS FOR CONVEYING CONTAINERS MADE OF PLASTIC MATERIAL  
[54] APPAREIL POUR LE TRANSPORT DE RECIPIENTS EN MATIERE PLASTIQUE  
[72] ZOPPAS, MATTEO, IT  
[72] EUSEBIONE, ERNESTO, IT  
[72] CAVALLINI, FRANCO, IT  
[72] SEGAT, MATTEO, IT  
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT  
[85] 2016-11-25  
[86] 2015-05-27 (PCT/IB2015/053964)  
[87] (WO2015/181738)  
[30] IT (RM2014A000282) 2014-05-28

## Demandes PCT entrant en phase nationale

---

[21] **2,950,409**  
[13] A1

- [51] Int.Cl. A47K 13/00 (2006.01) E03D 9/00 (2006.01) E03D 9/02 (2006.01) E03D 9/10 (2006.01)
- [25] EN
- [54] SANITARYWARE CLEANING SYSTEM
- [54] SYSTEME DE NETTOYAGE DE SANITAIRES
- [72] GROVER, DAVID, US
- [72] ISHIYAMA, DAIGO, US
- [72] PAYNE, TIM, US
- [72] KURTH, MARK, US
- [72] ROTE, SCOTT, US
- [72] ANTHONY, PHIL, US
- [72] EIGER, AARON, B., US
- [72] HELMSTETTER, CHRIS, US
- [72] AMTHONY, PHIL, US
- [71] AS IP HOLDCO, LLC, US
- [85] 2016-11-25
- [86] 2015-05-27 (PCT/US2015/032648)
- [87] (WO2015/183936)
- [30] US (62/003,222) 2014-05-27

[21] **2,950,410**  
[13] A1

- [51] Int.Cl. C07K 16/00 (2006.01) C12P 21/08 (2006.01)
- [25] EN
- [54] THERAPEUTIC COMPOSITIONS INCLUDING THERAPEUTIC SMALL MOLECULES AND USES THEREOF
- [54] COMPOSITIONS THERAPEUTIQUES COMPRENANT DE PETITES MOLECULES THERAPEUTIQUES ET LEURS UTILISATIONS
- [72] WILSON, D. TRAVIS, US
- [72] BAMBERGER, MARK, US
- [72] OATES, PETER, US
- [71] STEALTH BIOTHERAPEUTICS CORP, MC
- [85] 2016-11-25
- [86] 2015-05-27 (PCT/US2015/032719)
- [87] (WO2015/183988)
- [30] US (62/003,781) 2014-05-28

[21] **2,950,463**  
[13] A1

- [51] Int.Cl. A61K 31/343 (2006.01) A61P 3/10 (2006.01)
- [25] EN
- [54] CAFESTOL FOR TREATING DIABETES
- [54] CAFESTOL DESTINE AU TRAITEMENT DU DIABETE
- [72] GREGERSEN, SOREN, DK
- [72] JEPPESEN, PER BENDIX, DK
- [72] HERMANSEN, KJELD, DK
- [72] MELLBYE, FREDRIK BRUSTAD, DK
- [71] AARHUS UNIVERSITET, DK
- [71] REGION MIDTJYLLAND, DK
- [85] 2016-11-28
- [86] 2015-06-01 (PCT/DK2015/050139)
- [87] (WO2015/180736)
- [30] DK (PA 2014 70314) 2014-05-30

[21] **2,950,466**  
[13] A1

- [51] Int.Cl. C07C 275/30 (2006.01) A61K 31/17 (2006.01) A61K 31/337 (2006.01) A61K 31/341 (2006.01) A61K 31/351 (2006.01) A61K 31/40 (2006.01) A61K 31/4164 (2006.01) A61K 31/437 (2006.01) A61K 31/4402 (2006.01) A61K 31/445 (2006.01) A61K 31/4985 (2006.01) A61K 31/505 (2006.01) A61P 25/00 (2006.01) C07C 275/34 (2006.01) C07D 205/04 (2006.01) C07D 207/10 (2006.01) C07D 211/54 (2006.01) C07D 213/34 (2006.01) C07D 233/64 (2006.01) C07D 239/26 (2006.01) C07D 305/06 (2006.01) C07D 307/18 (2006.01) C07D 309/08 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01)

[25] EN

- [54] 1-(CYCLOPENT-2-EN-1-YL)-3-(2-HYDROXY-3-(ARYLSULFONYL)PHENYL)UREA DERIVATIVES AS CXCR2 INHIBITORS

[54] DERIVES DE 1-(CYCLOPENT-2-EN-1-YL)-3-(2-HYDROXY-3-(ARYLSULFONYL)PHENYL)-UREE UTILISES COMME INHIBITEURS DE CXCR2

- [72] CHEN, WEICHUN, US
- [72] IGBOKO, EBERE F, US
- [72] LIN, XICHEN, US
- [72] LU, HONGFU, CN
- [72] REN, FENG, CN
- [72] WREN, PAUL BRYAN, GB
- [72] XU, ZHONGMIAO, CN
- [72] YANG, TING, CN
- [72] ZHU, LINGDONG, CN
- [71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
- [85] 2016-11-28
- [86] 2015-05-27 (PCT/EP2015/061618)
- [87] (WO2015/181186)
- [30] CN (PCT/CN2014/000545) 2014-05-29
- [30] CN (PCT/CN2014/083380) 2014-07-31
- [30] CN (PCT/CN2015/077947) 2015-04-30

## PCT Applications Entering the National Phase

---

**[21] 2,950,471**

[13] A1

- [51] Int.Cl. B30B 9/28 (2006.01) B30B 11/08 (2006.01) B30B 15/06 (2006.01) C11D 17/00 (2006.01)
  - [25] FR
  - [54] MULTI-LAYER TABLET WITH RECESS, DEVICE AND METHOD FOR COMPACTING SUCH A TABLET
  - [54] TABLETTE MULTICOUCHES A CAVITE, DISPOSITIF ET PROCEDE DE COMPACTION D'UNE TELLE TABLETTE
  - [72] BROSSE, JACQUES, FR
  - [72] VENET, VALERIE, FR
  - [72] ESPEIT, JEAN-LOUIS, FR
  - [72] MALARTRE, DAVID, FR
  - [71] EUROTAB, FR
  - [85] 2016-11-28
  - [86] 2015-05-27 (PCT/EP2015/061727)
  - [87] (WO2015/181241)
  - [30] FR (1454819) 2014-05-28
- 

**[21] 2,950,478**

[13] A1

- [51] Int.Cl. A61K 47/10 (2017.01) A61K 9/00 (2006.01)
- [25] EN
- [54] HYDROALCOHOLIC SYSTEM FOR NAIL TREATMENT
- [54] SYSTEME HYDRO-ALCOOLIQUE POUR LE TRAITEMENT DES ONGLES
- [72] OTERO ESPINAR, FRANCISCO J, ES
- [72] ANGUIANO IGEA, M SOLEDAD F, ES
- [72] CUTRIN GOMEZ, M ELENA, ES
- [72] GOMEZ AMOZA, JOSE LUIS, ES
- [71] UNIVERSIDADE DE SANTIAGO DE COMPOSTELA, ES
- [85] 2016-11-28
- [86] 2015-06-03 (PCT/EP2015/062413)
- [87] (WO2015/185647)
- [30] EP (14382215.3) 2014-06-04

**[21] 2,950,480**

[13] A1

- [51] Int.Cl. G01T 1/36 (2006.01) G01N 33/24 (2006.01) G01T 1/167 (2006.01) G21F 9/34 (2006.01)
  - [25] EN
  - [54] RADIOACTIVE MATERIAL ASSAYING
  - [54] DOSAGE DE MATIERE RADIOACTIVE
  - [72] BEDDOW, HELEN, GB
  - [71] SOLETANCHE FREYSSINET S.A.S., FR
  - [85] 2016-11-28
  - [86] 2015-05-28 (PCT/EP2015/061780)
  - [87] (WO2015/181268)
  - [30] GB (1409467.6) 2014-05-28
- 

**[21] 2,950,493**

[13] A1

- [51] Int.Cl. C07K 7/16 (2006.01) A61K 38/08 (2006.01) A61P 25/00 (2006.01) C07K 7/56 (2006.01)
- [25] EN
- [54] PEPTIDES AS OXYTOCIN AGONISTS
- [54] PEPTIDES UTILISES A TITRE D'AGONISTES D'OXYTOXINE
- [72] BISSANTZ, CATERINA, FR
- [72] BLEICHER, KONRAD, DE
- [72] CHAKRABORTY, KANCHAN, IN
- [72] GRUNDSCHOBER, CHRISTOPHE, CH
- [72] SAHA, GOUTAM, IN
- [71] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2016-11-28
- [86] 2015-06-03 (PCT/EP2015/062314)
- [87] (WO2015/185584)
- [30] EP (14171440.2) 2014-06-06

**[21] 2,950,517**

[13] A1

- [51] Int.Cl. A01N 37/46 (2006.01) A01N 25/30 (2006.01) A01N 43/90 (2006.01) A01P 1/00 (2006.01) A61L 2/16 (2006.01)
  - [25] EN
  - [54] ANTIMICROBIAL PREPARATIONS, METHODS FOR PREPARING THE SAME AND USES THEREOF TO COMBAT MICROORGANISMS
  - [54] PREPARATIONS ANTIMICROBIENNES, PROCEDES DE PREPARATION DE CELLES-CI ET UTILISATIONS DE CELLES-CI POUR LUTTER CONTRE DES MICROORGANISMES
  - [72] SCHWARZ, ULRICH W., GB
  - [71] IPABC LTD, GB
  - [85] 2016-11-28
  - [86] 2015-05-28 (PCT/GB2015/051560)
  - [87] (WO2015/181558)
  - [30] GB (1409451.0) 2014-05-28
- 

**[21] 2,950,520**

[13] A1

- [51] Int.Cl. C12P 5/02 (2006.01) C07D 493/04 (2006.01) C08K 5/04 (2006.01) C08L 71/08 (2006.01)
- [25] FR
- [54] METHANOGEN SUBSTRATE FOR BIOGAS PRODUCTION
- [54] SUBSTRAT METHANOGENE POUR LA FABRICATION DE BIOGAZ
- [72] WYART, HERVE, FR
- [72] IBERT, MATHIAS, FR
- [71] ROQUETTE FRERES, FR
- [85] 2016-11-28
- [86] 2015-05-26 (PCT/FR2015/051387)
- [87] (WO2015/181490)
- [30] FR (14 54715) 2014-05-26

## Demandes PCT entrant en phase nationale

---

**[21] 2,950,527**

[13] A1

- [51] Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)
- [25] EN
- [54] **PULMONARY HYPERTENSION BIOMARKER**
- [54] **BIOMARQUEUR D'HYPERTENSION PULMONAIRE**
- [72] ROWLANDS, MARIANNA, US
- [72] TESSIER, CLEMENCE ANNE JEANNE MARIE, CH
- [72] WHITTAKER, PAUL ANDREW, GB
- [71] NOVARTIS AG, CH
- [85] 2016-11-28
- [86] 2015-05-29 (PCT/IB2015/054082)
- [87] (WO2015/186037)
- [30] EP (14170962.6) 2014-06-03

**[21] 2,950,533**

[13] A1

- [51] Int.Cl. A61K 9/08 (2006.01) A61K 9/48 (2006.01) A61K 31/203 (2006.01) A61K 47/08 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/44 (2017.01) A61P 17/10 (2006.01)
- [25] EN
- [54] **ORAL PHARMACEUTICAL COMPOSITION OF ISOTRETINOIN**
- [54] **COMPOSITION PHARMACEUTIQUE A BASE D'ISOTRETINOINE DESTINEE A LA VOIE ORALE**
- [72] VENKATESHWARAN, RATHINASABAPATHY, IN
- [72] MADAN, SUMIT, IN
- [72] MADAN, HARISH KUMAR, IN
- [72] KOCHHAR, RAVI, IN
- [72] JENA, SIMON SANTOSH, IN
- [72] RAO, RAJESH, IN
- [72] FANDA, ANUJ KUMAR, IN
- [72] SINGH, ROMI BARAT, IN
- [71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
- [85] 2016-11-28
- [86] 2015-05-29 (PCT/IB2015/054088)
- [87] (WO2015/186039)
- [30] IN (1456/DEL/2014) 2014-06-02
- [30] IN (1737/DEL/2014) 2014-06-30
- [30] IN (4002/DEL/2014) 2014-12-30

**[21] 2,950,571**

[13] A1

- [51] Int.Cl. C10L 1/224 (2006.01) C10L 1/10 (2006.01) C10L 1/18 (2006.01) C10L 10/04 (2006.01) C10L 10/08 (2006.01)
- [25] EN
- [54] **CONCENTRATED MULTI-FUNCTIONAL FUEL ADDITIVE PACKAGES**
- [54] **ENSEMBLES D'ADDITIFS DE CARBURANT MULTIFONCTIONNELS CONCENTRES**
- [72] FABRE, CLARA, GB
- [71] THE LUBRIZOL CORPORATION, US
- [85] 2016-11-28
- [86] 2015-05-27 (PCT/US2015/032639)
- [87] (WO2015/183929)
- [30] US (62/005,022) 2014-05-30

**[21] 2,950,587**

[13] A1

- [51] Int.Cl. C07D 487/04 (2006.01)
- [25] EN
- [54] **RADIOLABELLED DERIVATIVES OF A 2-AMINO-6-FLUORO-N-[5-FLUORO-PYRIDIN-3-YL]-PYRAZOLO[1,5-A]PYRIMIDIN-3-CARBOXAMIDE COMPOUND USEFUL AS ATR KINASE INHIBITOR, THE PREPARATION OF SAID COMPOUND AND DIFFERENT SOLID FORMS THEREOF**
- [54] **DERIVES RADIOMARQUES D'UN COMPOSE 2-AMINO-6-FLUORO-N-[5-FLUORO-PYRIDIN-3-YL]-PYRAZOLO[1,5-A]PYRIMIDINE-3-CARBOXAMIDE UTILE COMME INHIBITEUR DE LA KINASE ATR, PREPARATION DUDIT COMPOSE, ET DIFFERENTES FORMES SOLIDES ASSOCIEES**
- [72] AHMAD, NADIA, GB
- [72] CHARRIER, JEAN-DAMIEN, GB
- [72] DAVIS, CHRIS, GB
- [72] ETXEVERRIA I JARDI, GORKA, GB
- [72] FRAYSSE, DAMIEN, GB
- [72] KNEGTEL, RONALD, GB
- [72] PANESAR, MANINDER, GB
- [72] PIERARD, FRANCOISE, GB
- [72] PINDER, JOANNE, GB
- [72] STORCK, PIERRE-HENRI, GB
- [72] STUDLEY, JOHN, GB
- [71] VERTEX PHARMACEUTICALS INCORPORATED, US
- [85] 2016-11-28
- [86] 2015-05-28 (PCT/US2015/032879)
- [87] (WO2015/187451)
- [30] US (62/008,277) 2014-06-05

## PCT Applications Entering the National Phase

---

**[21] 2,950,625**

[13] A1

[51] Int.Cl. A61K 31/4184 (2006.01) A61K 31/429 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)

[25] EN

[54] PHARMACEUTICAL COMBINATION COMPRISING A CLASS III RECEPTOR TYROSINE KINASE INHIBITOR AND THE ALKYLATING HISTONE- DEACETYLASE INHIBITOR FUSION MOLECULE EDO-S101 TOGETHER WITH ITS USE IN THE TREATMENT OF CANCER

[54] COMBINAISON PHARMACEUTIQUE COMPORTANT UN INHIBITEUR DU RECEPTEUR A ACTIVITE TYROSINE KINASE DE CLASSE III ET LA MOLECULE DE FUSION EDO-S101 INHIBITRICE D'HISTONE DEACETYLASE A EFFET ALKYLANT ET SON UTILISATION DANS LE TRAITEMENT DU CANCER

[72] MEHRLING, THOMAS JORG, CH  
 [71] EURO-CELTIQUE S.A., LU  
 [85] 2016-11-25  
 [86] 2015-05-26 (PCT/EP2015/061569)  
 [87] (WO2015/181154)  
 [30] GB (1409488.2) 2014-05-28

**[21] 2,950,669**

[13] A1

[51] Int.Cl. E01C 7/18 (2006.01) E01C 7/32 (2006.01)

[25] EN

[54] METHOD FOR PRODUCING BITUMINOUS COATINGS WITH REDUCED TACKINESS

[54] PROCEDE DE PRODUCTION DE REVETEMENTS BITUMINEUX A ADHESIVITE REDUITE

[72] ZHOU, QIONG, US  
 [72] JAMES, ALAN DUNCAN, US  
 [72] FRANKLIN, RALPH, US  
 [72] GORSUCH, CHRISTINE CORNELIA, US  
 [71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL  
 [85] 2016-11-29  
 [86] 2015-06-11 (PCT/EP2015/063030)  
 [87] (WO2015/189322)  
 [30] US (62/011,271) 2014-06-12  
 [30] EP (14186173.2) 2014-09-24

**[21] 2,950,702**

[13] A1

[51] Int.Cl. B65D 85/804 (2006.01)

[25] EN

[54] REINFORCEMENT RING FOR CAPSULES FOR OBTAINING BEVERAGES

[54] BAGUE DE RENFORT POUR CAPSULES POUR OBTENIR DES BOISSONS

[72] RAPPARINI, GINO, IT

[71] RAPPARINI, GINO, IT

[85] 2016-11-29

[86] 2015-05-29 (PCT/IB2015/054074)

[87] (WO2015/186035)

[30] IT (BO2014A000325) 2014-06-04

**[21] 2,950,724**

[13] A1

[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) C07D 495/14 (2006.01)

[25] EN

[54] NAPHTHYRIDINEDIONE DERIVATIVES

[54] DERIVES DE NAPHTHYRIDINEDIONE

[72] REINHARDT, JUERGEN, CH

[72] SCHMIEDEBERG, NIKO, CH

[72] SPANKA, CARSTEN, CH

[71] NOVARTIS AG, CH

[85] 2016-11-29

[86] 2015-06-02 (PCT/IB2015/054174)

[87] (WO2015/186063)

[30] EP (14170976.6) 2014-06-03

**[21] 2,950,753**

[13] A1

[51] Int.Cl. B05D 1/32 (2006.01) A62C 31/00 (2006.01) B05B 15/04 (2006.01)

[25] EN

[54] COAT-IN-PLACE ASSEMBLIES AND METHODS TO PROVIDE AN AESTHETICALLY PLEASING SPRINKLER ASSEMBLY AND METHODS

[54] ENSEMBLES ET PROCEDES D'APPLICATION DE REVETEMENT IN SITU POUR FOURNIR UN ENSEMBLE EXTINCTEUR D'ASPECT ESTHETIQUE ET PROCEDES ASSOCIES

[72] CONNERY, LUKE STEVENSON, US

[72] BRIGHENTI, JEFFREY MARTIN, US

[72] KANNAN, BHARANI, IN

[72] KRISHNASWAMY, MANIKANDAN, IN

[72] BROWN, KENNETH ROBERT, US

[72] BEAGEN, JOSEPH W., US

[71] TYCO FIRE PRODUCTS LP, US

[71] TYCO FIRE & SECURITY GMBH, CH

[85] 2016-11-29

[86] 2015-05-28 (PCT/US2015/032981)

[87] (WO2015/184141)

[30] US (62/005,800) 2014-05-30

[30] US (14/538,500) 2014-11-11

## Demandes PCT entrant en phase nationale

---

**[21] 2,950,802**  
[13] A1

- [51] Int.Cl. C07D 233/60 (2006.01) A01N 43/50 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)
  - [25] EN
  - [54] SUBSTITUTED [1,2,4]TRIAZOLE AND IMIDAZOLE COMPOUNDS AS FUNGICIDES
  - [54] COMPOSES [1,2,4]-TRIAZOLES ET IMIDAZOLES SUBSTITUES UTILISES COMME FONGICIDES
  - [72] GRAMMENOS, WASSILIOS, DE
  - [72] BOUDET, NADEGE, DE
  - [72] MUELLER, BERND, DE
  - [72] QUINTERO PALOMAR, MARIA ANGELICA, DE
  - [72] ESCRIBANO CUESTA, ANA, DE
  - [72] LAUTERWASSER, ERICA MAY WILSON, DE
  - [72] LOHMANN, JAN KLAAS, DE
  - [72] GROTE, THOMAS, DE
  - [72] KRETSCHMER, MANUEL, DE
  - [72] CRAIG, IAN ROBERT, DE
  - [71] BASF SE, DE
  - [85] 2016-11-30
  - [86] 2015-05-28 (PCT/EP2015/061772)
  - [87] (WO2015/189035)
  - [30] EP (14171796.7) 2014-06-10
- 

**[21] 2,950,804**  
[13] A1

- [51] Int.Cl. A61K 35/545 (2015.01) A61K 38/17 (2006.01) A61P 29/00 (2006.01)
- [25] EN
- [54] TREATMENT OF IMMUNE DISORDERS
- [54] TRAITEMENT DE TROUBLES IMMUNITAIRES
- [72] ITESCU, SILVIU, AU
- [72] SIMMONS, PAUL, AU
- [71] MESOBLAST INTERNATIONAL SARL, CH
- [85] 2016-11-30
- [86] 2015-06-01 (PCT/EP2015/062138)
- [87] (WO2015/189063)
- [30] AU (AU2014902194) 2014-06-10
- [30] AU (AU2014902257) 2014-06-13

**[21] 2,950,812**  
[13] A1

- [51] Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)
  - [25] EN
  - [54] SUBSTITUTED [1,2,4]TRIAZOLE COMPOUNDS
  - [54] COMPOSES [1,2,4]TRIAZOLES SUBSTITUES
  - [72] GRAMMENOS, WASSILIOS, DE
  - [72] BOUDET, NADEGE, DE
  - [72] MUELLER, BERND, DE
  - [72] ESCRIBANO CUESTA, ANA, DE
  - [72] LOHMANN, JAN KLAAS, DE
  - [72] GROTE, THOMAS, DE
  - [72] CRAIG, IAN ROBERT, DE
  - [72] FEHR, MARCUS, DE
  - [72] QUINTERO PALOMAR, MARIA ANGELICA, DE
  - [72] LAUTERWASSER, ERICA MAY WILSON, DE
  - [72] KRETSCHMER, MANUEL, DE
  - [71] BASF SE, DE
  - [85] 2016-11-30
  - [86] 2015-06-05 (PCT/EP2015/062534)
  - [87] (WO2015/185708)
  - [30] EP (14171468.3) 2014-06-06
- 

**[21] 2,950,823**  
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C12N 15/13 (2006.01) C07K 14/715 (2006.01)
- [25] EN
- [54] ANTIBODIES DIRECTED AGAINST CD127
- [54] ANTICORPS ANTI-CD127
- [72] POIRIER, NICOLAS, FR
- [72] MARY, CAROLINE, FR
- [72] VANHOVE, BERNARD, FR
- [71] OSE IMMUNOTHERAPEUTICS, FR
- [85] 2016-11-30
- [86] 2015-06-10 (PCT/EP2015/062993)
- [87] (WO2015/189302)
- [30] US (62/010,117) 2014-06-10
- [30] EP (15305078.6) 2015-01-23

**[21] 2,950,853**  
[13] A1

- [51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01)
  - [25] FR
  - [54] DERIVATIVES OF 2H-PYRAZOLE[4,3-C]QUINOLIN-3(5H)-ONE AND USE THEREOF
  - [54] DERIVES DE 2H-PYRAZOLE[4,3-C]QUINOLIN-3(5H)-ONE ET LEUR UTILISATION
  - [72] MILLET, REGIS, FR
  - [72] CHAVATTE, PHILIPPE, FR
  - [72] DESREUMAUX, PIERRE, FR
  - [72] BODY, MATHILDE, FR
  - [72] EL BAKALI, JAMAL, FR
  - [71] UNIVERSITE DU DROIT ET DE LA SANTE LILLE 2, FR
  - [71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
  - [71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE (CHRU), FR
  - [85] 2016-11-30
  - [86] 2015-06-11 (PCT/FR2015/051549)
  - [87] (WO2015/189523)
  - [30] FR (14 55322) 2014-06-12
- 

**[21] 2,950,856**  
[13] A1

- [51] Int.Cl. A61F 5/34 (2006.01) A61F 5/01 (2006.01) A61F 5/32 (2006.01) A61H 7/00 (2006.01) A61H 9/00 (2006.01)
- [25] EN
- [54] SUPPORT DEVICE
- [54] DISPOSITIF D'AIDE
- [72] LINDSAY, LES, GB
- [71] THE DIABETIC BOOT COMPANY LTD., GB
- [85] 2016-11-30
- [86] 2015-06-10 (PCT/GB2015/051699)
- [87] (WO2015/189608)
- [30] GB (1410308.9) 2014-06-10

## PCT Applications Entering the National Phase

**[21] 2,950,866**  
[13] A1

- [51] Int.Cl. B05D 1/34 (2006.01) B05D 1/26 (2006.01) B41F 31/22 (2006.01) B41F 31/26 (2006.01)
- [25] EN
- [54] CUSTOMIZABLE APPARATUS AND METHOD FOR TRANSPORTING AND DEPOSITING FLUIDS
- [54] APPAREIL SUR MESURE ET PROCEDE DE TRANSPORT ET DE DEPOT DE FLUIDES
- [72] BYRNE, THOMAS TIMOTHY, US
- [72] PRODOEHL, MICHAEL SCOTT, US
- [72] MCNEIL, KEVIN BENSON, US
- [72] MELLIN, GUSTAV ANDRE', US
- [72] CHEN, HAIBIN, US
- [72] RUSSELL, MATTHEW ALAN, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2016-11-29
- [86] 2015-05-28 (PCT/US2015/032790)
- [87] (WO2015/184039)
- [30] US (14/291,757) 2014-05-30

**[21] 2,950,876**  
[13] A1

- [51] Int.Cl. C40B 40/02 (2006.01) A61K 48/00 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) C12P 19/34 (2006.01)
- [25] EN
- [54] METHODS FOR CHARACTERIZING ALTERNATIVELY OR ABERRANTLY SPLICED MRNA ISOFORMS
- [54] PROCEDES DE CARACTERISATION D'ISOFORMES D'ARNM EPISES DE MANIERE DIFFERENTE OU ABERRANTE
- [72] BERGSMA, ATZE JACOBUS, NL
- [72] VAN DER WAL, ERIK, NL
- [72] PIJNAPPEL, WILHELMUS WENCESLAUS MATTHIAS, NL
- [72] VAN DER PLOEG, ANTJE TJITSKE, NL
- [72] REUSER, ARNOLDUS, NL
- [71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
- [85] 2016-11-30
- [86] 2015-06-10 (PCT/NL2015/050420)
- [87] (WO2015/190921)
- [30] NL (PCT/NL2014/050375) 2014-06-10
- [30] EP (14177884.5) 2014-07-21
- [30] EP (14183589.2) 2014-09-04

**[21] 2,950,878**  
[13] A1

- [51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 3/00 (2006.01) C07H 21/00 (2006.01) C12N 15/11 (2006.01)
- [25] EN
- [54] ANTISENSE OLIGONUCLEOTIDES USEFUL IN TREATMENT OF POMPE DISEASE
- [54] OLIGONUCLEOTIDES ANTISENS UTILISES DANS LE TRAITEMENT DE LA MALADIE DE POMPE
- [72] BERGSMA, ATZE JACOBUS, NL
- [72] VAN DER WAL, ERIK, NL
- [72] PIJNAPPEL, WILHELMUS WENCESLAUS MATTHIAS, NL
- [72] VAN DER PLOEG, ANTJE TJITSKE, NL
- [72] REUSER, ARNOLDUS, NL
- [71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
- [85] 2016-11-30
- [86] 2015-06-10 (PCT/NL2015/050421)
- [87] (WO2015/190922)
- [30] NL (PCT/NL2014/050374) 2014-06-10
- [30] EP (14177884.5) 2014-07-21
- [30] EP (14183589.2) 2014-09-04

**[21] 2,950,901**  
[13] A1

- [51] Int.Cl. B05D 1/34 (2006.01) B05D 1/26 (2006.01) B41F 31/22 (2006.01) B41F 31/26 (2006.01)
- [25] EN
- [54] CUSTOMIZABLE APPARATUS AND METHOD FOR TRANSPORTING AND DEPOSITING FLUIDS
- [54] APPAREIL ET PROCEDE PERSONNALISABLES POUR TRANSPORTER ET DEPOSER DES FLUIDES
- [72] BYRNE, THOMAS TIMOTHY, US
- [72] PRODOEHL, MICHAEL SCOTT, US
- [72] MCNEIL, KEVIN BENSON, US
- [72] MELLIN, GUSTAV ANDRE, US
- [72] CHEN, HAIBIN, US
- [72] RUSSELL, MATTHEW ALAN, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2016-11-30
- [86] 2015-05-20 (PCT/US2015/031683)
- [87] (WO2015/183644)
- [30] US (14/291,588) 2014-05-30

**[21] 2,950,912**  
[13] A1

- [51] Int.Cl. A61K 8/58 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)
- [25] EN
- [54] CLEAR COMPOSITIONS AND METHODS FOR THE DELIVERY OF ACTIVE INGREDIENTS FOR SKIN CARE
- [54] COMPOSITIONS CLAIRES ET PROCEDES D'ADMINISTRATION DE PRINCIPES ACTIFS POUR UN SOIN DE PEAU
- [72] MATRAVERS, PETER, US
- [71] ARBONNE INTERNATIONAL, LLC, US
- [85] 2016-11-30
- [86] 2015-06-04 (PCT/US2015/034144)
- [87] (WO2015/187921)
- [30] US (62/007,837) 2014-06-04

## Demandes PCT entrant en phase nationale

---

**[21] 2,950,934**  
[13] A1

- [51] Int.Cl. C07K 16/32 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)
  - [25] EN
  - [54] MONOCLONAL ANTIBODIES AGAINST HER2 EPITOPE AND METHODS OF USE THEREOF
  - [54] ANTICORPS MONOCLONAUX DIRIGES CONTRE L'EPITOPE HER2 ET PROCEDES D'UTILISATION DE CEUX-CI
  - [72] BODYAK, NATALYA D., US
  - [72] DEVIT, MICHAEL J., US
  - [72] KRAULAND, ERIC M., US
  - [72] LOWINGER, TIMOTHY B., US
  - [72] PARK, PETER U., US
  - [72] PRINZ, BIANKA, US
  - [72] YURKOVETSKIY, ALEKSANDR V., US
  - [71] MERSANA THERAPEUTICS, INC., US
  - [85] 2016-11-30
  - [86] 2015-06-18 (PCT/US2015/036431)
  - [87] (WO2015/195917)
  - [30] US (62/013,944) 2014-06-18
  - [30] US (62/034,489) 2014-08-07
  - [30] US (62/147,960) 2015-04-15
  - [30] US (62/149,444) 2015-04-17
- 

**[21] 2,950,944**  
[13] A1

- [51] Int.Cl. A23L 7/117 (2016.01) A23L 7/126 (2016.01) A23L 29/10 (2016.01) A23L 29/212 (2016.01) A23L 29/269 (2016.01) A23P 30/10 (2016.01)
- [25] EN
- [54] ROTARY MOLDED SHAPED CRUNCHY GRANOLA FOOD PRODUCTS AND METHODS OF MAKING SAME
- [54] PRODUITS ALIMENTAIRES DE TYPE GRANOLA CROQUANTS MOULES ROTATIFS ET LEURS PROCEDES DE FABRICATION
- [72] TRECE, THOMAS Z., US
- [72] ENEVOLD, CONSTANCE JO, US
- [72] BARNES, DONALD, US
- [72] SULOFF, ERIC C., US
- [72] REICHKITZER, TAMARA A., US
- [71] KELLOGG COMPANY, US
- [85] 2016-12-01
- [86] 2015-06-19 (PCT/US2015/036670)
- [87] (WO2015/196061)
- [30] US (62/014,448) 2014-06-19

**[21] 2,950,992**  
[13] A1

- [51] Int.Cl. C12P 23/00 (2006.01) C12N 1/21 (2006.01) C12N 15/54 (2006.01) C12N 15/61 (2006.01) C12N 15/63 (2006.01) C12P 5/00 (2006.01) C12P 9/00 (2006.01)
  - [25] EN
  - [54] METHOD OF PRODUCING TERPENES OR TERPENOIDS
  - [54] PROCEDE DE PRODUCTION DE TERPENES OU DE TERPENOÏDES
  - [72] CHABOT, NICOLAS, FR
  - [72] CASTANG, SANDRA, FR
  - [72] BAUCHART, PHILIPPE, FR
  - [72] LEONETTI, JEAN-PAUL, FR
  - [71] DEINOVE, FR
  - [85] 2016-12-01
  - [86] 2015-06-15 (PCT/EP2015/063335)
  - [87] (WO2015/189428)
  - [30] EP (14305907.9) 2014-06-13
- 

**[21] 2,951,005**  
[13] A1

- [51] Int.Cl. C12Q 1/68 (2006.01)
- [25] EN
- [54] METHODS FOR ESTIMATING CLUSTER NUMBERS
- [54] PROCEDES POUR ESTIMER DES NOMBRES D'AGREGATS
- [72] RASOLONJATOVO, ISABELLE MARIE JULIA, GB
- [72] BOUTELL, JONATHAN MARK, GB
- [72] SMITH, VINCENT PETER, GB
- [72] RIGATTI, ROBERTO, GB
- [71] ILLUMINA CAMBRIDGE LIMITED, GB
- [85] 2016-12-01
- [86] 2015-06-11 (PCT/GB2015/051720)
- [87] (WO2015/189621)
- [30] GB (1410420.2) 2014-06-11

**[21] 2,951,037**  
[13] A1

- [51] Int.Cl. C10G 2/00 (2006.01) B01J 8/02 (2006.01) B01J 8/06 (2006.01) B01J 37/16 (2006.01) B01J 38/02 (2006.01)
  - [25] EN
  - [54] METHODS, SYSTEMS, AND APPARATUSES TO IMPROVE PROCESSES OF INCREASING FISCHER-TROPSCH CATALYST ACTIVITY
  - [54] PROCEDES, SYSTEMES ET APPAREILS DESTINES A AMELIORER DES PROCEDES D'AUGMENTATION DE L'ACTIVITE D'UN CATALYSEUR DE FISCHER-TROPSCH
  - [72] FUTRAL, GARY STEPHEN, US
  - [72] RAMAN, GOVINDARAJAN, US
  - [71] SGC ENERGIA CO LLC, US
  - [85] 2016-12-01
  - [86] 2015-06-04 (PCT/US2015/034216)
  - [87] (WO2015/187962)
  - [30] US (62/008,301) 2014-06-05
- 

**[21] 2,951,043**  
[13] A1

- [51] Int.Cl. A61F 13/00 (2006.01)
- [25] EN
- [54] DRESSING WITH FLUID ACQUISITION AND DISTRIBUTION CHARACTERISTICS
- [54] PANSEMENT AYANT DES CARACTERISTIQUES D'ACQUISITION ET DE DISTRIBUTION DE FLUIDE
- [72] COULTHARD, RICHARD DANIEL JOHN, GB
- [72] ROBINSON, TIMOTHY MARK, GB
- [72] LOCKE, CHRISTOPHER BRIAN, GB
- [71] KCI LICENSING, INC., US
- [85] 2016-12-01
- [86] 2015-06-04 (PCT/US2015/034289)
- [87] (WO2015/188003)
- [30] US (62/008,395) 2014-06-05

## PCT Applications Entering the National Phase

---

**[21] 2,951,077**

[13] A1

- [51] Int.Cl. C07K 14/575 (2006.01) A61K 38/22 (2006.01) A61P 3/10 (2006.01) C07K 14/605 (2006.01)
  - [25] EN
  - [54] EXENDIN-4 DERIVATIVES AS SELECTIVE GLUCAGON RECEPTOR AGONISTS
  - [54] DERIVES DE L'EXENDINE-4 EN TANT QU'AGONISTES SELECTIFS DU RECEPTEUR DU GLUCAGON
  - [72] HAACK, TORSTEN, DE
  - [72] STENGELIN, SIEGFRIED, DE
  - [72] EVERS, ANDREAS, DE
  - [72] WAGNER, MICHAEL, DE
  - [72] HENKEL, BERND, DE
  - [71] SANOFI, FR
  - [85] 2016-12-02
  - [86] 2015-06-17 (PCT/EP2015/063607)
  - [87] (WO2015/193381)
  - [30] EP (14305935.0) 2014-06-18
- 

**[21] 2,951,100**

[13] A1

- [51] Int.Cl. C02F 1/28 (2006.01) C02F 1/00 (2006.01) C02F 1/78 (2006.01)
- [25] FR
- [54] METHOD FOR WATER TREATMENT BY ADSORPTION AND FILTRATION ON A GRANULAR MATERIAL BED
- [54] PROCEDE DE TRAITEMENT D'EAU PAR ADSORPTION ET FILTRATION SUR LIT DE MATERIAU GRANULAIRE
- [72] GAID, ABDELKADER, FR
- [72] SAUVIGNET, PHILIPPE, FR
- [71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
- [85] 2016-12-02
- [86] 2015-06-18 (PCT/EP2015/063669)
- [87] (WO2015/193410)
- [30] FR (1455618) 2014-06-18

---

**[21] 2,951,208**

[13] A1

- [51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] REDUCING INTRON RETENTION
  - [54] REDUCTION DE LA RETENTION D'INTRONS
  - [72] VORECHOVSKY, IGOR, GB
  - [72] KRALOVICOVA, JANA, GB
  - [71] UNIVERSITY OF SOUTHAMPTON, GB
  - [85] 2016-12-05
  - [86] 2015-06-16 (PCT/GB2015/051756)
  - [87] (WO2015/193651)
  - [30] GB (1410693.4) 2014-06-16
- 

**[21] 2,951,278**

[13] A1

- [51] Int.Cl. C12N 5/10 (2006.01) A01K 67/027 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01) C12Q 1/00 (2006.01)
- [25] EN
- [54] NON-HUMAN ANIMALS HAVING A HUMANIZED PROGRAMMED CELL DEATH 1 GENE
- [54] ANIMAUX NON HUMAINS PRESENTANT UN GENE 1 HUMANISE DE LA MORT CELLULAIRE PROGRAMMEE
- [72] BUROVA, ELENA, US
- [72] MUJICA, ALEXANDER O., US
- [72] LAI, KA-MAN VENUS, US
- [72] MURPHY, ANDREW J., US
- [71] REGENERON PHARMACEUTICALS, INC., US
- [85] 2016-12-05
- [86] 2015-06-19 (PCT/US2015/036649)
- [87] (WO2015/196051)
- [30] US (62/014,181) 2014-06-19
- [30] US (62/086,518) 2014-12-02
- [30] US (62/138,221) 2015-03-25

---

**[21] 2,951,318**

[13] A1

- [51] Int.Cl. A63B 57/50 (2015.01)
  - [25] EN
  - [54] DEVICE FOR REPAIRING PITCH MARKS
  - [54] OUTIL DE REPARATION DE MARQUES DE COCHEUR
  - [72] FUCHSHUMER, ROLAND, AT
  - [71] FUCHSHUMER, ROLAND, AT
  - [85] 2016-12-09
  - [86] 2016-06-09 (PCT/EP2016/063097)
  - [87] (2951318)
  - [30] DE (102015109339.1) 2015-06-11
  - [30] DE (102015120311.1) 2015-11-24
- 

**[21] 2,951,333**

[13] A1

- [51] Int.Cl. F03D 3/06 (2006.01)
  - [25] FR
  - [54] SAVONIUS WIND POWER ROTOR
  - [54] ROTOR EOLIEN DE TYPE SAVONIUS
  - [72] DEJAEGERE, PHILIPPE, BE
  - [71] PHILEOLE, BE
  - [85] 2016-12-06
  - [86] 2015-06-08 (PCT/EP2015/062732)
  - [87] (WO2015/189155)
  - [30] BE (2014/0438) 2014-06-10
- 

**[21] 2,951,344**

[13] A1

- [51] Int.Cl. A61L 9/014 (2006.01) A61L 9/01 (2006.01) A61L 15/46 (2006.01) C01F 11/18 (2006.01)
- [25] EN
- [54] METHOD FOR THE CONTROL OF ODOUR
- [54] PROCEDE DE REGULATION D'ODEUR
- [72] OHR, STEFFEN, CH
- [72] HUNZIKER, PHILIPP, CH
- [72] SCHOELKOPF, JOACHIM, CH
- [72] GANE, PATRICK A.C., CH
- [71] OMYA INTERNATIONAL AG, CH
- [85] 2016-12-06
- [86] 2015-06-16 (PCT/EP2015/063455)
- [87] (WO2015/193299)
- [30] EP (14173318.8) 2014-06-20
- [30] US (62/030,154) 2014-07-29

## Demandes PCT entrant en phase nationale

---

[21] 2,951,346  
[13] A1

[51] Int.Cl. A23G 3/44 (2006.01) A23L 29/281 (2016.01) A23P 10/20 (2016.01) A23J 1/02 (2006.01) A23J 3/06 (2006.01)

[25] EN

[54] COMPOSITION IN THE FORM OF COMPACTED PARTICLES AND USE THEREOF

[54] COMPOSITION SOUS FORME DE PARTICULES COMPACTEES ET SON UTILISATION

[72] DICK, EBERHARD, DE

[72] GOTTLING, SONJA, DE

[72] WIRTH, SIGRID, DE

[72] BEISEL, JENS, DE

[71] GELITA AG, DE

[85] 2016-12-06

[86] 2015-06-16 (PCT/EP2015/063456)

[87] (WO2015/193300)

[30] DE (10 2014 108 502.7) 2014-06-17

---

[21] 2,951,350  
[13] A1

[51] Int.Cl. A23J 3/34 (2006.01) A23L 27/23 (2016.01) A23L 27/24 (2016.01) A23L 33/18 (2016.01) A23J 1/18 (2006.01) C12P 21/06 (2006.01)

[25] EN

[54] LOW GLUTEN YEAST HYDROLYSATES

[54] HYDROLYSATS DE LEVURE A FAIBLE TENEUR EN GLUTEN

[72] VAN BEELEN, PETRUS NORBERTUS, NL

[71] DSM IP ASSETS B.V., NL

[85] 2016-12-06

[86] 2015-06-26 (PCT/EP2015/064483)

[87] (WO2016/001072)

[30] EP (14175235.2) 2014-07-01

---

[21] 2,951,351  
[13] A1

[51] Int.Cl. C12N 7/01 (2006.01) A61K 39/13 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C12N 7/00 (2006.01) C12N 7/04 (2006.01) C12N 15/43 (2006.01) C12Q 1/68 (2006.01)

[25] EN

[54] COLD-ADAPTED-VIRAL-ATTENUATION (CAVA) AND NOVEL ATTENUATED POLIOVIRUS STRAINS

[54] ATTENUATION VIRALE ADAPTEE AU FROID (CAVA) ET NOUVELLES SOUCHES DE POLIOVIRUS ATTENUÉES

[72] SANDERS, BARBARA PETRONELLA, NL

[72] CUSTERS, JEROME H.H.V., NL

[72] EDO-MATAS, DIANA, NL

[72] UIL, TACO GILLES, NL

[72] LEWIS, JOHN ALFRED, US

[71] JANSEN VACCINES & PREVENTION B.V., NL

[85] 2016-12-06

[86] 2015-06-16 (PCT/EP2015/063489)

[87] (WO2015/193324)

[30] US (62/013,379) 2014-06-17

[30] EP (14176071.0) 2014-07-08

---

[21] 2,951,355  
[13] A1

[51] Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) C07K 14/705 (2006.01) C07K 16/32 (2006.01) C12N 15/62 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 15/85 (2006.01)

[25] EN

[54] CAR-EXPRESSING NK-92 CELLS AS CELL THERAPEUTIC AGENTS

[54] CELLULES NK-92 EXPRIMANT CAR COMME AGENTS THERAPEUTIQUES CELLULAIRES

[72] WELS, WINFRIED, DE

[72] SCHONFELD, KURT, DE

[72] TONN, TORSTEN, DE

[72] GREZ, MANUEL, DE

[72] ZHANG, CONGCONG, DE

[71] CHEMOTHERAPEUTISCHE FORSCHUNGSGESELLSCHAFT GEORG SPEYER-HAUS, DE

[71] DRK BLUTSPENDEDIENST BADEN-WURTTEMBERG-HESSEN GGMBH, DE

[85] 2016-12-06

[86] 2015-06-18 (PCT/EP2015/063674)

[87] (WO2015/193411)

[30] EP (14173020.0) 2014-06-18

---

[21] 2,951,364  
[13] A1

[51] Int.Cl. B01J 23/70 (2006.01) B01D 53/94 (2006.01) B01J 23/02 (2006.01) B01J 23/16 (2006.01) B01J 23/30 (2006.01) F01N 3/10 (2006.01)

[25] EN

[54] BASE METAL CATALYST

[54] CATALYSEUR METALLIQUE DE BASE

[72] KALWEI, MARTIN, DE

[72] HUENNEKES, EDGAR V., DE

[71] BASF SE, DE

[85] 2016-12-06

[86] 2015-06-10 (PCT/IB2015/000904)

[87] (WO2015/189680)

[30] US (62/010,697) 2014-06-11

[30] US (14/604,026) 2015-01-23

---

[21] 2,951,376  
[13] A1

[51] Int.Cl. C08L 71/10 (2006.01) H01G 11/34 (2013.01) C01B 32/00 (2017.01) C04B 35/524 (2006.01) C08J 3/075 (2006.01)

[25] FR

[54] GELLED AQUEOUS POLYMER COMPOSITION, PYROLYSED CARBONATED COMPOSITION PRODUCED THEREFROM FOR A SUPERCAPACITOR ELECTRODE, AND METHODS FOR THE PRODUCTION THEREOF

[54] COMPOSITION POLYMERIQUE AQUEUSE GELIFIEE, COMPOSITION CARBONEE PYROLYSEE QUI EN EST ISSUE POUR ELECTRODE DE SUPERCONDENSATEUR ET LEURS PROCEDES DE PREPARATION

[72] DORIE, HUGO, FR

[72] AYME-PERROT, DAVID, FR

[72] DUFOUR, BRUNO, FR

[72] SONNTAG, PHILIPPE, FR

[71] HUTCHINSON, FR

[85] 2016-12-05

[86] 2015-06-10 (PCT/IB2015/054372)

[87] (WO2015/189776)

[30] FR (1455293) 2014-06-11

## PCT Applications Entering the National Phase

---

**[21] 2,951,386**  
[13] A1

- [51] Int.Cl. C07K 7/08 (2006.01) A23K 20/147 (2016.01) A23L 33/18 (2016.01) A23L 3/3526 (2006.01) A61L 2/16 (2006.01) C07K 7/64 (2006.01) C12P 21/02 (2006.01)
  - [25] EN
  - [54] ANTIMICROBIAL PEPTIDES, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF
  - [54] PEPTIDES ANTIMICROBIENS, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION CORRESPONDANTS
  - [72] ZHENG, JIE, US
  - [72] KNOLHOFF, ANN MARIE, US
  - [72] BROWN, ERIC WAYNE, US
  - [72] CROLEY, TIMOTHY RAY, US
  - [71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
  - [85] 2016-12-06
  - [86] 2015-06-09 (PCT/US2015/034859)
  - [87] (WO2015/191551)
  - [30] US (62/009,467) 2014-06-09
- 

**[21] 2,951,443**  
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61P 37/00 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)
- [25] EN
- [54] KV1.3 BINDING IMMUNOGLOBULINS
- [54] IMMUNOGLOBULINES DE LIAISON A KV1.3
- [72] VAN HOORICK, DIANE, BE
- [72] DEPLA, ERIK, BE
- [72] VERDONCK, FRANK KAMIEL DELPHINA, BE
- [72] DELANOTE, VEERLE, BE
- [72] JANSEN, DANIEL, BE
- [72] DESCAMPS, FRANCIS, BE
- [72] LABADIA, MARK EDWARD, US
- [72] MIKHAIL, ANN, US
- [72] WATERMAN, ALISA K., US
- [71] ABLYNX NV, BE
- [85] 2016-12-07
- [86] 2015-06-18 (PCT/EP2015/063748)
- [87] (WO2015/193452)
- [30] US (62/014,023) 2014-06-18
- [30] NL (NL2013661) 2014-10-21
- [30] US (62/133,624) 2015-03-16

**[21] 2,951,742**  
[13] A1

- [51] Int.Cl. B62D 21/14 (2006.01)
  - [25] EN
  - [54] VEHICLE, IN PARTICULAR A SELF-PROPELLED TRANSPORT VEHICLE, WITH VARIABLE WIDTH
  - [54] VEHICULE DE TRANSPORT, NOTAMMENT VEHICULE DE TRANSPORT AUTOMOTEUR, DE LARGEUR VARIABLE
  - [72] KRAMER, AXEL, DE
  - [72] BANNERT, KURT, DE
  - [72] RUGER, STEFAN, DE
  - [71] SCHEUERLE FAHRZEUGFABRIK GMBH, DE
  - [85] 2016-12-09
  - [86] 2015-06-17 (PCT/EP2015/001223)
  - [87] (WO2015/197173)
  - [30] DE (10 2014 009 036.1) 2014-06-24
  - [30] DE (20 2014 005 055.4) 2014-06-24
- 

**[21] 2,951,748**  
[13] A1

- [51] Int.Cl. B64C 27/04 (2006.01) B64C 23/00 (2006.01)
- [25] FR
- [54] TAIL BOOM OF A ROTORCRAFT, AND ROTORCRAFT
- [54] POUTRE DE QUEUE DE GIRAVION, ET GIRAVION
- [72] LEUSINK, DEBBIE, FR
- [72] ALFANO, DAVID, FR
- [71] AIRBUS HELICOPTERS, FR
- [85] 2016-12-09
- [86] 2015-06-04 (PCT/EP2015/062519)
- [87] (WO2016/008639)
- [30] FR (1401589) 2014-07-16

**[21] 2,952,149**  
[13] A1

- [51] Int.Cl. B01J 19/28 (2006.01)
  - [25] EN
  - [54] PROCESS FOR OPERATING A SIMULATED MOVING BED REACTOR
  - [54] PROCEDE POUR FAIRE FONCTIONNER UN REACTEUR A LIT MOBILE SIMULE
  - [72] KAWAJIRI, YOSHIAKI, US
  - [72] BOMMARIUS, ANDREAS, US
  - [72] OH, JUNGMIN, US
  - [72] AGRAWAL, GAURAV, US
  - [72] SREEDHAR, BALAMURALI, US
  - [71] DOW GLOBAL TECHNOLOGIES LLC, US
  - [85] 2016-12-05
  - [86] 2015-06-04 (PCT/US2015/034175)
  - [87] (WO2015/187931)
  - [30] US (62/008,560) 2014-06-06
- 

**[21] 2,952,495**  
[13] A1

- [51] Int.Cl. B23K 9/095 (2006.01) B23K 31/12 (2006.01) G09B 19/24 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD OF MONITORING WELDING INFORMATION
- [54] SYSTEME ET PROCEDE DE SURVEILLANCE D'INFORMATIONS DE SOUDAGE
- [72] BECKER, WILLIAM JOSHUA, US
- [72] BEESON, RICHARD, US
- [71] ILLINOIS TOOL WORKS INC., US
- [85] 2016-12-14
- [86] 2015-06-24 (PCT/US2015/037439)
- [87] (WO2015/200491)
- [30] US (62/018,334) 2014-06-27
- [30] US (14/747,701) 2015-06-23

## Demandes PCT entrant en phase nationale

---

|  |
|--|
| <b>[21] 2,952,496</b><br>[13] A1   |
| [51] Int.Cl. B23K 9/095 (2006.01) A61F 9/06 (2006.01) B23K 9/32 (2006.01) G09B 19/24 (2006.01) |
| [25] EN  |
| [54] SYSTEM AND METHOD FOR REMOTE WELDING TRAINING   |
| [54] SYSTEME ET PROCEDE POUR APPRENTISSAGE DE SOUDAGE A DISTANCE                               |
| [72] BECKER, WILLIAM JOSHUA, US  |
| [72] BEESON, RICHARD, US   |
| [71] ILLINOIS TOOL WORKS INC., US  |
| [85] 2016-12-14  |
| [86] 2015-06-24 (PCT/US2015/037440)  |
| [87] (WO2015/200492)   |
| [30] US (62/018,339) 2014-06-27  |
| [30] US (14/747,690) 2015-06-23  |

---

|   |
|---|
| <b>[21] 2,952,531</b><br>[13] A1  |
| [51] Int.Cl. C07K 19/00 (2006.01) A61K 39/165 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01) C07K 14/18 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/40 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01) |
| [25] EN   |
| [54] A DENGUE VIRUS CHIMERIC POLYPEPTIDE COMPOSED OF FRAGMENTS OF NON-STRUCTURAL PROTEINS AND ITS USE IN AN IMMUNOGENIC COMPOSITION AGAINST DENGUE VIRUS INFECTION  |
| [54] POLYPEPTIDE CHIMERIQUE DU VIRUS DE LA DENGUE COMPOSE DE FRAGMENTS DE PROTEINES NON STRUCTURALES ET SON UTILISATION DANS UNE COMPOSITION IMMUNOGENE CONTRE UNE INFECTION PAR LE VIRUS DE LA DENGUE  |
| [72] TANGY, FREDERIC, FR  |
| [72] SHAKUNTABAI, ANAVAJ, FR  |
| [72] SIMON-LORIERE, ETIENNE, FR   |
| [72] ROTH, CLAUDE, FR   |
| [72] BUCHY, PHILIPPE, FR  |
| [71] INSTITUT PASTEUR, FR   |
| [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR   |
| [85] 2016-12-15   |
| [86] 2015-06-22 (PCT/EP2015/064010)   |
| [87] (WO2015/197565)  |
| [30] EP (14305984.8) 2014-06-23   |

|  |
|--|
| <b>[21] 2,952,533</b><br>[13] A1                                     |
| [51] Int.Cl. F16C 37/00 (2006.01) F16C 32/04 (2006.01)               |
| [25] EN  |
| [54] A COOLING SYSTEM FOR MAGNETIC AXIAL BEARING                     |
| [54] SYSTEME DE REFROIDISSEMENT DESTINE A UN PALIER AXIAL MAGNETIQUE |
| [72] GUENARD, DENIS GUILLAUME, FR                                    |
| [71] THERMODYN SAS, FR   |
| [85] 2016-12-15  |
| [86] 2015-06-25 (PCT/EP2015/064349)                                  |
| [87] (WO2015/197750)   |
| [30] FR (1456060) 2014-06-27   |

---

|   |
|---|
| <b>[21] 2,952,662</b><br>[13] A1  |
| [51] Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01) E21B 19/16 (2006.01) E21B 19/24 (2006.01)  |
| [25] EN   |
| [54] SEMIAUTOMATED DRILL ROD HANDLING APPARATUS AND METHOD, HAND-HELD HAUL PLUG SPINNER AND HAUL PLUG COMBINATION AND DRILL ROD HANDLING SYSTEM WITH BOTH |
| [54] APPAREIL ET PROCEDE SEMI-AUTOMATISE DE MANIPULATION DE TIGES DE FORAGE   |
| [72] CRAIG WALL, RYAN, CL   |
| [71] EXPLORATION DRILL MASTERS CHILE S.A., CL   |
| [85] 2016-12-16   |
| [86] 2015-06-15 (PCT/CL2015/050018)   |
| [87] (WO2016/008060)  |
| [30] AU (2014204515) 2014-07-18   |

|   |
|---|
| <b>[21] 2,952,705</b><br>[13] A1  |
| [51] Int.Cl. B23Q 17/09 (2006.01) B23B 29/04 (2006.01) H04B 1/034 (2006.01) |
| [25] FR   |
| [54] INSTRUMENTED TOOL POST, AND ASSOCIATED TOOL HOLDER                     |
| [54] SUPPORT D'OUTIL INSTRUMENTE ET PORTE-OUTIL ASSOCIE                     |
| [72] BUSI, ROGER, FR  |
| [72] LAURENT, PATRICE, FR   |
| [72] JAYR, CYRIL, FR  |
| [71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES ET DU DECOLLETAGE, FR       |
| [85] 2016-12-16   |
| [86] 2015-06-16 (PCT/EP2015/063395)   |
| [87] (WO2015/193266)  |
| [30] FR (1455471) 2014-06-16  |

---

|  |
|--|
| <b>[21] 2,952,750</b><br>[13] A1   |
| [51] Int.Cl. F01D 11/12 (2006.01) B23P 15/04 (2006.01) F01D 9/04 (2006.01) F01D 11/00 (2006.01)            |
| [25] FR  |
| [54] METHOD FOR CREATING AND REPAIRING A TURBOMACHINE COMPONENT AND ASSOCIATED TURBOMACHINE COMPONENT      |
| [54] PROCEDE DE REALISATION ET DE REPARATION D'UN ORGANE DE TURBOMACHINE ET ORGANE DE TURBOMACHINE ASSOCIE |
| [72] MONGIS, THOMAS GUILLAUME, FR  |
| [72] CHAMPION, GUILLAUME BENOIT NOEL, FR   |
| [72] DROUARD, PASCAL JEAN-SERGE, FR  |
| [71] SAFRAN AIRCRAFT ENGINES, FR   |
| [85] 2016-12-16  |
| [86] 2015-06-15 (PCT/FR2015/051582)  |
| [87] (WO2015/197942)   |
| [30] FR (FR1455759) 2014-06-23   |

## PCT Applications Entering the National Phase

---

**[21] 2,952,751**

[13] A1

- [51] Int.Cl. C03C 17/34 (2006.01)
  - [25] FR
  - [54] ANTI-CONDENSATION GLAZING UNIT
  - [54] VITRAGE ANTICONDENSATION
  - [72] ROY, SEBASTIEN, FR
  - [72] MAILLET, ALEXANDRE, FR
  - [71] SAINT-GOBAIN GLASS FRANCE, FR
  - [85] 2016-12-16
  - [86] 2015-06-23 (PCT/FR2015/051671)
  - [87] (WO2015/197969)
  - [30] FR (1455829) 2014-06-24
- 

**[21] 2,952,752**

[13] A1

- [51] Int.Cl. F01D 11/00 (2006.01) F01D 5/08 (2006.01) F01D 5/30 (2006.01)
  - [25] FR
  - [54] ROTARY ASSEMBLY FOR TURBOMACHINE
  - [54] ENSEMBLE ROTATIF POUR TURBOMACHINE
  - [72] BLANCHARD, STEPHANE PIERRE GUILLAUME, FR
  - [72] ITO-LARDEAU, YOKI OLIVIER, FR
  - [71] SAFRAN AIRCRAFT ENGINES, FR
  - [85] 2016-12-16
  - [86] 2015-06-24 (PCT/FR2015/051699)
  - [87] (WO2015/197980)
  - [30] FR (1455997) 2014-06-26
- 

**[21] 2,952,755**

[13] A1

- [51] Int.Cl. F02C 7/36 (2006.01) F01D 5/02 (2006.01) F01D 5/06 (2006.01)
  - [25] FR
  - [54] TURBOMACHINE SHAFT
  - [54] ARBRE DE TURBOMACHINE
  - [72] ITO-LARDEAU, YOKI OLIVIER, FR
  - [72] BAUDUIN, PIERRICK RAPHAEL AMERICO, FR
  - [72] BLANCHARD, STEPHANE PIERRE GUILLAUME, FR
  - [72] PELLATON, BERTRAND GUILLAUME ROBIN, FR
  - [71] SAFRAN AIRCRAFT ENGINES, FR
  - [85] 2016-12-16
  - [86] 2015-08-28 (PCT/FR2015/052284)
  - [87] (WO2016/034796)
  - [30] FR (1458315) 2014-09-05
- 

**[21] 2,952,760**

[13] A1

- [51] Int.Cl. A61K 31/4704 (2006.01) A61K 9/72 (2006.01) A61K 31/439 (2006.01) A61K 31/46 (2006.01) A61P 11/08 (2006.01)
  - [25] EN
  - [54] PHARMACEUTICAL COMPOSITION COMPRISING A BETA-2-AGONIST AND ANTICHOLINERGIC AGENT
  - [54] COMPOSITION PHARMACEUTIQUE COMPRENANT UN BETA-2 AGONISTE ET UN AGENT ANTICHOLINERGIQUE
  - [72] MALHOTRA, GEENA, IN
  - [72] RAUT, PREETI, IN
  - [71] CIPLA LIMITED, IN
  - [85] 2016-12-16
  - [86] 2015-06-18 (PCT/GB2015/000189)
  - [87] (WO2015/193631)
  - [30] IN (1969/MUM/2014) 2014-06-18
- 

**[21] 2,952,761**

[13] A1

- [51] Int.Cl. E21B 17/07 (2006.01)
  - [25] EN
  - [54] DOWNHOLE TOOL
  - [54] OUTIL DE FOND DE TROU
  - [72] CRAVATTE, PHILIPPE LOUIS, BE
  - [72] BOCKLANDT, MICHAEL, BE
  - [71] SICENO S.A.R.L., LU
  - [85] 2016-12-16
  - [86] 2015-07-17 (PCT/EP2015/066474)
  - [87] (WO2016/009068)
  - [30] GB (1412778.1) 2014-07-18
- 

**[21] 2,952,764**

[13] A1

- [51] Int.Cl. A47B 45/00 (2006.01)
  - [25] EN
  - [54] EXPANDABLE STORAGE STRUCTURE
  - [54] STRUCTURE DE STOCKAGE EXTENSIBLE
  - [72] RASSAM, SAAD MUNIR BASHIR, GB
  - [71] RASSAM, SAAD MUNIR BASHIR, GB
  - [85] 2016-12-16
  - [86] 2015-06-01 (PCT/GB2015/051587)
  - [87] (WO2015/193637)
  - [30] GB (1410939.1) 2014-06-19
- 

**[21] 2,952,765**

[13] A1

- [51] Int.Cl. A47K 3/00 (2006.01) A47K 1/14 (2006.01) A47K 3/12 (2006.01) A47K 17/00 (2006.01) A61G 7/10 (2006.01) E03C 1/22 (2006.01) G08B 21/02 (2006.01)
  - [25] EN
  - [54] BATHROOM SAFETY DEVICES
  - [54] DISPOSITIF DE SECURITE DE SALLE DE BAINS
  - [72] KING, RUDOLF, DE
  - [71] KING, RUDOLF, DE
  - [85] 2016-12-16
  - [86] 2015-08-20 (PCT/EP2015/069130)
  - [87] (WO2016/034423)
  - [30] DE (20 2014 007 174.8) 2014-09-02
- 

**[21] 2,952,766**

[13] A1

- [51] Int.Cl. C22B 3/40 (2006.01) C22B 11/00 (2006.01)
  - [25] EN
  - [54] INTERSEPARATION OF METALS
  - [54] INTERSEPARATION DE METAUX
  - [72] GORDON, ROSS JOHN, GB
  - [72] GRANT, RICHARD, GB
  - [71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
  - [71] ANGLO AMERICAN PLATINUM LIMITED, ZA
  - [85] 2016-12-16
  - [86] 2015-06-16 (PCT/GB2015/051762)
  - [87] (WO2015/193656)
  - [30] GB (1410883.1) 2014-06-18
- 

**[21] 2,952,792**

[13] A1

- [51] Int.Cl. C09D 181/04 (2006.01) C09D 127/08 (2006.01) C09D 175/04 (2006.01)
- [25] EN
- [54] ELASTIC GAS BARRIER COATING COMPOSITIONS
- [54] COMPOSITIONS DE REVETEMENT ELASTIQUE FORMANT BARRIÈRE A GAZ
- [72] BOWMAN, MARK P., US
- [72] KEITZER, MARK, US
- [72] RAKIEWICZ, EDWARD F., US
- [72] MARTIN, ROXALANA, US
- [72] FALER, DENNIS LEROY, US
- [71] PPG INDUSTRIES OHIO, INC., US
- [85] 2016-12-16
- [86] 2015-04-17 (PCT/US2015/026384)
- [87] (WO2015/195197)
- [30] US (62/013,675) 2014-06-18
- [30] US (14/689,071) 2015-04-17

## Demandes PCT entrant en phase nationale

---

|  |
|--|
| <p>[21] <b>2,952,803</b><br/> [13] A1</p> <p>[51] Int.Cl. E21B 33/035 (2006.01) E21B 34/04 (2006.01) F16K 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DIRECT HYDRAULIC RAPID RESPONSE MODULE APPARATUS AND METHOD</p> <p>[54] APPAREIL ET PROCEDE DE MODULE A REPONSE RAPIDE HYDRAULIQUE DIRECTE</p> <p>[72] HOLMES, LEWIS, US</p> <p>[72] DUNCAN, IAIN G., US</p> <p>[72] MASTERTON, KEVIN, US</p> <p>[71] FMC TECHNOLOGIES, INC., US</p> <p>[85] 2016-12-16</p> <p>[86] 2015-06-17 (PCT/US2015/036244)</p> <p>[87] (WO2015/195810)</p> <p>[30] US (62/014,445) 2014-06-19</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,952,827</b><br/> [13] A1</p> <p>[51] Int.Cl. F04B 49/02 (2006.01) F04B 49/20 (2006.01) F04D 15/00 (2006.01) F04D 15/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR SHUTTING OFF A PUMP AS WELL AS PUMP STATION ARRANGEMENT</p> <p>[54] PROCEDE POUR ARRETER UNE POMPE AINSI QU'AGENCEMENT DE STATION DE POMPE</p> <p>[72] LARSSON, MARTIN, SE</p> <p>[72] MOKANDER, JURGEN, SE</p> <p>[72] ZETTERQUIST, MARTIN, SE</p> <p>[71] XYLEM IP MANAGEMENT S.A R.L., LU</p> <p>[85] 2016-12-16</p> <p>[86] 2015-06-15 (PCT/IB2015/054500)</p> <p>[87] (WO2015/193784)</p> <p>[30] SE (1450756-0) 2014-06-17</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,952,890</b><br/> [13] A1</p> <p>[51] Int.Cl. B60P 7/04 (2006.01) B60J 7/06 (2006.01)</p> <p>[25] EN</p> <p>[54] TARPAULIN STRUCTURE</p> <p>[54] STRUCTURE A BACHE</p> <p>[72] REMMEL, ROGER, DE</p> <p>[71] EUROPEAN TRAILER SYSTEMS GMBH, DE</p> <p>[85] 2016-12-19</p> <p>[86] 2015-06-23 (PCT/DE2015/000304)</p> <p>[87] (WO2015/197046)</p> <p>[30] DE (20 2014 005 077.5) 2014-06-23</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,952,825</b><br/> [13] A1</p> <p>[51] Int.Cl. C09J 9/00 (2006.01) C09J 7/02 (2006.01) C09J 11/00 (2006.01) C09J 153/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANSPOSABLE PRESSURE SENSITIVE ADHESIVES, ARTICLES, AND RELATED METHODS</p> <p>[54] ADHESIFS SENSIBLES A LA PRESSION TRANSPOSABLES, ARTICLES, ET PROCEDES ASSOCIES</p> <p>[72] BARTHOLOMEW, ERIC L., US</p> <p>[72] HEIMBACH, KYLE R., US</p> <p>[72] KOHLER, CHRISTOPHER E., US</p> <p>[72] ZAJACZKOWSKI, MICHAEL, US</p> <p>[71] AVERY DENNISON CORPORATION, US</p> <p>[85] 2016-12-16</p> <p>[86] 2015-06-18 (PCT/US2015/036322)</p> <p>[87] (WO2015/195854)</p> <p>[30] US (62/014,039) 2014-06-18</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,952,845</b><br/> [13] A1</p> <p>[51] Int.Cl. A61M 5/315 (2006.01) A61M 5/19 (2006.01) A61M 5/20 (2006.01) A61M 5/28 (2006.01)</p> <p>[25] EN</p> <p>[54] PRE-FILLED INJECTION DEVICE</p> <p>[54] DISPOSITIF D'INJECTION PRE-REMPLI</p> <p>[72] OROFINO, ERNESTO, IT</p> <p>[71] OROFINO PHARMACEUTICALS GROUP S.R.L., IT</p> <p>[85] 2016-12-16</p> <p>[86] 2015-06-17 (PCT/IB2015/054569)</p> <p>[87] (WO2016/012878)</p> <p>[30] IT (RM2014A000408) 2014-07-22</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,952,850</b><br/> [13] A1</p> <p>[51] Int.Cl. A61B 17/00 (2006.01) A61B 90/90 (2016.01) A61M 16/08 (2006.01) A61M 39/10 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-LUMEN CO-RADIAL PNEUMATIC CONNECTOR</p> <p>[54] RACCORD PNEUMATIQUE CO-RADIAL ET MULTI-LUMIERE</p> <p>[72] FOSTER, JAMES, US</p> <p>[72] HOPKINS, MARK, US</p> <p>[71] NOVARTIS AG, CH</p> <p>[85] 2016-12-16</p> <p>[86] 2015-08-27 (PCT/US2015/047120)</p> <p>[87] (WO2016/025964)</p> <p>[30] US (14/459,424) 2014-08-14</p> |
|--|

---

## PCT Applications Entering the National Phase

---

**[21] 2,952,894**

[13] A1

[51] Int.Cl. C09D 183/10 (2006.01) C09D 7/14 (2006.01) C09D 175/04 (2006.01)

[25] EN

[54] TWO-COMPONENT PAINT COMPOSITION AND MULTILAYER COATING FORMATION METHOD USING THIS  
[54] COMPOSITION DE PEINTURE A DEUX COMPOSANTS ET PROCEDE DE FORMATION D'UN REVETEMENT MULTICOUCHE L'UTILISANT

[72] TSUNODA, TAKESHI, JP

[71] BASF COATINGS GMBH, DE

[85] 2016-12-19

[86] 2015-06-03 (PCT/EP2015/062418)

[87] (WO2016/005115)

[30] JP (14/140928) 2014-07-08

**[21] 2,952,899**

[13] A1

[51] Int.Cl. F03D 1/06 (2006.01) F15D 1/10 (2006.01)

[25] EN

[54] WIND-TURBINE ROTOR BLADE, TRAILING EDGE FOR WIND-TURBINE ROTOR BLADE TIP, METHOD FOR PRODUCING A WIND-TURBINE ROTOR BLADE, AND WIND TURBINE  
[54] PALE DE ROTOR D'EOLIENNE, BORD DE FUITE DE POINTE DE PALE DE ROTOR D'EOLIENNE, PROCEDE DE FABRICATION D'UNE PALE DE ROTOR D'EOLIENNE ET EOLIENNE

[72] KAMRUZZAMAN, MOHAMMAD, GB

[72] ALTMIKUS, ANDREE, DE

[71] WOBKEN PROPERTIES GMBH, DE

[85] 2016-12-19

[86] 2015-07-17 (PCT/EP2015/066380)

[87] (WO2016/009032)

[30] DE (10 2014 213 930.9) 2014-07-17

**[21] 2,952,901**

[13] A1

[51] Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) A61M 15/06 (2006.01)

[25] EN

[54] AN INHALER

[54] INHALATEUR

[72] MORRIS, STEPHEN WYNFORD, GB

[71] KIND CONSUMER LIMITED, GB

[85] 2016-12-19

[86] 2015-06-25 (PCT/GB2015/051847)

[87] (WO2016/005728)

[30] GB (1412130.5) 2014-07-08

**[21] 2,952,903**

[13] A1

[51] Int.Cl. C08L 1/00 (2006.01) C09C 3/10 (2006.01) C09D 101/00 (2006.01) C09K 8/035 (2006.01)

[25] EN

[54] COMPOSITIONS COMPRISING PARENCHYMAL CELLULOSE PARTICULATE MATERIAL

[54] COMPOSITIONS COMPRENANT DU MATERIAU PARTICULAIRE CELLULOIQUE PARENCHYMAL

[72] WHALE, ERIC, GB

[72] HEPWORTH, DAVID, GB

[71] CELLUCOMP LIMITED, GB

[85] 2016-12-19

[86] 2015-06-26 (PCT/GB2015/051878)

[87] (WO2016/001635)

[30] GB (1411637.0) 2014-06-30

**[21] 2,952,914**

[13] A1

[51] Int.Cl. F02C 7/36 (2006.01) F01D 21/04 (2006.01) F02C 3/113 (2006.01) F02K 3/06 (2006.01)

[25] FR

[54] TURBOMACHINE COMPRISING A MEANS OF UNCOUPLING A FAN

[54] TURBOMACHINE COMPORTANT UN MOYEN DE DECOUPLAGE D'UNE SOUFFLANTE

[72] TAN-KIM, ALEXANDRE, FR

[72] BECOULET, JULIEN FABIEN PATRICK, FR

[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2016-12-19

[86] 2015-06-17 (PCT/FR2015/051614)

[87] (WO2015/197949)

[30] FR (1455939) 2014-06-25

**[21] 2,952,921**

[13] A1

[51] Int.Cl. A61K 8/21 (2006.01) A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/27 (2006.01) A61K 8/365 (2006.01) A61Q 11/00 (2006.01)

[25] EN

[54] ORAL COMPOSITIONS CONTAINING ZINC, STANNOUS AND FLUORIDE ION SOURCES

[54] COMPOSITIONS ORALES CONTENANT DES SOURCES D'IONS DE ZINC, FLUORURES ET STANNEUX

[72] VEMISHETTI, KAVITA, US

[72] FRUGE, LINH, US

[72] PRENCIPE, MICHAEL, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2016-12-19

[86] 2014-06-20 (PCT/US2014/043427)

[87] (WO2015/195140)

**[21] 2,952,928**

[13] A1

[51] Int.Cl. F02C 7/28 (2006.01) F01D 21/00 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)

[25] FR

[54] TURBOMACHINE ELEMENT COMPRISING AN AUXILIARY SEALING MEANS, AND METHOD FOR TESTING THIS ELEMENT

[54] ELEMENT COMPRENANT UN STATOR ET UN ROTOR DE TURBOMACHINE AVEC UN JOINT D'ETANCHEITE ET TEST DE CE JOINT

[72] LEUTARD, FLORENCE IRENE NOELLE, FR

[72] JAMON, THIBAULT, FR

[72] RENON, OLIVIER, FR

[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2016-12-19

[86] 2015-07-21 (PCT/FR2015/052004)

[87] (WO2016/016545)

[30] FR (1457350) 2014-07-29

## Demandes PCT entrant en phase nationale

---

**[21] 2,952,936**  
[13] A1

- [51] Int.Cl. B63B 43/18 (2006.01) B63B 69/00 (2013.01) B63B 35/44 (2006.01) G08G 3/02 (2006.01)
- [25] EN
- [54] COMPARATIVE ICE DRIFT A TOW MODEL ANALYSIS FOR TARGET MARINE STRUCTURE
- [54] ANALYSE DE MODELE DE REMORQUAGE DE DERIVE DE GLACE COMPARATIVE POUR STRUCTURE MARINE CIBLE
- [72] GENTLE, DAVE, GB
- [72] CAMERON, SCOTT, GB
- [72] KENNEDY, TERRY, US
- [71] ION GEOPHYSICAL CORPORATION, US
- [85] 2016-12-19
- [86] 2015-06-17 (PCT/US2015/036230)
- [87] (WO2015/195801)
- [30] US (62/013,380) 2014-06-17

**[21] 2,952,961**  
[13] A1

- [51] Int.Cl. A61K 31/573 (2006.01) A61K 47/55 (2017.01) A61K 31/517 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS FOR TREATING CANCER
- [54] COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER
- [72] YARDEN, YOSEF, IL
- [72] LAURIOLA, MATTIA, IL
- [71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
- [85] 2016-12-19
- [86] 2015-06-25 (PCT/IL2015/050661)
- [87] (WO2015/198332)
- [30] US (62/016,745) 2014-06-25

**[21] 2,952,963**  
[13] A1

- [51] Int.Cl. B23B 29/04 (2006.01) B23B 27/00 (2006.01) B23B 27/08 (2006.01) B23B 29/12 (2006.01) F16F 7/108 (2006.01)
- [25] EN
- [54] CUTTING TOOL HOLDER WITH VIBRATION DAMPING WEIGHT ASSEMBLY
- [54] PORTE-OUTIL DE COUPE AVEC ENSEMBLE DE POIDS D'AMORTISSEMENT DES VIBRATIONS
- [72] HECHT, GIL, IL
- [71] ISCAR LTD., IL
- [85] 2016-12-19
- [86] 2015-07-21 (PCT/IL2015/050752)
- [87] (WO2016/024266)
- [30] US (62/036,264) 2014-08-12

**[21] 2,953,029**  
[13] A1

- [51] Int.Cl. B32B 3/08 (2006.01) B32B 17/10 (2006.01) B32B 27/04 (2006.01) B32B 37/00 (2006.01) B60J 1/08 (2006.01) C03C 27/12 (2006.01) H05B 3/12 (2006.01) H05B 3/26 (2006.01) H05B 3/86 (2006.01)
- [25] EN
- [54] HEATABLE LAMINATED SIDE PANE
- [54] VITRE LATERALE FEUILLETÉE CHAUFFANTE
- [72] KLEIN, MARCEL, DE
- [72] REUL, BERNHARD, DE
- [72] STELLING, BERND, DE
- [71] SAINT-GOBAIN GLASS FRANCE, FR
- [85] 2016-12-20
- [86] 2015-06-11 (PCT/EP2015/063043)
- [87] (WO2016/000927)
- [30] EP (14175181.8) 2014-07-01

**[21] 2,953,023**  
[13] A1

- [51] Int.Cl. B65G 1/04 (2006.01)
- [25] EN
- [54] ROBOTIC OBJECT HANDLING SYSTEM, DEVICE AND METHOD
- [54] SYSTEME, DISPOSITIF ET PROCEDE DE MANUTENTION D'OBJETS ROBOTIQUE
- [72] LINDBO, SVERKER, GB
- [71] OCADO INNOVATION LIMITED, GB
- [85] 2016-12-20
- [86] 2015-06-24 (PCT/EP2015/064283)
- [87] (WO2015/197709)
- [30] GB (1411254.4) 2014-06-25
- [30] GB (1506364.7) 2015-04-15

**[21] 2,953,033**  
[13] A1

- [51] Int.Cl. E21B 43/10 (2006.01) F16L 13/14 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR CREATING A SEALING TUBULAR CONNECTION IN A WELLBORE
- [54] SYSTEME ET PROCEDE PERMETTANT DE CREER UN RACCORDEMENT TUBULAIRE D'ETANCHEITE DANS UN PUITS DE FORAGE
- [72] ZIJSLING, DJURRE HANS, NL
- [72] WUBBEN, ANTONIUS LEONARDUS MARIA, NL
- [72] ASSAAD, WISSAM, NL
- [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [85] 2016-12-20
- [86] 2015-06-24 (PCT/EP2015/064271)
- [87] (WO2015/197702)
- [30] EP (14173874.0) 2014-06-25

## PCT Applications Entering the National Phase

---

[21] **2,953,034**  
[13] A1

[51] Int.Cl. F16B 25/00 (2006.01) F16B  
33/06 (2006.01)  
[25] EN  
[54] DRILLING SCREW  
[54] TARIERE  
[72] ZACH, MARCO, CH  
[72] DUTLER, RENE, CH  
[72] STEYER, RALF, CH  
[71] SFS INTEC HOLDING AG, CH  
[85] 2016-12-20  
[86] 2015-08-10 (PCT/EP2015/068343)  
[87] (WO2016/023855)  
[30] DE (10 2014 012 142.9) 2014-08-14

---

[21] **2,953,046**  
[13] A1

[51] Int.Cl. F02C 7/057 (2006.01) F02C  
7/04 (2006.01)  
[25] FR  
[54] AIR GUIDANCE DEVICE FOR A  
TURBOMACHINE  
[54] DISPOSITIF DE GUIDAGE D'AIR  
POUR TURBOMACHINE  
[72] COUILLEAUX, ALEXANDRE, FR  
[72] FERRIER, ROMAIN, FR  
[72] SIRVIN, NICOLAS, FR  
[71] SAFRAN AIRCRAFT ENGINES, FR  
[85] 2016-12-20  
[86] 2015-07-02 (PCT/FR2015/051844)  
[87] (WO2016/001602)  
[30] FR (FR1456407) 2014-07-03

---

[21] **2,953,056**  
[13] A1

[51] Int.Cl. B60P 3/08 (2006.01) B61D 3/18  
(2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR  
INCREASING VERTICAL  
CLEARANCE IN AUTORACKS  
[54] SYSTEME ET PROCEDE  
D'AUGMENTATION DU  
DEGAGEMENT DANS DES  
ETAGERES VERTICALES POUR  
AUTOMOBILES  
[72] CENCER, ROBERT J., US  
[72] BROWN, ANDREW, US  
[72] COSTON, KYLE R., US  
[72] MITZENBERG, JAMES R., US  
[71] TRINITY NORTH AMERICAN  
FREIGHT CAR, INC., US  
[85] 2016-12-16  
[86] 2015-06-26 (PCT/US2015/037908)  
[87] (WO2015/200763)  
[30] US (62/018,298) 2014-06-27  
[30] US (14/750,818) 2015-06-25

---

[21] **2,953,062**  
[13] A1

[51] Int.Cl. A45D 34/04 (2006.01) A45D  
34/00 (2006.01) A45D 44/00 (2006.01)  
A61B 5/00 (2006.01) A61M 35/00  
(2006.01) G06T 7/00 (2017.01)  
[25] EN  
[54] APPLICATOR HEADS FOR  
HANDHELD TREATMENT  
APPARATUS FOR MODIFYING  
KERATINOUS SURFACES  
[54] TETES D'APPLICATEUR POUR  
UN APPAREIL DE TRAITEMENT  
PORTATIF POUR MODIFIER DES  
SURFACES KERATINIQUES  
[72] RABE, THOMAS ELLIOT, US  
[72] SHERMAN, FAIZ FEISAL, US  
[72] BUSH, STEPHAN GARY, US  
[72] MESCHKAT, STEPHAN JAMES  
ANDREAS, DE  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2016-12-20  
[86] 2015-07-24 (PCT/US2015/041882)  
[87] (WO2016/014886)  
[30] US (62/028,951) 2014-07-25

---

[21] **2,953,063**  
[13] A1

[51] Int.Cl. G02B 26/10 (2006.01) A61B  
1/247 (2006.01) A61B 5/107 (2006.01)  
A61C 13/34 (2006.01) A61C 19/04  
(2006.01) G02B 27/10 (2006.01) H05K  
1/18 (2006.01)  
[25] EN  
[54] MOUNTING SYSTEM FOR  
OPTICS  
[54] SYSTEME DE MONTAGE  
D'OPTIQUES  
[72] BOLTANSKI, RAMI, IL  
[71] ALIGN TECHNOLOGY, INC., US  
[85] 2016-12-20  
[86] 2015-06-24 (PCT/IB2015/054732)  
[87] (WO2015/198238)  
[30] US (14/316,698) 2014-06-26

---

[21] **2,953,074**  
[13] A1

[51] Int.Cl. A61M 15/00 (2006.01) A24F  
47/00 (2006.01)  
[25] EN  
[54] DRUG DOSE CARTRIDGE FOR AN  
INHALER DEVICE  
[54] CARTOUCHE DE DOSE DE  
MEDICAMENT POUR UN  
DISPOSITIF D'INHALATEUR  
[72] DAVIDSON, PERRY, IL  
[72] SCHORR, AARON, IL  
[72] SCHWARTZ, BINYAMIN, IL  
[72] LIFSHITZ, ROEE, IL  
[71] SYQE MEDICAL LTD., IL  
[85] 2016-12-20  
[86] 2015-06-30 (PCT/IL2015/050677)  
[87] (WO2016/001925)  
[30] US (62/019,225) 2014-06-30  
[30] US (62/035,588) 2014-08-11  
[30] US (62/085,772) 2014-12-01  
[30] US (62/086,208) 2014-12-02  
[30] US (62/164,710) 2015-05-21

---

[21] **2,953,082**  
[13] A1

[51] Int.Cl. A61M 15/00 (2006.01) A61M  
16/20 (2006.01) A24F 47/00 (2006.01)  
[25] EN  
[54] FLOW REGULATING INHALER  
DEVICE  
[54] DISPOSITIF INHALATEUR A  
REGULATION D'ÉCOULEMENT  
[72] DAVIDSON, PERRY, IL  
[72] SCHORR, AARON, IL  
[72] SCHWARTZ, BINYAMIN, IL  
[71] SYQE MEDICAL LTD., IL  
[85] 2016-12-20  
[86] 2015-06-30 (PCT/IL2015/050678)  
[87] (WO2016/001926)  
[30] US (62/019,225) 2014-06-30  
[30] US (62/035,588) 2014-08-11  
[30] US (62/085,772) 2014-12-01  
[30] US (62/086,208) 2014-12-02  
[30] US (62/164,710) 2015-05-21

## Demandes PCT entrant en phase nationale

---

|   |
|---|
| <p>[21] <b>2,953,103</b><br/>[13] A1</p> <p>[51] Int.Cl. B23K 9/32 (2006.01) B23K 9/133 (2006.01) B23K 9/167 (2006.01)<br/>B23K 9/173 (2006.01)</p> <p>[25] EN</p> <p>[54] WELDING SYSTEM FOR GMAW AND GTAW WELDING WITH AN ADAPTER; CORRESPONDING ADAPTER; METHOD PERFORMING A WELDING OPERATION USING SUCH ADAPTER</p> <p>[54] SYSTEME DE SOUDAGE POUR PROCEDE DE SOUDAGE GMAW ET GTAW AVEC UN ADAPTATEUR ; ADAPTATEUR CORRESPONDANT ; PROCEDE DE REALISATION D'UNE OPERATION DE SOUDAGE EN UTILISANT UN TEL ADAPTATEUR</p> <p>[72] BELLILE, BRIAN RANDALL, US<br/>[72] STEIN, ALAN EDWARD, US<br/>[71] ILLINOIS TOOL WORKS INC., US<br/>[85] 2016-12-20<br/>[86] 2015-05-01 (PCT/US2015/028941)<br/>[87] (WO2016/010608)<br/>[30] US (14/334,397) 2014-07-17</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,953,111</b><br/>[13] A1</p> <p>[51] Int.Cl. A61M 5/168 (2006.01) A61M 5/14 (2006.01) A61M 5/40 (2006.01) A61M 39/22 (2006.01)</p> <p>[25] EN</p> <p>[54] DRIP CHAMBER WITH MULTIPLE PORTS FOR FLUID INPUT</p> <p>[54] CHAMBRE COMPTE-GOUTTES AYANT DE MULTIPLES ORIFICES D'ENTREE DE FLUIDE</p> <p>[72] MANSOUR, GEORGE, US<br/>[71] CAREFUSION 303, INC., US<br/>[85] 2016-12-20<br/>[86] 2015-06-17 (PCT/US2015/036288)<br/>[87] (WO2016/003653)<br/>[30] US (14/319,576) 2014-06-30</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,953,114</b><br/>[13] A1</p> <p>[51] Int.Cl. A47F 7/00 (2006.01) A47F 1/12 (2006.01)</p> <p>[25] EN</p> <p>[54] DISPLAY FOR MERCHANDISING HAIR COLOR PRODUCTS</p> <p>[54] DISPOSITIF DE PRESENTATION A DES FINS DE COMMERCIALISATION DE PRODUIT DE COLORATION CAPILLAIRE</p> <p>[72] FILIPPINI, CALLI ELIZABETH, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 2016-12-20<br/>[86] 2015-06-18 (PCT/US2015/036429)<br/>[87] (WO2015/195915)<br/>[30] US (62/014,999) 2014-06-20</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,115</b><br/>[13] A1</p> <p>[51] Int.Cl. A61M 5/14 (2006.01) A61M 5/168 (2006.01) A61M 5/40 (2006.01) A61M 39/24 (2006.01)</p> <p>[25] EN</p> <p>[54] PASSIVE RESTART Y-SITE</p> <p>[54] SITE Y DE REDEMARRAGE PASSIF</p> <p>[72] MANSOUR, GEORGE, US<br/>[71] CAREFUSION 303, INC., US<br/>[85] 2016-12-20<br/>[86] 2015-06-17 (PCT/US2015/036289)<br/>[87] (WO2016/003654)<br/>[30] US (14/319,948) 2014-06-30</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,116</b><br/>[13] A1</p> <p>[51] Int.Cl. C08L 23/06 (2006.01) C08L 23/08 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYOLEFIN COMPOSITIONS AND USES THEREOF</p> <p>[54] COMPOSITIONS DE POLYOLEFINES ET LEURS UTILISATIONS</p> <p>[72] KABABIK, DAVID W., US<br/>[72] PLETCHER, KATHLEEN E., US<br/>[72] WANG, JIAN, US<br/>[72] BRODIL, JASON C., US<br/>[72] TAMBLING, TROY M., US<br/>[72] REIB, ROBERT N., US<br/>[72] KAPUR, MRIDULA, US<br/>[71] DOW GLOBAL TECHNOLOGIES LLC, US<br/>[85] 2016-12-20<br/>[86] 2015-06-23 (PCT/US2015/037134)<br/>[87] (WO2015/200294)<br/>[30] US (14/316,877) 2014-06-27</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,953,121</b><br/>[13] A1</p> <p>[51] Int.Cl. C09J 7/02 (2006.01) C09J 125/10 (2006.01) C09J 153/00 (2006.01) C09J 193/04 (2006.01) E04B 1/76 (2006.01)</p> <p>[25] EN</p> <p>[54] TAPE WITH ACRYLIC-FREE ADHESIVE</p> <p>[54] BANDE ADHESIVE EXEMPTE D'ACRYLIQUE</p> <p>[72] MILLIMAN, HENRY W., US<br/>[72] EPPLER, THOMAS C., US<br/>[71] AVERY DENNISON CORPORATION, US<br/>[85] 2016-12-20<br/>[86] 2015-06-25 (PCT/US2015/037701)<br/>[87] (WO2015/200641)<br/>[30] US (62/016,794) 2014-06-25</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,953,134</b><br/>[13] A1</p> <p>[51] Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01) E21B 43/30 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTROLLED DELIVERY OF HEAT APPLIED TO A SUBSURFACE FORMATION</p> <p>[54] DISTRIBUTION CONTROLEE DE CHALEUR APPLIQUEE A UNE FORMATION SOUTERRAINE</p> <p>[72] CLAYTON, ERIK H., US<br/>[72] LIN, MICHAEL W., US<br/>[71] EXXONMOBILE UPSTREAM RESEARCH COMPANY, US<br/>[85] 2016-12-20<br/>[86] 2015-04-29 (PCT/US2015/028272)<br/>[87] (WO2016/018480)<br/>[30] US (62/031,093) 2014-07-30</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,135</b><br/>[13] A1</p> <p>[51] Int.Cl. A61B 17/80 (2006.01)</p> <p>[25] EN</p> <p>[54] PHALANGEAL HEAD PLATE</p> <p>[54] PLAQUE DE TETE PHALANGIENNE</p> <p>[72] HASHMI, ADAM, US<br/>[72] ROCCI, MIRKO, CH<br/>[72] KELLY, LYNN, US<br/>[72] FISCHER, FABIENNE, CH<br/>[71] DEPUY SYNTHES PRODUCTS, INC., US<br/>[85] 2016-12-20<br/>[86] 2015-06-19 (PCT/US2015/036604)<br/>[87] (WO2016/003670)<br/>[30] US (14/320,436) 2014-06-30</p> |
|--|

---

## PCT Applications Entering the National Phase

---

[21] 2,953,137  
[13] A1

- [51] Int.Cl. C09J 153/00 (2006.01) C09J 7/02 (2006.01) C09J 11/00 (2006.01) C09J 123/02 (2006.01)
  - [25] EN
  - [54] COHESIVELY FAILING, NON-STAINING HOT MELT ADHESIVES
  - [54] ADHESIFS THERMOFUSIBLES A RUPTURE COHESIVE NE TACHANT PAS
  - [72] KANDERSKI, MONINA D., US
  - [72] VITRANO, MICHAEL D., US
  - [71] BOSTIK, INC., US
  - [85] 2016-12-20
  - [86] 2015-07-01 (PCT/US2015/038883)
  - [87] (WO2016/004239)
  - [30] US (62/020,760) 2014-07-03
- 

[21] 2,953,151  
[13] A1

- [51] Int.Cl. A61B 17/80 (2006.01)
  - [25] EN
  - [54] METACARPAL NECK PLATE
  - [54] PLAQUE DE COL DU METACARPIEN
  - [72] ROCCI, MIRKO, CH
  - [72] FISCHER, FABIENNE, CH
  - [72] CICOIRA, FRANCO, CH
  - [72] LANGER, MARTIN, DE
  - [71] DEPUY SYNTHES PRODUCTS, INC., US
  - [85] 2016-12-20
  - [86] 2015-06-23 (PCT/US2015/037052)
  - [87] (WO2016/003694)
  - [30] US (14/320,470) 2014-06-30
- 

[21] 2,953,173  
[13] A1

- [51] Int.Cl. C07K 14/805 (2006.01) A61K 31/4188 (2006.01) A61K 31/505 (2006.01) A61K 33/24 (2006.01) A61K 38/42 (2006.01) A61K 51/08 (2006.01) A61P 7/08 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)
  - [25] EN
  - [54] PHARMACEUTICAL COMPOSITION COMPRISING RECOMBINANT HEMOGLOBIN PROTEIN OR SUBUNIT-BASED THERAPEUTIC AGENT FOR CANCER TARGETING TREATMENT
  - [54] COMPOSITION PHARMACEUTIQUE COMPRENANT UN AGENT THERAPEUTIQUE A BASE D'UNE PROTEINE OU D'UNE SOUS-UNITE D'HEMOGLOBINE RECOMBINEE POUR TRAITEMENT CIBLE DU CANCER
  - [72] WONG, BING LOU, US
  - [72] WAI, NORMAN FUNG MAN, CA
  - [72] KWOK, SUI YI, CN
  - [71] CHEER GLOBAL LTD., CN
  - [85] 2016-12-21
  - [86] 2015-07-01 (PCT/CN2015/083041)
  - [87] (WO2016/000616)
  - [30] US (62/019,925) 2014-07-02
  - [30] US (14/752,999) 2015-06-28
- 

[21] 2,953,178  
[13] A1

- [51] Int.Cl. C08J 3/24 (2006.01) A61F 2/30 (2006.01) A61L 27/16 (2006.01) B29C 71/02 (2006.01) C08L 23/06 (2006.01)
- [25] EN
- [54] METHODS FOR MAKING CROSSLINKED ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE
- [54] PROCEDES DE FABRICATION DE POLYETHYLENE DE MASSE MOLECULAIRE ULTRA-ELEVEE
- [72] RODGERS, WILLIAM, III, US
- [72] FREEDMAN, JORDAN H., US
- [71] BIOMET MANUFACTURING, LLC, US
- [85] 2016-12-20
- [86] 2015-06-24 (PCT/US2015/037325)
- [87] (WO2015/00427)
- [30] US (14/313,679) 2014-06-24

[21] 2,953,180  
[13] A1

- [51] Int.Cl. C09D 163/00 (2006.01)
  - [25] EN
  - [54] COATINGS WITH FLEXIBLE HYPERBRANCHED POLYOLS
  - [54] REVETEMENTS PRESENTANT DES POLYOLS HYPERRAMIFIES SOUPLES
  - [72] COLYER, EMERSON KEITH, US
  - [71] BASF COATINGS GMBH, DE
  - [85] 2016-12-20
  - [86] 2015-06-11 (PCT/EP2015/063072)
  - [87] (WO2016/008655)
  - [30] US (14/335,373) 2014-07-18
- 

[21] 2,953,190  
[13] A1

- [51] Int.Cl. A61K 36/84 (2006.01) A61K 36/53 (2006.01) A61P 25/20 (2006.01)
- [25] EN
- [54] COMBINATION OF VALERIAN ROOT EXTRACT AND LAVENDER OIL FOR USE IN THE TREATMENT OF SLEEP DISORDERS
- [54] COMBINAISON D'EXTRAIT DE RACINE DE VALERIANE ET D'HUILE ESSENTIELLE DE LAVANDE POUR LE TRAITEMENT DES TROUBLES DU SOMMEIL
- [72] DIMPFEL, WILFRIED, DE
- [72] NOLDNER, MICHAEL, DE
- [71] DR. WILLMAR SCHWABE GMBH & CO. KG, DE
- [85] 2016-12-21
- [86] 2015-06-10 (PCT/EP2015/062891)
- [87] (WO2016/008650)
- [30] EP (14176927.3) 2014-07-14

## Demandes PCT entrant en phase nationale

---

[21] **2,953,199**  
[13] A1

- [51] Int.Cl. C23C 22/60 (2006.01) C23C 2/26 (2006.01)
- [25] EN
- [54] DRY LUBRICANT FOR ZINC COATED STEEL
- [54] LUBRIFIANT SEC POUR ACIER RECOUVERT DE ZINC
- [72] GIORDANI, PAOLO, IT
- [72] RIGAMONTI, MAURO, IT
- [72] SEIDEL, REINHARD, DE
- [72] GALLI, ROBERTO, IT
- [72] MADONINI, LUIGI DANTE, IT
- [72] CLODT, HANS, DE
- [71] HENKEL AG & CO. KGAA, DE
- [85] 2016-12-21
- [86] 2015-06-16 (PCT/EP2015/063457)
- [87] (WO2015/197430)
- [30] DE (10 2014 212 464.6) 2014-06-27

[21] **2,953,211**  
[13] A1

- [51] Int.Cl. A61F 2/95 (2013.01)
- [25] EN
- [54] DEVICE FOR TRANSCATHETER INSERTION INTO THE AORTIC ROOT AT THE SINOTUBULAR JUNCTION
- [54] DISPOSITIF D'INTRODUCTION TRANSCATHETER DANS LA RACINE AORTIQUE AU NIVEAU DE LA JONCTION SINO TUBULAIRE
- [72] VOLA, MARCO, FR
- [72] PASQUINO, ENRICO, IT
- [72] PAIN, BERNARD, FR
- [71] AORTICLAB SARL, CH
- [71] CENTRE HOSPITALIER UNIVERSITAIRE DE SAINT-ETIENNE, FR
- [85] 2016-12-02
- [86] 2015-06-04 (PCT/FR2015/051488)
- [87] (WO2015/185870)
- [30] FR (1455144) 2014-06-05

[21] **2,953,228**  
[13] A1

- [51] Int.Cl. B32B 5/12 (2006.01) B32B 7/10 (2006.01) B32B 27/02 (2006.01) F41H 5/04 (2006.01)
- [25] EN
- [54] FIBROUS TAPE
- [54] RUBAN FIBREUX
- [72] PUTTEN, VAN, KOEN, NL
- [72] CALAZANS-BEHN, MARINA, NL
- [72] MARISSEN, ROELOF, NL
- [72] VERSPAGEN, ANTOON MARIA, NL
- [72] WEBER, CHRISTA, NL
- [72] STEEMAN, REINARD JOZEF MARIA, NL
- [71] DSM IP ASSETS B.V., NL
- [85] 2016-12-02
- [86] 2015-06-15 (PCT/EP2015/063270)
- [87] (WO2015/193215)
- [30] EP (14172525.9) 2014-06-16

[21] **2,953,231**  
[13] A1

- [51] Int.Cl. A45D 34/04 (2006.01) A45D 34/00 (2006.01) A45D 44/00 (2006.01) A61B 5/00 (2006.01) A61M 35/00 (2006.01) G06T 7/00 (2017.01)
- [25] EN
- [54] HANDHELD TREATMENT APPARATUS FOR MODIFYING KERATINOUS SURFACES
- [54] APPAREIL DE TRAITEMENT PORTATIF POUR MODIFIER DES SURFACES KERATINIQUES
- [72] RABE, THOMAS ELLIOT, US
- [72] SHERMAN, FAIZ FEISAL, US
- [72] BUSH, STEPHAN GARY, US
- [72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2016-12-21
- [86] 2015-07-24 (PCT/US2015/041889)
- [87] (WO2016/014889)
- [30] US (62/028,937) 2014-07-25

[21] **2,953,234**  
[13] A1

- [51] Int.Cl. C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/42 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08L 75/06 (2006.01)
- [25] EN
- [54] COMPACT ELASTOMER MOLDED PARTS ON THE BASIS OF POLYURETHANE
- [54] PIECES MOULEES COMPACTES EN ELASTOMERE A BASE DE POLYURETHANE
- [72] ALBUERNE, JULIO, DE
- [72] ILLGUTH, ROLF, DE
- [72] REDL, FRANZ XAVER, DE
- [72] BREMERT, BERND, DE
- [72] VOELKER, HERMANN, DE
- [71] BASF SE, DE
- [85] 2016-12-02
- [86] 2015-05-22 (PCT/EP2015/061374)
- [87] (WO2015/185375)
- [30] EP (14170798.4) 2014-06-02

[21] **2,953,235**  
[13] A1

- [51] Int.Cl. A61B 17/43 (2006.01) A61D 19/02 (2006.01)
- [25] EN
- [54] IMPROVED DEVICE FOR THE ATRAUMATIC TRANSFER OF A MATERIAL OR SUBSTANCE WITH A REPRODUCTIVE, THERAPEUTIC OR DIAGNOSTIC PURPOSE INTO FEMALE MAMMALS
- [54] DISPOSITIF PERFECTIONNE DE TRANSFERT ATRAUMATIQUE DE MATERIEL OU SUBSTANCE A BUT REPRODUCTIF, THERAPEUTIQUE OU DIAGNOSTIQUE DANS DES MAMMIFERES FEMELLES
- [72] DECHERF, AGATHE, FR
- [72] DREVILLON, PIERRICK, FR
- [71] ELEXINN, FR
- [85] 2016-12-02
- [86] 2015-06-03 (PCT/FR2015/051474)
- [87] (WO2015/185863)
- [30] FR (1455079) 2014-06-04

## PCT Applications Entering the National Phase

---

[21] 2,953,238

[13] A1

- [51] Int.Cl. B23K 35/362 (2006.01) B23K 1/00 (2006.01) B23K 35/02 (2006.01) H05K 3/34 (2006.01)
- [25] EN
- [54] SOLDER FLUX
- [54] FLUX DE BRASAGE
- [72] RYDER, KARL, GB
- [72] BALLANTYNE, ANDREW, GB
- [72] HARRIS, ROBERT, GB
- [72] ZALESKI, CHRISTOPHER, GB
- [71] UNIVERSITY OF LEICESTER, GB
- [85] 2016-12-02
- [86] 2015-06-05 (PCT/GB2015/051655)
- [87] (WO2015/185946)
- [30] GB (1410093.7) 2014-06-06

[21] 2,953,240

[13] A1

- [51] Int.Cl. C22C 30/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/48 (2006.01) C22C 38/56 (2006.01) C22C 38/58 (2006.01)
- [25] EN
- [54] LOW DUCTILITY ALLOY
- [54] ALLIAGE DE FAIBLE DUCTILITE
- [72] FLAHAUT, DOMINIQUE, GB
- [71] DONCASTERS PARALLOY, GB
- [85] 2016-12-02
- [86] 2015-06-12 (PCT/GB2015/051740)
- [87] (WO2016/005724)
- [30] GB (1412315.2) 2014-07-10
- [30] GB (1415625.1) 2014-09-04

[21] 2,953,246

[13] A1

- [51] Int.Cl. B25J 9/16 (2006.01) B25J 11/00 (2006.01) B62D 57/032 (2006.01)
- [25] EN
- [54] STANDBY MODE OF A HUMANOID ROBOT
- [54] MODE VEILLE D'UN ROBOT HUMANOIDE
- [72] DALIBARD, SEBASTIEN, FR
- [72] MAZEL, ALEXANDRE, FR
- [72] COLLETTE, CYRILLE, FR
- [72] MAISONNIER, BRUNO, FR
- [72] MONCEAUX, JEROME, FR
- [71] SOFTBANK ROBOTICS EUROPE, FR
- [85] 2016-12-05
- [86] 2015-06-05 (PCT/EP2015/062537)
- [87] (WO2015/185709)
- [30] EP (14305847.7) 2014-06-05

[21] 2,953,247

[13] A1

- [51] Int.Cl. H01L 31/0236 (2006.01) H01L 33/22 (2010.01) H01L 31/18 (2006.01)
- [25] FR
- [54] METHOD FOR THE RANDOM TEXTURING OF A SEMICONDUCTOR SUBSTRATE
- [54] PROCEDE DE TEXTURATION ALEATOIRE D'UN SUBSTRAT SEMI-CONDUCTEUR
- [72] ESCOUBAS, LUDOVIC, FR
- [72] BERGINC, GERARD JEAN LOUIS, FR
- [72] SIMON, JEAN-JACQUES, FR
- [72] BRISSONNEAU, VINCENT, FR
- [71] UNIVERSITE D'AIX MARSEILLE, FR
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
- [71] THALES, FR
- [85] 2016-12-02
- [86] 2015-06-02 (PCT/IB2015/054176)
- [87] (WO2015/186064)
- [30] FR (1455068) 2014-06-04

[21] 2,953,252

[13] A1

- [51] Int.Cl. C03B 5/20 (2006.01) C03B 5/027 (2006.01) C03B 7/01 (2006.01) C03C 3/062 (2006.01) C03C 3/078 (2006.01)
- [25] FR
- [54] GLASS MELTING DEVICE COMPRISING A FURNACE, A DUCT AND A BARRIER
- [54] DISPOSITIF DE FUSION DU VERRE COMPRENANT UN FOUR, UN CANAL ET UN BARRAGE
- [72] CLATOT, RICHARD, FR
- [72] MAUGENDRE, STEPHANE, FR
- [72] SZALATA, FRANCOIS, FR
- [71] SAINT-GOBAIN ISOVER, FR
- [85] 2016-12-21
- [86] 2015-07-01 (PCT/FR2015/051809)
- [87] (WO2016/005681)
- [30] FR (1456580) 2014-07-08

[21] 2,953,255

[13] A1

- [51] Int.Cl. A61C 5/40 (2017.01) A61C 5/42 (2017.01)
- [25] FR
- [54] ENDODONTIC INSTRUMENT FOR DRILLING ROOT CANALS
- [54] INSTRUMENT ENDODONTIQUE POUR L'ALESAGE DE CANAUX RADICULAIRES
- [72] BREGUET, OLIVIER, CH
- [72] ROUILLER, JEAN-CLAUDE, CH
- [71] FKG DENTAIRE SA, CH
- [85] 2016-12-21
- [86] 2015-07-06 (PCT/CH2015/000098)
- [87] (WO2016/004541)
- [30] CH (1020/14) 2014-07-07

[21] 2,953,260

[13] A1

- [51] Int.Cl. A61K 8/73 (2006.01) A61K 8/65 (2006.01) A61Q 19/08 (2006.01)
- [25] FR
- [54] COMBINATION PRODUCTS AND COSMETIC COMPOSITIONS FOR CONTROLLING SKIN DISORDERS AND SKIN AGING THAT AFFECT KERATINOCYTES AND/OR FIBROBLASTS AND THE DERMIS
- [54] PRODUITS DE COMBINAISON ET COMPOSITIONS COSMETIQUES POUR LUTTER CONTRE LES DESORDRES DE LA PEAU ET SON VIEILLISSEMENT AFFECTANT LES KERATINOCYTES ET/OU LES FIBROBLASTES ET LE DERME
- [72] MAHE, YANN, FR
- [72] BRU, CAROLE, FR
- [71] NUTRICOS TECHNOLOGIES, FR
- [85] 2016-12-21
- [86] 2015-06-30 (PCT/EP2015/064863)
- [87] (WO2016/001233)
- [30] FR (1456161) 2014-06-30
- [30] FR (1456146) 2014-06-30

## Demandes PCT entrant en phase nationale

---

|   |
|---|
| <p>[21] <b>2,953,263</b><br/>[13] A1</p> <p>[51] Int.Cl. A61B 3/00 (2006.01) A61B 3/103 (2006.01) A61B 3/11 (2006.01)</p> <p>[25] EN</p> <p>[54] OPTICAL MEASUREMENT SYSTEM AND METHOD WITH TARGET BRIGHTNESS LEVEL ADJUSTMENT</p> <p>[54] SYSTEME ET PROCEDE DE MESURE OPTIQUE INCLUANT UN AJUSTEMENT DU NIVEAU DE LUMINOSITE D'UNE CIBLE</p> <p>[72] COPLAND, RICHARD J., US</p> <p>[72] TANZER, DAVID J., US</p> <p>[72] RAYMOND, THOMAS D., US</p> <p>[71] AMO WAVEFRONT SCIENCES, LLC, US</p> <p>[85] 2016-12-21</p> <p>[86] 2015-07-02 (PCT/US2015/039132)</p> <p>[87] (WO2016/004402)</p> <p>[30] US (62/020,515) 2014-07-03</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,953,273</b><br/>[13] A1</p> <p>[51] Int.Cl. C11D 3/37 (2006.01) C11D 1/02 (2006.01) C11D 1/66 (2006.01) C11D 3/20 (2006.01) C11D 3/30 (2006.01) C11D 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITION</p> <p>[54] COMPOSITION</p> <p>[72] CARSWELL, ROBERT JOHN, GB</p> <p>[72] COHRS, CARSTEN, DE</p> <p>[72] CRAVEN, RICHARD MICHAEL, GB</p> <p>[72] JONES, DAVID PHILIP, GB</p> <p>[72] KLUG, PETER, DE</p> <p>[72] LYON, HELEN ELSPETH, GB</p> <p>[72] NAUMANN, PETER, DE</p> <p>[72] PARRY, ALYN JAMES, GB</p> <p>[72] PEERLINGS, HENRICUS, DE</p> <p>[72] SANDERSON, ALASTAIR RICHARD, GB</p> <p>[72] WYNNE, ANDREW, GB</p> <p>[71] UNILEVER PLC, GB</p> <p>[85] 2016-12-21</p> <p>[86] 2015-07-02 (PCT/EP2015/065136)</p> <p>[87] (WO2016/005271)</p> <p>[30] EP (EP14176406.8) 2014-07-09</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,278</b><br/>[13] A1</p> <p>[51] Int.Cl. B01F 7/22 (2006.01) B01J 8/18 (2006.01) B01J 8/22 (2006.01)</p> <p>[25] EN</p> <p>[54] A REACTOR FOR MIXING LIQUID, GAS AND SOLID MATERIAL</p> <p>[54] REACTEUR POUR LE MELANGE DE LIQUIDE, DE GAZ ET DE MATIERE SOLIDE</p> <p>[72] XIA, JILIANG, FI</p> <p>[72] LATVA-KOKKO, MARKO, FI</p> <p>[72] RITASALO, TEEMU, FI</p> <p>[71] OUTOTEC (FINLAND) OY, FI</p> <p>[85] 2016-12-21</p> <p>[86] 2015-06-29 (PCT/FI2015/050475)</p> <p>[87] (WO2016/001486)</p> <p>[30] FI (20145632) 2014-06-30</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,291</b><br/>[13] A1</p> <p>[51] Int.Cl. B64D 11/00 (2006.01) B64C 1/14 (2006.01) B64D 47/00 (2006.01) G09F 9/30 (2006.01) G09F 19/22 (2006.01)</p> <p>[25] EN</p> <p>[54] INTERACTIVE SIDEWALL DISPLAY SYSTEM AND METHOD</p> <p>[54] SYSTEME D'AFFICHAGE INTERACTIF AU NIVEAU DE PAROIS LATERALES ET PROCEDE ASSOCIE</p> <p>[72] GRANT, ROBERT, CA</p> <p>[71] BOMBARDIER INC., CA</p> <p>[85] 2016-12-21</p> <p>[86] 2015-05-28 (PCT/IB2015/054039)</p> <p>[87] (WO2015/198172)</p> <p>[30] US (62/015,668) 2014-06-23</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,953,279</b><br/>[13] A1</p> <p>[51] Int.Cl. C04B 7/17 (2006.01)</p> <p>[25] EN</p> <p>[54] CEMENT COMPOUND AND A METHOD FOR THE PRODUCTION THEREOF</p> <p>[54] COMPOSE DE CIMENT ET SON PROCEDE POUR LA PRODUCTION</p> <p>[72] BUCHWALD, ANJA, NL</p> <p>[72] WIERCX, JOHANNES ALBERTUS LOUIS MARIE, NL</p> <p>[72] VAN MELICK, BART JOHANNES WILHELMUS MARIA, NL</p> <p>[71] ASCEM B.V., NL</p> <p>[85] 2016-12-02</p> <p>[86] 2015-06-05 (PCT/NL2015/050410)</p> <p>[87] (WO2015/187022)</p> <p>[30] NL (2012959) 2014-06-06</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,953,299</b><br/>[13] A1</p> <p>[51] Int.Cl. B60Q 3/47 (2017.01) B60Q 3/43 (2017.01) H05B 37/02 (2006.01)</p> <p>[25] EN</p> <p>[54] LIGHTING DEVICE</p> <p>[54] APPAREIL D'ECLAIRAGE</p> <p>[72] TAKAGI, NAOYUKI, JP</p> <p>[71] LECIP HOLDINGS CORPORATION, JP</p> <p>[85] 2016-12-21</p> <p>[86] 2014-06-23 (PCT/JP2014/066550)</p> <p>[87] (WO2015/198375)</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,953,339</b><br/>[13] A1</p> <p>[51] Int.Cl. H01M 10/16 (2006.01) H01M 2/04 (2006.01) H01M 2/06 (2006.01) H01M 2/28 (2006.01)</p> <p>[25] EN</p> <p>[54] LEAD ACID BATTERY HAVING A STRAP MOLDING WELL</p> <p>[54] BATTERIE AU PLOMB-ACIDE AYANT UN PUITS DE MOULAGE DE BARRETTE</p> <p>[72] FINK, EDWIN A., US</p> <p>[71] EAST PENN MANUFACTURING CO., US</p> <p>[85] 2016-12-21</p> <p>[86] 2015-06-02 (PCT/US2015/033736)</p> <p>[87] (WO2015/187662)</p> <p>[30] US (62/006,493) 2014-06-02</p> |
|--|

---

## PCT Applications Entering the National Phase

---

**[21] 2,953,364**  
[13] A1

[51] Int.Cl. A01N 53/06 (2006.01) A01N 25/16 (2006.01) A01N 25/30 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)  
[25] EN  
[54] FOAM FORMULATIONS AND EMULSIFIABLE CONCENTRATES  
[54] FORMULATIONS DE MOUSSE ET CONCENTRES EMULSIFIABLES  
[72] BIRD, DAVID, US  
[72] MARTIN, TIMOTHY M., US  
[72] YAN, LAIBIN BRUCE, US  
[71] FMC CORPORATION, US  
[85] 2016-12-21  
[86] 2015-06-24 (PCT/US2015/037327)  
[87] (WO2015/200428)  
[30] US (62/016,242) 2014-06-24

---

**[21] 2,953,389**  
[13] A1

[51] Int.Cl. G01S 1/00 (2006.01) A01D 34/00 (2006.01)  
[25] EN  
[54] PAIRING A BEACON WITH A MOBILE ROBOT  
[54] APPARIEMENT D'UNE BALISE AVEC UN ROBOT MOBILE  
[72] BEAULIEU, ANDREW, US  
[72] YAMAUCHI, BRIAN, US  
[72] STELTZ, ERIK, US  
[71] iROBOT CORPORATION, US  
[85] 2017-01-03  
[86] 2016-07-22 (PCT/US2016/043541)  
[87] (2953389)  
[30] US (14/807,485) 2015-07-23

**[21] 2,953,933**  
[13] A1

[51] Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR RECOVERING HYDROCARBONS FROM A SUBSURFACE FORMATION THAT MINIMIZES SURFACE DISTURBANCE  
[54] SYSTEME ET PROCEDE DE RECUPERATION D'HYDROCARBURES A PARTIR D'UNE FORMATION SOUTERRAINE MINIMISANT LES PERTURBATIONS EN SURFACE  
[72] HOPKO, SANDRA N., US  
[72] HOWELL, SHAQUIIRIA S., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2016-12-29  
[86] 2015-04-29 (PCT/US2015/028270)  
[87] (WO2016/010606)  
[30] US (62/024,360) 2014-07-14

---

**[21] 2,953,952**  
[13] A1

[51] Int.Cl. B65B 35/30 (2006.01) B65B 5/10 (2006.01) B65B 25/14 (2006.01) B65G 47/08 (2006.01) B65G 47/71 (2006.01) B65G 54/02 (2006.01)  
[25] EN  
[54] PACKAGING EQUIPMENT FOR ROLLED PAPER PRODUCTS  
[54] EQUIPEMENT D'EMBALLAGE POUR PRODUITS DE PAPIER ENROULES  
[72] OVERLEY, MATTHEW BERNARD, US  
[72] BROKOPP, WESLEY BERNARD, JR., US  
[72] DESAERT, ANDRE JOSEPHINE KAREL, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-12-29  
[86] 2015-06-30 (PCT/US2015/038400)  
[87] (WO2016/003945)  
[30] US (14/319,242) 2014-06-30

**[21] 2,953,969**  
[13] A1

[51] Int.Cl. G06F 15/18 (2006.01)  
[25] EN  
[54] INTERACTIVE INTERFACES FOR MACHINE LEARNING MODEL EVALUATIONS  
[54] INTERFACES INTERACTIVES POUR DES EVALUATIONS DE MODELE D'APPRENTISSAGE MACHINE  
[72] LEE, POLLY PO YEE, US  
[72] CORREA, NICOLLE M., US  
[72] DIRAC, LEO PARKER, US  
[72] INGERMAN, ALEKSANDR MIKHAYLOVICH, US  
[72] KRISHNAN, SRIRAM, US  
[72] LI, JIN, US  
[72] PUvvADI, SUDHAKAR RAO, US  
[72] ZARANDIOON, SAMAN, US  
[72] DANNAKER, CHARLES ERIC, US  
[72] RAMAKRISHNAN, RAKESH, US  
[72] ZHENG, TIANMING, US  
[72] ZHUO, DONGHUI, US  
[72] AGARWAL, TARUN, US  
[72] STEELE, ROBERT MATTHIAS, US  
[72] QIAN, JUN, US  
[72] BRUECKNER, MICHAEL, US  
[72] HERBRICH, RALF, US  
[72] BLICK, DANIEL, US  
[71] AMAZON TECHNOLOGIES, INC., US  
[85] 2016-12-29  
[86] 2015-06-30 (PCT/US2015/038610)  
[87] (WO2016/004075)  
[30] US (14/319,880) 2014-06-30  
[30] US (14/319,902) 2014-06-30  
[30] US (14/460,314) 2014-08-14  
[30] US (14/460,312) 2014-08-14  
[30] US (14/463,434) 2014-08-19  
[30] US (14/484,201) 2014-09-11  
[30] US (14/489,449) 2014-09-17  
[30] US (14/489,448) 2014-09-17  
[30] US (14/538,723) 2014-11-11  
[30] US (14/569,458) 2014-12-12

## Demandes PCT entrant en phase nationale

---

|   |
|---|
| <p>[21] <b>2,953,993</b><br/>[13] A1</p> <p>[51] Int.Cl. E21B 21/06 (2006.01)</p> <p>[25] EN</p> <p>[54] CLOSED LOOP DRILLING MUD COOLING SYSTEM FOR LAND-BASED DRILLING OPERATIONS</p> <p>[54] SYSTEME DE REFROIDISSEMENT DE BOUE DE FORAGE EN BOUCLE FERMEE POUR DES OPERATIONS DE FORAGE TERRESTRE</p> <p>[72] MCCRAW, GARRY, GB</p> <p>[71] NATIONAL OILWELL VARCO, L.P., US</p> <p>[85] 2016-12-28</p> <p>[86] 2015-07-08 (PCT/US2015/039509)</p> <p>[87] (WO2016/007598)</p> <p>[30] US (14/325,622) 2014-07-08</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,953,999</b><br/>[13] A1</p> <p>[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01) G06T 7/00 (2017.01) G07C 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TECHNIQUES FOR AUTOMATIC REAL-TIME CALCULATION OF USER WAIT TIMES</p> <p>[54] TECHNIQUES DE CALCUL AUTOMATIQUE EN TEMPS REEL DE TEMPS D'ATTENTE D'UTILISATEUR</p> <p>[72] KLIMA, ZACHARY, US</p> <p>[72] STERLING, THOMAS, US</p> <p>[72] MARS, JOHN, JR., US</p> <p>[72] MOSHER, DOYLE, US</p> <p>[72] RITTER, BRIAN, US</p> <p>[72] MONTALBANO, ANTHONY, US</p> <p>[71] WAITTIME, LLC, US</p> <p>[85] 2016-12-29</p> <p>[86] 2015-07-02 (PCT/US2015/038985)</p> <p>[87] (WO2016/004304)</p> <p>[30] US (62/019,940) 2014-07-02</p> <p>[30] US (14/789,320) 2015-07-01</p> |
|--|

|   |
|---|
| <p>[21] <b>2,954,011</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 3/041 (2006.01)</p> <p>[25] EN</p> <p>[54] PATTERN RECOGNITION WITH A NON-DETECTABLE STENCIL ON THE TOUCH-SENSITIVE SURFACE</p> <p>[54] RECONNAISSANCE DE MOTIF AVEC UN POCHOIR NON DETECTABLE SUR LA SURFACE TACTILE</p> <p>[72] FOGLMANN, MAIKEN HILLERUP, DK</p> <p>[72] LAULUND, JENS VALENTIN, DK</p> <p>[72] MATHIASSEN, DANIEL W., DK</p> <p>[71] LEGO A/S, DK</p> <p>[85] 2016-12-30</p> <p>[86] 2015-07-01 (PCT/DK2015/050196)</p> <p>[87] (WO2016/000720)</p> <p>[30] DK (PA 2014 70414) 2014-07-03</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,954,044</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 1/28 (2006.01) G06F 1/32 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-DOMAIN HETEROGENEOUS PROCESS-VOLTAGE-TEMPERATURE TRACKING FOR INTEGRATED CIRCUIT POWER REDUCTION</p> <p>[54] SUIVI DE VALEURS HETEROGENES DE PROCESSUS-TENSION-TEMPERATURE DANS DE MULTIPLES DOMAINES PERMETTANT UNE REDUCTION DE PUISSANCE D'UN CIRCUIT INTEGRE</p> <p>[72] IBRAHIMOVIC, JASMIN SMAILA, US</p> <p>[72] KAKOEE, MOHAMMAD REZA, US</p> <p>[72] HU, SHIH-HSIN JASON, US</p> <p>[71] QUALCOMM INCORPORATED, US</p> <p>[85] 2016-12-30</p> <p>[86] 2015-05-15 (PCT/US2015/030997)</p> <p>[87] (WO2016/003546)</p> <p>[30] US (14/323,652) 2014-07-03</p> |
|--|

|  |
|--|
| <p>[21] <b>2,954,128</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 17/30 (2006.01) H04N 21/433 (2011.01) H04N 21/472 (2011.01) G10L 17/22 (2013.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR IDENTIFYING AND STORING A PORTION OF A MEDIA ASSET</p> <p>[54] SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER ET DE STOCKER UNE PARTIE D'UN CONTENU MULTIMEDIA</p> <p>[72] MALTAR, PAUL, US</p> <p>[72] PATEL, MILAN, US</p> <p>[72] GONG, YONG, US</p> <p>[71] ROVI GUIDES, INC., US</p> <p>[85] 2016-12-30</p> <p>[86] 2016-03-28 (PCT/US2016/024485)</p> <p>[87] (WO2016/160683)</p> <p>[30] US (14/673,493) 2015-03-30</p> |
|--|

---

|   |
|---|
| <p>[21] <b>2,954,206</b><br/>[13] A1</p> <p>[51] Int.Cl. G06F 17/30 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR FILTERING TECHNIQUES USING METADATA AND USAGE DATA ANALYSIS</p> <p>[54] SYSTEMES ET PROCEDES POUR DES TECHNIQUES DE FILTRAGE UTILISANT DES METADONNEES ET UNE ANALYSE DE DONNEES D'UTILISATION</p> <p>[72] CARMICHAEL, CRAIG, US</p> <p>[72] VENKATARAMAN, SASHIKUMAR, US</p> <p>[71] ROVI GUIDES, INC., US</p> <p>[85] 2017-01-03</p> <p>[86] 2015-12-21 (PCT/US2015/066997)</p> <p>[87] (WO2016/106177)</p> <p>[30] US (14/578,911) 2014-12-22</p> |
|---|

## PCT Applications Entering the National Phase

---

**[21] 2,954,210**

[13] A1

- [51] Int.Cl. G01C 11/00 (2006.01) G06T 7/579 (2017.01) G06T 17/00 (2006.01)
  - [25] EN
  - [54] METHOD AND SYSTEM FOR PHOTOGRAMMETRIC PROCESSING OF IMAGES
  - [54] PROCEDE ET SYSTEME DE TRAITEMENT PHOTOGRAMMETRIQUE D'IMAGES
  - [72] SIMA, ALEKSANDRA, BE
  - [71] VITO NV, BE
  - [85] 2017-01-04
  - [86] 2015-07-07 (PCT/EP2015/065524)
  - [87] (WO2016/005412)
  - [30] GB (1412060.4) 2014-07-07
  - [30] US (62/021,278) 2014-07-07
- 

**[21] 2,954,262**

[13] A1

- [51] Int.Cl. G06F 9/445 (2006.01) G06Q 10/06 (2012.01) G06F 9/50 (2006.01)
- [25] EN
- [54] CONTROL IN INITIATING ATOMIC TASKS ON A SERVER PLATFORM
- [54] COMMANDE DANS LE LANCEMENT DE TACHES ATOMIQUES SUR UNE PLATEFORME DE SERVEUR
- [72] NAGESHARAO, PAVITHRA TYAMAGONLU, US
- [72] JOHNSON, JAMES E., US
- [72] IRUN-BRIZ, LUIS, US
- [72] REWASKAR, SUSHANT PRAMOD, US
- [72] MANI, AJAY, US
- [72] SYED, SAAD, US
- [71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
- [85] 2017-01-04
- [86] 2015-07-06 (PCT/US2015/039177)
- [87] (WO2016/007402)
- [30] US (14/324,511) 2014-07-07

**[21] 2,954,300**

[13] A1

- [51] Int.Cl. G06F 17/30 (2006.01)
  - [25] EN
  - [54] SYSTEMS AND METHODS FOR DYNAMICALLY INTERCEPTING AND ADJUSTING PERSISTENCE BEHAVIORS VIA RUNTIME CONFIGURATION
  - [54] SYSTEMES ET PROCEDES POUR INTERCEPTION ET REGLAGE DE MANIERE DYNAMIQUE DES COMPORTEMENTS DE PERSISTANCE PAR L'INTERMEDIAIRE DE CONFIGURATION D'EXECUTION
  - [72] ROSIER, MICHAEL, US
  - [71] BENEFITFOCUS.COM, INC., US
  - [85] 2017-01-04
  - [86] 2015-09-03 (PCT/US2015/048274)
  - [87] (WO2016/043984)
  - [30] US (14/491,549) 2014-09-19
- 

**[21] 2,954,316**

[13] A1

- [51] Int.Cl. G06F 3/14 (2006.01) G06F 9/44 (2006.01) G06F 17/30 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR A METADATA DRIVEN USER INTERFACE FRAMEWORK
- [54] SYSTEMES ET PROCEDES POUR UN CADRE D'INTERFACE UTILISATEUR PILOTEE PAR METADONNEES
- [72] WAGNER, ADAM, US
- [71] BENEFITFOCUS.COM, INC., US
- [85] 2017-01-04
- [86] 2015-09-01 (PCT/US2015/047882)
- [87] (WO2016/040046)
- [30] US (14/482,437) 2014-09-10

**[21] 2,954,501**

[13] A1

- [51] Int.Cl. G08B 13/24 (2006.01) G06K 7/08 (2006.01)
  - [25] EN
  - [54] HANDHELD DEACTIVATOR WITH INTEGRATED THERMAL SENSOR
  - [54] DESACTIVATEUR A MAIN POURVU D'UN CAPTEUR THERMIQUE INTEGRÉ
  - [72] BERGMAN, ADAM SCOTT, US
  - [72] EASTER, RONALD B., US
  - [71] TYCO FIRE & SECURITY GMBH, CH
  - [85] 2017-01-06
  - [86] 2015-05-29 (PCT/US2015/033388)
  - [87] (WO2015/184394)
  - [30] US (14/290,325) 2014-05-29
- 

**[21] 2,954,510**

[13] A1

- [51] Int.Cl. G06F 21/55 (2013.01) G06F 9/455 (2006.01) G06F 12/14 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR EXPOSING A CURRENT PROCESSOR INSTRUCTION UPON EXITING A VIRTUAL MACHINE
- [54] SYSTEMES ET PROCEDES D'EXPOSITION D'UNE INSTRUCTION DE PROCESSEUR DE COURANT LORS DE LA SORTIE D'UNE MACHINE VIRTUELLE
- [72] LUKACS, SANDOR, RO
- [72] LUTAS, ANDREI-VLAD, RO
- [71] BITDEFENDER IPR MANAGEMENT LTD, CY
- [85] 2017-01-06
- [86] 2015-08-11 (PCT/RO2015/050008)
- [87] (WO2016/118032)
- [30] US (62/038,476) 2014-08-18
- [30] US (14/489,801) 2014-09-18

## Demandes PCT entrant en phase nationale

---

[21] **2,954,511**  
[13] A1

[51] Int.Cl. G06F 9/54 (2006.01)  
[25] EN  
**[54] STREAM BASED EVENT PROCESSING UTILIZING VIRTUAL STREAMS AND PROCESSING AGENTS**  
[54] TRAITEMENT D'EVENEMENT BASE SUR UN FLUX UTILISANT DES FLUX VIRTUELS ET DES AGENTS DE TRAITEMENT  
[72] SOMUAH, HENRY HOOPER, US  
[72] BYKOV, SERGEY, US  
[72] MELAMED, TAMIR, US  
[72] RODI, ROBERT LOUIS, US  
[72] CHEUNG, FELIX, US  
[72] MALYUK, MICHAEL WILLIAM, US  
[72] HESKY, ANDREW ALEXANDER, US  
[72] KLIOT, GABRIEL, US  
[72] THELIN, JORGEN, US  
[72] GELLER, ALAN STUART, US  
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2017-01-06  
[86] 2015-07-06 (PCT/US2015/039170)  
[87] (WO2016/007399)  
[30] US (14/326,239) 2014-07-08

---

[21] **2,954,516**  
[13] A1

[51] Int.Cl. G06F 3/041 (2006.01) G06F 15/18 (2006.01)  
[25] EN  
**[54] TOUCH CLASSIFICATION**  
**[54] CLASSIFICATION DE TOUCHER**  
[72] JOHNSON, DAN, US  
[72] SALA, PABLO, US  
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2017-01-06  
[86] 2015-07-07 (PCT/US2015/039282)  
[87] (WO2016/007450)  
[30] US (14/329,052) 2014-07-11

---

[21] **2,954,532**  
[13] A1

[51] Int.Cl. G06F 11/30 (2006.01)  
[25] EN  
**[54] SYSTEMS AND METHODS FOR CORRELATING DERIVED METRICS FOR SYSTEM ACTIVITY**  
[54] SYSTEMES ET PROCEDES POUR METTRE EN CORRELATION DES METRIQUES DERIVEES POUR UNE ACTIVITE DE SYSTEME  
[72] ROSIER, MICHAEL, US  
[71] BENEFITFOCUS.COM, INC., US  
[85] 2017-01-09  
[86] 2015-08-17 (PCT/US2015/045477)  
[87] (WO2016/028669)  
[30] US (14/463,314) 2014-08-19

---

[21] **2,954,595**  
[13] A1

[51] Int.Cl. C07K 14/435 (2006.01) A61K 38/17 (2006.01) C12N 15/12 (2006.01)  
[25] EN  
**[54] POLYPEPTIDES AND USES THEREOF**  
[54] POLYPEPTIDES ET LEURS UTILISATIONS  
[72] NUNN, MILES, GB  
[72] LEA, SUSAN MARY, GB  
[72] JORE, MATHIJS MIKLAS, GB  
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB  
[85] 2017-01-09  
[86] 2015-06-05 (PCT/GB2015/051654)  
[87] (WO2015/185945)  
[30] GB (1410031.7) 2014-06-05

---

[21] **2,954,604**  
[13] A1

[51] Int.Cl. G06F 21/55 (2013.01) G06F 9/455 (2006.01) G06F 12/14 (2006.01)  
[25] EN  
**[54] SYSTEMS AND METHODS FOR EXPOSING A RESULT OF A CURRENT PROCESSOR INSTRUCTION UPON EXITING A VIRTUAL MACHINE**  
[54] SYSTEMES ET PROCEDES D'EXPOSITION D'UN RESULTAT D'UNE INSTRUCTION DE PROCESSEUR DE COURANT LORS DE LA SORTIE D'UNE MACHINE VIRTUELLE  
[72] LUKACS, SANDOR, RO  
[72] LUTAS, ANDREI-VLAD, RO  
[71] BITDEFENDER IPR MANAGEMENT LTD, CY  
[85] 2017-01-09  
[86] 2015-08-11 (PCT/RO2015/050009)  
[87] (WO2016/118033)  
[30] US (62/038,476) 2014-08-18  
[30] US (14/489,829) 2014-09-18

---

[21] **2,954,616**  
[13] A1

[51] Int.Cl. G06K 19/077 (2006.01) G08B 13/24 (2006.01)  
[25] EN  
**[54] ENHANCED SIGNAL AMPLITUDE IN ACOUSTIC-MAGNETOMECHANICAL EAS MARKER**  
[54] AMPLITUDE DE SIGNAL AMELIOREE DANS UN MARQUEUR DE SYSTEME DE SURVEILLANCE ELECTRONIQUE D'ARTICLES ACOUSTIQUE-MAGNETOMECHANIQUE  
[72] CHANDRAMOWLE, GOPAL, US  
[72] ZIRK, RANDY, US  
[72] LIU, NEN-CHIN, US  
[71] TYCO FIRE & SECURITY GMBH, CH  
[85] 2017-01-09  
[86] 2015-06-09 (PCT/US2015/034856)  
[87] (WO2015/191548)  
[30] US (62/009,438) 2014-06-09  
[30] US (62/015,987) 2014-06-23  
[30] US (14/487,266) 2014-09-16

## PCT Applications Entering the National Phase

---

[21] **2,954,646**  
[13] A1

- [51] Int.Cl. G06K 19/077 (2006.01) G08B  
13/24 (2006.01)  
[25] EN  
[54] ACOUSTIC-  
MAGNETOMECHANICAL  
MARKER HAVING AN  
ENHANCED SIGNAL AMPLITUDE  
AND THE MANUFACTURE  
THEREOF  
[54] MARQUEUR ACOUSTIQUE  
MAGNETO-MECANIQUE AYANT  
UNE AMPLITUDE DE SIGNAL  
AMELIOREE ET SA  
FABRICATION  
[72] LIU, NEN-CHIN, US  
[71] TYCO FIRE & SECURITY GMBH,  
CH  
[85] 2017-01-09  
[86] 2015-06-05 (PCT/US2015/034492)  
[87] (WO2015/191396)  
[30] US (62/009,438) 2014-06-09  
[30] US (14/487,277) 2014-09-16
- 

[21] **2,954,663**  
[13] A1

- [51] Int.Cl. G06F 17/20 (2006.01) G06F  
17/24 (2006.01)  
[25] EN  
[54] ENTITY RECOGNITION FOR  
ENHANCED DOCUMENT  
PRODUCTIVITY  
[54] RECONNAISSANCE D'ENTITE  
POUR UNE PRODUCTIVITE DE  
DOCUMENT AMELIOREE  
[72] WELTON, NICKOLAS D., US  
[72] RAMPSON, BENJAMIN E., US  
[72] ADELSON, STEPHEN J., US  
[71] MICROSOFT TECHNOLOGY  
LICENSING, LLC, US  
[85] 2017-01-09  
[86] 2015-07-14 (PCT/US2015/040237)  
[87] (WO2016/010939)  
[30] US (14/335,860) 2014-07-18

[21] **2,954,714**  
[13] A1

- [51] Int.Cl. G02B 27/01 (2006.01) G06T  
7/593 (2017.01) A61B 3/113 (2006.01)  
G06F 3/01 (2006.01) G06F 19/00  
(2011.01)  
[25] EN  
[54] GAZE-BASED OBJECT  
PLACEMENT WITHIN A  
VIRTUAL REALITY  
ENVIRONMENT  
[54] PLACEMENT D'OBJET BASE SUR  
UN REGARD DANS UN  
ENVIRONNEMENT DE REALITE  
VIRTUELLE  
[72] BURNS, AARON MACKAY, US  
[72] SUGDEN, BENJAMIN, US  
[72] MASSEY, LAURA, US  
[72] SALTER, THOMAS, US  
[71] MICROSOFT TECHNOLOGY  
LICENSING, LLC, US  
[85] 2017-01-09  
[86] 2015-07-24 (PCT/US2015/041868)  
[87] (WO2016/014878)  
[30] US (62/029,351) 2014-07-25  
[30] US (14/697,109) 2015-04-27
- 

[21] **2,954,855**  
[13] A1

- [51] Int.Cl. A61N 1/36 (2006.01) A61N  
1/05 (2006.01)  
[25] EN  
[54] ENHANCED DORSAL HORN  
STIMULATION USING MULTIPLE  
ELECTRICAL FIELDS  
[54] STIMULATION DE CORNE  
DORSALE AMELIOREE A L'AIDE  
DE MULTIPLES CHAMPS  
ELECTRIQUES  
[72] MOFFITT, MICHAEL A., US  
[72] HERSHY, BRADLEY LAWRENCE,  
US  
[72] ZHU, CHANGFANG, US  
[71] BOSTON SCIENTIFIC  
NEUROMODULATION  
CORPORATION, US  
[85] 2017-01-10  
[86] 2015-07-22 (PCT/US2015/041469)  
[87] (WO2016/014624)  
[30] US (62/028,643) 2014-07-24

[21] **2,954,913**  
[13] A1

- [51] Int.Cl. G06F 3/0481 (2013.01)  
[25] EN  
[54] ASSISTED PRESENTATION OF  
APPLICATION WINDOWS  
[54] PRESENTATION ASSISTEE DE  
FENETRES D'APPLICATION  
[72] VRANJES, MIRON, US  
[72] SUNDELIN, NILS ANDERS, US  
[72] DOAN, CHRISTOPHER, US  
[72] JONES, OLIVER R., US  
[72] WORLEY, MATTHEW I., US  
[71] MICROSOFT TECHNOLOGY  
LICENSING, LLC, US  
[85] 2017-01-11  
[86] 2015-07-27 (PCT/US2015/042259)  
[87] (WO2016/018814)  
[30] US (14/448,975) 2014-07-31
- 

[21] **2,954,933**  
[13] A1

- [51] Int.Cl. G06Q 10/04 (2012.01) G06Q  
50/30 (2012.01)  
[25] EN  
[54] CAPACITY PREDICTION FOR  
PUBLIC TRANSPORT VEHICLES  
[54] PREDICTION DE CAPACITE  
POUR VEHICULES DE  
TRANSPORT PUBLIC  
[72] BOHM, GERRIT, DE  
[71] BOHM, GERRIT, DE  
[85] 2017-01-12  
[86] 2015-07-13 (PCT/EP2015/001438)  
[87] (WO2016/008580)  
[30] EP (14 002 426.6) 2014-07-14

## Demandes PCT entrant en phase nationale

---

|   |
|---|
| <p>[21] <b>2,954,968</b><br/>[13] A1</p> <p>[51] Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRODE LEADS FOR USE WITH IMPLANTABLE NEUROMUSCULAR ELECTRICAL STIMULATOR</p> <p>[54] FILS D'ELECTRODES UTILISES AVEC UN STIMULATEUR ELECTRIQUE NEUROMUSCULAIRE IMPLANTABLE</p> <p>[72] SHIROFF, JASON ALAN, US</p> <p>[72] SKUBITZ, JASON JOHN, US</p> <p>[72] RAWAT, PRASHANT BRIJMOHANSINGH, US</p> <p>[71] MAINSTAY MEDICAL LIMITED, IE</p> <p>[85] 2017-01-12</p> <p>[86] 2015-08-05 (PCT/IB2015/055926)</p> <p>[87] (WO2016/020846)</p> <p>[30] US (14/453,423) 2014-08-06</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,955,624</b><br/>[13] A1</p> <p>[51] Int.Cl. H04N 5/232 (2006.01)</p> <p>[25] EN</p> <p>[54] SWITCHING BETWEEN CAMERAS OF AN ELECTRONIC DEVICE</p> <p>[54] COMMUTATION ENTRE CAMERAS D'UN DISPOSITIF ELECTRONIQUE</p> <p>[72] ZOU, DEYU, US</p> <p>[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US</p> <p>[85] 2017-01-18</p> <p>[86] 2015-07-29 (PCT/US2015/042558)</p> <p>[87] (WO2016/018962)</p> <p>[30] CN (201410370821.4) 2014-07-31</p> <p>[30] US (14/503,004) 2014-09-30</p> |
|---|

---

|   |
|---|
| <p>[21] <b>2,955,651</b><br/>[13] A1</p> <p>[51] Int.Cl. H04W 4/02 (2009.01) H04W 12/02 (2009.01)</p> <p>[25] EN</p> <p>[54] GEO-FENCING NOTIFICATIONS SUBSCRIPTIONS</p> <p>[54] ABONNEMENTS A DES NOTIFICATIONS DE GEOREPERAGE</p> <p>[72] BOJORQUEZ ALFARO, ROBERTO, US</p> <p>[72] DOLE, DANIEL, US</p> <p>[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US</p> <p>[85] 2017-01-18</p> <p>[86] 2015-08-13 (PCT/US2015/044947)</p> <p>[87] (WO2016/028579)</p> <p>[30] US (14/464,042) 2014-08-20</p> |
|---|

---

|  |
|--|
| <p>[21] <b>2,955,626</b><br/>[13] A1</p> <p>[51] Int.Cl. H02J 50/00 (2016.01) H04W 88/00 (2009.01) H04W 88/02 (2009.01) G01S 19/34 (2010.01) H01Q 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METAL BACK COVER WITH COMBINED WIRELESS POWER TRANSFER AND COMMUNICATIONS</p> <p>[54] COUVERCLE ARRIERE METALLIQUE A COMMUNICATIONS ET TRANSFERT DE PUISSANCE SANS FIL COMBINES</p> <p>[72] JEONG, SEONG HEON, US</p> <p>[71] QUALCOMM INCORPORATED, US</p> <p>[85] 2017-01-18</p> <p>[86] 2015-07-29 (PCT/US2015/042708)</p> <p>[87] (WO2016/036450)</p> <p>[30] US (62/046,386) 2014-09-05</p> <p>[30] US (14/733,779) 2015-06-08</p> |
|--|

---

|  |
|--|
| <p>[21] <b>2,955,674</b><br/>[13] A1</p> <p>[51] Int.Cl. G10L 19/04 (2013.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR PROCESSING AN AUDIO SIGNAL, AUDIO DECODER, AND AUDIO ENCODER</p> <p>[54] PROCEDE ET APPAREIL POUR LE TRAITEMENT D'UN SIGNAL AUDIO, DECODEUR AUDIO, ET CODEUR AUDIO</p> <p>[72] RAVELLI, EMMANUEL, DE</p> <p>[72] JANDER, MANUEL, DE</p> <p>[72] PIETRZYK, GRZEGORZ, DE</p> <p>[72] DIETZ, MARTIN, DE</p> <p>[72] GAYER, MARC, DE</p> <p>[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE</p> <p>[85] 2017-01-19</p> <p>[86] 2015-07-03 (PCT/EP2015/065219)</p> <p>[87] (WO2016/015950)</p> <p>[30] EP (14178821.6) 2014-07-28</p> |
|--|

---

## PCT Applications Entering the National Phase

---

**[21] 2,955,692**

[13] A1

- [51] Int.Cl. C04B 41/89 (2006.01) B32B 3/24 (2006.01) C04B 35/577 (2006.01) C04B 35/80 (2006.01) C04B 41/91 (2006.01) F01D 5/28 (2006.01)
  - [25] EN
  - [54] ARTICLE COMPRISING ENVIRONMENTAL BARRIER COATING
  - [54] ARTICLE COMPRENANT UN REVETEMENT BARRIERE ENVIRONNEMENTALE
  - [72] WAN, JULIN, US
  - [71] GENERAL ELECTRIC COMPANY, US
  - [85] 2017-01-19
  - [86] 2015-07-07 (PCT/US2015/039331)
  - [87] (WO2016/018570)
  - [30] US (14/445,665) 2014-07-29
- 

**[21] 2,955,702**

[13] A1

- [51] Int.Cl. H05B 3/84 (2006.01) H05B 3/12 (2006.01)
- [25] EN
- [54] TRANSPARENT PANE HAVING AN ELECTRICAL HEATING LAYER, METHOD FOR ITS PRODUCTION, AND ITS USE
- [54] PLAQUE TRANSPARENTE POURVUE D'UNE COUCHE CHAUFFANTE ELECTRIQUE, PROCEDE DE FABRICATION DE CELLE-CI ET UTILISATION DE CELLE-CI
- [72] SCHALL, GUNTHER, DE
- [72] SCHULZ, VALENTIN, DE
- [72] DIMITRIJEVIC, BOJAN, DE
- [71] SAINT-GOBAIN GLASS FRANCE, FR
- [85] 2017-01-19
- [86] 2015-06-26 (PCT/EP2015/064482)
- [87] (WO2016/020114)
- [30] EP (14180358.5) 2014-08-08

**[21] 2,955,716**

[13] A1

- [51] Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01K 67/033 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)
  - [25] EN
  - [54] TOMATO PLANTS ALLOWING THE ESTABLISHMENT OF MITES
  - [54] PLANTES DE TOMATE TOLERANT L'ESTABLISSEMENT D'ACARIENS
  - [72] VAN HERWIJNEN, ZEGER OTTO, NL
  - [72] DRAGER, DORTHE BETTINA, NL
  - [72] BOLCKMANS, KAREL JOZEF FLORENT, NL
  - [72] VAN HOUTEN, YVONNE MARIA, NL
  - [72] DE JOODE, JASPER, NL
  - [71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
  - [85] 2017-01-19
  - [86] 2015-08-17 (PCT/EP2015/068860)
  - [87] (WO2016/026816)
  - [30] EP (14181306.3) 2014-08-18
- 

**[21] 2,955,732**

[13] A1

- [51] Int.Cl. H05B 3/84 (2006.01) H05B 3/12 (2006.01)
- [25] EN
- [54] TRANSPARENT PANE HAVING AN ELECTRICAL HEATING LAYER, METHOD FOR ITS PRODUCTION, AND ITS USE
- [54] PLAQUE TRANSPARENTE POURVUE D'UNE COUCHE CHAUFFANTE ELECTRIQUE, PROCEDE DE FABRICATION DE CELLE-CI ET UTILISATION DE CELLE-CI
- [72] SCHALL, GUNTHER, DE
- [72] SCHULZ, VALENTIN, DE
- [72] DIMITRIJEVIC, BOJAN, DE
- [71] SAINT-GOBAIN GLASS FRANCE, FR
- [85] 2017-01-19
- [86] 2015-06-26 (PCT/EP2015/064480)
- [87] (WO2016/020113)
- [30] EP (14180346.0) 2014-08-08

**[21] 2,955,757**

[13] A1

- [51] Int.Cl. G10L 19/012 (2013.01)
  - [25] EN
  - [54] APPARATUS AND METHOD FOR COMFORT NOISE GENERATION MODE SELECTION
  - [54] APPAREIL ET PROCEDE DE SELECTION D'UN MODE DE GENERATION DE BRUIT DE CONFORT
  - [72] RAVELLI, EMMANUEL, DE
  - [72] DIETZ, MARTIN, DE
  - [72] JAEGERS, WOLFGANG, DE
  - [72] NEUKAM, CHRISTIAN, DE
  - [72] REUSCHL, STEFAN, DE
  - [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
  - [85] 2017-01-19
  - [86] 2015-07-16 (PCT/EP2015/066323)
  - [87] (WO2016/016013)
  - [30] EP (14178782.0) 2014-07-28
- 

**[21] 2,955,776**

[13] A1

- [51] Int.Cl. A63G 31/16 (2006.01) A63G 7/00 (2006.01)
  - [25] EN
  - [54] VEHICLE TRANSPORTATION ROOM SYSTEM AND METHOD
  - [54] SYSTEME ET PROCEDE DE SALLE DE TRANSPORT DE VEHICULE
  - [72] MCVEEN, KEITH MICHAEL, US
  - [71] UNIVERSAL CITY STUDIOS LLC, US
  - [85] 2017-01-19
  - [86] 2015-07-07 (PCT/US2015/039434)
  - [87] (WO2016/014243)
  - [30] US (14/337,220) 2014-07-22
- 

**[21] 2,955,782**

[13] A1

- [51] Int.Cl. H01Q 1/44 (2006.01) B23K 9/095 (2006.01) H01Q 13/18 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR CAVITY-BACKED ANTENNA
- [54] SYSTEME ET PROCEDE POUR ANTENNE A CAVITE
- [72] DENIS, MARC LEE, US
- [71] ILLINOIS TOOL WORKS INC., US
- [85] 2017-01-19
- [86] 2015-07-14 (PCT/US2015/040390)
- [87] (WO2016/043833)
- [30] US (14/488,803) 2014-09-17

## Demandes PCT entrant en phase nationale

---

[21] **2,955,786**

[13] A1

- [51] Int.Cl. H04B 7/00 (2006.01) B23K 9/095 (2006.01)  
 [25] EN  
 [54] SYSTEM AND METHOD FOR AN ANTENNA ON A CABLE  
 [54] SYSTEME ET PROCEDE POUR UNE ANTENNE SUR UN CABLE  
 [72] DENIS, MARC L., US  
 [72] GILL, MICHAEL ANTHONY, US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [85] 2017-01-19  
 [86] 2015-07-10 (PCT/US2015/039902)  
 [87] (WO2016/039842)  
 [30] US (14/480,152) 2014-09-08
- 

[21] **2,955,811**

[13] A1

- [51] Int.Cl. H04N 5/357 (2011.01)  
 [25] EN  
 [54] TIME DELAY INTEGRATION IMAGE CAPTURE METHOD CORRECTING IMAGE DEFECTS CAUSED BY COSMIC PARTICLES  
 [54] PROCEDE DE CAPTURE D'IMAGE, A DEFILEMENT ET INTEGRATION DE SIGNAL, CORRIGEANT DES DEFAUTS D'IMAGE DUS A DES PARTICULES COSMIQUES  
 [72] FEREYRE, PIERRE, FR  
 [72] MOENNE-LOCCOZ, PHILIPPE, FR  
 [71] E2V SEMICONDUCTORS, FR  
 [85] 2017-01-19  
 [86] 2015-07-23 (PCT/EP2015/066929)  
 [87] (WO2016/016103)  
 [30] FR (1457300) 2014-07-28
- 

[21] **2,955,822**

[13] A1

- [51] Int.Cl. H04W 92/16 (2009.01) H04W 4/06 (2009.01)  
 [25] EN  
 [54] PHONEPAD  
 [54] COMBINAISON TELEPHONE/TABLETTE  
 [72] ZHAO, PENGXIANG, US  
 [72] ZHENG, FRANK, US  
 [72] ZHU, ROBERT, US  
 [72] CHIN, YING, US  
 [72] ZHANG, ZACH, US  
 [71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
 [85] 2017-01-19  
 [86] 2015-08-23 (PCT/US2015/046445)  
 [87] (WO2016/032917)  
 [30] US (14/467,501) 2014-08-25
- 

---

[21] **2,955,825**

[13] A1

- [51] Int.Cl. H01B 1/20 (2006.01) H05B 3/12 (2006.01)  
 [25] EN  
 [54] CONDUCTIVE POLYMER COMPOSITE  
 [54] COMPOSITE POLYMERIQUE CONDUCTEUR  
 [72] BILOTTI, EMILIANO, GB  
 [71] LMK THERMOSAFE LTD., GB  
 [85] 2017-01-19  
 [86] 2015-07-17 (PCT/GB2015/052073)  
 [87] (WO2016/012762)  
 [30] GB (1413136.1) 2014-07-24
- 

[21] **2,955,832**

[13] A1

- [51] Int.Cl. H04W 76/04 (2009.01) H04W 52/02 (2009.01)  
 [25] EN  
 [54] PROCESSOR VALIDATED WAKEUP SYSTEM AND METHOD  
 [54] SYSTEME ET PROCEDE DE REVEIL VALIDES PAR PROCESSEUR  
 [72] ZACCHIO, JOSEPH, US  
 [72] SOLDNER, NICHOLAS CHARLES, US  
 [72] LAKAMRAJU, VIJAYA RAMARAJU, US  
 [71] CARRIER CORPORATION, US  
 [85] 2017-01-19  
 [86] 2015-09-14 (PCT/US2015/050053)  
 [87] (WO2016/044190)  
 [30] US (62/050,487) 2014-09-15
- 

[21] **2,956,036**

[13] A1

- [51] Int.Cl. A23L 17/00 (2016.01) A23L 13/60 (2016.01) A23P 10/00 (2016.01) A23P 30/00 (2016.01) A23P 30/10 (2016.01) A23P 30/20 (2016.01) A23L 7/109 (2016.01)  
 [25] EN  
 [54] SPAGHETTI-LIKE SURIMI AND METHODS OF ITS MANUFACTURE  
 [54] SURIMI DE TYPE SPAGHETTI ET PROCEDES DE FABRICATION CORRESPONDANTS  
 [72] WEINBERG-SEHAYEK, NOAM, IL  
 [72] WEINBERG, AVRAHAM, IL  
 [71] GRADIENT AQUACULTURE, CN  
 [85] 2017-01-23  
 [86] 2014-07-22 (PCT/IB2014/063294)  
 [87] (WO2015/011634)  
 [30] US (61/856,807) 2013-07-22
- 

---

[21] **2,956,053**

[13] A1

- [51] Int.Cl. A23L 19/00 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A23L 29/212 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 33/17 (2016.01) A23P 10/00 (2016.01) A23P 30/00 (2016.01) A23J 3/00 (2006.01) A23L 3/005 (2006.01) A23L 3/40 (2006.01)  
 [25] EN  
 [54] EDIBLE PROTEIN AND CARBOHYDRATE GLASS-LIKE COMPOSITIONS  
 [54] COMPOSITIONS VITREUSES DE PROTEINES ET DE GLUCIDES COMESTIBLES  
 [72] FISKLEMENTS, MEGAN ALEXANDER, US  
 [72] HIRSCHBERG, EDWARD, US  
 [72] PETERS, MATTISON, US  
 [72] KENNEY, ERICA, US  
 [72] PAN, ZHONGLI, US  
 [72] MCHUGH, TARA H., US  
 [72] NORRIS, LESLIE MARIE, US  
 [71] TREASURE8 LLC, US  
 [71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US  
 [85] 2016-11-29  
 [86] 2015-05-29 (PCT/US2015/033381)  
 [87] (WO2015/184390)  
 [30] US (14/292,845) 2014-05-31
- 

[21] **2,956,194**

[13] A1

- [51] Int.Cl. B60N 2/02 (2006.01) B60N 2/08 (2006.01) B60N 2/22 (2006.01)  
 [25] FR  
 [54] VEHICLE SEAT AND METHOD FOR ADJUSTING A VEHICLE SEAT  
 [54] SIEGE DE VEHICULE ET PROCEDE DE REGLAGE D'UN SIEGE DE VEHICULE  
 [72] FERRE, LUDOVIC, FR  
 [72] REY, JEAN-NOEL, FR  
 [71] FAURECIA SIEGES D'AUTOMOBILE, FR  
 [85] 2017-01-24  
 [86] 2015-06-29 (PCT/FR2015/051777)  
 [87] (WO2016/012684)  
 [30] FR (14 57232) 2014-07-25

## PCT Applications Entering the National Phase

---

**[21] 2,956,206**  
[13] A1

- [51] Int.Cl. E03B 11/16 (2006.01) F25B  
1/053 (2006.01)
- [25] EN
- [54] AN APPARATUS, SYSTEM AND METHOD FOR UTILIZING THERMAL ENERGY
- [54] APPAREIL, SYSTEME ET PROCEDE POUR UTILISER UNE ENERGIE THERMIQUE
- [72] KREMER, ROBERT, US
- [71] KREMER, ROBERT, US
- [85] 2017-01-24
- [86] 2015-06-30 (PCT/US2015/038509)
- [87] (WO2016/004014)
- [30] US (62/019,091) 2014-06-30

**[21] 2,956,216**  
[13] A1

- [51] Int.Cl. G06F 9/54 (2006.01) G06F 9/50 (2006.01)
- [25] EN
- [54] MUTABLE CHRONOLOGIES FOR ACCOMMODATION OF RANDOMLY OCCURRING EVENT DELAYS
- [54] CHRONOLOGIES ADAPTATIVES PERMETTANT LA PRISE EN COMPTE DE RETARDS D'EVENEMENTS SE PRODUISANT DE MANIERE ALEATOIRE
- [72] STANFILL, CRAIG W., US
- [71] AB INITIO TECHNOLOGY LLC, US
- [85] 2017-01-24
- [86] 2015-07-24 (PCT/US2015/041951)
- [87] (WO2016/014925)
- [30] US (62/028,999) 2014-07-25

**[21] 2,956,220**  
[13] A1

- [51] Int.Cl. G01V 1/38 (2006.01)
- [25] EN
- [54] MARINE SEISMIC SURVEYING WITH TOWED COMPONENTS BELOW WATER'S SURFACE
- [54] ETUDE SISMIQUE MARINE A COMPOSANTS REMORQUES SOUS LA SURFACE DE L'EAU
- [72] SCHNEIDER, CURT, US
- [72] DUDLEY, TIMOTHY A., US
- [71] ION GEOPHYSICAL CORPORATION, US
- [71] SCHNEIDER, CURT, US
- [71] DUDLEY, TIMOTHY A., US
- [85] 2017-01-24
- [86] 2015-07-24 (PCT/US2015/041954)
- [87] (WO2016/014926)
- [30] US (14/339,736) 2014-07-24
- [30] US (14/339,726) 2014-07-24

**[21] 2,956,222**  
[13] A1

- [51] Int.Cl. E03B 11/02 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR EFFECTIVE USE OF A LOW-YIELD WELL
- [54] SYSTEME ET PROCEDE PERMETTANT UNE UTILISATION EFFICACE D'UN PUITS A FAIBLE RENDEMENT
- [72] EPP, KEVIN, US
- [71] EPP, KEVIN, US
- [85] 2017-01-24
- [86] 2015-07-27 (PCT/US2015/042294)
- [87] (WO2016/018824)
- [30] US (62/029,692) 2014-07-28

**[21] 2,956,231**  
[13] A1

- [51] Int.Cl. H02P 25/18 (2006.01) H02P 25/02 (2016.01) H02P 27/00 (2006.01)
- [25] EN
- [54] MULTIPLE PHASE ELECTRIC MACHINE, DRIVE AND CONTROL
- [54] MACHINE ELECTRIQUE A PHASES MULTIPLES, ENTRAINEMENT ET COMMANDE
- [72] BLANCHARD ST-JACQUES, BENOIT, CA
- [72] OBRY, CHARLES, CA
- [71] TM4 INC., CA
- [85] 2017-01-25
- [86] 2015-07-27 (PCT/CA2015/050705)
- [87] (WO2016/015147)
- [30] US (62/030,226) 2014-07-29

**[21] 2,956,237**  
[13] A1

- [51] Int.Cl. E21B 43/12 (2006.01) E21B 34/08 (2006.01) E21B 43/14 (2006.01) E21B 23/02 (2006.01) E21B 23/03 (2006.01)
- [25] EN
- [54] DOWNHOLE VALVE SYSTEM
- [54] SYSTEME DE VANNE DE FOND DE TROU
- [72] VASQUES, RICARDO REVES, DK
- [72] KUMAR, SATISH, DK
- [72] STAHR, LARS, DK
- [71] WELLTEC A/S, DK
- [85] 2017-01-25
- [86] 2015-08-07 (PCT/EP2015/068252)
- [87] (WO2016/020523)
- [30] EP (14180326.2) 2014-08-08

## Demandes PCT entrant en phase nationale

---

[21] **2,956,239**  
[13] A1

- [51] Int.Cl. E21B 43/10 (2006.01)
  - [25] EN
  - [54] ASSEMBLY AND METHOD FOR CREATING AN EXPANDED TUBULAR ELEMENT IN A BOREHOLE
  - [54] ENSEMBLE ET PROCEDE DE CREATION D'UN ELEMENT TUBULAIRE DILATE DANS UN TROU DE FORAGE
  - [72] BRISCO, DAVID PAUL, US
  - [72] STAM, WALTER, NL
  - [72] WUBBEN, ANTONIUS LEONARDUS MARIA, NL
  - [71] SHELL INTERNATIONALE RESEARCH MAATCSHAPPIJ B.V., NL
  - [85] 2017-01-25
  - [86] 2015-08-10 (PCT/EP2015/068373)
  - [87] (WO2016/023864)
  - [30] EP (14180767.7) 2014-08-13
- 

[21] **2,956,543**  
[13] A1

- [51] Int.Cl. B23B 51/04 (2006.01) B23B 47/00 (2006.01) B27B 5/12 (2006.01) B27B 5/29 (2006.01) E21B 10/02 (2006.01) E21B 25/00 (2006.01)
- [25] EN
- [54] SUPPORT ASSEMBLY FOR A CORE DRILL
- [54] ENSEMBLE DE SUPPORT POUR UN CAROTTIER
- [72] BARATTA, ANTHONY, US
- [71] WESTERN SAW MANUFACTURERS, INC., US
- [85] 2017-01-26
- [86] 2015-07-29 (PCT/US2015/042682)
- [87] (WO2016/019032)
- [30] US (14/446,164) 2014-07-29

[21] **2,956,551**  
[13] A1

- [51] Int.Cl. B29C 70/48 (2006.01) B29B 15/08 (2006.01) B29C 70/44 (2006.01) D06M 11/68 (2006.01)
  - [25] EN
  - [54] A PROCESS FOR THE MAKING OF COMPOSITE MATERIAL PRODUCTS HAVING REINFORCING LAYERS AND RESIN
  - [54] PROCEDE DE FABRICATION DE PRODUITS EN MATERIAU COMPOSITE COMPORTANT DES COUCHES DE RENFORT ET UNE RESINE
  - [72] COLANTONIO, DONATO, IT
  - [72] PROCACCINI, FABRIZIO, IT
  - [71] COMPNEXT S.R.L., IT
  - [71] DLC CAPITAL HOLDINGS PTY LTD, AU
  - [85] 2017-01-27
  - [86] 2014-08-01 (PCT/IB2014/001439)
  - [87] (WO2015/015284)
  - [30] IT (RM2013A000451) 2013-08-01
- 

[21] **2,956,552**  
[13] A1

- [51] Int.Cl. B23P 19/02 (2006.01) B66C 1/10 (2006.01)
- [25] EN
- [54] MACHINE FOR AERIAL HANDLING OF LOADS
- [54] MACHINE DE MANUTENTION DE CHARGES EN HAUTEUR
- [72] LA FERLA, DANILO, IT
- [72] VIGLIANTI, FRANCESCO, IT
- [71] IDROJET S.R.L., IT
- [85] 2017-01-27
- [86] 2014-08-06 (PCT/IT2014/000209)
- [87] (WO2016/020945)

[21] **2,956,553**  
[13] A1

- [51] Int.Cl. C07D 417/10 (2006.01) A61K 31/427 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 1/12 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 13/04 (2006.01) A61P 13/12 (2006.01) A61P 19/06 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01)
  - [25] EN
  - [54] AZOLE BENZENE DERIVATIVE AND CRYSTALLINE FORM THEREOF
  - [54] DERIVE D'AZOLE ET DE BENZENE ET FORME CRISTALLINE DUDIT DERIVE
  - [72] KAWANA, ASAHI, JP
  - [72] NOZATO, HISAE, JP
  - [72] KANAZAWA, CHIKASHI, JP
  - [71] TEIJIN PHARMA LIMITED, JP
  - [85] 2017-01-27
  - [86] 2015-07-29 (PCT/JP2015/071530)
  - [87] (WO2016/017708)
  - [30] JP (2014-155030) 2014-07-30
  - [30] JP (2014-155032) 2014-07-30
- 

[21] **2,956,554**  
[13] A1

- [51] Int.Cl. C07C 229/12 (2006.01) A61K 9/51 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01) A61K 47/18 (2017.01) A61K 48/00 (2006.01) A61P 43/00 (2006.01) C12N 15/113 (2010.01)
- [25] EN
- [54] CATIONIC LIPID
- [54] LIPIDE CATIONIQUE
- [72] HOASHI, YASUTAKA, JP
- [71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
- [85] 2017-01-27
- [86] 2015-08-06 (PCT/JP2015/072344)
- [87] (WO2016/021683)
- [30] JP (2014-161718) 2014-08-07

## PCT Applications Entering the National Phase

---

[21] **2,956,667**

[13] A1

- [51] Int.Cl. A61K 39/00 (2006.01) C12P 21/04 (2006.01) C12P 21/08 (2006.01)
  - [25] EN
  - [54] MULTIPARTITE SIGNALING PROTEINS AND USES THEREOF
  - [54] PROTEINES DE SIGNALISATION MULTIPARTITES ET LEURS UTILISATIONS
  - [72] JARJOUR, JORDAN, US
  - [72] ASTRAKHAN, ALEXANDER, US
  - [72] CERTO, MICHAEL, US
  - [71] BLUEBIRD BIO, INC., US
  - [85] 2017-01-27
  - [86] 2014-07-23 (PCT/US2014/047852)
  - [87] (WO2015/017214)
  - [30] US (61/859,697) 2013-07-29
  - [30] US (61/934,092) 2014-01-31
- 

[21] **2,956,691**

[13] A1

- [51] Int.Cl. H02P 6/06 (2006.01) H02P 23/00 (2016.01) H02P 25/18 (2006.01)
  - [25] EN
  - [54] DIVIDED PHASE AC SYNCHRONOUS MOTOR CONTROLLER
  - [54] DISPOSITIF DE COMMANDE DE MOTEUR SYNCHRONE A PHASE DIVISEE
  - [72] FLYNN, CHARLES J., US
  - [72] TRACY, COOPER N., US
  - [72] HUNTER, W. SCOTT, US
  - [71] QM POWER, INC., US
  - [85] 2017-01-27
  - [86] 2015-08-07 (PCT/US2015/044182)
  - [87] (WO2016/022904)
  - [30] US (62/034,909) 2014-08-08
- 

[21] **2,956,693**

[13] A1

- [51] Int.Cl. A61F 13/00 (2006.01)
  - [25] EN
  - [54] ADHESIVE COMPOSITIONS AND PATCHES, AND ASSOCIATED SYSTEMS, KITS, AND METHODS
  - [54] COMPOSITIONS ADHESIVES ET TIMBRES ADHESIFS, ET DES SYSTEMES, KITS, ET PROCEDES ASSOCIES
  - [72] ERICSON, DANIEL GRANT, US
  - [72] BRANDY, KYLE ROBERT, US
  - [71] XCEDE TECHNOLOGIES, INC., US
  - [85] 2017-01-27
  - [86] 2015-08-07 (PCT/US2015/044225)
  - [87] (WO2016/022928)
  - [30] US (62/035,250) 2014-08-08
- 

[21] **2,956,695**

[13] A1

- [51] Int.Cl. A61B 17/58 (2006.01)
  - [25] EN
  - [54] BONE TREATMENT SYSTEMS AND METHODS
  - [54] SYSTEMES ET METHODES DE TRAITEMENT DE L'OS
  - [72] BALBIERZ, DANIEL J., US
  - [72] WONG, ERIC K., US
  - [71] DFINE, INC., US
  - [85] 2017-01-27
  - [86] 2015-08-14 (PCT/US2015/045383)
  - [87] (WO2016/028645)
  - [30] US (62/040,847) 2014-08-22
- 

[21] **2,956,765**

[13] A1

- [51] Int.Cl. F02M 33/00 (2006.01) C10L 3/00 (2006.01) F02M 23/00 (2006.01) F02M 27/02 (2006.01) F02M 31/00 (2006.01) F23K 5/00 (2006.01)
  - [25] EN
  - [54] WELLHEAD GAS CONDITIONER METHODS AND USES THEREOF
  - [54] PROCEDES DE DISPOSITIF DE CONDITIONNEMENT DE GAZ DE TETE DE PUITS ET LEURS UTILISATIONS
  - [72] WILLIAMS, SHAZAM, CA
  - [72] HU, LINJIE, CA
  - [72] PARMAR, RAJESH, CA
  - [72] MUTER, JOHN, CA
  - [71] DCL INTERNATIONAL INC., CA
  - [85] 2017-01-30
  - [86] 2015-08-18 (PCT/CA2015/050781)
  - [87] (WO2016/029298)
  - [30] US (62/043,507) 2014-08-29
- 

[21] **2,956,770**

[13] A1

- [51] Int.Cl. C08G 63/664 (2006.01) A61L 31/06 (2006.01) C08L 67/02 (2006.01) C08L 67/04 (2006.01)
  - [25] FR
  - [54] COMPOSITION OF DIBLOCK AND TRIBLOCK COPOLYMERS AND THE USE THEREOF IN THE PREVENTION OF TISSUE ADHESIONS
  - [54] COMPOSITION DE COPOLYMERES DIBLOCS ET TRIBLOCS ET SON UTILISATION DANS LA PREVENTION DES ADHERENCES TISSULAIRES
  - [72] COUDANE, JEAN, FR
  - [72] LEPRINCE, SALOME, FR
  - [72] GARRIC, XAVIER, FR
  - [72] PANIAGUA, CEDRIC, FR
  - [72] HUBERLANT, STEPHANIE, FR
  - [72] LETOUZEY, VINCENT, FR
  - [71] UNIVERSITE DE MONTPELLIER, FR
  - [71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER, FR
  - [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
  - [71] CENTRE REGIONAL HOSPITALIER UNIVERSITAIRE DE NIMES, FR
  - [85] 2017-01-27
  - [86] 2015-08-03 (PCT/FR2015/052139)
  - [87] (WO2016/020613)
  - [30] FR (1457562) 2014-08-04
- 

[21] **2,956,772**

[13] A1

- [51] Int.Cl. G01C 21/26 (2006.01) G06F 17/30 (2006.01) G09B 29/00 (2006.01) G09B 29/10 (2006.01)
- [25] EN
- [54] SURVEY (BIRD'S-EYE)-TYPE NAVIGATION SYSTEM
- [54] SYSTEME DE NAVIGATION TOPOGRAPHIQUE (EN VUE AERIENNE)
- [72] NISHIISHIGAKI, KENJI, JP
- [71] NISHIISHIGAKI, KENJI, JP
- [85] 2017-01-27
- [86] 2015-06-22 (PCT/JP2015/067836)
- [87] (WO2015/194677)
- [30] JP (2014-127655) 2014-06-20

## Demandes PCT entrant en phase nationale

---

**[21] 2,956,773**  
[13] A1

- [51] Int.Cl. C07D 487/04 (2006.01) C07D 473/34 (2006.01) A61K 31/52 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)
- [25] EN
- [54] DEUTERATED QUINAZOLINONE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAME
- [54] COMPOSES DE QUINAZOLINONE DEUTERATEE ET COMPOSITIONS PHARMACEUTIQUES RENFERMANT LESDITS COMPOSES
- [72] LV, BINHUA, CN
- [72] LI, CHENGWEI, CN
- [71] SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD., CN
- [85] 2017-01-30
- [86] 2015-01-30 (PCT/CN2015/071996)
- [87] (WO2015/113521)
- [30] CN (201410044620.5) 2014-01-30
- [30] CN (201410058184.7) 2014-02-20

**[21] 2,956,774**  
[13] A1

- [51] Int.Cl. F16L 37/24 (2006.01) A62C 33/00 (2006.01) F16K 17/02 (2006.01) F16L 55/07 (2006.01)
- [25] EN
- [54] COUPLING WITH SAFETY VALVE FUNCTION
- [54] RACCORD D'ACCOUPLEMENT A FONCTION DE SOUPAPE DE SURETE
- [72] HORIMOTO, AKIRA, JP
- [71] SAKURA RUBBER CO., LTD., JP
- [85] 2017-01-27
- [86] 2014-07-29 (PCT/JP2014/069959)
- [87] (WO2016/016951)

**[21] 2,956,775**  
[13] A1

- [51] Int.Cl. H04N 21/433 (2011.01) H04N 21/45 (2011.01) H04N 5/76 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR RECORDING AGENT INTERACTIONS
- [54] SYSTEME ET PROCEDE POUR ENREGISTRER DES INTERACTIONS D'AGENTS
- [72] LUM, HENRY, US
- [72] LAM, ANTHONY, US
- [72] OLLINGER, DAVID, US
- [71] GREENEDEN U.S. HOLDINGS II, LLC, US
- [85] 2017-01-27
- [86] 2015-06-30 (PCT/US2015/038655)
- [87] (WO2016/004100)
- [30] US (14/320,528) 2014-06-30
- [30] US (14/320,502) 2014-06-30

**[21] 2,956,777**  
[13] A1

- [51] Int.Cl. A47C 27/00 (2006.01) A47C 27/15 (2006.01)
- [25] EN
- [54] AIR MATTRESS AND METHOD OF CONSTRUCTING SAME
- [54] MATELAS PNEUMATIQUE ET PROCEDE DE CONSTRUCTION ASSOCIE
- [72] JACOT, DOUGLAS S., US
- [72] MARSON, JAMES EDWARD, US
- [71] CASCADE DESIGNS, INC., US
- [85] 2017-01-27
- [86] 2015-07-24 (PCT/US2015/042121)
- [87] (WO2016/018768)
- [30] US (62/030,055) 2014-07-28

**[21] 2,956,778**  
[13] A1

- [51] Int.Cl. A01N 37/18 (2006.01) A61K 38/04 (2006.01) A61K 38/16 (2006.01)
- [25] EN
- [54] WATER BUFFALO DERIVED PEPTIDE ANTIBIOTIC THERAPIES
- [54] THERAPIES ANTIBIOTIQUES A BASE DE PEPTIDES DERIVES DE BUFFLE D'ASIE
- [72] GARCIA, LUIS TONATIUH MELGAREJO, US
- [72] LINDE, ANNICKA, US
- [72] LUSHINGTON, GERALD HENRY, US
- [71] CENTAUR, INC., US
- [85] 2017-01-27
- [86] 2015-07-28 (PCT/US2015/042435)
- [87] (WO2016/022335)
- [30] US (62/032,737) 2014-08-04
- [30] US (14/483,083) 2014-09-10
- [30] US (14/678,558) 2015-04-03
- [30] US (14/692,518) 2015-04-21
- [30] US (14/750,709) 2015-06-25

**[21] 2,956,779**  
[13] A1

- [51] Int.Cl. G02B 6/42 (2006.01) A61B 1/00 (2006.01) A61B 1/04 (2006.01) G02B 6/27 (2006.01) G02B 6/293 (2006.01) G02B 27/10 (2006.01)
- [25] EN
- [54] MINIATURE MULTI-TARGET OPTICAL IMAGING APPARATUS
- [54] MINI-APPAREIL D'IMAGERIE OPTIQUE MULTI-CIBLES
- [72] SOUDAGAR, YASAMAN, CA
- [71] NEURESCENCE INC., CA
- [85] 2017-01-30
- [86] 2015-08-04 (PCT/CA2015/050731)
- [87] (WO2016/019458)
- [30] US (62/033,150) 2014-08-05

## PCT Applications Entering the National Phase

---

**[21] 2,956,781**  
[13] A1

[51] Int.Cl. F01M 1/16 (2006.01) F01M 1/02 (2006.01) F16K 31/06 (2006.01)  
[25] EN  
[54] OIL PUMP CONTROL VALVE  
[54] SOUPAPE DE COMMANDE DE POMPE A HUILE  
[72] LEE, CHANG-HOON, KR  
[72] MOON, KUK-CHAN, KR  
[72] PARK, JI-HOON, KR  
[72] KIM, MUN-HAK, KR  
[71] UNICK CORPORATION, KR  
[85] 2017-01-03  
[86] 2015-06-29 (PCT/KR2015/006653)  
[87] (WO2016/003139)  
[30] KR (10-2014-0082974) 2014-07-03

---

**[21] 2,956,783**  
[13] A1

[51] Int.Cl. B65D 17/00 (2006.01)  
[25] EN  
[54] VENTED CONTAINER END CLOSURE  
[54] FERMETURE D'EXTREMITE DE RECIPIENT MISE A L'AIR LIBRE  
[72] CHASTEEN, HOWARD C., US  
[72] JACOBER, MARK A., US  
[71] BALL CORPORATION, US  
[85] 2017-01-27  
[86] 2015-07-29 (PCT/US2015/042579)  
[87] (WO2016/018977)  
[30] US (62/030,736) 2014-07-30  
[30] US (62/152,577) 2015-04-24

---

**[21] 2,956,786**  
[13] A1

[51] Int.Cl. A61C 7/00 (2006.01) A61B 17/56 (2006.01) A61C 3/02 (2006.01)  
[25] EN  
[54] DEVICE AND METHODS FOR OSTEOPERFORATION  
[54] DISPOSITIF ET PROCEDES POUR L'OSTEOPERFORATION  
[72] WAY, BRYCE A., US  
[72] JOHNSON, RICHARD, US  
[72] MIGNEAULT, PETER, US  
[72] ZILLES, GERALD, US  
[72] PHAN, CHRISTOPHER U., US  
[72] ABATELLI, PHILLIP, US  
[72] NUESTRO, MARIA V., US  
[72] MIRZAAGHAEIAN, AMIN, US  
[71] PROPEL ORTHODONTICS, LLC, US  
[85] 2017-01-27  
[86] 2015-07-29 (PCT/US2015/042756)  
[87] (WO2016/019073)  
[30] US (62/030,536) 2014-07-29

---



---

**[21] 2,956,790**  
[13] A1

[51] Int.Cl. A63H 3/00 (2006.01) A63H 3/28 (2006.01)  
[25] EN  
[54] SPARKLY CHILDRENS PRODUCTS  
[54] PRODUITS LUMINEUX POUR ENFANTS  
[72] GONCHAR, SERGEI, US  
[71] GONCHAR, SERGEI, US  
[85] 2017-01-30  
[86] 2015-07-28 (PCT/US2015/042404)  
[87] (WO2016/018881)  
[30] US (62/030,011) 2014-07-28  
[30] US (62/046,821) 2014-09-05

---

**[21] 2,956,793**  
[13] A1

[51] Int.Cl. A61F 11/00 (2006.01)  
[25] EN  
[54] APPARATUS FOR PERFORATION AND ASPIRATION OF INNER EAR  
[54] APPAREIL PERMETTANT LA PERFORATION ET L'ASPIRATION DE L'OREILLE INTERNE  
[72] WATANABE, HIROBUMI, US  
[72] LALWANI, ANIL K., US  
[72] STEVENS, JAMES P., US  
[72] KYSAR, JEFFREY W., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2017-01-30  
[86] 2015-06-29 (PCT/US2015/038390)  
[87] (WO2015/200923)  
[30] US (62/018,033) 2014-06-27  
[30] US (62/052,091) 2014-09-18  
[30] US (62/151,901) 2015-04-23

---



---

**[21] 2,956,795**  
[13] A1

[51] Int.Cl. G03B 17/04 (2006.01) G02B 27/00 (2006.01) G02C 9/00 (2006.01)  
[25] EN  
[54] WEARABLE CAMERA SYSTEMS AND APPARATUS AND METHOD FOR ATTACHING CAMERA SYSTEMS OR OTHER ELECTRONIC DEVICES TO WEARABLE ARTICLES  
[54] SYSTEMES DE CAMERA VESTIMENTAIRE ET APPAREIL ET PROCEDE POUR FIXER DES SYSTEMES DE CAMERA OU D'AUTRES DISPOSITIFS ELECTRONIQUES SUR DES ARTICLES VESTIMENTAIRES

[72] ARNOLD, BOBI, US  
[72] BLUM, RONALD DAVID, US  
[72] KOKONASKI, WILLIAM, US  
[72] CLOMPUS, RICHARD, US  
[72] DANNHARDT, WALTER, US  
[72] GUPTA, AMITAVA, US  
[72] PINAZZA, MASSIMO, IT  
[72] DALLA LONGA, CLAUDIO, IT  
[71] POGOTEC, INC., US  
[85] 2017-01-30  
[86] 2015-08-03 (PCT/US2015/043490)  
[87] (WO2016/022499)  
[30] US (62/032,589) 2014-08-03  
[30] US (62/045,246) 2014-09-03  
[30] US (62/048,820) 2014-09-11  
[30] US (62/052,910) 2014-09-19  
[30] US (62/053,275) 2014-09-22  
[30] US (62/080,437) 2014-11-17  
[30] US (62/086,747) 2014-12-03  
[30] US (62/091,697) 2014-12-15  
[30] US (62/140,276) 2015-03-30  
[30] US (62/153,999) 2015-04-28  
[30] US (62/154,007) 2015-04-28

## Demandes PCT entrant en phase nationale

---

**[21] 2,956,796**

[13] A1

- [51] Int.Cl. A61B 90/30 (2016.01) A61B 18/04 (2006.01) A61B 18/12 (2006.01) H05B 37/00 (2006.01) A61B 90/20 (2016.01)
- [25] EN
- [54] ILLUMINATED ELECTROSURGICAL SYSTEM AND METHOD OF USE
- [54] SYSTEME ELECTRO-CHIRURGICAL ECLAIRE ET PROCEDE D'UTILISATION
- [72] HEGENER, JASON, US
- [72] HEIM, WARREN P., US
- [72] VAYSER, ALEX, US
- [72] WAYNE, DAVID, US
- [71] INVUITY, INC., US
- [85] 2017-01-30
- [86] 2015-08-04 (PCT/US2015/043677)
- [87] (WO2016/025251)
- [30] US (62/036,547) 2014-08-12

**[21] 2,956,797**

[13] A1

- [51] Int.Cl. G02B 6/26 (2006.01) F21V 8/00 (2006.01) G02B 6/38 (2006.01)
- [25] EN
- [54] OPTICAL FEEDTHROUGH CONNECTOR
- [54] CONNECTEUR DE TRAVERSEE OPTIQUE
- [72] ANGELEY, DAVID, US
- [72] ELLINGWOOD, BRIAN ANDREW, US
- [72] STAHLER, GREG (DECEASED), US
- [71] CIRCUIT THERAPEUTICS, INC., US
- [85] 2017-01-30
- [86] 2015-07-29 (PCT/US2015/042732)
- [87] (WO2016/019058)
- [30] US (62/030,446) 2014-07-29

**[21] 2,956,800**

[13] A1

- [51] Int.Cl. G01D 18/00 (2006.01) G01D 5/12 (2006.01) G01F 23/72 (2006.01) H01L 41/12 (2006.01)
- [25] EN
- [54] REMOVABLE MAGNETOSTRICTIVE PROBE WITH AUTOMATIC CALIBRATION
- [54] SONDE MAGNETOSTRICTIVE AMOVIBLE A ETALONNAGE AUTOMATIQUE
- [72] HAYNES, KEVIN M., US
- [72] MOORE, ERIC, US
- [72] BERRY, JAMES M., US
- [71] MAGNETROL INTERNATIONAL, INCORPORATED, US
- [85] 2017-01-30
- [86] 2015-08-06 (PCT/US2015/043931)
- [87] (WO2016/022756)
- [30] US (14/452,921) 2014-08-06

**[21] 2,956,803**

[13] A1

- [51] Int.Cl. G06F 15/16 (2006.01)
- [25] EN
- [54] WEB REDIRECTION FOR CONTENT FILTERING
- [54] REDIRECTION INTERNET POUR UN FILTRAGE DE CONTENU
- [72] MARTINI, PAUL MICHAEL, US
- [72] MARTINI, PETER ANTHONY, US
- [71] IBOSS, INC., US
- [85] 2017-01-30
- [86] 2015-07-30 (PCT/US2015/042974)
- [87] (WO2016/019175)
- [30] US (62/031,080) 2014-07-30
- [30] US (14/812,984) 2015-07-29

**[21] 2,956,804**

[13] A1

- [51] Int.Cl. A61M 16/04 (2006.01) A61M 25/00 (2006.01)
- [25] EN
- [54] PATTERNS FOR FLOW CONTROL AND BIOADHESION CONTROL
- [54] MODELES POUR LA REGULATION DU DEBIT ET LA LUTTE CONTRE LA BIOADHERENCE
- [72] MAGIN, CHELSEA MARIE, US
- [72] REDDY, SHRAVANTHI T., US
- [72] BRENNAN, ANTHONY B., US
- [72] MAY, RHEA, US
- [72] MANN, ETHAN EUGENE, US
- [72] METTETAL, MICHAEL R., US
- [71] SHARKLET TECHNOLOGIES, INC., US
- [71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
- [85] 2017-01-30
- [86] 2015-08-07 (PCT/US2015/044238)
- [87] (WO2016/022933)
- [30] US (62/034,401) 2014-08-07

**[21] 2,956,805**

[13] A1

- [51] Int.Cl. G06F 15/16 (2006.01)
- [25] EN
- [54] WEB REDIRECTION FOR CACHING
- [54] REDIRECTION WEB POUR UNE MISE EN CACHE
- [72] MARTINI, PAUL MICHAEL, US
- [72] MARTINI, PETER ANTHONY, US
- [71] IBOSS, INC., US
- [85] 2017-01-30
- [86] 2015-07-30 (PCT/US2015/042980)
- [87] (WO2016/019178)
- [30] US (62/031,080) 2014-07-30
- [30] US (14/497,167) 2014-09-25

## PCT Applications Entering the National Phase

---

**[21] 2,956,807**  
[13] A1

- [51] Int.Cl. G08G 5/02 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR CONTROLLING DRONE DELIVERY
  - [54] SYSTEME ET PROCEDE DE COMMANDE DE LIVRAISON PAR DRONE
  - [72] FARRIS, EMMETT, US
  - [72] MCGEE, WILLIAM F., II, US
  - [71] FARRIS, EMMETT, US
  - [71] MCGEE, WILLIAM F., II, US
  - [85] 2017-01-30
  - [86] 2015-07-31 (PCT/US2015/043110)
  - [87] (WO2016/019242)
  - [30] US (62/031,479) 2014-07-31
  - [30] US (14/814,501) 2015-07-30
- 

**[21] 2,956,808**  
[13] A1

- [51] Int.Cl. C12N 15/115 (2010.01) A61K 31/711 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)
- [25] EN
- [54] ANTAGONISTIC CTLA-4 APTAMERS AND APPLICATIONS THEREOF IN ENHANCING IMMUNE ACTIVITY
- [54] APTAMERES ANTAGONISTES DE CTLA-4 ET LEURS UTILISATIONS POUR RENFORCER L'ACTIVITE IMMUNITAIRE
- [72] PECK, KONAN, TW
- [72] YANG, PAN-CHYR, TW
- [72] CHANG, YI-CHUNG, TW
- [72] HUANG, BO-TSANG, TW
- [72] YEH, SHAUH-DER, TW
- [71] ACADEMIA SINICA, TW
- [71] NATIONAL TAIWAN UNIVERSITY, TW
- [71] TAIPEI MEDICAL UNIVERSITY, TW
- [85] 2017-01-30
- [86] 2015-07-31 (PCT/US2015/043133)
- [87] (WO2016/019255)
- [30] US (62/031,406) 2014-07-31

**[21] 2,956,809**  
[13] A1

- [51] Int.Cl. B01D 53/78 (2006.01) B01D 47/00 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR SEQUESTRING CONSTITUENTS AND CREATING BY PRODUCTS FROM A GAS FEED
- [54] PROCEDE POUR LA SEQUESTRATION DE CONSTITUANTS ET LA CREATION DE SOUS-PRODUITS A PARTIR D'UN COURANT GAZEUX
- [72] FLYNN, JEREMIAH, US
- [71] FLYNN, JEREMIAH, US
- [85] 2017-01-30
- [86] 2015-08-10 (PCT/US2015/044477)
- [87] (WO2016/025391)
- [30] US (62/035,450) 2014-08-10

**[21] 2,956,811**  
[13] A1

- [51] Int.Cl. G01B 21/20 (2006.01) B21D 22/00 (2006.01)
- [25] EN
- [54] LINE DISPLACEMENT EVALUATION METHOD, LINE DISPLACEMENT EVALUATION DEVICE, PROGRAM, AND RECORDING MEDIUM
- [54] PROCEDE D'EVALUATION DE DEPLACEMENT DE LIGNE, DISPOSITIF D'EVALUATION DE DEPLACEMENT DE LIGNE, PROGRAMME, ET SUPPORT D'ENREGISTREMENT
- [72] SAITO, MASAHIRO, JP
- [72] YOSHIDA, TOHRU, JP
- [71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
- [85] 2017-01-30
- [86] 2015-08-06 (PCT/JP2015/072354)
- [87] (WO2016/021685)
- [30] JP (2014-163022) 2014-08-08

**[21] 2,956,812**  
[13] A1

- [51] Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01)
- [25] EN
- [54] PROBES FOR IMPROVED MELT DISCRIMINATION AND MULTIPLEXING IN NUCLEIC ACID ASSAYS
- [54] SONDES POUR UNE DISCRIMINATION DE FUSION ET UN MULTIPLEXAGE AMELIORES DANS DES ANALYSES D'ACIDES NUCLEIQUES
- [72] JOHNSON, SCOTT C., US
- [72] ARAB, NICOLAS, US
- [72] WHITMAN, DOUG, US
- [71] LUMINEX CORPORATION, US
- [85] 2017-01-30
- [86] 2015-08-11 (PCT/US2015/044609)
- [87] (WO2016/025452)
- [30] US (62/035,783) 2014-08-11

**[21] 2,956,820**  
[13] A1

- [51] Int.Cl. C07K 14/435 (2006.01) A61K 49/00 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C07K 19/00 (2006.01) C12N 5/20 (2006.01) G01N 33/566 (2006.01)
- [25] EN
- [54] TARGETING IMMUNOTHERAPY FOR AMYLOIDOSIS
- [54] IMMUNOTHERAPIE DE CIBLAGE DE L'AMYLOIDOSE
- [72] WALL, JONATHAN S., US
- [72] KENNEL, STEPHEN J., US
- [72] FOSTER, JAMES S., US
- [71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
- [85] 2017-01-30
- [86] 2015-08-24 (PCT/US2015/046523)
- [87] (WO2016/032949)
- [30] US (62/041,888) 2014-08-26

## Demandes PCT entrant en phase nationale

---

[21] **2,956,826**  
[13] A1

[51] Int.Cl. F16D 1/033 (2006.01)  
[25] EN  
[54] TAPERED WASHER SHAFT JACKING ARRANGEMENT  
[54] AGENCEMENT DE LEVAGE D'ARBRE A RONDELLE CONIQUE  
[72] WALTZ, STEPHEN W., US  
[72] BURKELMAN, BRUCE M., US  
[72] ROBERTS, JAMES R., US  
[72] SWANSON, JOEL E., US  
[71] FLUID HANDLING LLC, US  
[85] 2017-01-30  
[86] 2015-08-03 (PCT/US2015/043437)  
[87] (WO2016/022478)  
[30] US (62/032,787) 2014-08-04

---

[21] **2,956,827**  
[13] A1

[51] Int.Cl. B61D 25/00 (2006.01)  
[25] FR  
[54] SIDE GLAZING OF A TRANSPORT MEANS HAVING AN OPENABLE WINDOW  
[54] VITRAGE LATERAL DE MOYEN DE TRANSPORT A FENETRE OUVRABLE  
[72] KLEITSCH, MICHAEL, DE  
[72] GRIGO, UWE, DE  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2017-01-30  
[86] 2015-09-17 (PCT/FR2015/052491)  
[87] (WO2016/042270)  
[30] FR (1458870) 2014-09-19

---

[21] **2,956,836**  
[13] A1

[51] Int.Cl. E21B 47/024 (2006.01) E21B 47/022 (2012.01) G01C 21/16 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR POSITION AND ORIENTATION DETECTION OF A DOWNHOLE DEVICE  
[54] SYSTEME ET PROCEDE PERMETTANT LA DETECTION DE LA POSITION ET DE L'ORIENTATION D'UN DISPOSITIF DE FOND DE PUITS  
[72] BORG, EIRIK, NO  
[71] AZIWELL AS, NO  
[85] 2017-01-30  
[86] 2015-08-14 (PCT/NO2015/050134)  
[87] (WO2016/024867)  
[30] NO (20140989) 2014-08-14

---

[21] **2,956,837**  
[13] A1

[51] Int.Cl. E21B 43/12 (2006.01) F04D 13/08 (2006.01) F04D 13/10 (2006.01)  
[25] EN  
[54] ABRASION-RESISTANT THRUST RING FOR USE WITH A DOWNHOLE ELECTRICAL SUBMERSIBLE PUMP  
[54] BAGUE DE BUTEE RESISTANT A L'ABRASION A UTILISER AVEC UNE POMPE ELECTRIQUE SUBMERSIBLE DE FOND DE TROU  
[72] ZHENG, DEZHI, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2017-01-30  
[86] 2014-10-14 (PCT/US2014/060484)  
[87] (WO2016/060649)

---

[21] **2,956,838**  
[13] A1

[51] Int.Cl. A01N 27/00 (2006.01) A01N 37/02 (2006.01) A01P 7/02 (2006.01)  
[25] EN  
[54] LIQUID SPREADING COMPOSITION WITH ECTOPARASITICIDAL ACTIVITY, A METHOD AND USE THEREOF FOR COMBATING ECTOPARASITES IN HUMAN AND VETERINARY MEDICINE, AS WELL AS IN AGRICULTURAL, HORTICULTURAL AND/OR GARDEN ENVIRONMENTS  
[54] COMPOSITION D'ETALEMENT DE LIQUIDE AYANT UNE ACTIVITE ECTOPARASITICIDE, SON PROCEDE ET SON UTILISATION POUR LUTTER CONTRE DES ECTOPARASITES EN MEDECINE HUMAINE ET VETERINAIRE, ET DANS DES ENVIRONNEMENTS AGRICOLES, HORTICOLES ET/OU DE JARDIN.  
[72] SWIETOSLAWSKI, JANUSZ, PL  
[72] GAWRON, ANNA, PL  
[72] LISZKA, DAWID, PL  
[71] ICB PHARMA SPOLKA JAWNA, PL  
[85] 2017-01-30  
[86] 2014-07-30 (PCT/PL2014/000090)  
[87] (WO2016/015104)

[21] **2,956,840**  
[13] A1

[51] Int.Cl. C12N 15/85 (2006.01) C12N 15/867 (2006.01)  
[25] EN  
[54] METHOD FOR PRODUCTION OF MODIFIED CELLS EXPRIMING HOX AND MODIFIED CELLS OBTAINED BY THE METHOD  
[54] PROCEDE POUR LA PRODUCTION DE CELLULES MODIFIEES EXPRIMANT LE GENE HOX ET CELLULES MODIFIEES OBTENUES AU MOYEN DE CE PROCEDE  
[72] DOMINICI, MASSIMO, IT  
[72] CANDINI, OLIVIA, IT  
[71] DOMINICI, MASSIMO, IT  
[71] CANDINI, OLIVIA, IT  
[85] 2017-01-30  
[86] 2015-07-30 (PCT/IB2015/055752)  
[87] (WO2016/016829)  
[30] IT (MO2014A000227) 2014-07-30

---

[21] **2,956,843**  
[13] A1

[51] Int.Cl. A62B 35/00 (2006.01)  
[25] EN  
[54] A SUPPORT DEVICE  
[54] DISPOSITIF DE SUPPORT  
[72] STIBILJ, PAUL, AU  
[71] SAS SAFETY SYSTEMS HOLDINGS PTY LTD, AU  
[85] 2017-01-30  
[86] 2015-07-31 (PCT/AU2015/050430)  
[87] (WO2016/015104)  
[30] AU (2014208260) 2014-07-31  
[30] AU (2014902968) 2014-07-31

## PCT Applications Entering the National Phase

---

**[21] 2,956,844**  
[13] A1

- [51] Int.Cl. G02B 27/18 (2006.01) G02B 26/06 (2006.01) G02B 26/08 (2006.01)
  - [25] EN
  - [54] MULTIPLE-LASER LIGHT SOURCE
  - [54] SOURCE DE LUMIERE A LASERS MULTIPLES
  - [72] MINOR, JOHANNES, CA
  - [72] DAMBERG, GERWIN, CA
  - [72] KUMARAN, RAVEEN, CA
  - [72] BALLESTAD, ANDERS, CA
  - [72] KOZAK, ERIC JAN, CA
  - [72] ROSENFELD, GIL, CA
  - [72] ELIZUR, ERAN, CA
  - [71] MTT INNOVATION INCORPORATED, CA
  - [85] 2017-01-30
  - [86] 2015-08-14 (PCT/CA2015/050778)
  - [87] (WO2016/023133)
  - [30] US (62/037,543) 2014-08-14
- 

**[21] 2,956,845**  
[13] A1

- [51] Int.Cl. H01M 2/00 (2006.01)
- [25] EN
- [54] BATTERY CELL HEAT EXCHANGER WITH GRADED HEAT TRANSFER SURFACE
- [54] ECHANGEUR DE CHALEUR D'ELEMENT DE BATTERIE DOTE D'UNE SURFACE DE TRANSFERT DE CHALEUR A GRADIENT
- [72] KENNEY, BENJAMIN A., CA
- [72] VUCENIC, NIK, CA
- [72] BARDELEBEN, MICHAEL, CA
- [71] DANA CANADA CORPORATION, CA
- [85] 2017-01-31
- [86] 2015-07-30 (PCT/CA2015/050721)
- [87] (WO2016/015156)
- [30] US (62/031,553) 2014-07-31

**[21] 2,956,846**  
[13] A1

[51] Int.Cl. A43B 11/00 (2006.01) A43C 11/00 (2006.01) A47G 25/80 (2006.01) A47G 25/90 (2006.01) A47G 25/92 (2006.01)

- [25] EN
  - [54] CLOSURE SYSTEM
  - [54] SYSTEME DE FERMETURE
  - [72] LABBE, FREDERICK, CA
  - [71] POWERLACE TECHNOLOGIES INC., CA
  - [85] 2017-01-31
  - [86] 2015-07-31 (PCT/CA2015/050727)
  - [87] (WO2016/015161)
  - [30] US (62/031,220) 2014-07-31
  - [30] US (62/060,745) 2014-10-07
- 

**[21] 2,956,847**  
[13] A1

- [51] Int.Cl. H03F 1/02 (2006.01)
- [25] EN
  - [54] POWER AMPLIFIER, RADIO REMOTE UNIT, AND BASE STATION
  - [54] AMPLIFICATEUR DE PUISSANCE, UNITE RADIO DISTANTE ET STATION DE BASE
  - [72] ZHANG, LIPENG, CN
  - [72] CAI, ZHONGHUA, CN
  - [72] LI, TING, CN
  - [72] WANG, KAIZHAN, CN
  - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
  - [85] 2017-01-31
  - [86] 2014-08-11 (PCT/CN2014/084069)
  - [87] (WO2016/023144)

**[21] 2,956,848**  
[13] A1

- [51] Int.Cl. B23P 23/04 (2006.01)
  - [25] EN
  - [54] COMBINED TYPE COMPUTER NUMERICAL CONTROL PROCESSING MACHINE AND PROCESSING METHOD THEREFOR
  - [54] MACHINE DE TRAITEMENT A COMMANDE NUMERIQUE ASSISTEE PAR ORDINATEUR DE TYPE COMBINE ET SON PROCEDE DE TRAITEMENT
  - [72] CHEN, HSINPAO, CN
  - [72] KAO, HUAIEN, CN
  - [72] LIU, ZONGSHIN, CN
  - [72] TSAI, TSUNGHSIEN, CN
  - [72] CHEN, TINGCHANG, CN
  - [72] YEN, JUIHSIUNG, CN
  - [71] TONGTAI MACHINE & TOOL CO., LTD., CN
  - [85] 2017-01-31
  - [86] 2015-03-17 (PCT/CN2015/074365)
  - [87] (WO2016/138676)
  - [30] CN (201510092502.6) 2015-03-02
- 

**[21] 2,956,849**  
[13] A1

- [51] Int.Cl. C23C 24/10 (2006.01) B23K 26/00 (2014.01) G01N 21/00 (2006.01)
- [25] EN
  - [54] LASER CLADDING TOOL HEAD AND MACHINE SURFACE SENSING METHOD THEREOF
  - [54] TETE D'OUTIL DE GAINAGE LASER ET METHODE DE DETECTION DE SURFACE MACHINE ASSOCIEE
  - [72] CHEN, HSINPAO, CN
  - [72] KAO, HUAIEN, CN
  - [72] LIU, ZONGSHIN, CN
  - [72] TSAI, TSUNGHSIEN, CN
  - [72] CHEN, TINGCHANG, CN
  - [72] YEN, JUIHSIUNG, CN
  - [71] TONGTAI MACHINE & TOOL CO., LTD., CN
  - [85] 2017-01-31
  - [86] 2015-05-06 (PCT/CN2015/078367)
  - [87] (WO2016/172992)
  - [30] CN (201510208054.1) 2015-04-28

## Demandes PCT entrant en phase nationale

---

[21] **2,956,850**

[13] A1

- [51] Int.Cl. A47L 13/17 (2006.01)
- [25] EN
- [54] **A METHOD OF MANUAL SURFACE CLEANING USING CLEANING TEXTILES AND OF WASHING SAID CLEANING TEXTILES**
- [54] **PROCEDE DE NETTOYAGE DE SURFACE MANUEL AU MOYEN DE TEXTILES DE NETTOYAGE ET DE LAVAGE DESDITS TEXTILES DE NETTOYAGE**
- [72] LEUCHTEN, ELKE, DE
- [72] HANSEN, THOMAS, DE
- [72] SCHEPERS, FREEK, DE
- [71] ECOLAB USA INC., US
- [85] 2017-01-31
- [86] 2014-08-01 (PCT/EP2014/066575)
- [87] (WO2016/015778)

[21] **2,956,851**

[13] A1

- [51] Int.Cl. B63B 21/50 (2006.01)
- [25] EN
- [54] **LOWER BEARING FOR MOORING ASSEMBLY FOR A VESSEL**
- [54] **PALIER INFERIEUR POUR ENSEMBLE D'AMARRAGE DE NAVIRE**
- [72] KRUIJT, JIMME, NL
- [71] BLUEWATER ENERGY SERVICES B.V., NL
- [85] 2017-01-31
- [86] 2014-08-05 (PCT/EP2014/066830)
- [87] (WO2016/019980)

[21] **2,956,852**

[13] A1

- [51] Int.Cl. G02B 6/44 (2006.01)
- [25] EN
- [54] **OPTICAL CABLE AND MANUFACTURING METHOD**
- [54] **CABLE OPTIQUE ET PROCEDE DE FABRICATION**
- [72] SALES CASALS, LLUIS-RAMON, IT
- [72] BONICEL, JEAN-PIERRE, IT
- [71] PRYSMIAN S.P.A., IT
- [85] 2017-01-31
- [86] 2014-08-12 (PCT/EP2014/067268)
- [87] (WO2016/023580)

[21] **2,956,865**

[13] A1

- [51] Int.Cl. G08G 1/16 (2006.01)
- [25] EN
- [54] **OBSTACLE DETECTION SYSTEM AND TRANSPORTATION VEHICLE**
- [54] **SYSTEME DE DETECTION D'OBSTACLES ET SYSTEME DE TRANSPORT**
- [72] ICHINOSE, MASANORI, JP
- [72] SATOU, TAKAYUKI, JP
- [72] ISHIMOTO, HIDEFUMI, JP
- [71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
- [85] 2017-01-30
- [86] 2015-03-03 (PCT/JP2015/056264)
- [87] (WO2016/035357)
- [30] JP (2014-180459) 2014-09-04

[21] **2,956,879**

[13] A1

- [51] Int.Cl. A61K 8/00 (2006.01)
- [25] EN
- [54] **SAFE METHOD FOR BLEACHING TEETH**
- [54] **METHODE SANS DANGER POUR LE BLANCHIMENT DES DENTS**
- [72] TENENBAUM, FABIAN, US
- [72] FLYASH, LION, IL
- [71] COLGATE-PALMOLIVE COMPANY, US
- [85] 2017-01-31
- [86] 2015-07-21 (PCT/IL2015/050748)
- [87] (WO2016/016881)
- [30] US (14/449,186) 2014-08-01

[21] **2,956,884**

[13] A1

- [51] Int.Cl. B63H 7/00 (2006.01) B63B 1/18 (2006.01) B63B 15/00 (2006.01)
- [25] EN
- [54] **HIGH SPEED TRIANGULAR SHAPED HYDROPLANING MONOHULL CRAFT WITH AIRCRAFT-LIKE CONTROL SURFACES HAVING SURFACE ADHESION HULL CHARACTERISTICS**
- [54] **EMBARCATION MONOCOQUE DE FORME TRIANGULAIRE POUR HYDROPLANAGE A GRANDE VITESSE AVEC SURFACES DE COMMANDES DE TYPE AVION PRESENTANT DES CARACTERISTIQUES DE COQUE A ADHERENCE DE SURFACE**
- [72] TAN, YU LEE, MY

[71] TAN, YU LEE, MY

[85] 2017-01-20

[86] 2015-06-25 (PCT/MY2015/050063)

[87] (WO2016/013923)

[30] MY (PI2014702018) 2014-07-23

[21] **2,956,888**

[13] A1

- [51] Int.Cl. F24F 1/00 (2011.01)
- [25] EN
- [54] **INDOOR UNIT FOR AIR CONDITIONING DEVICE**
- [54] **UNITE D'INTERIEUR POUR DISPOSITIF DE CLIMATISATION**
- [72] HAYASHI, TOMOKI, JP
- [72] KAWANORI, YUKIHIKO, JP
- [72] YAMAMOTO, KEIICHI, JP
- [71] MITSUBISHI ELECTRIC CORPORATION, JP
- [85] 2017-01-31
- [86] 2014-11-14 (PCT/JP2014/080227)
- [87] (WO2016/075817)

## PCT Applications Entering the National Phase

---

**[21] 2,956,890**

[13] A1

- [51] Int.Cl. G02B 27/18 (2006.01) G06Q 30/02 (2012.01) G06F 3/0488 (2013.01) A47F 3/00 (2006.01) G02B 27/10 (2006.01) G06F 3/048 (2013.01) G06Q 20/00 (2012.01)
  - [25] EN
  - [54] HYBRID-IMAGE DISPLAY DEVICE
  - [54] DISPOSITIF D'AFFICHAGE D'IMAGES HYBRIDES
  - [72] FOSTER, NEIL ANDREW, CA
  - [72] MARDON, GREGORY SCOTT, CA
  - [71] FOSTER, NEIL ANDREW, CA
  - [71] MARDON, GREGORY SCOTT, CA
  - [85] 2017-01-31
  - [86] 2016-05-13 (PCT/IB2016/052802)
  - [87] (WO2016/189413)
  - [30] US (62/167,113) 2015-05-27
- 

**[21] 2,956,891**

[13] A1

- [51] Int.Cl. C01G 45/12 (2006.01) C02F 1/50 (2006.01) C02F 1/72 (2006.01) C02F 1/78 (2006.01)
- [25] EN
- [54] WATER CONTAINING PERMANGANATE IONS AND METHOD FOR PRODUCING THE SAME
- [54] EAU A TENEUR EN IONS PERMANGANATE, ET PROCEDE DE FABRICATION DE CELLE-CI
- [72] TAKAHASHI, MASAYOSHI, JP
- [71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
- [85] 2017-01-31
- [86] 2015-08-01 (PCT/JP2015/071895)
- [87] (WO2016/017820)
- [30] JP (2014-158262) 2014-08-01

**[21] 2,956,892**

[13] A1

- [51] Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/16 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)
  - [25] EN
  - [54] NON-ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREOF
  - [54] TOLE D'ACIER ELECTROMAGNETIQUE NON ORIENTE ET SON PROCEDE DE FABRICATION
  - [72] NAKANISHI, TADASHI, JP
  - [72] NAKAJIMA, HIROAKI, JP
  - [72] OKUBO, TOMOYUKI, JP
  - [72] ODA, YOSHIHIKO, JP
  - [71] JFE STEEL CORPORATION, JP
  - [85] 2017-01-31
  - [86] 2015-08-13 (PCT/JP2015/004046)
  - [87] (WO2016/027445)
  - [30] JP (2014-168691) 2014-08-21
- 

**[21] 2,956,893**

[13] A1

- [51] Int.Cl. G01R 35/00 (2006.01) G01R 33/02 (2006.01)
- [25] EN
- [54] CALIBRATION OF SENSITIVITY AND AXIAL ORTHOGONALITY FOR MAGNETOMETERS
- [54] ETALONNAGE DE SENSIBILITE ET ORTHOGONALITE AXIALE POUR MAGNETOMETRES
- [72] LI, WENQUAN, US
- [72] BESTE, RANDAL THOMAS, US
- [72] HENSARLING, JESSE KEVIN, US
- [72] ROBERSON, BRIAN, US
- [72] FARRAH, JOHN HARRISON, US
- [72] VU, TONY, US
- [71] HALLIBURTON ENERGY SERVICES, INC., US
- [85] 2017-01-31
- [86] 2015-05-19 (PCT/US2015/031562)
- [87] (WO2016/022192)
- [30] US (62/034,999) 2014-08-08

**[21] 2,956,894**

[13] A1

- [51] Int.Cl. C02F 1/78 (2006.01) C01B 13/00 (2006.01) C01B 13/10 (2006.01)
  - [25] EN
  - [54] OZONE WATER AND METHOD FOR PRODUCING THE SAME
  - [54] EAU TRAITEE A L'OZONE, ET PROCEDE DE FABRICATION DE CELLE-CI
  - [72] TAKAHASHI, MASAYOSHI, JP
  - [71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
  - [85] 2017-01-31
  - [86] 2015-08-01 (PCT/JP2015/071896)
  - [87] (WO2016/017821)
  - [30] JP (2014-158263) 2014-08-01
- 

**[21] 2,956,896**

[13] A1

- [51] Int.Cl. A63J 25/00 (2009.01) A47C 1/12 (2006.01)
  - [25] EN
  - [54] SCENT-GENERATING APPARATUS AND SPECIAL-EFFECT EXPERIENTIAL CHAIR EQUIPPED WITH SAME
  - [54] APPAREIL DE GENERATION DE PARFUM ET CHAISE EXPERIMENTALE A EFFETS SPECIAUX EQUIPEE DE CELUI-CI
  - [72] KIM, HYEONG MIN, KR
  - [72] JEON, HO YOUNG, KR
  - [71] CJ 4DPLEX CO., LTD, KR
  - [85] 2017-01-31
  - [86] 2015-07-31 (PCT/KR2015/008061)
  - [87] (WO2016/018127)
  - [30] KR (10-2014-0098938) 2014-08-01
- 

**[21] 2,956,897**

[13] A1

- [51] Int.Cl. A61K 31/18 (2006.01)
- [25] EN
- [54] FIXED DOSE COMBINATION FOR PAIN RELIEF WITHOUT EDEMA
- [54] COMBINAISON A DOSE FIXE UTILISABLE EN VUE DU TRAITEMENT DE LA DOULEUR ET N'INDUISANT PAS D'EDEME
- [72] TRIEU, VUONG, US
- [71] AUTOTELIC LLC, US
- [85] 2017-01-31
- [86] 2015-06-08 (PCT/US2015/034706)
- [87] (WO2015/191460)
- [30] US (62/009,300) 2014-06-08
- [30] US (62/023,962) 2014-07-14
- [30] US (PCT/US2015/011148) 2015-01-13

## Demandes PCT entrant en phase nationale

---

**[21] 2,956,898**

[13] A1

[51] Int.Cl. B60P 7/02 (2006.01)

[25] EN

[54] RETRACTABLE TRUCK BED COVER HAVING SLAT ARRAY WITH FLEXIBLE JOINER MEMBERS AND SHIELDED SEAMS

[54] REVETEMENT RETRACTABLE DE PLATE-FORME DE CAMION AYANT UN RESEAU DE LATTES AVEC DES ELEMENTS D'ASSEMBLAGE FLEXIBLES ET DES JOINTS PROTEGES

[72] BERNARDO, RICHARD GREGORY, US

[72] BERNARDO, BRANDON GREGORY, US

[71] ROLL-N-LOCK CORPORATION, US

[85] 2017-01-31

[86] 2014-10-28 (PCT/US2014/062512)

[87] (WO2016/022164)

[30] US (14/450,616) 2014-08-04

---

**[21] 2,956,899**

[13] A1

[51] Int.Cl. A61K 31/18 (2006.01)

[25] EN

[54] FIXED DOSE COMBINATION FOR PAIN RELIEF WITHOUT EDEMA

[54] COMBINAISON A DOSE FIXE UTILISABLE EN VUE DU SOULAGEMENT DE LA DOULEUR ET N'INDUISANT PAS D'EDEME

[72] TRIEU, VUONG, US

[71] AUTOTELIC LLC, US

[85] 2017-01-31

[86] 2015-06-08 (PCT/US2015/034738)

[87] (WO2015/191473)

[30] US (62/009,300) 2014-06-08

[30] US (62/023,962) 2014-07-14

[30] US (PCT/US2015/011148) 2015-01-13

---

**[21] 2,956,902**

[13] A1

[51] Int.Cl. A61J 1/14 (2006.01) B65D 25/08 (2006.01)

[25] EN

[54] DUAL-CHAMBER PACK

[54] EMBALLAGE A DOUBLE CHAMBRE

[72] MITTAL, BHUPESH KUMAR, IN

[72] PARDAL, NEHA, IN

[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN

[85] 2017-01-30

[86] 2015-07-30 (PCT/IB2015/055780)

[87] (WO2016/016845)

[30] IN (2149/DEL/2014) 2014-07-30

---

**[21] 2,956,910**

[13] A1

[51] Int.Cl. E21B 33/03 (2006.01) E21B 33/04 (2006.01) E21B 33/068 (2006.01)

[25] EN

[54] SYSTEM FOR SETTING AND RETRIEVING A SEAL ASSEMBLY

[54] SYSTEME DE MISE EN PLACE ET DE RECUPERATION D'UN ENSEMBLE D'ETANCHEITE

[72] NGUYEN, DENNIS P., US

[72] VORDERKUNZ, KRISTIN, US

[72] PEI, FRANK Z., US

[71] CAMERON INTERNATIONAL CORPORATION, US

[85] 2017-01-31

[86] 2015-07-13 (PCT/US2015/040188)

[87] (WO2016/018605)

[30] US (14/449,830) 2014-08-01

---

**[21] 2,956,911**

[13] A1

[51] Int.Cl. E21B 33/04 (2006.01)

[25] EN

[54] HANGER RUNNING TOOL

[54] OUTIL DE POSE DE DISPOSITIFS DE SUSPENSION

[72] NGUYEN, DENNIS P., US

[72] VORDERKUNZ, KRISTIN, US

[71] CAMERON INTERNATIONAL CORPORATION, US

[85] 2017-01-31

[86] 2015-07-13 (PCT/US2015/040190)

[87] (WO2016/018606)

[30] US (14/449,971) 2014-08-01

---

**[21] 2,956,919**

[13] A1

[51] Int.Cl. A61K 31/352 (2006.01)

[25] EN

[54] METHOD FOR TREATING RADIOTHERAPY-AND-CHEMOTHERAPY ASSOCIATED COGNITIVE OR EMOTIONAL IMPAIRMENT WITH CANNABINOIDS

[54] METHODE DE TRAITEMENT DE TROUBLES COGNITIFS OU EMOTIONNELS ASSOCIES A LA RADIOTHERAPIE OU LA CHIMIOTHERAPIE AU MOYEN DE CANNABINOIDES

[72] SAWYER, KENNETH I., US

[72] CHANG, WEI-WEI, US

[71] GLIA, LLC, US

[85] 2017-01-31

[86] 2015-07-20 (PCT/US2015/041156)

[87] (WO2016/014419)

[30] US (62/026,887) 2014-07-21

---

**[21] 2,956,921**

[13] A1

[51] Int.Cl. F41B 11/50 (2013.01) F41B 11/57 (2013.01) F41B 11/721 (2013.01)

[25] EN

[54] MAGNETICALLY-CHAMBERED FULLY AUTOMATIC AIR GUN

[54] PISTOLET A AIR COMPLETEMENT AUTOMATIQUE A CHAMBRE MAGNETIQUE

[72] MARSHALL, JAMES NICHOLAS, US

[71] MARSHALL, JAMES NICHOLAS, US

[85] 2017-01-31

[86] 2015-07-27 (PCT/US2015/042197)

[87] (WO2016/018790)

[30] US (14/449,550) 2014-08-01

## PCT Applications Entering the National Phase

---

**[21] 2,956,924**  
[13] A1

- [51] Int.Cl. C07K 1/16 (2006.01) C12M 3/06 (2006.01)
  - [25] EN
  - [54] MICROSCALE BIOPROCESSING SYSTEM AND METHOD FOR PROTEIN MANUFACTURING FROM HUMAN BLOOD
  - [54] SYSTEME ET PROCEDE DE BIOTRANSFORMATION A L'ECHELLE MICROMETRIQUE POUR LA PRODUCTION DE PROTEINES A PARTIR DU SANG HUMAIN
  - [72] RAO, GOVIND, US
  - [72] KOSTOV, YORDAN, US
  - [72] TOLOSA, LEAH, US
  - [72] TRAN, KEVIN, US
  - [72] PILLI, MANOHAR, US
  - [72] TOLOSA, MICHAEL, US
  - [72] GURRAMKONDA, CHANDRASHEKAR, US
  - [71] RAO, GOVIND, US
  - [71] KOSTOV, YORDAN, US
  - [71] TOLOSA, LEAH, US
  - [71] TRAN, KEVIN, US
  - [71] PILLI, MANOHAR, US
  - [71] TOLOSA, MICHAEL, US
  - [71] GURRAMKONDA, CHANDRASHEKAR, US
  - [85] 2017-01-31
  - [86] 2015-07-31 (PCT/US2015/043314)
  - [87] (WO2016/019350)
  - [30] US (62/031,484) 2014-07-31
- 

**[21] 2,956,925**  
[13] A1

- [51] Int.Cl. C12N 15/11 (2006.01)
  - [25] EN
  - [54] TAGGING NUCLEIC ACIDS FOR SEQUENCE ASSEMBLY
  - [54] MARQUAGE D'ACIDES NUCLEIQUES POUR L'ASSEMBLAGE DE SEQUENCES
  - [72] FIELDS, ANDREW, US
  - [72] HARTLEY, PAUL, US
  - [72] PUTNAM, NICHOLAS, US
  - [72] RICE, BRANDON, US
  - [72] STITES, JONATHAN, US
  - [71] DOVETAIL GENOMICS, LLC, US
  - [85] 2017-01-31
  - [86] 2015-07-31 (PCT/US2015/043327)
  - [87] (WO2016/019360)
  - [30] US (62/032,181) 2014-08-01
  - [30] US (62/032,166) 2014-08-01
  - [30] US (62/032,139) 2014-08-01
  - [30] US (62/032,221) 2014-08-01
- 

**[21] 2,956,926**  
[13] A1

- [51] Int.Cl. G01N 27/414 (2006.01) G01N 27/333 (2006.01)
  - [25] EN
  - [54] REAL-TIME DETECTION OF WATER CONTAMINANTS
  - [54] DETECTION EN TEMPS REEL DE CONTAMINANTS DE L'EAU
  - [72] CHEN, JUNHONG, US
  - [72] CHANG, JINGBO, US
  - [71] UWM RESEARCH FOUNDATION, INC., US
  - [85] 2017-01-31
  - [86] 2015-08-03 (PCT/US2015/043449)
  - [87] (WO2016/019381)
  - [30] US (62/032,280) 2014-08-01
- 

**[21] 2,956,927**  
[13] A1

- [51] Int.Cl. A61B 17/84 (2006.01) A61B 17/68 (2006.01) A61F 2/46 (2006.01)
  - [25] EN
  - [54] WOVEN RETENTION DEVICES, SYSTEMS AND METHODS
  - [54] DISPOSITIFS DE RETENTION TISSÉS, SYSTEMES ET PROCÉDÉS
  - [72] MCDONNELL, CHRISTOPHER, US
  - [71] WOVEN ORTHOPEDIC TECHNOLOGIES, LLC, US
  - [85] 2017-01-31
  - [86] 2015-08-03 (PCT/US2015/043471)
  - [87] (WO2016/022491)
  - [30] US (62/033,455) 2014-08-05
  - [30] US (14/569,542) 2014-12-12
- 

**[21] 2,956,935**  
[13] A1

- [51] Int.Cl. A61K 8/43 (2006.01) A61K 8/04 (2006.01) A61K 8/34 (2006.01) A61K 8/41 (2006.01) A61K 8/67 (2006.01) A61K 8/81 (2006.01) A61Q 19/00 (2006.01)
  - [25] EN
  - [54] ANTIMICROBIAL FOAMING COMPOSITIONS CONTAINING CATIONIC ACTIVE INGREDIENTS
  - [54] COMPOSITIONS MOUSSANTES ANTIMICROBIENNES CONTENANT DES PRINCIPES ACTIFS CATIONIQUES
  - [72] EMIRU, HILINA, US
  - [72] LITTAU, CHERYL A., US
  - [72] WEGNER, JOSEPH R., US
  - [72] PEDERSEN, DANIEL E., US
  - [72] LE, MAI, US
  - [72] WESSINGER, AMANDA L., US
  - [71] ECOLAB USA INC, US
  - [85] 2017-01-31
  - [86] 2015-07-30 (PCT/US2015/042969)
  - [87] (WO2016/019174)
  - [30] US (14/449,895) 2014-08-01
- 

**[21] 2,956,943**  
[13] A1

- [51] Int.Cl. H02K 21/12 (2006.01) H02N 15/00 (2006.01)
- [25] EN
- [54] MAGNETIC LEVITATION ELECTRICAL GENERATOR
- [54] GENERATEUR ELECTRIQUE A LEVITATION MAGNETIQUE
- [72] LETTS, RYAN, US
- [71] LETTS, RYAN, US
- [85] 2017-01-31
- [86] 2015-07-31 (PCT/US2015/043067)
- [87] (WO2016/019221)
- [30] US (62/031,878) 2014-08-01
- [30] US (14/814,600) 2015-07-31

## Demandes PCT entrant en phase nationale

---

[21] **2,956,945**

[13] A1

[51] Int.Cl. A61B 5/04 (2006.01)

[25] EN

[54] MODULAR PHYSIOLOGIC MONITORING SYSTEMS, KITS, AND METHODS

[54] SYSTEMES, TROUSSES ET PROCEDES DE SURVEILLANCE PHYSIOLOGIQUE MODULAIRE

[72] TOTH, LANDY, US

[72] SCHWARTZ, ROBERT, US

[71] TRICORD HOLDINGS, L.L.C., US

[85] 2017-01-31

[86] 2015-07-31 (PCT/US2015/043123)

[87] (WO2016/019250)

[30] US (62/032,515) 2014-08-01

[30] US (62/032,565) 2014-08-02

---

[21] **2,956,949**

[13] A1

[51] Int.Cl. H04M 1/04 (2006.01)

[25] EN

[54] APPARATUS TO ASSIST A USER WITH HOLDING A MOBILE DEVICE

[54] APPAREIL POUR AIDER UN UTILISATEUR A TENIR UN DISPOSITIF MOBILE

[72] HIRSCH, ALLEN, US

[71] HIRSCH, ALLEN, US

[85] 2017-01-31

[86] 2015-07-31 (PCT/US2015/043136)

[87] (WO2016/019256)

[30] US (14/449,858) 2014-08-01

---

[21] **2,956,951**

[13] A1

[51] Int.Cl. G06Q 50/02 (2012.01) E21B 47/00 (2012.01) G06F 9/455 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR SIMULATING A HYDROCARBON FIELD USING A MULTI-POINT WELL CONNECTION METHOD

[54] PROCEDES ET SYSTEMES POUR LA SIMULATION D'UN CHAMP D'HYDROCARBURES A L'AIDE D'UN PROCEDE DE CONNEXION DE PUITS MULTI-POINT

[72] PECHER, RADEK, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2017-01-31

[86] 2015-07-31 (PCT/US2015/043223)

[87] (WO2016/019302)

[30] US (62/031,923) 2014-08-01

---

[21] **2,956,952**

[13] A1

[51] Int.Cl. A01G 31/00 (2006.01) A01G 9/20 (2006.01) A01G 9/24 (2006.01) A01G 29/00 (2006.01) A01G 31/06 (2006.01)

[25] EN

[54] GROWING SYSTEM

[54] SYSTEME DE CULTURE

[72] ANDERSON, DANA, US

[72] CARRIERE, RAYMOND, US

[72] LAGRO, DANIEL, US

[71] LIVING GREENS FARM, INC., US

[85] 2017-01-31

[86] 2015-07-31 (PCT/US2015/043277)

[87] (WO2016/019330)

[30] US (62/031,668) 2014-07-31

[30] US (62/032,452) 2014-08-01

[30] US (62/050,075) 2014-09-12

[30] US (62/174,940) 2015-06-12

---

[21] **2,956,957**

[13] A1

[51] Int.Cl. H04J 4/00 (2006.01)

[25] EN

[54] DYNAMIC CONFIGURATION OF A FLEXIBLE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PHY TRANSPORT DATA FRAME

[54] CONFIGURATION DYNAMIQUE D'UNE TRAME FLEXIBLE DE DONNEES DE TRANSPORT/PHY A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE

[72] SIMON, MICHAEL J., US

[72] SHELBY, KEVIN A., US

[72] EARNSHAW, MARK, CA

[71] ONE MEDIA, LLC, US

[85] 2017-01-31

[86] 2015-08-07 (PCT/US2015/044290)

[87] (WO2016/022962)

[30] US (62/034,583) 2014-08-07

---

[21] **2,956,958**

[13] A1

[51] Int.Cl. A61F 2/00 (2006.01)

[25] EN

[54] HYBRID SURGICAL MESH

[54] MAILLE CHIRURGICALE HYBRIDE

[72] MOROZOV, VADIM, US

[71] UNIVERSITY OF MARYLAND, BALTIMORE, US

[85] 2017-01-31

[86] 2015-08-07 (PCT/US2015/044299)

[87] (WO2016/022968)

[30] US (62/034,249) 2014-08-07

---

[21] **2,956,959**

[13] A1

[51] Int.Cl. B01J 20/32 (2006.01) B01D 53/66 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS FOR REDUCING ATMOSPHERIC OZONE LEVELS

[54] COMPOSITIONS ET PROCEDES POUR REDUIRE LES TENEURS EN OZONE ATMOSPHERIQUE

[72] DUKE, CHRISTOPHER, US

[71] AIR CROSS, INC., US

[71] DUKE, CHRISTOPHER, US

[85] 2017-01-31

[86] 2015-08-08 (PCT/US2015/044388)

[87] (WO2016/023015)

[30] US (62/034,864) 2014-08-08

---

## PCT Applications Entering the National Phase

---

**[21] 2,956,960**  
[13] A1

- [51] Int.Cl. A61K 31/05 (2006.01) A61K 31/661 (2006.01) A61K 47/08 (2006.01) A61K 47/24 (2006.01)
  - [25] EN
  - [54] ORAL COMPOSITION FOR DELIVERY OF DRUGS AND OTHER SUBSTANCES
  - [54] COMPOSITION ORALE POUR UNE ADMINISTRATION DE MEDICAMENTS ET D'AUTRES SUBSTANCES
  - [72] SHAW, WALTER, US
  - [72] BURGESS, STEPHEN W., US
  - [72] LI, SHENG RONG, US
  - [71] AVANTI POLAR LIPIDS, INC., US
  - [85] 2017-01-31
  - [86] 2015-08-10 (PCT/US2015/044501)
  - [87] (WO2016/025401)
  - [30] US (62/035,393) 2014-08-09
- 

**[21] 2,956,962**  
[13] A1

- [51] Int.Cl. A61K 31/711 (2006.01) A61K 31/708 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] COMBINATION THERAPY FOR TREATING CANCER
- [54] POLYTHERAPIE POUR LE TRAITEMENT DU CANCER
- [72] KLAUS, CHRISTINE, US
- [72] RAIMONDI, MARIA, ALEJANDRA, US
- [72] DAIGLE, SCOTT, RICHARD, US
- [72] POLLOCK, ROY, MACFARLANE, US
- [72] CHOPRA, VIVEK, US
- [71] EPIZYME, INC., US
- [71] CELGENE CORPORATION, US
- [85] 2017-01-31
- [86] 2015-08-12 (PCT/US2015/044912)
- [87] (WO2016/025635)
- [30] US (62/037,058) 2014-08-13
- [30] US (62/051,890) 2014-09-17
- [30] US (62/088,498) 2014-12-05
- [30] US (62/112,086) 2015-02-04
- [30] US (62/165,169) 2015-05-21
- [30] US (62/203,285) 2015-08-10

**[21] 2,956,965**  
[13] A1

- [51] Int.Cl. E21B 43/30 (2006.01) E21B 7/00 (2006.01) E21B 43/00 (2006.01) E21C 41/18 (2006.01) E21F 7/00 (2006.01) E21F 16/00 (2006.01)
  - [25] EN
  - [54] A WELL SYSTEM
  - [54] SYSTEME DE PUITS
  - [72] CONNELL, CHRISTOPHER JAMES, AU
  - [71] CONNELL, CHRISTOPHER JAMES, AU
  - [85] 2017-02-01
  - [86] 2015-07-23 (PCT/AU2015/050415)
  - [87] (WO2016/019427)
  - [30] AU (2014903009) 2014-08-04
- 

**[21] 2,956,967**  
[13] A1

- [51] Int.Cl. A44C 25/00 (2006.01)
- [25] EN
- [54] ACCESSORIES WITH SLIDING KEEPSAKES
- [54] ACCESSOIRES A ARTICLES-SOUVENIRS COULISSANTS
- [72] HARRIS, BLYTHE ELIZABETH, US
- [72] MACAULAY, CHARLOTTE VALERIE, US
- [72] GUPTA, RAHUL, US
- [72] HERRIN, JESSICA, US
- [71] STELLA & DOT LLC, US
- [85] 2017-01-31
- [86] 2015-08-13 (PCT/US2015/045066)
- [87] (WO2016/028602)
- [30] US (62/040,360) 2014-08-21

**[21] 2,956,968**  
[13] A1

- [51] Int.Cl. B01D 59/26 (2006.01) G21G 1/10 (2006.01) H05H 6/00 (2006.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR METALLIC ISOTOPE SEPARATION BY A COMBINED THERMAL-VACUUM DISTILLATION PROCESS
  - [54] SYSTEME ET PROCEDE POUR LA SEPARATION D'ISOTOPE METALLIQUE PAR UN PROCESSUS DE DISTILLATION THERMIQUE-SOUS VIDE COMBINE
  - [72] GELBART, WILLIAM Z., CA
  - [72] JOHNSON, RICHARD RAY, CA
  - [72] MATEI, LIDIA, CA
  - [72] MCRAE, GLENN, CA
  - [72] ABEYSEKERA, BRIAN, CA
  - [71] BEST THERATRONICS LTD., CA
  - [85] 2017-02-01
  - [86] 2015-08-07 (PCT/CA2015/050748)
  - [87] (WO2016/023112)
  - [30] US (62/035,589) 2014-08-11
- 

**[21] 2,956,970**  
[13] A1

- [51] Int.Cl. B41M 5/00 (2006.01)
- [25] EN
- [54] SELF-FOAMING HOT MELT ADHESIVE COMPOSITIONS AND METHODS OF MAKING AND USING SAME
- [54] COMPOSITIONS ADHESIVES THERMOFUSIBLES AUTO-EXPANSIVES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION
- [72] STUMPHAUZER, WILLIAM C., US
- [71] STUMPHAUZER, WILLIAM C., US
- [85] 2017-01-31
- [86] 2015-08-17 (PCT/US2015/045566)
- [87] (WO2016/028708)
- [30] US (62/038,321) 2014-08-17

## Demandes PCT entrant en phase nationale

---

**[21] 2,956,973**  
[13] A1

- [51] Int.Cl. A61B 5/153 (2006.01)
  - [25] EN
  - [54] SYSTEMS AND METHODS FOR PHLEBOTOMY THROUGH A PERIPHERAL IV CATHETER
  - [54] SYSTEMES ET PROCEDES DE PHLEBOTOMIE PAR UN CATHETER INTRAVEINEUX PERIPHERIQUE
  - [72] DEVGON, PITAMBER, US
  - [72] BRIGANTI, RICHARD THOMAS, US
  - [72] CASSIDY, KENNETH TODD, US
  - [72] LEVINE, MARC-ALAN, US
  - [72] MARTEL, MARK, US
  - [71] VELANO VASCULAR, INC., US
  - [85] 2017-01-31
  - [86] 2015-08-26 (PCT/US2015/046863)
  - [87] (WO2016/033143)
  - [30] US (14/468,826) 2014-08-26
- 

**[21] 2,956,974**  
[13] A1

- [51] Int.Cl. H05H 6/00 (2006.01) G21G 1/10 (2006.01) G21K 5/08 (2006.01)
- [25] EN
- [54] TARGET, APPARATUS AND PROCESS FOR THE MANUFACTURE OF MOLYBDENUM-100 TARGETS
- [54] CIBLE, ET APPAREIL ET PROCEDE DE FABRICATION DE CIBLES EN MOLYBDENE 100
- [72] GELBART, WILLIAM Z., CA
- [72] JOHNSON, RICHARD RAY, CA
- [72] MATEI, LIDIA, CA
- [72] MCRAE, GLENN, CA
- [72] ABEYSEKERA, BRIAN, CA
- [71] BEST THERATRONICS LTD., CA
- [85] 2017-02-01
- [86] 2015-08-07 (PCT/CA2015/050751)
- [87] (WO2016/023113)
- [30] US (62/035,589) 2014-08-11

**[21] 2,956,977**  
[13] A1

- [51] Int.Cl. H04W 52/16 (2009.01)
  - [25] EN
  - [54] POWER CONTROL METHOD, COMMUNICATIONS SYSTEM, AND RELATED DEVICE
  - [54] PROCEDE DE COMMANDE DE PUISSANCE, SYSTEME DE COMMUNICATION ET DISPOSITIF ASSOCIE
  - [72] ZHANG, TAO, CN
  - [72] LIN, BO, CN
  - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
  - [85] 2017-02-01
  - [86] 2014-08-07 (PCT/CN2014/083901)
  - [87] (WO2016/019551)
- 

**[21] 2,956,980**  
[13] A1

- [51] Int.Cl. C07H 17/04 (2006.01) A61K 31/7048 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01) A61P 31/22 (2006.01) C07H 1/00 (2006.01)
- [25] EN
- [54] THE CHEMICAL SYNTHESIS METHOD OF PHILLYRIN
- [54] PROCEDE DE SYNTHESE CHIMIQUE DE LA PHILLYRINE
- [72] FU, LI, CN
- [72] FAN, HONGYU, CN
- [71] FU, LI, CN
- [85] 2017-02-01
- [86] 2014-12-23 (PCT/CN2014/094656)
- [87] (WO2016/019682)
- [30] CN (201410386621.8) 2014-08-07

**[21] 2,956,982**  
[13] A1

- [51] Int.Cl. C07D 493/04 (2006.01) A61K 31/34 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01)
  - [25] EN
  - [54] PHILLYGENIN IBUPROFEN ESTER, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
  - [54] ESTER D'IBUPROFENE DE PHILLYGENINE, SA METHODE DE PREPARATION, ET SES APPLICATIONS
  - [72] FU, LI, CN
  - [72] FAN, HONGYU, CN
  - [72] WANG, SHUO, CN
  - [71] FU, LI, CN
  - [85] 2017-02-01
  - [86] 2014-12-23 (PCT/CN2014/094693)
  - [87] (WO2016/019683)
  - [30] CN (201410387045.9) 2014-08-07
- 

**[21] 2,956,987**  
[13] A1

- [51] Int.Cl. A61K 35/28 (2015.01) C12N 5/0775 (2010.01) C07K 14/52 (2006.01) C12N 5/10 (2006.01) A61K 35/12 (2015.01)
- [25] EN
- [54] GENETICALLY MODIFIED MESENCHYMAL STEM CELLS EXPRESSING AN IMMUNE RESPONSE-STIMULATING CYTOKINE TO ATTRACT AND/OR ACTIVATE IMMUNE CELLS
- [54] CELLULES SOUCHE MESENCHYMATEUSES GENETIQUEMENT MODIFIEES EXPRIMANT UNE CYTOKINE STIMULANT UNE REONSE IMMUNITAIRE POUR ATTIRER ET/OU ACTIVER LES CELLULES IMMUNITAIRES
- [72] GUNTHER, CHRISTINE, DE
- [72] THEOHARIS, STEFANOS, DE
- [72] HERMANN, FELIX, DE
- [72] HUSS, RALF, DE
- [71] APCETH GMBH & CO. KG, DE
- [85] 2017-02-01
- [86] 2015-08-18 (PCT/EP2015/068942)
- [87] (WO2016/026854)
- [30] EP (14181283.4) 2014-08-18

## PCT Applications Entering the National Phase

|   |   |  |
|---|---|--|
| <p style="text-align: right;"><b>[21] 2,956,988</b><br/>[13] A1</p> <p>[51] Int.Cl. A61K 31/7048 (2006.01) A61K 31/34 (2006.01) A61P 31/16 (2006.01) A61P 31/22 (2006.01)</p> <p>[25] EN</p> <p>[54] APPLICATION OF A PHILLYRIN/PHILLYGENIN COMPOSITION IN PREPARING A MEDICINE OR HEALTH CARE PRODUCT FOR ALLEVIATING OR/AND TREATING VIRAL DISEASES, AND MEDICINE OR HEALTH CARE PRODUCT FOR TREATING VIRAL DISEASES</p> <p>[54] APPLICATIONS DE COMPOSITION DE PHILLYRINE/PHILLYGENINE POUR LA PREPARATION DE MEDICAMENTS OU DE PRODUITS DE SOINS POUR SOULAGER ET/OU TRAITER DES MALADIES VIRALES</p> <p>[72] FU, LI, CN<br/>[72] LU, MINGMING, CN<br/>[72] FU, QIANG, CN<br/>[72] WANG, KAIQIAN, CN<br/>[72] HUI, MIN, CN<br/>[72] LIU, ZHENGXIAN, CN<br/>[72] LIU, YANG, CN<br/>[72] WANG, SHUO, CN<br/>[72] QU, HONGYING, CN<br/>[72] YU, XIAOJING, CN<br/>[72] WANG, HAILING, CN<br/>[72] GAI, XIN, CN<br/>[71] FU, LI, CN<br/>[85] 2017-02-01<br/>[86] 2014-12-23 (PCT/CN2014/094710)<br/>[87] (WO2016/019684)<br/>[30] CN (201410389232.0) 2014-08-07</p> <hr/> <p style="text-align: right;"><b>[21] 2,956,995</b><br/>[13] A1</p> <p>[51] Int.Cl. F17C 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] HIGH-PRESSURE TANK AND METHOD FOR MANUFACTURING HIGH-PRESSURE TANK</p> <p>[54] RESERVOIR A HAUTE PRESSION ET PROCEDE DE FABRICATION DE RESERVOIR A HAUTE PRESSION</p> <p>[72] TAKEMOTO, SHINICHIROU, JP<br/>[71] NISSAN MOTOR CO., LTD., JP<br/>[85] 2017-02-01<br/>[86] 2014-08-04 (PCT/JP2014/070490)<br/>[87] (WO2016/020972)</p> | <p style="text-align: right;"><b>[21] 2,956,997</b><br/>[13] A1</p> <p>[51] Int.Cl. C12N 15/861 (2006.01) A61K 39/112 (2006.01) A61K 39/12 (2006.01) A61K 39/145 (2006.01) A61K 39/215 (2006.01) A61K 39/245 (2006.01)</p> <p>[25] EN</p> <p>[54] VACCINE IN THE FORM OF A RECOMBINANT SERO TYPE 9 AVIAN ADENOVIRUS VECTOR</p> <p>[54] VACCIN DANS UN VECTEUR RECOMBINANT D'ADENOVIRUS AVIAIRE DE SEROTYPE 9</p> <p>[72] LOZANO-DUBERNARD, BERNARDO, MX<br/>[72] SOTO-PRIANTE, ERNESTO, MX<br/>[72] SARFATI-MIZRAHI, DAVID, MX<br/>[71] GRUPO INDUSTRIAL PECUARIO, S.A. DE C.V., MX<br/>[85] 2017-02-01<br/>[86] 2015-08-06 (PCT/IB2015/055994)<br/>[87] (WO2016/020885)<br/>[30] IB (PCT/IB2014/063809) 2014-08-08</p> <hr/> <p style="text-align: right;"><b>[21] 2,956,998</b><br/>[13] A1</p> <p>[51] Int.Cl. H04W 24/02 (2009.01) H04W 72/06 (2009.01)</p> <p>[25] EN</p> <p>[54] METHOD OF OPERATING A SELF ORGANIZING NETWORK AND SYSTEM THEREOF</p> <p>[54] PROCEDE DE FONCTIONNEMENT D'UN RESEAU AUTO-ORGANISEUR ET SYSTEME ASSOCIE</p> <p>[72] DRIBINSKI, DANIEL, IL<br/>[72] FINKEL, EVGENY, IL<br/>[72] EDELSTEIN, SERGEI, IL<br/>[71] CELLWISE WIRELESS TECHNOLOGIES LTD., IL<br/>[85] 2017-02-01<br/>[86] 2015-07-29 (PCT/IL2015/050780)<br/>[87] (WO2016/020917)<br/>[30] IL (234002) 2014-08-07</p> | <p style="text-align: right;"><b>[21] 2,957,000</b><br/>[13] A1</p> <p>[51] Int.Cl. C12N 5/071 (2010.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR PROLIFERATION OF PANCREATIC PROGENITOR CELLS</p> <p>[54] PROCEDE DE MULTIPLICATION DE CELLULES PROGENITRICES PANCREATIQUES</p> <p>[72] KUNISADA, YUYA, JP<br/>[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP<br/>[85] 2017-02-01<br/>[86] 2015-08-03 (PCT/JP2015/072591)<br/>[87] (WO2016/021734)<br/>[30] JP (2014-158470) 2014-08-04</p> <hr/> <p style="text-align: right;"><b>[21] 2,957,002</b><br/>[13] A1</p> <p>[51] Int.Cl. A61B 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MEDICAL SYSTEM AND METHOD FOR PREDICTING FUTURE OUTCOMES OF PATIENT CARE</p> <p>[54] SYSTEME MEDICAL ET PROCEDE DE PREDICTION DE FUTURS RESULTATS DE SOINS DE PATIENT</p> <p>[72] DEKEL, EDO, IL<br/>[71] MEDAWARE LTD., IL<br/>[85] 2017-02-01<br/>[86] 2016-04-19 (PCT/IL2016/050413)<br/>[87] (WO2016/170535)<br/>[30] US (62/150,337) 2015-04-21</p> <hr/> <p style="text-align: right;"><b>[21] 2,957,004</b><br/>[13] A1</p> <p>[51] Int.Cl. G02B 21/06 (2006.01) G01J 3/14 (2006.01) G01J 3/51 (2006.01) G01N 21/27 (2006.01)</p> <p>[25] EN</p> <p>[54] MICROSCOPE</p> <p>[54] MICROSCOPE</p> <p>[72] OKUNO, TAKUYA, JP<br/>[72] MOTOMURA, ASAKO, JP<br/>[72] SOGAWA, ICHIRO, JP<br/>[72] SUGANUMA, HIROSHI, JP<br/>[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP<br/>[85] 2017-02-01<br/>[86] 2015-07-07 (PCT/JP2015/069534)<br/>[87] (WO2016/035444)<br/>[30] JP (2014-181303) 2014-09-05</p> |
|---|---|--|

## Demandes PCT entrant en phase nationale

---

**[21] 2,957,005**

[13] A1

- [51] Int.Cl. C07D 215/48 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] HIGH-PURITY QUINOLINE DERIVATIVE AND METHOD FOR MANUFACTURING SAME
- [54] DERIVE DE QUINOLINE DE PURETE ELEVEE ET SON PROCEDE DE FABRICATION
- [72] NAKAMURA, TAIJU, JP
- [72] ABE, TAICHI, JP
- [72] MIYASHITA, YUSUKE, JP
- [72] KURODA, HIROFUMI, JP
- [72] AYATA, YUSUKE, JP
- [72] AKAO, ATSUSHI, JP
- [71] EISAI R&D MANAGEMENT CO., LTD., JP
- [85] 2017-02-01
- [86] 2015-08-26 (PCT/JP2015/073946)
- [87] (WO2016/031841)
- [30] JP (2014-174062) 2014-08-28
- [30] JP (2015-034729) 2015-02-25

**[21] 2,957,006**

[13] A1

- [51] Int.Cl. B64G 1/64 (2006.01)
- [25] EN
- [54] DEBRIS REMOVAL DEVICE AND DEBRIS REMOVAL METHOD
- [54] DISPOSITIF ET SYSTEME DE RETRAIT DE DEBRIS
- [72] MORI, HATSUO, JP
- [72] IZUMIYAMA, TAKU, JP
- [72] HASHIMOTO, KOZUE, JP
- [72] KAWAMOTO, SATOMI, JP
- [72] HIRAKO, KEIICHI, JP
- [71] IHI CORPORATION, JP
- [85] 2017-02-01
- [86] 2015-09-29 (PCT/JP2015/077537)
- [87] (WO2016/052518)
- [30] JP (2014-199569) 2014-09-30

**[21] 2,957,007**

[13] A1

- [51] Int.Cl. F27B 14/04 (2006.01) F27B 14/10 (2006.01) F27B 14/14 (2006.01) F27D 11/12 (2006.01) H05B 6/64 (2006.01)
- [25] EN
- [54] MICROWAVE COMPOSITE HEATING FURNACE
- [54] FOUR DE CHAUFFAGE COMPOSITE MICRO-ONDES
- [72] SATO, MOTOYASU, JP
- [72] ITO, HIBIKI, JP
- [72] KASHIMURA, KEIICHIRO, JP
- [72] NAGATA, KAZUHIRO, JP
- [72] GOYAL, PRADEEP, IN
- [72] BORKAR, SHIVANAND, IN
- [71] CHUBU UNIVERSITY EDUCATIONAL FOUNDATION, JP
- [71] PRADEEP METALS LIMITED, IN
- [85] 2017-02-01
- [86] 2015-07-31 (PCT/JP2015/003889)
- [87] (WO2016/021173)
- [30] JP (2014-158278) 2014-08-03

**[21] 2,957,011**

[13] A1

- [51] Int.Cl. A61K 47/02 (2006.01) A61K 31/44 (2006.01) A61K 47/30 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01) A61P 39/00 (2006.01)
- [25] EN
- [54] THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
- [54] COMPOSITIONS DE DETOXIFICATION THERAPEUTIQUE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI
- [72] RAE, CAROL A., US
- [72] SIMONI, JAN, US
- [72] SIMONI, GRACE, US
- [72] MOELLER, JOHN F., US
- [71] IMMUTRIX THERAPEUTICS, INC., US
- [85] 2017-02-01
- [86] 2015-04-17 (PCT/US2015/026373)
- [87] (WO2015/161200)
- [30] US (61/981,061) 2014-04-17

**[21] 2,957,012**

[13] A1

- [51] Int.Cl. C07D 407/04 (2006.01) C07D 307/34 (2006.01)
- [25] FR
- [54] FLAVONOID DERIVATIVE COMPOUNDS AND METHOD FOR PREPARING SAME BY DEPOLYMERISATION OF CONDENSED TANNINS
- [54] COMPOSES DERIVES DE FLAVANOIDES ET PROCEDE POUR LEUR PREPARATION PAR DEPOLYMERISATION DE TANINS CONDENSES
- [72] ROUMEAS, LAURENT, FR
- [72] FULCRAND, HELENE, FR
- [72] AOUF, CHAHINEZ, FR
- [72] DUBREUCQ, ERIC, FR
- [71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
- [71] CENTRE INTERNATIONAL D'ETUDES SUPERIEURES EN SCIENCES AGRONOMIQUES, FR
- [71] UNIVERSITE DE MONTPELLIER I, FR
- [85] 2017-02-01
- [86] 2015-08-03 (PCT/FR2015/052144)
- [87] (WO2016/020615)
- [30] FR (1457584) 2014-08-04

**[21] 2,957,015**

[13] A1

- [51] Int.Cl. F16J 15/02 (2006.01)
- [25] EN
- [54] A POLYUREA GASKET AND GASKET TAPE AND A METHOD OF MAKING AND USING THE SAME
- [54] JOINT D'ETANCHEITE DE POLYUREEE ET JOINT RUBAN, ET PROCEDE DE FABRICATION ET D'UTILISATION DE CES DERNIERS
- [72] BUSBY, JEFF, US
- [72] DRY, MIKE, US
- [72] BOOMER, KENT, US
- [72] BOYD, MATT, US
- [71] THE PATENT WELL LLC, US
- [85] 2017-02-01
- [86] 2015-07-31 (PCT/US2015/043261)
- [87] (WO2016/019320)
- [30] US (62/031,916) 2014-08-01

## PCT Applications Entering the National Phase

---

**[21] 2,957,016**  
[13] A1

[51] Int.Cl. A63B 69/00 (2006.01) A63B 21/02 (2006.01) A63B 22/04 (2006.01)  
[25] EN  
[54] STANDUP PADDLE BOARD CORE ACTIVATOR  
[54] ACTIVATEUR CENTRAL DE PLANCHE A RAME  
[72] BROFFMAN, JEFFERY ALAN, US  
[71] BROFFMAN, JEFFERY ALAN, US  
[85] 2017-02-01  
[86] 2015-07-29 (PCT/US2015/042625)  
[87] (WO2016/022352)  
[30] US (14/454,813) 2014-08-08

---

**[21] 2,957,017**  
[13] A1

[51] Int.Cl. A61K 31/7068 (2006.01) A61K 31/166 (2006.01) A61K 31/41 (2006.01) A61K 31/4188 (2006.01) A61K 31/437 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/675 (2006.01) A61K 38/16 (2006.01) A61K 38/21 (2006.01) A61K 39/155 (2006.01) A61K 39/42 (2006.01) A61P 11/00 (2006.01) A61P 31/14 (2006.01)  
[25] EN  
[54] COMBINATION THERAPY FOR TREATING A PARAMYXOVIRUS  
[54] POLYTHERAPIE POUR TRAITER UN PARAMYXOVIRUS  
[72] BLATT, LAWRENCE M., US  
[72] BEIGELMAN, LEONID, US  
[72] SMITH, DAVID BERNARD, US  
[72] WANG, GUANGYI, US  
[71] ALIOS BIOPHARMA, INC., US  
[85] 2017-02-01  
[86] 2015-08-03 (PCT/US2015/043402)  
[87] (WO2016/022464)  
[30] US (62/033,551) 2014-08-05  
[30] US (62/060,445) 2014-10-06  
[30] US (62/182,913) 2015-06-22

**[21] 2,957,018**  
[13] A1

[51] Int.Cl. B01F 3/12 (2006.01) A47K 5/12 (2006.01) A61L 2/18 (2006.01) B01F 1/00 (2006.01)  
[25] EN  
[54] MULTIPLE SOLID PRODUCTS LIQUID SOLUTION DISPENSER  
[54] DISTRIBUTEURS DE SOLUTION LIQUIDE DE PRODUITS SOLIDES MULTIPLES  
[72] FREUDENBERG, JARED R., US  
[72] URBAN, RYAN JACOB, US  
[71] ECOLAB USA INC., US  
[85] 2017-02-01  
[86] 2015-07-30 (PCT/US2015/042972)  
[87] (WO2016/022398)  
[30] US (14/452,074) 2014-08-05

---

**[21] 2,957,020**  
[13] A1

[51] Int.Cl. B01F 3/12 (2006.01) A47K 5/12 (2006.01) A61L 2/18 (2006.01) B01F 1/00 (2006.01) B01F 5/00 (2006.01)  
[25] EN  
[54] APPARATUS AND METHOD FOR DISPENSING SOLUTIONS FROM SOLID PRODUCTS  
[54] APPAREIL ET PROCEDE POUR DISTRIBUER DES SOLUTIONS A PARTIR DE PRODUITS SOLIDES  
[72] FREUDENBERG, JARED R., US  
[72] URBAN, RYAN JACOB, US  
[72] MOREY, JOHN DAVID, US  
[71] ECOLAB USA INC., US  
[85] 2017-02-01  
[86] 2015-07-30 (PCT/US2015/042977)  
[87] (WO2016/022399)  
[30] US (14/451,825) 2014-08-05

**[21] 2,957,022**  
[13] A1

[51] Int.Cl. E21B 19/06 (2006.01) E21B 19/08 (2006.01) E21B 19/10 (2006.01)  
[25] EN  
[54] EXTENDED RANGE SINGLE-JOINT ELEVATOR  
[54] ELEVATEUR MONOARTICULATION A PORTEE ETENDUE  
[72] ANGELLE, JEREMY RICHARD, US  
[72] STELLY, JOHN ERICK, US  
[72] HOLLIER, TYLER J., US  
[72] SMITH, LOGAN ESSEX, US  
[71] FRANK'S INTERNATIONAL, LLC, US  
[85] 2017-02-01  
[86] 2015-08-04 (PCT/US2015/043619)  
[87] (WO2016/022565)  
[30] US (14/452,432) 2014-08-05

---

**[21] 2,957,023**  
[13] A1

[51] Int.Cl. H01B 7/29 (2006.01)  
[25] EN  
[54] RADIATION AND HEAT RESISTANT CABLES  
[54] CABLES RESISTANT A LA CHALEUR ET AU RAYONNEMENT  
[72] LEE, ELLIOT BYUNGHWAN, US  
[72] SIRIPURAPU, SRINIVAS, US  
[72] TONYALI, KOKSAL, US  
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US  
[85] 2017-02-01  
[86] 2015-08-13 (PCT/US2015/045005)  
[87] (WO2016/025685)  
[30] US (62/036,829) 2014-08-13

## Demandes PCT entrant en phase nationale

---

**[21] 2,957,025**  
[13] A1

- [51] Int.Cl. C12N 15/63 (2006.01) A61K 31/7088 (2006.01) A61P 37/08 (2006.01) C07K 14/705 (2006.01) C12N 15/85 (2006.01) G01N 35/00 (2006.01)
- [25] EN
- [54] **MRGPRX2/MRGPRB2 EXPRESSING CELL BASED ASSAY TO DETECT PSEUDO-ALLERGIC DRUG REACTIONS AND TO IDENTIFY BLOCKERS TO PREVENT THE ADVERSE REACTIONS**
- [54] **ANALYSE FONDEE SUR DES CELLULES EXPRIMANT MRGPRX2/MRGPRB2 POUR DETECTER DES REACTIONS PSEUDO-ALLERGIQUES A UN MEDICAMENT ET IDENTIFIER DES ANTAGONISTES POUR EMPECHER L'APPARITION D'EFFETS INDESIRABLES**
- [72] DONG, XINZHONG, US  
[72] MCNEIL, BENJAMIN, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2017-02-01  
[86] 2015-07-31 (PCT/US2015/043116)  
[87] (WO2016/019246)  
[30] US (62/032,350) 2014-08-01

**[21] 2,957,027**  
[13] A1

- [51] Int.Cl. B09B 1/00 (2006.01) B09B 5/00 (2006.01) B21B 33/02 (2006.01)
- [25] EN
- [54] **LANDFILL GAS WELLHEAD CAP ASSEMBLY**
- [54] **ENSEMBLE COUVERCLE POUR TETE DE PUITS DE GAZ DE DECHARGE**
- [72] NIEHAUS, KENNETH L., US  
[72] FISCHER, DAVID A., US  
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US  
[85] 2017-02-01  
[86] 2015-08-05 (PCT/US2015/043788)  
[87] (WO2016/022669)  
[30] US (62/033,836) 2014-08-06

**[21] 2,957,028**  
[13] A1

- [51] Int.Cl. B60P 3/025 (2006.01) B65G 13/02 (2006.01) B65G 15/02 (2006.01)
- [25] EN
- [54] **TRANSPORTABLE MODULAR SYSTEM FOR DISPENSING AND BOXING FOOD AND BEVERAGE ITEMS**
- [54] **SISTÈME MODULAIRE TRANSPORTABLE DESTINÉ À DISTRIBUER ET À METTRE EN BOÎTE DES ARTICLES DE NOURRITURE ET DE BOISSON**
- [72] BLATSTEIN, ERIC J., US  
[72] FALOCCO, RONALD M., US  
[72] HILLERICH, THOMAS A., US  
[72] DIFURIO, GABRIEL A., US  
[71] OTG EXPERIENCE, LLC, US  
[85] 2017-02-01  
[86] 2015-07-31 (PCT/US2015/043138)  
[87] (WO2016/019257)  
[30] US (14/449,597) 2014-08-01

**[21] 2,957,031**  
[13] A1

- [51] Int.Cl. G06Q 40/02 (2012.01) G06Q 40/00 (2012.01) H04L 9/32 (2006.01)
- [25] EN
- [54] **VERIFYING USER ACCOUNTS BASED ON INFORMATION RECEIVED IN A PREDETERMINED MANNER**
- [54] **VERIFICATION DE COMPTES D'UTILISATEUR SUR LA BASE D'INFORMATIONS RECUES D'UNE MANIÈRE PREDETERMINÉE**
- [72] ONGCHIN, DERRICK, US  
[71] UBER TECHNOLOGIES, INC., US  
[85] 2017-02-01  
[86] 2015-08-14 (PCT/US2015/045325)  
[87] (WO2016/025863)  
[30] US (62/037,521) 2014-08-14  
[30] US (14/826,066) 2015-08-13

**[21] 2,957,034**  
[13] A1

- [51] Int.Cl. A61K 31/4192 (2006.01)
- [25] EN
- [54] **POWDER ORAL SUSPENSION FORMULATIONS OF ANTIBACTERIAL AGENTS**
- [54] **FORMULATIONS DE SUSPENSIONS ORALES D'AGENTS ANTIBACTERIENS EN POUDRE**
- [72] PEREIRA, DAVID EUGENE, US  
[72] MAJURU, SHINGAI, US  
[72] FERNANDES, PRABHAVATHI, US  
[71] CEMPRA PHARMACEUTICALS, INC., US  
[85] 2017-02-01  
[86] 2015-08-05 (PCT/US2015/043774)  
[87] (WO2016/022658)  
[30] US (62/033,601) 2014-08-05  
[30] US (62/173,609) 2015-06-10

**[21] 2,957,036**  
[13] A1

- [51] Int.Cl. C12P 21/06 (2006.01) C12N 5/07 (2010.01) C12N 5/02 (2006.01) C12N 5/10 (2006.01) C12N 9/12 (2006.01) C12N 15/00 (2006.01)
- [25] EN
- [54] **EFFICIENT SELECTIVITY OF RECOMBINANT PROTEINS**
- [54] **SELECTIVITÉ EFFICACE DES PROTEINES RECOMBINEES**
- [72] DESHPANDE, DIPALI, US  
[72] BURAKOV, DARYA, US  
[72] CHEN, GANG, US  
[72] FANDL, JAMES, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2017-02-01  
[86] 2015-08-19 (PCT/US2015/045793)  
[87] (WO2016/028838)  
[30] US (62/039,416) 2014-08-19

## PCT Applications Entering the National Phase

---

**[21] 2,957,038**

[13] A1

[51] Int.Cl. G08B 5/22 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR OBTAINING LOCATION INFORMATION

[54] PROCEDE ET APPAREIL POUR OBTENIR DES INFORMATIONS DE LOCALISATION

[72] LIU, HUI, CN

[72] ZHENG, HAOHUA, CN

[72] JIN, HUIFENG, CN

[72] ZHOU, LIN, CN

[72] XIANG, TIANCHENG, CN

[71] ALIBABA GROUP HOLDING LIMITED, KY

[85] 2017-01-31

[86] 2015-08-28 (PCT/US2015/047554)

[87] (WO2016/033535)

[30] CN (201410437944.5) 2014-08-29

---

**[21] 2,957,042**

[13] A1

[51] Int.Cl. B32B 7/02 (2006.01) A47B 33/00 (2006.01) B32B 5/18 (2006.01) B32B 19/04 (2006.01) E04C 2/26 (2006.01) E04F 13/077 (2006.01)

[25] EN

[54] A KIT FOR FORMING A PANEL AND A METHOD OF FORMING A PANEL

[54] KIT DE FORMATION DE PANNEAU ET PROCEDE DE FORMATION DE PANNEAU

[72] KYRIAKOULEAS, KYRI, AU

[71] LITESTONE HOLDINGS PTY LIMITED, AU

[85] 2017-02-02

[86] 2015-08-04 (PCT/AU2015/050436)

[87] (WO2016/019432)

[30] AU (2014903007) 2014-08-04

[30] AU (2014903647) 2014-09-12

---



---

**[21] 2,957,044**

[13] A1

[51] Int.Cl. H01L 23/49 (2006.01)

[25] EN

[54] METHODS AND APPARATUSES FOR SHAPING AND LOOPING BONDING WIRES THAT SERVE AS STRETCHABLE AND BENDABLE INTERCONNECTS

[54] PROCEDES ET APPAREILS POUR METTRE EN FORME ET BOUCLER DES FILS DE CONNEXION QUI SERVENT D'INTERCONNEXIONS ETIRABLES ET FLEXIBLES

[72] GARLOCK, DAVID G., US

[72] LI, XIA, US

[72] GUPTA, SANJA, US

[72] DALAL, MITUL, US

[71] MC10, INC., US

[85] 2017-01-31

[86] 2015-09-21 (PCT/US2015/051210)

[87] (WO2016/048888)

[30] US (62/053,641) 2014-09-22

---



---

**[21] 2,957,055**

[13] A1

[51] Int.Cl. G01R 15/00 (2006.01) G01R 19/00 (2006.01) G01R 21/00 (2006.01) G01R 22/00 (2006.01)

[25] EN

[54] SELECTING EXTRACTED FEATURES OF ELECTRICITY CONSUMPTION DATA

[54] SELECTION DE CARACTERISTIQUES EXTRAITES DE DONNEES DE CONSOMMATION D'ELECTRICITE

[72] HAGHIGHAT-KISHANI, ALI, CA

[72] GUO, ZHENYU, CA

[71] NEURIO TECHNOLOGY INC., CA

[85] 2017-02-02

[86] 2015-02-13 (PCT/CA2015/050108)

[87] (WO2016/041059)

[30] US (14/489,228) 2014-09-17

---



---

**[21] 2,957,060**

[13] A1

[51] Int.Cl. G06Q 50/24 (2012.01) G06F 17/30 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR PROVIDING ACCESS TO ELECTRONIC MEDICAL RECORDS

[54] SYSTEME ET PROCEDE DE FOURNITURE D'ACCES A DES ENREGISTREMENTS MEDICAUX ELECTRONIQUES

[72] MARSHALL, CAMERON, CA

[71] COMPLETE CONCUSSION MANAGEMENT INC., CA

[85] 2017-02-02

[86] 2015-08-05 (PCT/CA2015/050738)

[87] (WO2016/019465)

[30] US (62/033,183) 2014-08-05

## Demandes PCT entrant en phase nationale

---

[21] **2,957,066**  
[13] A1

[51] Int.Cl. G01N 33/53 (2006.01) G01N 33/74 (2006.01) G01N 33/76 (2006.01)  
[25] EN  
[54] FLEXIBLE, INTEGRATED URINE-BASED DIAGNOSTIC DEVICE  
[54] DISPOSITIF DE DIAGNOSTIC URINAIRE FLEXIBLE ET INTEGRE  
[72] EDWARDS, BETHANY, US  
[72] DIMARE, FRANCES, US  
[71] LIA DIAGNOSTICS, INC., US  
[85] 2016-11-10  
[86] 2015-05-07 (PCT/US2015/029613)  
[87] (WO2015/175301)  
[30] US (61/996,978) 2014-05-11

---

[21] **2,957,069**  
[13] A1

[51] Int.Cl. G06Q 50/22 (2012.01) G06Q 50/24 (2012.01) A61B 5/00 (2006.01)  
[25] EN  
[54] MEDICAL DEVICES AND CONFIGURATION UPDATE MANAGEMENT  
[54] DISPOSITIFS MEDICAUX ET GESTION DE MISE A JOUR DE CONFIGURATION  
[72] GRAY, GEORGE W., US  
[72] MCQUAID, WILLIAM C., US  
[71] IVENIX, INC., US  
[85] 2017-02-02  
[86] 2015-07-29 (PCT/US2015/042613)  
[87] (WO2016/022350)  
[30] US (62/032,872) 2014-08-04  
[30] US (14/794,231) 2015-07-08

---

[21] **2,957,070**  
[13] A1

[51] Int.Cl. D04H 13/00 (2006.01) D04H 1/425 (2012.01) D04H 1/4374 (2012.01)  
[25] EN  
[54] STRUCTURED, DISPERSIBLE NONWOVEN WEB COMPRISED OF HYDROENTANGLED INDIVIDUALIZED BAST FIBERS  
[54] TOILE NON TISSEE DISPERSIBLE STRUCTUREE CONSTITUEE DE FIBRES DU LIBER INDIVIDUALISEES HYDRO-ENCHEVETREES  
[72] WRIGHT, ALAN EDWARD, US  
[72] LERCH, MICHEAL S., US  
[72] MILLER, JOSEPH H., US  
[72] BAUMGARTNER, DEAN, US  
[72] WENDT, GREG, US  
[72] SUMNICKT, DANIEL, US  
[72] DUELLO, LEONARD E., US  
[72] WHITE, DAVID W., US  
[72] DAUL, TOM J., US  
[72] DECKER, KIP KEVIN, US  
[72] BAER, SAMUEL CHARLES, US  
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US  
[85] 2017-02-03  
[86] 2015-08-07 (PCT/US2015/044138)  
[87] (WO2016/022880)  
[30] US (62/034,197) 2014-08-07

---

[21] **2,957,071**  
[13] A1

[51] Int.Cl. C12N 5/074 (2010.01)  
[25] EN  
[54] MAMMALIAN PLURIPOTENT STEM CELLS, METHODS FOR THEIR PRODUCTION, AND USES THEREOF  
[54] CELLULES SOUCHES PLURIPOTENTES DE MAMMIFERE, DES PROCEDES POUR LEUR PRODUCTION ET LEURS UTILISATIONS  
[72] HEGGENESS, MICHAEL H., US  
[71] UNIVERSITY OF KANSAS, US  
[85] 2017-02-02  
[86] 2015-08-03 (PCT/US2015/043424)  
[87] (WO2016/022472)  
[30] US (62/032,911) 2014-08-04

---

[21] **2,957,074**  
[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01)  
[25] EN  
[54] METHOD FOR DETERMINING AND ANALYZING IMPACT SEVERITY OF EVENT ON A NETWORK  
[54] PROCEDE DE DETERMINATION ET D'ANALYSE DE LA SEVERITE DE L'IMPACT D'UN EVENEMENT SUR UN RESEAU  
[72] JONES, ROBERT GLENN, US  
[72] MARTIN, DANA BURROWS, US  
[72] LIN, XIAO YING, US  
[71] ELEMENTUM SCM (CAYMAN) LTD., US  
[85] 2017-02-02  
[86] 2015-08-14 (PCT/US2015/045396)  
[87] (WO2016/025905)  
[30] US (62/038,074) 2014-08-15  
[30] US (62/039,202) 2014-08-19  
[30] US (62/045,722) 2014-09-04  
[30] US (14/579,843) 2014-12-22

---

[21] **2,957,081**  
[13] A1

[51] Int.Cl. G06Q 10/00 (2012.01)  
[25] EN  
[54] METHODS FOR AGRONOMIC AND AGRICULTURAL MONITORING USING UNMANNED AERIAL SYSTEMS  
[54] PROCEDES DE SURVEILLANCE AGRONOMIQUE ET AGRICOLE A L'AIDE DE SYSTEMES AERIENS SANS PILOTE  
[72] SAUDER, DOUG, US  
[72] KOCH, JUSTIN L., US  
[72] PLATTNER, TROY L., US  
[72] BAURER, PHIL, US  
[71] THE CLIMATE CORPORATION, US  
[85] 2017-02-02  
[86] 2015-08-20 (PCT/US2015/046165)  
[87] (WO2016/029054)  
[30] US (62/040,859) 2014-08-22  
[30] US (62/046,438) 2014-09-05  
[30] US (14/831,165) 2015-08-20

## PCT Applications Entering the National Phase

---

**[21] 2,957,083**

[13] A1

[51] Int.Cl. F24F 11/04 (2006.01)

[25] EN

[54] PROGRAMMABLE LOGIC  
CONTROLLER-BASED SYSTEM  
AND USER INTERFACE FOR AIR  
SAMPLING IN CONTROLLED  
ENVIRONMENTS  
[54] SYSTEME FONDE SUR UN  
CONTROLEUR LOGIQUE  
PROGRAMMABLE ET  
INTERFACE UTILISATEUR POUR  
L'ECHANTILLONNAGE D'AIR  
DANS DES ENVIRONNEMENTS  
CONTROLES

[72] KOCHER, NATHAN G., US

[71] VELTEK ASSOCIATES, INC., US

[85] 2017-02-02

[86] 2015-08-21 (PCT/US2015/046365)

[87] (WO2016/032903)

[30] US (14/471,848) 2014-08-28

---

**[21] 2,957,085**

[13] A1

[51] Int.Cl. A61L 29/08 (2006.01) A61L  
29/14 (2006.01)

[25] EN

[54] URINARY CATHETER  
[54] CATHETER URINAIRE  
[72] YIN, ZHIHUI, US  
[72] SILVER, ADAM, US  
[72] FISH, DAVID, US  
[72] ROBERTS, TOM, US  
[71] C.R. BARD, INC., US  
[85] 2017-02-02  
[86] 2015-08-26 (PCT/US2015/047026)  
[87] (WO2016/033234)  
[30] US (62/042,125) 2014-08-26

---

**[21] 2,957,087**

[13] A1

[51] Int.Cl. F03D 1/06 (2006.01)

[25] EN

[54] A WIND TURBINE BLADE, AND A  
METHOD OF REINFORCING A  
WIND TURBINE BLADE  
[54] PALE DE TURBINE EOLIENNE ET  
PROCEDE POUR RENFORCER  
UNE PALE D'EOILIENNE  
[72] JENSEN, FIND MOLHOLT, DK  
[72] MEJLSTRUP, RYAN, DK  
[71] BLADENA SOLUTIONS APS, DK  
[85] 2017-02-03  
[86] 2014-08-26 (PCT/EP2014/068085)  
[87] (WO2016/029937)

---



---

**[21] 2,957,091**

[13] A1

[51] Int.Cl. G06Q 50/22 (2012.01) G06F  
19/00 (2011.01)

[25] EN

[54] SYSTEM AND METHOD FOR  
COLLECTION, STORAGE AND  
MANAGEMENT OF MEDICAL  
DATA

[54] SYSTEME ET PROCEDE DE  
COLLECTE, DE MEMORISATION  
ET DE GESTION DE DONNEES  
MEDICALES

[72] SANMUGALINGHAM, GEETHA, CA

[71] SYNAPTIVE MEDICAL  
(BARBADOS) INC., BB

[85] 2017-02-03

[86] 2014-09-15 (PCT/IB2014/064536)

[87] (WO2016/042356)

---

**[21] 2,957,096**

[13] A1

[51] Int.Cl. A63F 7/00 (2006.01)

[25] EN

[54] BOARD GAME AND METHOD OF  
PLAYING THE BOARD GAME  
[54] JEU DE PLATEAU ET PROCEDE  
PERMETTANT DE JOUER A CE  
JEU DE PLATEAU

[72] BABRAS, SHIVALI, IN

[72] KHARE, MAYURI, IN

[72] JOSHI, VAIDEH, IN

[72] LAHANE, ASHWINI, IN

[72] MERCHANT, ARWA, IN

[71] ANINDITA TOY COMPANY (P) LTD,  
IN

[85] 2017-02-03

[86] 2015-08-03 (PCT/IN2015/000306)

[87] (WO2016/020931)

[30] IN (2498/MUM/2014) 2014-08-04

---

**[21] 2,957,112**

[13] A1

[51] Int.Cl. B62K 13/06 (2006.01)

[25] EN

[54] DEVELOPMENT OF THE SIDE-  
BY-SIDE FLEXIBLE TWIN  
BICYCLE

[54] DOUBLE BICYCLETTE FLEXIBLE  
COTE A COTE

[72] APONTE-RIVERA, CEFERINO, US

[71] APONTE-RIVERA, CEFERINO, US

[85] 2017-02-03

[86] 2015-08-03 (PCT/US2015/043474)

[87] (WO2016/022493)

[30] US (14/450,268) 2014-08-03

---



---

**[21] 2,957,117**

[13] A1

[51] Int.Cl. B65D 81/34 (2006.01)

[25] EN

[54] PRINTING A DUPLEX  
MICROWAVE INTERACTIVE  
SUSCEPTOR STRUCTURE ON  
CELLULOSE-BASED  
SUBSTRATES FOR SUSTAINABLE  
MICROWAVE PACKAGING

[54] IMPRESSION D'UNE STRUCTURE  
INTERACTIVE DE SUSCEPTEUR  
DE MICRO-ONDES DE TYPE  
DUPLEX SUR DES SUBSTRATS DE  
CELLULOSE DESTINES A UN  
EMBALLAGE DURABLE POUR  
MICRO-ONDES

[72] ASPLER, JOSEPH STEPHEN, CA

[72] CORMIER, LYNE M., CA

[72] LI, TINGJIE, CA

[71] FPINNOVATIONS, CA

[85] 2017-02-01

[86] 2015-08-05 (PCT/CA2015/050734)

[87] (WO2016/019461)

[30] US (62/033,685) 2014-08-06

---

**[21] 2,957,119**

[13] A1

[51] Int.Cl. A01K 63/02 (2006.01) A01K  
63/04 (2006.01)

[25] FR

[54] SYSTEM AND METHOD FOR  
STORING LIVE SEAFOOD

[54] SYSTEME ET PROCEDE POUR LE  
STOCKAGE DE PRODUITS DE LA  
MER A L'ETAT VIVANT

[72] FAGIANO, GIANCARLO, FR

[72] LEJEUNE, ARMAND, FR

[71] EMYG-ENVIRONNEMENT ET  
AQUACULTURE, FR

[85] 2017-02-01

[86] 2014-08-05 (PCT/FR2014/052041)

[87] (WO2016/020579)

## Demandes PCT entrant en phase nationale

---

[21] **2,957,120**  
[13] A1

[51] Int.Cl. E02D 17/20 (2006.01)  
[25] EN  
[54] SECURING DEVICE  
[54] DISPOSITIF DE FIXATION  
[72] BUTTERWORTH, JOHN, GB  
[72] BAKER, MARTIN, GB  
[72] CLARKE, NEIL, GB  
[71] GRIPPLE LIMITED, GB  
[85] 2017-02-01  
[86] 2015-08-05 (PCT/GB2015/000226)  
[87] (WO2016/020631)  
[30] GB (1413893.7) 2014-08-06  
[30] GB (1421456.3) 2014-12-03  
[30] GB (1500135.7) 2015-01-06  
[30] GB (1503186.7) 2015-02-26  
[30] GB (1513386.1) 2015-07-30

---

[21] **2,957,124**  
[13] A1

[51] Int.Cl. G06Q 30/00 (2012.01)  
[25] EN  
[54] ELECTRONIC MARKETPLACE  
PLATFORM FOR EXPIRING  
INVENTORY  
[54] PLATE-FORME DE PLACE DE  
MARCHE ELECTRONIQUE POUR  
STOCK FINISSANT  
[72] ROSNER, CHERYL, US  
[72] MINHAS, SHARIQ, US  
[71] STAYFUL.COM, INC., US  
[85] 2017-02-03  
[86] 2015-08-04 (PCT/US2015/043626)  
[87] (WO2016/022571)  
[30] US (62/032,793) 2014-08-04

---

[21] **2,957,134**  
[13] A1

[51] Int.Cl. G01N 33/553 (2006.01) C07K  
14/00 (2006.01) C40B 40/10 (2006.01)  
[25] EN  
[54] SIGNAL AMPLIFICATION IN  
PLASMONIC SPECIFIC-BINDING  
PARTNER ASSAYS  
[54] AMPLIFICATION DE SIGNAL  
DANS DES EVALUATIONS DE  
PARTENAIRES DE LIAISON  
SPECIFIQUE PLASMONIQUES  
[72] ARON, KENNETH P., US  
[72] MEHRA, RAJESH K., US  
[72] CHIANG, VINCENT, US  
[72] KRELL, ASHER, US  
[71] ABAXIS, INC., US  
[85] 2017-02-01  
[86] 2015-08-13 (PCT/US2015/045041)  
[87] (WO2016/025703)  
[30] US (62/037,071) 2014-08-13  
[30] US (62/082,468) 2014-11-20

---

[21] **2,957,145**  
[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01) G06Q  
20/20 (2012.01) G07F 7/06 (2006.01)  
[25] EN  
[54] METHOD FOR HIRING OUT A  
TRANSPORTATION MEANS  
SUITABLE FOR TRANSPORTING  
GOODS, AND TRANSPORTATION  
MEANS  
[54] PROCEDE DE PRET D'UN MOYEN  
DE TRANSPORT CONVENANT AU  
TRANSPORT DE  
MARCHANDISES, AINSI QUE  
MOYEN DE TRANSPORT  
[72] EBERLEIN, MARTIN, DE  
[71] EBERLEIN, MARTIN, DE  
[85] 2017-02-02  
[86] 2015-07-21 (PCT/DE2015/000369)  
[87] (WO2016/019936)  
[30] DE (10 2014 011 707.3) 2014-08-05  
[30] DE (10 2014 011 708.1) 2014-08-05  
[30] DE (10 2015 000 135.3) 2015-01-07  
[30] DE (10 2015 002 934.7) 2015-03-07  
[30] DE (10 2015 008 181.0) 2015-06-25

---

[21] **2,957,151**  
[13] A1

[51] Int.Cl. A61N 1/36 (2006.01) A61N  
1/05 (2006.01)  
[25] EN  
[54] ELECTROSTIMULATION  
RELATED DEVICES AND  
METHODS  
[54] DISPOSITIFS ET METHODES  
ASSOCIES A  
L'ELECTROSTIMULATION  
[72] GREGSON, IAN, GB  
[71] FEMEDA LIMITED, GB  
[85] 2017-02-02  
[86] 2015-08-19 (PCT/EP2015/069095)  
[87] (WO2016/026914)  
[30] GB (1414695.5) 2014-08-19

---

[21] **2,957,152**  
[13] A1

[51] Int.Cl. E04F 21/00 (2006.01) E04G  
21/18 (2006.01) E06B 1/56 (2006.01)  
[25] EN  
[54] AUXILIARY MOUNTING TOOL  
FOR THE POSITIONING OF  
ELEMENTS IN RELATION TO AN  
ADJACENT FLAT OR PLANE  
[54] OUTIL DE MONTAGE  
AUXILIAIRE PERMETTANT LE  
POSITIONNEMENT D'ELEMENTS  
PAR RAPPORT A UN PLAN OU  
PLAT ADJACENT  
[72] DISSING, CLAUS HORNSTRUP, DK  
[71] DISSING A/S, DK  
[85] 2017-02-02  
[86] 2015-08-06 (PCT/DK2015/050231)  
[87] (WO2016/019965)  
[30] DK (PA 2014 70478) 2014-08-08

---

[21] **2,957,155**  
[13] A1

[51] Int.Cl. A63H 33/10 (2006.01)  
[25] EN  
[54] MAGNETIC BLOCK TOY  
[54] JEU DE CUBE MAGNETIQUE  
[72] KIRIBUCHI, CHIZUKO, JP  
[71] PEOPLE CO., LTD., JP  
[85] 2017-02-02  
[86] 2015-08-05 (PCT/JP2015/072214)  
[87] (WO2016/021631)  
[30] JP (2014-162329) 2014-08-08

---

[21] **2,957,156**  
[13] A1

[51] Int.Cl. G01F 1/74 (2006.01) G01F 1/76  
(2006.01) G01N 22/00 (2006.01)  
[25] EN  
[54] METHOD AND APPARATUS TO  
DETECT CONTAMINANTS IN  
PRESSURIZED FLUID FLOWS  
[54] PROCEDE ET APPAREIL DE  
DETECTION DE CONTAMINANTS  
DANS DES ECOULEMENTS DE  
FLUIDES SOUS PRESSION  
[72] ABOU KHOUSA, MOHAMED, AE  
[72] AL-DURRA, AHMED, AE  
[72] AL-WAHEDI, KHALED, AE  
[71] EMIRATES INNOVATIONS, CA  
[85] 2017-02-02  
[86] 2015-08-18 (PCT/IB2015/056285)  
[87] (WO2016/027235)  
[30] US (62/039,258) 2014-08-19

---

## PCT Applications Entering the National Phase

---

**[21] 2,957,157**

[13] A1

- [51] Int.Cl. B29C 43/12 (2006.01) B29C 43/52 (2006.01) B29C 43/56 (2006.01) B32B 5/28 (2006.01) C08J 5/24 (2006.01)
  - [25] EN
  - [54] PROCESS FOR PRODUCING FIBER-REINFORCED PLASTIC
  - [54] PROCEDE DE PRODUCTION DE PLASTIQUE RENFORCE DE FIBRES
  - [72] TAKETA, ICHIRO, JP
  - [72] MATSUTANI, HIROAKI, JP
  - [72] ARAI, NOBUYUKI, JP
  - [72] SATO, NARUMICHI, JP
  - [71] TORAY INDUSTRIES, INC., JP
  - [85] 2017-02-02
  - [86] 2015-09-14 (PCT/JP2015/076000)
  - [87] (WO2016/043155)
  - [30] JP (2014-191082) 2014-09-19
- 

**[21] 2,957,162**

[13] A1

- [51] Int.Cl. B60T 15/54 (2006.01) B60T 17/22 (2006.01)
- [25] EN
- [54] BRAKE CYLINDER LIMITING VALVE
- [54] LIMITEUR DE CYLINDRE DE FREIN
- [72] WRIGHT, ERIC E., US
- [72] CONNELL, JASON, US
- [71] NEW YORK AIR BRAKE, LLC, US
- [85] 2017-02-02
- [86] 2014-08-15 (PCT/US2014/051285)
- [87] (WO2016/024996)

**[21] 2,957,164**

[13] A1

- [51] Int.Cl. C07C 319/14 (2006.01)
  - [25] EN
  - [54] LOW TEMPERATURE FREE RADICAL INITIATED PROCESS FOR THE PREPARATION OF 3-((3,3,3-TRIFLUOROPROPYL)THIO)PROPIONIC ACID AND ESTERS THEREOF
  - [54] PROCEDE INITIE PAR RADICAUX LIBRES A BASSE TEMPERATURE POUR LA PREPARATION DE L'ACIDE 3-((3,3,3-TRIFLUOROPROPYL)THIO)PROPIONIQUE ET DE SES ESTERS
  - [72] GRAY, KAITLYN, US
  - [71] DOW AGROSCIENCES LCC, US
  - [85] 2017-02-02
  - [86] 2014-10-17 (PCT/US2014/061022)
  - [87] (WO2016/022162)
  - [30] US (62/034,452) 2014-08-07
- 

**[21] 2,957,179**

[13] A1

- [51] Int.Cl. G06F 3/041 (2006.01) H03K 17/96 (2006.01)
  - [25] EN
  - [54] CAPACITIVE SENSOR FILTERING APPARATUS, METHOD, AND SYSTEM
  - [54] APPAREIL, PROCEDE ET SYSTEME DE FILTRAGE DE CAPTEUR CAPACITIF
  - [72] CITTA, JAMES W., US
  - [71] TOUCHSENSOR TECHNOLOGIES, LLC, US
  - [85] 2017-02-02
  - [86] 2015-02-18 (PCT/US2015/016361)
  - [87] (WO2016/028341)
  - [30] US (14/463,298) 2014-08-19
  - [30] US (62/058,740) 2014-10-02
- 

**[21] 2,957,181**

[13] A1

- [51] Int.Cl. H04N 5/445 (2011.01)
  - [25] EN
  - [54] SCENE-BY-SCENE PLOT CONTEXT FOR COGNITIVELY IMPAIRED
  - [54] CONTEXTE D'INTRIGUE SCENE PAR SCENE POUR LES PERSONNES AYANT UNE DEFICIENCE COGNITIVE
  - [72] CANDELORE, BRANT, US
  - [71] SONY CORPORATION, JP
  - [85] 2017-02-02
  - [86] 2015-07-27 (PCT/US2015/042246)
  - [87] (WO2016/028445)
  - [30] US (14/461,385) 2014-08-16
- 

**[21] 2,957,182**

[13] A1

- [51] Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)
  - [25] EN
  - [54] MEDICAL DEVICE MANAGEMENT AND THEFT INHIBITOR TECHNIQUES
  - [54] TECHNIQUES DE GESTION DE DISPOSITIF MEDICAL ET D'INHIBITION DE VOL
  - [72] GRAY, GEORGE W., US
  - [72] MCQUAID, WILLIAM C., US
  - [71] IVENIX, INC., US
  - [85] 2017-02-02
  - [86] 2015-07-29 (PCT/US2015/042615)
  - [87] (WO2016/025171)
  - [30] US (62/036,784) 2014-08-13
  - [30] US (14/794,256) 2015-07-08
- 

**[21] 2,957,184**

[13] A1

- [51] Int.Cl. G06F 7/04 (2006.01) G06Q 20/40 (2012.01) H04L 9/32 (2006.01)
- [25] EN
- [54] SECURE MOBILE CONTACT SYSTEM (SMCS)
- [54] SYSTEME DE CONTACT MOBILE SECURISE (SMCS)
- [72] MULHEARN, PATRICK F.X., US
- [72] CAPRONI, LEO MARTIN, US
- [72] HEARN, FRANCIS J., US
- [71] MOBILE SEARCH SECURITY LLC, US
- [85] 2017-02-02
- [86] 2015-08-03 (PCT/US2015/043499)
- [87] (WO2016/022501)
- [30] US (62/033,052) 2014-08-04
- [30] US (62/157,516) 2015-05-06
- [30] US (14/816,755) 2015-08-03

## Demandes PCT entrant en phase nationale

---

**[21] 2,957,186**  
[13] A1

- [51] Int.Cl. H04W 52/32 (2009.01)
  - [25] EN
  - [54] SYSTEMS AND METHODS FOR DUAL-CONNECTIVITY OPERATION
  - [54] SYSTEMES ET PROCEDES DE FONCTIONNEMENT EN DOUBLE CONNECTIVITE
  - [72] YIN, ZHANPING, US
  - [71] SHARP KABUSHIKI KAISHA, JP
  - [85] 2017-02-02
  - [86] 2015-08-04 (PCT/US2015/043671)
  - [87] (WO2016/022600)
  - [30] US (14/453,488) 2014-08-06
- 

**[21] 2,957,187**  
[13] A1

- [51] Int.Cl. C07D 213/79 (2006.01)
  - [25] EN
  - [54] PROCESS FOR THE PREPARATION OF 4,5,6-TRICHLOROPICOLINIC ACID
  - [54] PROCEDE DE PREPARATION D'ACIDE 4,5,6-TRICHLOROPICOLINIQUE
  - [72] GRANDBOIS, MATTHEW L., US
  - [72] LAITAR, DAVID S., US
  - [72] RENGA, JAMES M., US
  - [72] WHITEKER, GREGORY T., US
  - [71] DOW AGROSCIENCES LLC, US
  - [85] 2017-02-02
  - [86] 2015-08-05 (PCT/US2015/043707)
  - [87] (WO2016/022623)
  - [30] US (62/033,970) 2014-08-06
- 

**[21] 2,957,202**  
[13] A1

- [51] Int.Cl. A61J 7/00 (2006.01)
  - [25] EN
  - [54] PILL SPEED AND POSITION SENSOR
  - [54] CAPTEUR DE POSITION ET DE VITESSE DE PILULES
  - [72] JACOBS, ALAN, US
  - [71] PERCEPTIMED, INC., US
  - [85] 2017-02-02
  - [86] 2014-08-08 (PCT/US2014/050439)
  - [87] (WO2016/022158)
- 

**[21] 2,957,207**  
[13] A1

- [51] Int.Cl. C07D 417/14 (2006.01) A01N 43/78 (2006.01) A01N 47/38 (2006.01) A01N 47/42 (2006.01) A01P 3/00 (2006.01) C07C 33/26 (2006.01) C07C 33/46 (2006.01) C07C 43/205 (2006.01) C07C 43/23 (2006.01) C07C 309/65 (2006.01) C07C 309/66 (2006.01) C07C 309/71 (2006.01) C07C 317/22 (2006.01)

[25] EN  
[54] FUSED 11-MEMBERED COMPOUNDS AND AGRICULTURAL/HORTICULTURAL FUNGICIDES CONTAINING THEM

- [54] COMPOSE CYCLIQUE A 11 ELEMENTS CONDENSE ET FONGICIDE POUR L'AGRICULTURE ET L'HORTICULTURE LE COMPRENANT
- [72] WADA, HIROSHI, JP
- [72] HORIKOSHI, DAISUKE, JP
- [72] BAMBA, MAKOTO, JP
- [72] KAWANO, TSUYOSHI, JP
- [72] SAKAGUCHI, TAKATOSHI, JP
- [71] SDS BIOTECH K.K., JP
- [85] 2017-02-02
- [86] 2015-06-11 (PCT/JP2015/066841)
- [87] (WO2016/024434)
- [30] JP (PCT/JP2014/071409) 2014-08-13

**[21] 2,957,211**  
[13] A1

- [51] Int.Cl. C12N 15/82 (2006.01) A61K 39/00 (2006.01) C12P 21/04 (2006.01)

[25] EN  
[54] ORAL DELIVERY OF ANGIOTENSIN CONVERTING ENZYME 2 (ACE2) OR ANGIOTENSIN-(1-7) BIOENCAPSULATED IN PLANT CELLS

- [54] ADMINISTRATION ORALE D'ENZYME DE CONVERSION DE L'ANGIOTENSINE 2 (ACE2) OU D'ANGIOTENSINE-(1-7) BIOENCAPSULEE DANS DES CELLULES VEGETALES

[72] DANIELL, HENRY, US  
[72] LI, QIUHONG, US  
[72] RAIZADA, MOHAN K., US  
[71] TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[85] 2017-01-20  
[86] 2014-10-20 (PCT/US2014/061428)  
[87] (WO2015/058214)  
[30] US (61/892,717) 2013-10-18  
[30] US (61/943,754) 2014-02-24  
[30] US (61/952,078) 2014-03-12

---

**[21] 2,957,219**  
[13] A1

- [51] Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 3/00 (2006.01)

[25] EN  
[54] ANGIOPOIETIN-LIKE 4 ANTIBODIES AND METHODS OF USE

- [54] ANTICORPS DE L'ANGIOPOIETINE-LIKE 4 ET PROCEDES D'UTILISATION CORRESPONDANTS

[72] TRAUGER, JOHN, US  
[72] VOZNESENSKY, ANDREI IGOREVICH, US  
[71] NOVARTIS AG, CH  
[85] 2017-02-02  
[86] 2015-08-06 (PCT/IB2015/055986)  
[87] (WO2016/020880)  
[30] US (62/034,409) 2014-08-07

## PCT Applications Entering the National Phase

|  |   |   |
|--|---|---|
| <p style="text-align: right;"><b>[21] 2,957,220</b><br/>[13] A1</p> <p>[51] Int.Cl. A61B 1/00 (2006.01) A61B 1/005 (2006.01)<br/>[25] EN<br/>[54] MEDICAL DEVICES AND METHODS OF PLACEMENT<br/>[54] DISPOSITIFS MEDICAUX ET LEURS PROCEDES DE MISE EN PLACE<br/>[72] MOLNAR, ROBERT W., US<br/>[71] WM &amp; DG, INC., US<br/>[85] 2017-02-02<br/>[86] 2015-08-06 (PCT/US2015/043940)<br/>[87] (WO2016/022759)<br/>[30] US (14/455,470) 2014-08-08<br/>[30] US (14/798,751) 2015-07-14</p>   | <p style="text-align: right;"><b>[21] 2,957,227</b><br/>[13] A1</p> <p>[51] Int.Cl. H01R 13/62 (2006.01) H01R 13/629 (2006.01) H01R 13/64 (2006.01)<br/>[25] EN<br/>[54] ROTATABLE AND REMOVABLE MULTI-PIN EXPLOSION PROOF CONNECTOR ASSEMBLY<br/>[54] ENSEMBLE RACCORD ANTIDEFLAGRANT MULTIBROCHE ROTATIF ET AMOVIBLE<br/>[72] JANITCH, PAUL G., US<br/>[71] MAGNETROL INTERNATIONAL, INCORPORATED, US<br/>[85] 2017-02-02<br/>[86] 2016-02-11 (PCT/US2016/017455)<br/>[87] (WO2016/130747)<br/>[30] US (14/619,222) 2015-02-11</p>  | <p style="text-align: right;"><b>[21] 2,957,240</b><br/>[13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61K 31/592 (2006.01) A61K 31/593 (2006.01) A61K 31/663 (2006.01) A61P 3/02 (2006.01) A61P 35/00 (2006.01)<br/>[25] EN<br/>[54] ADJUNCTIVE THERAPY WITH 25-HYDROXYVITAMIN D<br/>[54] THERAPIE D'APPOINT AVEC DE LA 25-HYDROXYVITAMINE D<br/>[72] PETKOVICH, P. MARTIN, CA<br/>[72] MELNICK, JOEL Z., US<br/>[72] WHITE, JAY A., CA<br/>[72] TABASH, SAMIR P., CA<br/>[72] BISHOP, CHARLES W., US<br/>[72] PEERS, SUSAN H., CA<br/>[72] STRUGNELL, STEPHEN A., US<br/>[71] OPKO IRELAND GLOBAL HOLDINGS, LTD., KY<br/>[85] 2017-02-03<br/>[86] 2015-08-06 (PCT/EP2015/068219)<br/>[87] (WO2016/020508)<br/>[30] US (62/034,604) 2014-08-07</p> |
| <p style="text-align: right;"><b>[21] 2,957,228</b><br/>[13] A1</p> <p>[51] Int.Cl. A01N 63/02 (2006.01)<br/>[25] EN<br/>[54] BACTERIAL SPORE COMPOSITIONS FOR INDUSTRIAL USES<br/>[54] COMPOSITIONS DE SPORES BACTERIENNES A USAGES INDUSTRIELS<br/>[72] HASHMAN, TOMMIE EUGENE, US<br/>[71] ENVERA, LLC, US<br/>[85] 2017-02-02<br/>[86] 2015-08-06 (PCT/US2015/043979)<br/>[87] (WO2016/022779)<br/>[30] US (62/033,825) 2014-08-06<br/>[30] US (14/819,583) 2015-08-06<br/>[30] US (14/819,577) 2015-08-06</p>                 | <p style="text-align: right;"><b>[21] 2,957,228</b><br/>[13] A1</p> <p>[51] Int.Cl. A63D 5/08 (2006.01) A63D 5/00 (2006.01) A63D 5/09 (2006.01)<br/>[25] EN<br/>[54] BOWLING PIN SETTING SYSTEMS AND METHODS WITH RECONFIGURABLE PIN SETTING ARRAY<br/>[54] SYSTEMES DE MISE EN PLACE DE QUILLES DE BOWLING ET PROCEDES UTILISANT UN ENSEMBLE RECONFIGURABLE DE MISE EN PLACE DE QUILLES<br/>[72] LYTER, TOD S., US<br/>[72] ARSENAULT, RICHARD, US<br/>[72] LEIGHTON, CLARENCE, US<br/>[71] LYTER, TOD S., US<br/>[71] ARSENAULT, RICHARD, US<br/>[71] LEIGHTON, CLARENCE, US<br/>[85] 2017-02-02<br/>[86] 2015-08-07 (PCT/US2015/044344)<br/>[87] (WO2016/022986)<br/>[30] US (62/034,544) 2014-08-07</p> | <p style="text-align: right;"><b>[21] 2,957,241</b><br/>[13] A1</p> <p>[51] Int.Cl. A61B 17/70 (2006.01)<br/>[25] EN<br/>[54] ARTICULATING ROD INSERTER<br/>[54] DISPOSITIF D'INSERTION DE TIGE D'ARTICULATION<br/>[72] SEMINGSON, TAYLOR, US<br/>[72] BLAIN, JASON, US<br/>[71] SPINAL ELEMENTS, INC, US<br/>[85] 2017-02-02<br/>[86] 2015-08-10 (PCT/US2015/044527)<br/>[87] (WO2016/025408)<br/>[30] US (62/036,053) 2014-08-11</p>  |
| <p style="text-align: right;"><b>[21] 2,957,225</b><br/>[13] A1</p> <p>[51] Int.Cl. A61K 31/501 (2006.01) C07D 417/14 (2006.01)<br/>[25] EN<br/>[54] CRYSTAL FORMS OF GLUTAMINASE INHIBITORS<br/>[54] FORMES CRISTALLINES D'INHIBITEURS DE GLUTAMINASE<br/>[72] STANTON, TIMOTHY F., US<br/>[72] SPRINGER, JAMES J., US<br/>[72] WILLIAMS, JACQUELINE N., US<br/>[71] CALITHERA BIOSCIENCES, INC., US<br/>[85] 2017-02-02<br/>[86] 2015-08-07 (PCT/US2015/044301)<br/>[87] (WO2016/022969)<br/>[30] US (62/034,547) 2014-08-07</p> |   |   |

## Demandes PCT entrant en phase nationale

---

|   |
|---|
| <p>[21] <b>2,957,245</b><br/>[13] A1</p> <p>[51] Int.Cl. A61F 13/15 (2006.01) A61K 8/02 (2006.01) A61K 8/92 (2006.01) A61K 8/97 (2017.01) A61L 15/34 (2006.01) A61L 15/46 (2006.01) A61Q 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTI-RASH FORMULATION BASED ON NATURAL MATERIALS</p> <p>[54] ARTICLE ABSORBANT JETABLE COMPRENANT UNE FORMULE ANTI-FROTTEMENTS A BASE DE COMPOSANTS NATURELS</p> <p>[72] FAJARDO ESLAVA, BERNARDO, MX</p> <p>[72] MARTINI MERLO, JUAN MIGUEL, MX</p> <p>[72] CANALES ESPINOSA DE LOS MONTEROS, CARLOS, MX</p> <p>[72] SANCHEZ FERNANDEZ, LUCIA DEL CARMEN, MX</p> <p>[71] GRUPO P.I. MABE, S.A. DE C.V., MX</p> <p>[85] 2017-02-03</p> <p>[86] 2014-08-04 (PCT/IB2014/063690)</p> <p>[87] (WO2016/020721)</p> |
|---|

|  |
|--|
| <p>[21] <b>2,957,250</b><br/>[13] A1</p> <p>[51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 25/04 (2006.01)</p> <p>[25] EN</p> <p>[54] OLIGONUCLEOTIDE DECOYS FOR THE TREATMENT OF PAIN</p> <p>[54] LEURRES OLIGONUCLEOTIDIQUES POUR LE TRAITEMENT DE LA DOULEUR</p> <p>[72] MAMET, JULIEN, US</p> <p>[72] ORR, RICK, US</p> <p>[72] MANNING, DON, US</p> <p>[72] HARRIS, SCOTT, US</p> <p>[72] MARTIN, WILLIAM, US</p> <p>[71] ADYNXX, INC., US</p> <p>[85] 2017-02-02</p> <p>[86] 2015-08-14 (PCT/US2015/045268)</p> <p>[87] (WO2016/025829)</p> <p>[30] US (62/037,996) 2014-08-15</p> |
|--|

|  |
|--|
| <p>[21] <b>2,957,253</b><br/>[13] A1</p> <p>[51] Int.Cl. B65D 30/10 (2006.01) B65D 33/25 (2006.01)</p> <p>[25] EN</p> <p>[54] BAG FOR DISPOSABLE HYGIENIC ARTICLES PACKAGING</p> <p>[54] SAC POUR L'EMBALLAGE D'ARTICLES HYGIENIQUES JETABLES</p> <p>[72] CANALES ESPINOSA DE LOS MONTEROS, CARLOS, MX</p> <p>[72] SANCHEZ FERNANDEZ, LUCIA DEL CARMEN, MX</p> <p>[71] GRUPO P.I. MABE, S.A. DE C.V., MX</p> <p>[85] 2017-02-03</p> <p>[86] 2014-08-04 (PCT/IB2014/063690)</p> <p>[87] (WO2016/020720)</p> |
|--|

|  |
|--|
| <p>[21] <b>2,957,257</b><br/>[13] A1</p> <p>[51] Int.Cl. B03B 11/00 (2006.01) B03B 13/00 (2006.01) B04C 5/14 (2006.01)</p> <p>[25] EN</p> <p>[54] AN APPARATUS AND METHOD FOR REMOVING AN UNDERFLOW STREAM</p> <p>[54] APPAREIL ET PROCEDE POUR ELIMINER UN COURANT DE SOUS-ÉCOULEMENT</p> <p>[72] GALVIN, KEVIN PATRICK, AU</p> <p>[71] NEWCASTLE INNOVATION LIMITED, AU</p> <p>[85] 2017-02-03</p> <p>[86] 2015-07-29 (PCT/AU2015/000453)</p> <p>[87] (WO2016/019411)</p> <p>[30] AU (2014903049) 2014-08-06</p> |
|--|

|   |
|---|
| <p>[21] <b>2,957,254</b><br/>[13] A1</p> <p>[51] Int.Cl. E04C 3/12 (2006.01) B27B 1/00 (2006.01) B27M 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] A GLUELAM STRUCTURAL MEMBER AND A METHOD OF PRODUCING SUCH A GLUELAM STRUCTURAL MEMBER</p> <p>[54] ELEMENT STRUCTUREL DE LAMELLE-COLLE, ET PROCEDE DE PRODUCTION D'UN TEL ELEMENT STRUCTUREL DE LAMELLE-COLLE</p> <p>[72] HIRMKE, MARKUS, AT</p> <p>[71] STORA ENSO OYJ, FI</p> <p>[85] 2017-02-03</p> <p>[86] 2015-08-05 (PCT/IB2015/055934)</p> <p>[87] (WO2016/020848)</p> <p>[30] SE (1450929-3) 2014-08-08</p> |
|---|

|  |
|--|
| <p>[21] <b>2,957,258</b><br/>[13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01)</p> <p>[25] EN</p> <p>[54] IMMUNOLOGICAL REAGENTS</p> <p>[54] REACTIFS IMMUNOLOGIQUES</p> <p>[72] PANTALEO, GIUSEPPE, CH</p> <p>[72] FENWICK, CRAIG, CH</p> <p>[71] MABQUEST SA, CH</p> <p>[85] 2017-02-03</p> <p>[86] 2015-08-05 (PCT/IB2015/055943)</p> <p>[87] (WO2016/020856)</p> <p>[30] US (62/033,177) 2014-08-05</p> <p>[30] US (62/053,366) 2014-09-22</p> <p>[30] US (62/093,368) 2014-12-17</p> |
|--|

|  |
|--|
| <p>[21] <b>2,957,255</b><br/>[13] A1</p> <p>[51] Int.Cl. G03G 21/16 (2006.01) G03G 15/08 (2006.01)</p> <p>[25] EN</p> <p>[54] POWDER CONTAINER AND IMAGE FORMING APPARATUS</p> <p>[54] RESERVOIR A POUDRE ET APPAREIL DE FORMATION D'IMAGES</p> <p>[72] YAMABE, JUNJI, JP</p> <p>[72] TAKAMI, NOBUO, JP</p> <p>[71] RICOH COMPANY, LIMITED, JP</p> <p>[85] 2017-02-03</p> <p>[86] 2015-08-05 (PCT/JP2015/003951)</p> <p>[87] (WO2016/021200)</p> <p>[30] JP (2014-162981) 2014-08-08</p> <p>[30] JP (2014-201909) 2014-09-30</p> |
|--|

|  |
|--|
| <p>[21] <b>2,957,259</b><br/>[13] A1</p> <p>[51] Int.Cl. G21C 1/14 (2006.01) G21C 1/22 (2006.01) G21C 15/18 (2006.01) G21C 17/02 (2006.01) G21C 17/10 (2006.01)</p> <p>[25] EN</p> <p>[54] INTEGRAL MOLTEN SALT REACTOR</p> <p>[54] REACTEUR INTEGRE A SELS FONDUS</p> <p>[72] LEBLANC, DAVID, CA</p> <p>[71] TERRESTRIAL ENERGY INC., CA</p> <p>[85] 2017-02-03</p> <p>[86] 2014-08-05 (PCT/CA2014/050733)</p> <p>[87] (WO2015/017928)</p> <p>[30] US (61/862,378) 2013-08-05</p> |
|--|

## PCT Applications Entering the National Phase

---

**[21] 2,957,262**  
[13] A1

- [51] Int.Cl. H04W 24/10 (2009.01) H04L 5/00 (2006.01)
- [25] EN
- [54] CHANNEL QUALITY REPORTING METHOD AND APPARATUS
- [54] PROCEDE ET DISPOSITIF DE CREATION DE RAPPORT DE QUALITE DE CANAL
- [72] WEN, RONGHUI, CN
- [72] LV, YONGXIA, CN
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
- [85] 2017-02-03
- [86] 2014-08-04 (PCT/CN2014/083630)
- [87] (WO2016/019494)

**[21] 2,957,263**  
[13] A1

- [51] Int.Cl. A61K 47/42 (2017.01) A61K 35/644 (2015.01) A61K 9/70 (2006.01) A61K 47/36 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS FOR ENHANCING HEALING AND REGENERATION OF BONE AND SOFT TISSUE
- [54] COMPOSITIONS ET PROCEDES POUR AMELIORER LA CICATRISATION ET LA REGENERATION DE TISSUS OSSEUX ET DE TISSUS MOUS
- [72] BOWLIN, GARY LEE, US
- [72] RODRIGUEZ, ISAAC ANTHONY, US
- [72] BURGER, BRENTON WALTER, US
- [71] THE UNIVERSITY OF MEMPHIS, US
- [85] 2017-02-03
- [86] 2015-08-05 (PCT/US2015/043789)
- [87] (WO2016/022670)
- [30] US (62/033,599) 2014-08-05

**[21] 2,957,265**  
[13] A1

- [51] Int.Cl. A63H 3/28 (2006.01) A63H 3/33 (2006.01)
- [25] EN
- [54] ELECTRONIC TOY WITH RADIAL INDEPENDENT CONNECTOR AND ASSOCIATED COMMUNICATION PROTOCOL
- [54] JOUET ELECTRONIQUE AYANT UN CONNECTEUR INDEPENDANT RADIAL, ET PROTOCOLE DE COMMUNICATION ASSOCIE
- [72] CHEN, DONG GOU, CN
- [72] CHO, PUI LAM, CN
- [72] WONG, WAI SING, CN
- [71] VTECH ELECTRONICS, LTD., CN
- [85] 2017-02-03
- [86] 2014-08-15 (PCT/CN2014/084542)
- [87] (WO2016/023234)

**[21] 2,957,267**  
[13] A1

- [51] Int.Cl. C12Q 1/68 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12N 15/09 (2006.01) G01N 33/53 (2006.01) G01N 37/00 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR COMPARATIVE ANALYSIS OF miRNA EXPRESSION LEVEL
- [54] PROCEDE ET DISPOSITIF POUR L'ANALYSE COMPARATIVE DU NIVEAU D'EXPRESSION DE MIARN
- [72] KOZONO, SATOKO, JP
- [72] KONDOU, SATOSHI, JP
- [71] TORAY INDUSTRIES, INC., JP
- [85] 2017-02-03
- [86] 2015-09-15 (PCT/JP2015/076085)
- [87] (WO2016/043170)
- [30] JP (2014-187685) 2014-09-16

**[21] 2,957,271**  
[13] A1

- [51] Int.Cl. G03G 9/08 (2006.01) G03G 9/087 (2006.01)
- [25] EN
- [54] TONER
- [54] ENCRE EN POUDRE
- [72] TAKAHASHI, SATOSHI, JP
- [72] MORIYA, YOSHIHIRO, JP
- [72] INOUE, RYOTA, JP
- [72] ISHIKAWA, MASAHIKO, JP
- [72] YAMAGUCHI, TATSUKI, JP
- [72] KOJIMA, SATOSHI, JP
- [71] RICOH COMPANY, LTD., JP
- [85] 2017-02-03
- [86] 2015-07-17 (PCT/JP2015/070524)
- [87] (WO2016/021393)
- [30] JP (2014-160403) 2014-08-06

**[21] 2,957,272**  
[13] A1

- [51] Int.Cl. A61J 7/02 (2006.01)
- [25] EN
- [54] DISPENSABLE UNIT RETRIEVAL MECHANISM, IDENTIFICATION, AND NETWORKED NOTIFICATION
- [54] MECANISME D'EXTRACTION D'UNITES DELIVRABLES, IDENTIFICATION, ET NOTIFICATION EN RESEAU
- [72] AKDOGAN, KUTADGU, US
- [72] VON HEIFNER, CHRISTIAN, US
- [72] KELLEY, MAYA, US
- [72] HAGOPIAN, GREGORY PAUL, US
- [72] VEPURI, KALYAN C., US
- [71] MAKEFIELD LLC, US
- [85] 2017-02-03
- [86] 2015-08-05 (PCT/US2015/043848)
- [87] (WO2016/022714)
- [30] US (62/033,498) 2014-08-05

## Demandes PCT entrant en phase nationale

---

**[21] 2,957,277**

[13] A1

- [51] Int.Cl. A61B 17/24 (2006.01) A61B 90/96 (2016.01) A61B 90/98 (2016.01) A61B 17/12 (2006.01)
  - [25] EN
  - [54] COORDINATED DELIVERY OF COPD TREATMENT
  - [54] ADMINISTRATION COORDONNEE D'UN TRAITEMENT DE LA BRONCHO-PNEUMOPATHIE CHRONIQUE OBSTRUCTIVE
  - [72] MATHIS, MARK L., US
  - [72] RODRIGUEZ, Verna, US
  - [72] ETTER, JEFFREY, US
  - [72] MITZ, KEVIN, US
  - [72] STEVEN, CHRISTOPH, US
  - [72] LEHRBERG, DAVID, US
  - [71] PNEUMRX, INC., US
  - [85] 2017-02-02
  - [86] 2015-08-17 (PCT/US2015/045514)
  - [87] (WO2016/025949)
  - [30] US (62/038,058) 2014-08-15
- 

**[21] 2,957,279**

[13] A1

- [51] Int.Cl. F04D 1/06 (2006.01)
- [25] EN
- [54] IMPELLER WITH AXIALLY CURVING VANE EXTENSIONS TO PREVENT AIRLOCK
- [54] TURBINE A EXTENSIONS D'AUBES INCURVEES AXIALEMENT POUR EVITER UNE POCHE D'AIR
- [72] LOPES, JEFFREY D., US
- [71] FLOW CONTROL LLC., US
- [85] 2017-02-03
- [86] 2015-08-06 (PCT/US2015/043982)
- [87] (WO2016/022781)
- [30] US (62/033,814) 2014-08-06

**[21] 2,957,280**

[13] A1

- [51] Int.Cl. G06F 1/26 (2006.01)
  - [25] EN
  - [54] MULTIFUNCTION PASS-THROUGH WALL POWER PLUG WITH COMMUNICATION RELAY AND RELATED METHOD
  - [54] PRISE D'ALIMENTATION DE TRANSIT MURALE MULTIFONCTION MUNIE D'UN RELAIS DE COMMUNICATION, ET PROCEDE ASSOCIE
  - [72] TETREAULT, MICHAEL, US
  - [72] FERGUSON, ERIC, US
  - [72] DAVIS, DAVID, US
  - [72] MONTEITH, SHAWN, US
  - [72] MURRAY, MICHAEL, US
  - [71] IDEVICES, LLC, US
  - [85] 2017-02-03
  - [86] 2015-08-11 (PCT/US2015/044703)
  - [87] (WO2016/025511)
  - [30] US (61/999,914) 2014-08-11
- 

**[21] 2,957,282**

[13] A1

- [51] Int.Cl. A01N 31/06 (2006.01) A01N 27/00 (2006.01) A01N 31/02 (2006.01) B05B 9/03 (2006.01)
- [25] EN
- [54] VOLATILE ORGANIC COMPOUNDS FOR INHIBITING FUNGAL GROWTH
- [54] COMPOSES ORGANIQUES VOLATILS PERMETTANT D'INHIBER LA CROISSANCE FONGIQUE
- [72] GABRIEL, KYLE T., US
- [72] CORNELISON, CHRISTOPHER T., US
- [71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
- [85] 2017-02-03
- [86] 2015-08-12 (PCT/US2015/044807)
- [87] (WO2016/025572)
- [30] US (62/036,497) 2014-08-12
- [30] US (62/047,433) 2014-09-08

**[21] 2,957,286**

[13] A1

- [51] Int.Cl. G01N 33/58 (2006.01) C12Q 1/68 (2006.01)
  - [25] EN
  - [54] METHOD OF DETECTION OF ANALYTE ACTIVE FORMS AND DETERMINATION OF THE ABILITY OF SUBSTANCES TO BIND INTO ANALYTE ACTIVE SITES
  - [54] PROCEDE DE DETECTION DE FORMES ACTIVES D'ANALYTE ET DE DETERMINATION DE LA CAPACITE DE SUBSTANCES A SE LIER DANS DES SITES ACTIFS D'ANALYTE
  - [72] NAVRATIL, VACLAV, CZ
  - [72] SACHA, PAVEL, CZ
  - [72] SCHIMER, JIRI, CZ
  - [72] KONVALINKA, JAN, CZ
  - [72] MAJER, PAVEL, CZ
  - [71] USTAV ORGANICKÉ CHEMIE A BIOCHEMIE AKADEMIE VED CR, V.V.I., CZ
  - [85] 2017-02-03
  - [86] 2015-08-04 (PCT/CZ2015/000084)
  - [87] (WO2016/019929)
  - [30] CZ (PV 2014-527) 2014-08-05
- 

**[21] 2,957,289**

[13] A1

- [51] Int.Cl. A47C 17/207 (2006.01)
- [25] EN
- [54] SEATING UNIT CONVERTIBLE TO BED
- [54] UNITE D'ASSISE CONVERTIBLE EN LIT
- [72] MURPHY, MARCUS L., US
- [71] ULTRA-MEK, INC., US
- [85] 2017-02-03
- [86] 2015-08-24 (PCT/US2015/046555)
- [87] (WO2016/032965)
- [30] US (62/041,264) 2014-08-25
- [30] US (14/539,235) 2014-11-12

## PCT Applications Entering the National Phase

**[21] 2,957,290**  
[13] A1

- [51] Int.Cl. C07F 15/00 (2006.01) A61K 31/24 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] PLATINUM (IV) COMPLEX WITH INCREASED ANTITUMOR EFFICACY
- [54] COMPLEXE DE PLATINE (IV) AYANT UNE EFFICACITE ANTITUMORALE ACCRUE
- [72] KYSILKA, VLADIMIR, CZ
- [72] MENGLER, JAN, CZ
- [72] HAVLOVIC, KAREL, CZ
- [72] KACER, PETR, CZ
- [72] CERVENY, LIBOR, CZ
- [71] VUAB PHARMA A.S., CZ
- [85] 2017-02-03
- [86] 2014-09-03 (PCT/EP2014/068672)
- [87] (WO2016/034214)

**[21] 2,957,302**  
[13] A1

- [51] Int.Cl. C12N 15/82 (2006.01) A01N 37/18 (2006.01) A01N 43/42 (2006.01) C12N 15/63 (2006.01)
- [25] EN
- [54] CHROMOBACTERIUM SUBTSUGAE GENES
- [54] GENES DE CHROMOBACTERIUM SUBTSUGAE
- [72] CORDOVA-KREYLOS, ANA LUCIA, US
- [72] BURMAN, SCOTT, US
- [72] WILK, DEBORA, US
- [71] MARRONE BIO INNOVATIONS, INC., US
- [85] 2017-02-03
- [86] 2015-08-31 (PCT/US2015/047649)
- [87] (WO2016/036635)
- [30] US (62/046,672) 2014-09-05

**[21] 2,957,303**  
[13] A1

- [51] Int.Cl. E04G 11/48 (2006.01) E04G 11/36 (2006.01) E04G 17/18 (2006.01)
- [25] EN
- [54] CONCRETE FORMWORK AND A FORMWORK SUPPORT BRACKET
- [54] COFFRAGE DE BETON ET CONSOLE DE SUPPORT DE COFFRAGE
- [72] ROSATI, EMILIO, AU
- [71] FORM 700 PTY LTD, AU
- [85] 2017-02-06
- [86] 2015-08-19 (PCT/AU2015/000495)
- [87] (WO2016/025983)
- [30] AU (2014215950) 2014-08-19

**[21] 2,957,307**  
[13] A1

- [51] Int.Cl. C01B 39/02 (2006.01) C01B 39/04 (2006.01) C01B 39/20 (2006.01)
- [25] EN
- [54] PREPARATION OF MESOPOROUS ZEOLITES WITH REDUCED PROCESSING
- [54] PREPARATION DE ZEOLITES MESOPOREUSES AVEC TRAITEMENT REDUIT
- [72] BOORSE, R. SAMUEL, US
- [72] LI, KUNHAO, US
- [71] RIVE TECHNOLOGY, INC., US
- [85] 2017-02-03
- [86] 2015-12-11 (PCT/US2015/065278)
- [87] (WO2016/094816)
- [30] US (62/090,680) 2014-12-11

**[21] 2,957,310**  
[13] A1

- [51] Int.Cl. B23K 37/00 (2006.01) B08B 1/00 (2006.01)
- [25] EN
- [54] DEVICE FOR CLEANING WELDS
- [54] DISPOSITIF DE NETTOYAGE DE SOUDURES
- [72] LAPELOSA, MICHELE, IT
- [71] WALTER SURFACE TECHNOLOGIES INC., CA
- [85] 2017-02-06
- [86] 2015-08-04 (PCT/CA2015/050733)
- [87] (WO2016/019460)
- [30] US (62/033,003) 2014-08-04
- [30] US (62/182,814) 2015-06-22

**[21] 2,957,312**  
[13] A1

- [51] Int.Cl. C12P 19/14 (2006.01) C12N 9/42 (2006.01)
- [25] EN
- [54] SACCHARIFYING ENZYME COMPOSITION, SACCHARIFICATION REACTION SOLUTION, AND SUGAR PRODUCTION METHOD
- [54] COMPOSITION D'ENZYME DE SACCHARIFICATION, SOLUTION DE REACTION DE SACCHARIFICATION, ET PROCEDE DE PRODUCTION DE SUCRE
- [72] SEKIGUCHI, KAZUTOSHI, JP
- [71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
- [85] 2017-02-03
- [86] 2015-07-28 (PCT/JP2015/071416)
- [87] (WO2016/021447)
- [30] JP (2014-161788) 2014-08-07

**[21] 2,957,313**  
[13] A1

- [51] Int.Cl. C12N 15/09 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/02 (2006.01) C12P 21/08 (2006.01)
- [25] EN
- [54] NOVEL ANTI-HUMAN IG.BETA. ANTIBODY
- [54] NOUVEL ANTICORPS ANTIIG? HUMAIN
- [72] YAMAJUKU, DAISUKE, JP
- [72] SEKI, MUTSUMI, JP
- [72] HONDA, TAKASHI, JP
- [72] KUBO, SATOSHI, JP
- [72] SOGA, SHINJI, JP
- [72] MORINAKA, AKIFUMI, JP
- [71] ASTELLAS PHARMA INC., JP
- [85] 2017-02-03
- [86] 2015-08-05 (PCT/JP2015/072162)
- [87] (WO2016/021621)
- [30] JP (2014-160141) 2014-08-06

**[21] 2,957,314**  
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01)
- [25] EN
- [54] ANTAGONISTIC ANTI-OX40L ANTIBODIES AND METHODS OF THEIR USE
- [54] ANTICORPS ANTI-OX40L ANTAGONISTES ET LEURS PROCEDES D'UTILISATION
- [72] LIU, YONG-JUN, US
- [72] ZURAWSKI, SANDRA, US
- [72] OH, SANGKON, US
- [72] HANABUCHI, SHINO, US
- [72] FUJITA, HARUYUKI, US
- [72] UENO, HIDEKI, US
- [72] BLANCO, PATRICK, FR
- [72] JOO, HYEMEE, US
- [71] BAYLOR RESEARCH INSTITUTE, US
- [85] 2017-02-03
- [86] 2015-08-03 (PCT/US2015/043408)
- [87] (WO2016/022468)
- [30] US (62/032,959) 2014-08-04

## Demandes PCT entrant en phase nationale

---

**[21] 2,957,318**  
[13] A1

[51] Int.Cl. D06M 23/00 (2006.01) A01N  
25/34 (2006.01)  
[25] EN  
[54] COMPOSITION AND  
APPLICATION METHOD FOR  
SURFACE TREATMENT OF  
CARPETS  
[54] COMPOSITION ET PROCEDE  
D'APPLICATION POUR LE  
TRAITEMENT DE SURFACE DE  
MOQUETTES  
[72] GIBSON, NATALIE M., US  
[72] IVERSON, ISAAC K., US  
[72] IVY, MICHELLE A., US  
[72] WEXLER, FRANKLIN CARTER, US  
[71] INVISTA TECHNOLOGIES S.A R.L.,  
CH  
[85] 2017-02-03  
[86] 2015-08-07 (PCT/US2015/044294)  
[87] (WO2016/022964)  
[30] US (62/034,880) 2014-08-08

---

**[21] 2,957,319**  
[13] A1

[51] Int.Cl. G08B 21/18 (2006.01) E05B  
77/22 (2014.01) E05B 77/44 (2014.01)  
H04L 12/28 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR  
SECURE ENTRY  
[54] SYSTEME ET PROCEDE D'ACCES  
SECURISE  
[72] EVANS, CHRIS, CA  
[72] STAGER, EDWARD, CA  
[71] EVANS, CHRIS, CA  
[85] 2017-02-06  
[86] 2015-08-21 (PCT/CA2015/050800)  
[87] (WO2016/026049)  
[30] US (62/040,159) 2014-08-21

**[21] 2,957,320**  
[13] A1

[51] Int.Cl. F28F 9/00 (2006.01) F28D 7/06  
(2006.01)  
[25] EN  
[54] APPARATUS AND METHOD FOR  
EVAPORATING LIQUIDS  
CONTAINING POTENTIALLY  
EXPLOSIVE IMPURITIES  
[54] APPAREIL ET PROCEDE  
PERMETTANT D'EVAPORER DES  
LIQUIDES CONTENANT DES  
IMPURETES  
POTENTIELLEMENT  
EXPLOSIVES  
[72] SOPPE, ALFRED, CN  
[72] SUN, JIYUAN, CN  
[72] LEIDIG, THORSTEN, DE  
[72] RUNOWSKI, THOMAS, DE  
[72] HEITKAMP, DIETER, DE  
[71] COVESTRO DEUTSCHLAND AG,  
DE  
[85] 2017-02-06  
[86] 2014-08-14 (PCT/CN2014/084399)  
[87] (WO2016/023209)

---

**[21] 2,957,322**  
[13] A1

[51] Int.Cl. A61F 7/03 (2006.01)  
[25] EN  
[54] SELF-HEATING INSULATING  
FILM AND FACE MASK AND EYE  
MASK MANUFACTURED  
THEREFROM  
[54] FILM ISOLANT AUTO-  
CHAUFFANT, ET MASQUE  
FACIAL ET MASQUE OCULAIRE  
FABRIQUES A PARTIR DE CE  
DERNIER  
[72] CHEN, LEI, CN  
[72] HUANG, YINGLUO, CN  
[71] HANDY TECHNOLOGY (ZHUHAI)  
LTD., CN  
[85] 2017-02-06  
[86] 2015-06-17 (PCT/CN2015/081597)  
[87] (WO2016/019762)  
[30] CN (201410382367.4) 2014-08-06  
[30] CN (201410382376.3) 2014-08-06  
[30] CN (201410381994.6) 2014-08-06  
[30] CN (201410382368.9) 2014-08-06

**[21] 2,957,324**  
[13] A1

[51] Int.Cl. A61K 8/02 (2006.01)  
[25] EN  
[54] MULTI-PURPOSE SELF-  
TEMPERATURE CONTROL FILM  
AND FACE MASK AND EYE  
MASK MANUFACTURED  
THEREFROM  
[54] FILM A AUTO-REGULATION DE  
LA TEMPERATURE A USAGES  
MULTIPLES ET MASQUE POUR  
LE VISAGE ET MASQUE POUR  
LES YEUX FABRIQUES A PARTIR  
DE CELUI-CI  
[72] CHEN, LEI, CN  
[72] HUANG, YINGLUO, CN  
[71] HANDY TECHNOLOGY (ZHUHAI)  
LTD., CN  
[85] 2017-02-06  
[86] 2015-06-18 (PCT/CN2015/081721)  
[87] (WO2016/019764)  
[30] CN (201410381963.0) 2014-08-06  
[30] CN (201410382344.3) 2014-08-06  
[30] CN (201410381992.7) 2014-08-06  
[30] CN (201410381980.4) 2014-08-06

---

**[21] 2,957,325**  
[13] A1

[51] Int.Cl. C08J 5/00 (2006.01) B29D  
22/00 (2006.01) B65D 35/00 (2006.01)  
B65D 83/00 (2006.01) B65D 85/00  
(2006.01)  
[25] EN  
[54] A PACK FOR ANAEROBIC  
PRODUCTS  
[54] ENSEMBLE POUR PRODUITS  
ANAEROBIES  
[72] O'SULLIVAN, PETER, IE  
[71] HENKEL IP & HOLDING GMBH, DE  
[85] 2017-02-06  
[86] 2014-08-06 (PCT/EP2014/066948)  
[87] (WO2016/019998)

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] 2,928,169

[13] A1

- [51] Int.Cl. A62C 3/07 (2006.01) B60K 15/03 (2006.01) B64D 37/32 (2006.01) B64D 45/02 (2006.01)  
[25] EN  
[54] IGNITION-QUENCHING SYSTEMS, APPARATUSES, AND METHODS  
[54] SYSTEMES, APPAREILS ET METHODES D'ETOUFFEMENT D'ALLUMAGE  
[72] DAMAZO, JASON SCOTT, US  
[72] KWON, EDDIE, US  
[72] DAY, ARTHUR C., US  
[72] LOWELL, JOHN RUBRECHT, US  
[71] THE BOEING COMPANY, US  
[22] 2016-04-25  
[41] 2017-01-21  
[30] US (14/805,259) 2015-07-21
- 

[21] 2,949,425

[13] A1

- [51] Int.Cl. G01N 21/71 (2006.01) G01N 15/02 (2006.01) G01N 33/28 (2006.01)  
[25] EN  
[54] LASER-INDUCED BREAKDOWN SPECTROSCOPY OF OIL SANDS  
[54] SPECTROSCOPIE DE SABLES BITUMINEUX PAR FRACTIONNEMENT INDUIT PAR LASER  
[72] PAPROSKI, RICHARD, CA  
[72] HARHIRA, AISSA, CA  
[72] DUFORD, DAVID, CA  
[72] EL HADDAD, JOSETTE, CA  
[72] DAUGELA, DARCY, CA  
[72] BLOUIN, ALAIN, CA  
[72] SABSABI, MOHAMAD, CA  
[71] SYNCRUE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA  
[71] NATIONAL RESEARCH COUNCIL CANADA, CA  
[22] 2016-11-23  
[41] 2017-01-23  
[30] US (62/327,293) 2016-04-25

---

[21] 2,950,488

[13] A1

- [51] Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01)  
[25] EN  
[54] SYNTHETIC RESIN CONTAINER  
[54] RECIPIENT EN RESINE SYNTETIQUE  
[72] USAMI, TETSURO, JP  
[71] YOSHINO KOGYOSHO CO., LTD., JP  
[22] 2016-12-01  
[41] 2017-01-31  
[30] JP (JP 2016-185915) 2016-09-23  
[30] JP (JP 2015-255230) 2015-12-25
- 

[21] 2,952,770

[13] A1

- [51] Int.Cl. A61K 6/027 (2006.01) A61C 13/00 (2006.01) C04B 35/01 (2006.01) C04B 35/64 (2006.01)  
[25] EN  
[54] CONTROLLING OF SINTERING KINETICS OF OXIDE CERAMICS  
[54] COMMANDE DE LA CINETIQUE DE FRITTAGE D'OXYDE CERAMIQUE  
[72] ROTHBRUST, FRANK, AT  
[72] RITZBERGER, CHRISTIAN, CH  
[72] BRODKIN, DMITRI, US  
[72] AJMAL, KHAN, US  
[72] SCHWEIGER, MARCEL, CH  
[71] IVOCLAR VIVADENT AG, LI  
[22] 2014-07-21  
[41] 2015-01-29  
[62] 2,917,378  
[30] EP (13177474.7) 2013-07-22

---

[21] 2,952,790

[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 38/44 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 16/40 (2006.01) C12N 9/04 (2006.01) C12N 15/53 (2006.01)  
[25] EN  
[54] MODULATORS OF ADP-DEPENDENT GLUCOKINASE (ADPGK) AND GLYCEROL-3-PHOSPHATE DEHYDROGENASE (GPD2) FOR THERAPY  
[54] MODULATEURS DE GLUCOKINASE ADP-DEPENDANTE (ADPGK) ET DE GLYCEROL-3-PHOSPHATE DESHYDROGENASE (GPD2) A VISEE THERAPEUTIQUE  
[72] GULOW, KARSTEN, DE  
[72] KRAMMER, PETER, DE  
[72] KAMINSKI, MARCIN M., DE  
[72] SAUER, SVEN W., DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE  
[22] 2012-06-08  
[41] 2012-12-13  
[62] 2,838,458  
[30] EP (11004729.7) 2011-06-09

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

---

[21] **2,954,722**

[13] A1

- [51] Int.Cl. C03C 27/10 (2006.01) C08K 5/151 (2006.01) C08K 5/16 (2006.01) C08K 7/14 (2006.01) C08L 89/00 (2006.01)
- [25] EN
- [54] **BIO-BASED BINDERS FOR INSULATION AND NON-WOVEN MATS**
- [54] **LIANTS BIOLOGIQUES POUR L'ISOLATION ET MATS NON TISSÉS**
- [72] HAWKINS, CHRISTOPHER, US
- [72] HERNANDEZ-TORRES, JESUS, US
- [72] CHEN, LIANG, US
- [71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
- [22] 2010-10-08
- [41] 2011-04-14
- [62] 2,777,078
- [30] US (61/250,187) 2009-10-09

[21] **2,955,632**

[13] A1

- [51] Int.Cl. A63B 71/06 (2006.01) G06F 19/00 (2011.01) G11B 27/031 (2006.01)
- [25] EN
- [54] **SYSTEMS AND METHODS FOR TIME-BASED ATHLETIC ACTIVITY MEASUREMENT AND DISPLAY**
- [54] **SISTÈMES ET PROCÉDÉS PERMETTANT DE MESURER ET D'AFFICHER UNE ACTIVITÉ SPORTIVE EN FONCTION DU TEMPS**
- [72] MESCHTER, JAMES, US
- [72] WEAST, AARON B., US
- [72] MOLYNEUX, JAMES, US
- [71] NIKE INNOVATE C.V., US
- [22] 2011-11-10
- [41] 2012-05-18
- [62] 2,817,573
- [30] US (61/412,285) 2010-11-10

[21] **2,955,990**

[13] A1

- [51] Int.Cl. C12Q 1/68 (2006.01) C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12N 15/55 (2006.01) C12N 15/56 (2006.01) C12N 15/63 (2006.01) C12Q 1/22 (2006.01)
- [25] EN
- [54] **GENETICALLY ENGINEERED BIOLOGICAL INDICATOR**
- [54] **INDICATEUR BIOLOGIQUE GENÉTIQUEMENT MODIFIÉ**
- [72] FRANCISKOVICH, PHILLIP P., US
- [72] YIRAVA, WILLIAM A., US
- [72] CREGGER, TRICIA A., US
- [71] AMERICAN STERILIZER COMPANY, US
- [22] 2007-09-19
- [41] 2008-07-03
- [62] 2,667,698
- [30] US (11/533,522) 2006-09-20

[21] **2,956,673**

[13] A1

- [51] Int.Cl. A63F 1/00 (2006.01) A63F 13/80 (2014.01)
- [25] EN
- [54] **SYSTEM AND METHOD FOR PROVIDING A BLACKJACK GAME HAVING ADDITIONAL OPTIONS FOR A PLAYER**
- [54] **SISTÈME ET PROCÉDÉ POUR OFFRIR À UN JOUEUR UN JEU DE BLACK-JACK PRÉSENTANT DES OPTIONS SUPPLEMENTAIRES**
- [72] ASHER, JOSEPH M., US
- [72] FINDLAY, LEWIS C., GB
- [72] RICHES, GUY IAIN OLIVER, GB
- [71] CANTOR INDEX LLC, US
- [22] 2005-10-12
- [41] 2006-04-27
- [62] 2,583,848
- [30] US (10/963,399) 2004-10-12

[21] **2,956,164**

[13] A1

- [51] Int.Cl. F03D 7/02 (2006.01) F03D 17/00 (2016.01)
- [25] EN
- [54] **A METHOD AND SYSTEM FOR CONTROLLING WIND TURBINES**
- [54] **PROCÉDÉ ET SYSTÈME PERMETTANT DE COMMANDER DES ÉOLIENNES**
- [72] BAKER, JONATHAN P., US
- [71] FRONTIER WIND, LLC, US
- [22] 2014-03-11
- [41] 2014-09-15
- [62] 2,845,432
- [30] US (13/837,360) 2013-03-15

[21] **2,956,736**

[13] A1

- [51] Int.Cl. E21B 43/40 (2006.01) C02F 1/04 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) C02F 5/00 (2006.01) E21B 43/24 (2006.01)
- [25] EN
- [54] **PROCESSES FOR TREATING RESERVOIR FLUID COMPRISING MATERIAL PRODUCED FROM A HYDROCARBON CONTAINING RESERVOIR**
- [54] **PROCÉDÉS DE TRAITEMENT DE FLUIDE DE RESERVOIR COMPRENANT UN MATERIAU PROVENANT D'UN RESERVOIR CONTENANT UN HYDROCARBURE**
- [72] DONALD, ANDREW, CA
- [71] SUNCOR ENERGY INC., CA
- [22] 2014-03-28
- [41] 2015-08-06
- [62] 2,847,770
- [30] US (61/936,808) 2014-02-06

[21] **2,956,505**

[13] A1

- [51] Int.Cl. A61F 2/07 (2013.01) A61F 2/04 (2013.01) A61F 2/88 (2006.01)
- [25] EN
- [54] **IMPLANTABLE INTRALUMINAL DEVICE**
- [54] **DISPOSITIF INTRALUMINAL IMPLANTABLE**
- [72] JOHNSON, MATTHEW A., US
- [71] W.L. GORE & ASSOCIATES, INC., US
- [22] 2014-03-04
- [41] 2014-07-10
- [62] 2,895,413
- [30] US (61/748,881) 2013-01-04

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

---

[21] **2,956,750**

[13] A1

[51] Int.Cl. G06Q 30/02 (2012.01)

[25] EN

[54] CUSTOMIZING CONTENT DELIVERY FROM A BRAND PAGE TO A USER IN A SOCIAL NETWORKING ENVIRONMENT  
[54] PERSONNALISATION DE REMISE DE CONTENU ISSU D'UNE PAGE DE MARQUE, A DESTINATION D'UN UTILISATEUR DANS UN ENVIRONNEMENT DE RESEAU SOCIAL

[72] GARCIA-MARTINEZ, ANTONIO FELIPE, US

[72] MATHUR, NIPUN, US

[71] FACEBOOK, INC., US

[22] 2013-07-18

[41] 2014-01-23

[62] 2,878,068

[30] US (61/632,428) 2012-07-19

[30] US (13/627,857) 2012-09-26

---

[21] **2,956,841**

[13] A1

[51] Int.Cl. C12N 15/32 (2006.01) A01H 5/00 (2006.01) C07K 14/325 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 21/02 (2006.01)

[25] EN

[54] AXMI-066 AND AXMI-076: DELTA-ENDOTOXIN PROTEINS AND METHODS FOR THEIR USE  
[54] AXMI-066 ET AXMI-076 : PROTEINES DE DELTA-ENDOTOXINE ET LEURS PROCEDES D'UTILISATION

[72] TOMSO, DANIEL J., US

[72] SAMPSON, KIMBERLY S., US

[72] AGARWAL, SHRUTI, US

[72] VOLRATH, SANDRA, US

[72] DESAI, NALINI, US

[72] HEINRICHS, VOLKER, US

[71] ATHENIX CORPORATION, US

[22] 2008-10-16

[41] 2009-04-23

[62] 2,702,998

[30] US (60/980,439) 2007-10-16

---



---

[21] **2,956,948**

[13] A1

[51] Int.Cl. G01B 21/16 (2006.01) G01B 7/14 (2006.01)

[25] EN

[54] ELECTRONIC SELF-CALIBRATION FOR SENSOR CLEARANCE

[54] AUTO-ETALONNAGE ELECTRONIQUE POUR JEU DE CAPTEUR(S)

[72] ANDARAWIS, EMAD ANDARAWIS, US

[72] HASZ, WAYNE CHARLES, US

[72] CHAN, DAVID SO KEUNG, US

[72] SHADDOCK, DAVID MULFORD, US

[72] DOWN, JOHN HARRY, US

[72] DASGUPTA, SAMHITA, US

[72] ESLER, DAVID RICHARD, US

[72] REN, ZHIYUAN, US

[72] BALASUBRAMANIAM, MAHADEVAN, US

[72] KOUADA, IBRAHIM ISSOUFOU, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2009-10-09

[41] 2011-04-09

[62] 2,682,067

---



---

[21] **2,957,010**

[13] A1

[51] Int.Cl. A61B 18/04 (2006.01) A61B 17/16 (2006.01) A61B 17/34 (2006.01) A61B 18/14 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS FOR NAVIGATING AN INSTRUMENT THROUGH BONE

[54] SYSTEMES ET PROCEDES POUR PILOTER UN INSTRUMENT A TRAVERS UN OS

[72] PELLEGRINO, RICHARD, US

[72] PATEL, SAMIT, US

[72] CARRISON, HAROLD, US

[71] RELIEVANT MEDSYSTEMS, INC., US

[22] 2009-09-25

[41] 2010-04-01

[62] 2,737,374

[30] US (61/100,553) 2008-09-26

---



---

[21] **2,957,077**

[13] A1

[51] Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01)

[25] EN

[54] METHOD AND DEVICE FOR THREE-DIMENSIONAL SURFACE DETECTION WITH A DYNAMIC REFERENCE FRAME

[54] PROCEDE ET DISPOSITIF POUR UNE DETECTION DE SURFACE TRIDIMENSIONNELLE A L'AIDE D'UN CADRE DE REFERENCE DYNAMIQUE

[72] HAUSLER, GERD, DE

[71] HAUSLER, GERD, DE

[22] 2010-06-01

[41] 2010-12-09

[62] 2,762,038

[30] US (61/182,927) 2009-06-01

[30] US (12/791,461) 2010-06-01

---



---

[21] **2,957,133**

[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01) G06Q 50/32 (2012.01) G06F 17/30 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS FOR PROVIDING PERSONALIZED DELIVERY SERVICES

[54] SYSTEMES ET PROCEDES DE PRESTATION DE SERVICES DE LIVRAISON PERSONNALISES

[72] RIZZO, JOE S., US

[72] SHROFF, SUMEET, US

[72] KLINGENBERG, ROBERT, US

[71] UNITED PARCEL SERVICE OF AMERICA, INC., US

[22] 2006-06-20

[41] 2007-01-04

[62] 2,885,818

[30] US (60/692,849) 2005-06-21

[30] US (60/701,712) 2005-07-22

[30] US (60/750,684) 2005-12-14

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

---

[21] **2,957,135**

[13] A1

- [51] Int.Cl. G06Q 10/08 (2012.01) G06Q 50/32 (2012.01) G06F 17/30 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR PROVIDING PERSONALIZED DELIVERY SERVICES  
[54] SYSTEMES ET PROCEDES DE PRESTATION DE SERVICES DE LIVRAISON PERSONNALISES  
[72] RIZZO, JOE S., US  
[72] SHROFF, SUMEET, US  
[72] KLINGENBERG, ROBERT, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[22] 2006-06-20  
[41] 2007-01-04  
[62] 2,885,818  
[30] US (60/692,849) 2005-06-21  
[30] US (60/701,712) 2005-07-22  
[30] US (60/750,684) 2005-12-14

[21] **2,957,197**

[13] A1

- [51] Int.Cl. C12P 19/34 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2006.01)  
[25] EN  
[54] SINGLE-PRIMER NUCLEIC ACID AMPLIFICATION METHODS  
[54] TECHNIQUES D'AMPLIFICATION D'ACIDE NUCLEIQUE AVEC UNE SEULE AMORCE  
[72] BECKER, MICHAEL M., US  
[72] LAM, WAI-CHUNG, US  
[72] LIVEZEY, KRISTIN W., US  
[72] BRENTANO, STEVEN T., US  
[72] KOLK, DANIEL P., US  
[72] SCHRODER, ASTRID R. W., US  
[71] GEN-PROBE INCORPORATED, US  
[22] 2005-08-26  
[41] 2006-03-09  
[62] 2,577,122  
[30] US (60/604,830) 2004-08-27  
[30] US (60/639,110) 2004-12-23

---

[21] **2,957,147**

[13] A1

- [51] Int.Cl. E05F 3/18 (2006.01) E05F 1/00 (2006.01)  
[25] EN  
[54] DOOR ACTUATOR  
[54] VERIN DE PORTE  
[72] MCKIBBEN, AARON PATRICK, US  
[72] EICKHOFF, BRIAN CHRISTOPHER, US  
[71] SCHLAGE LOCK COMPANY LLC, US  
[22] 2012-02-22  
[41] 2012-08-30  
[62] 2,828,404  
[30] US (13/243,657) 2011-09-23  
[30] US (13/243,666) 2011-09-23  
[30] US (61/445,419) 2011-02-22

[21] **2,957,200**

[13] A1

- [51] Int.Cl. C12Q 1/70 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR DETECTING WEST NILE VIRUS  
[54] COMPOSITIONS ET METHODES DE DETECTION DU VIRUS DU NIL OCCIDENTAL  
[72] LINNEN, JEFFREY M., US  
[72] POLLNER, REINHOLD B., US  
[72] WU, WEN, US  
[72] DENNIS, GEOFFREY G., US  
[72] DARBY, PAUL M., US  
[71] GEN-PROBE INCORPORATED, US  
[22] 2003-10-16  
[41] 2004-04-29  
[62] 2,868,618  
[30] US (61/418,891) 2002-10-16  
[30] US (60/429,006) 2002-11-25  
[30] US (60/449,810) 2003-02-24

# Index of Canadian Patents Issued

February 21, 2017

## Index des brevets canadiens délivrés

21 février 2017

|   |           |  |           |                              |           |
|---|-----------|--|-----------|------------------------------|-----------|
| AB INITIO TECHNOLOGY LLC                          | 2,728,132 | APPLE INC.   | 2,745,253 | BECHTEL, GORDON              | 2,740,933 |
| ABBVIE BIOTHERAPEUTICS INC.                       | 2,660,102 | APRO, ATTILA   | 2,893,674 | BECHTOLD, DONALD             | 2,827,410 |
| ABRAHAM, BIBY ESTHER ACELRX PHARMACEUTICALS, INC. | 2,836,751 | ARAI, DAI  | 2,885,850 | BECKEL, DANIEL               | 2,772,227 |
| ACOSTA, PABLO                                     | 2,636,088 | ARANGO, GUILLERMO                                    | 2,841,478 | BECKER, JEAN-MARIE           | 2,634,603 |
| ADAMS, JAMES H.                                   | 2,735,224 | ARCELORMITTAL INVESTIGACION Y DESARROLLO SL          | 2,834,967 | BELL HELICOPTER TEXTRON INC. | 2,848,694 |
| ADAMS, NEIL PATRICK                               | 2,686,687 | AREVALO RODRIGUEZ, ELENA                             | 2,747,690 | BELL, JAMES EDWARD           | 2,927,670 |
| ADAMS, TAMMY C.                                   | 2,671,969 | ARIS, AZRIN  | 2,741,083 | BEN HAHA, MOHSEN             | 2,844,485 |
| AEQUS PHARMACEUTICALS INC.                        | 2,816,203 | ARIZA MARTIN, MANUEL ARJOWIGGINS SECURITY ARS S.R.L. | 2,747,690 | BENDAHAN, JOSEPH             | 2,863,633 |
| AFAR, DANIEL                                      | 2,660,102 | AUDIGIER, RICHARD                                    | 2,739,146 | BENZ, ERIBERT                | 2,755,606 |
| AGASHE, PARAG ARUN                                | 2,705,860 | AUNER, NORBERT                                       | 2,774,226 | BERGER, SHAI                 | 2,857,140 |
| AGHAJANIAN, JANE (DECEASED)                       | 2,469,230 | AVIDOR, YOAV AVVIO GMBH & CO KG                      | 2,726,003 | BERKLEY, ANDREW J.           | 2,724,617 |
| AGOSTINELLI, GIAN-LUIGI                           | 2,755,606 | AZIZ, IMRAAN   | 2,695,726 | BERLANGER, SERGE             | 2,769,778 |
| AGRAWAL, AVNEESH                                  | 2,718,660 | B/E AEROSPACE, INC.                                  | 2,913,324 | BERRY, ROBERT JOSEPH, JR.    | 2,694,597 |
| AGRAWAL, GAURAV                                   | 2,896,859 | BAASKE, MATTHIAS                                     | 2,896,744 | BERRY, ROBERT JOSEPH, SR.    | 2,694,597 |
| AHSAN@MISKAM, NURUL SHUHADA                       | 2,741,083 | BACKHURST, NIGEL                                     | 2,879,655 | BERTHEL, STEVEN JOSEPH       | 2,753,341 |
| AIRBUS OPERATIONS, S.L.                           | 2,747,690 | BACUS, MICHAEL W.                                    | 2,915,421 | BETTENCOURT, BENOIT          | 2,726,643 |
| AKULA, ANISHA                                     | 2,884,046 | BADER, VALENTINE                                     | 2,804,949 | BETZ, MARTIN                 | 2,725,214 |
| ALCON RESEARCH, LTD.                              | 2,781,870 | BAEULER, PATRICK                                     | 2,847,351 | BEUDON, DIDIER               | 2,738,217 |
| ALFA WASSERMANN, INC.                             | 2,878,645 | BAHLER, BRIAN DOUGLAS                                | 2,918,702 | BEYER, JUTTA                 | 2,662,383 |
| ALLAMON, JERRY P.                                 | 2,760,857 | BAI, HUA   | 2,522,586 | BHULLAR, RAGHBIR SINGH       | 2,529,651 |
| ALLEN, C. GEOFFREY                                | 2,836,751 | BAKER HUGHES INCORPORATED                            | 2,665,169 | BIBETTE, JEROME              | 2,733,963 |
| ALLTECH, INC.                                     | 2,828,477 | BAKER HUGHES INCORPORATED                            | 2,887,563 | BIESALSKI, MARKUS            | 2,915,421 |
| ALTMANN, NICLAS                                   | 2,871,106 | BAKER HUGHES INCORPORATED                            | 2,839,346 | BIESHEUVEL, AREND            |           |
| ALTON, ERIC W.                                    | 2,627,485 | BAKER HUGHES INCORPORATED                            | 2,841,478 | CORNELIS JACOBUS             | 2,764,949 |
| ALTONEN, GENE MICHAEL                             | 2,836,783 | BAKER HUGHES INCORPORATED                            | 2,887,563 | BIGUE, JASON P.              | 2,857,140 |
| AMBROGELLY, ALEXANDRE                             | 2,745,443 | BAKER, MICHAEL H.                                    | 2,522,586 | BILLMAN, BRADLEY SCOTT       | 2,640,195 |
| AMBUEHL, MICHAEL                                  | 2,662,383 | BALL, GEOFFREY R.                                    | 2,665,169 | BIOCARE, INC.                | 2,745,016 |
| AMGEN RESEARCH (MUNICH) GMBH                      | 2,522,586 | BANTIN, COLIN CHARLES                                | 2,896,859 | BIRAU, MIHAELA MARIA         | 2,836,751 |
| AMIGHI, KARIM                                     | 2,737,399 | BARCZYK, TOMASZ                                      | 2,861,785 | BISCARRAT, SANDRINE          | 2,728,123 |
| AMIN, MOHAMMAD                                    | 2,724,617 | BARNEMAN, HAKAN                                      | 2,741,573 | BITTNER, CHRISTIAN           | 2,611,428 |
| AMIN, SHALIN                                      | 2,889,853 | BARRERA, CAROLA                                      | 2,891,319 | BLACK, DONALD                | 2,751,738 |
| AMYRIS, INC.                                      | 2,735,255 | BARTELS, MATTHIAS                                    | 2,738,127 | BLACKBERRY LIMITED           | 2,686,687 |
| ANCRA INTERNATIONAL LLC                           | 2,830,607 | BARUCH, AMOS   | 2,896,859 | BLACKBERRY LIMITED           | 2,712,026 |
| ANDERSEN, CARSTEN                                 | 2,592,083 | BASANNI, LORIS                                       | 2,861,785 | BLACKBERRY LIMITED           | 2,798,340 |
| ANDEXLINGER, HELMUT                               | 2,917,345 | BASF   | 2,741,573 | BLACKBERRY LIMITED           | 2,894,078 |
| ANDRESS, MARK                                     | 2,712,026 | AKTIENGESELLSCHAFT                                   | 2,792,723 | BLAISDELL, STEVEN J.         | 2,745,443 |
| ANDREYCHUK, MARK                                  | 2,870,984 | BASF SE  | 2,896,859 | BLACKBERRY LIMITED           | 2,712,026 |
| ANDRIASYAN, MANVEL                                | 2,745,016 | BASIC HOLDINGS                                       | 2,861,785 | BLUE, DANIEL DUNCAN, III     | 2,841,478 |
| ANDRIN, PETER                                     | 2,822,649 | BASTIA, FILIPPO                                      | 2,813,790 | BODMEIER, ROLAND             | 2,823,622 |
| ANELLI, PIER LUCIO                                | 2,813,060 | BATOG, BARBARA                                       | 2,813,888 | BOMBARDIER                   |           |
| ANGMAN, PER                                       | 2,870,984 | BAUCH, CHRISTIAN                                     | 2,879,395 | TRANSPORTATION               |           |
| ANIKIN, ALEXEY VYACHESLAVOVICH                    | 2,669,736 | BAYER INTELLECTUAL PROPERTY GMBH                     | 2,769,525 | GMBH                         | 2,736,977 |
| ANTONSSON, PER                                    | 2,710,360 | BAYLEY, ROBERT D.                                    | 2,686,751 | BOMBARDIER                   |           |
| ANTOSCH, GERNOT                                   | 2,850,548 | BE AEROSPACE, INC.                                   | 2,611,428 | TRANSPORTATION               |           |
| APPL, JOERG                                       | 2,877,789 | BEANE, JOHN ANDREW                                   | 2,697,046 | GMBH                         | 2,737,076 |
|   |           |  | 2,725,214 | BONGRAIN SA                  | 2,738,217 |
|   |           |  | 2,755,166 | BOO, CHRISTIAN               | 2,749,464 |
|   |           |  | 2,844,485 | BOOMER, KENT                 | 2,820,669 |
|   |           |  | 2,726,003 | BOS, JEFFREY CHARLES         | 2,798,340 |
|   |           |  | 2,861,423 | BOSC, NATHALIE               | 2,738,127 |
|   |           |  | 2,688,613 | BOSTON SCIENTIFIC            |           |
|   |           |  | 2,704,444 | NEUROMODULATION              |           |
|   |           |  | 2,827,410 | CORPORATION                  | 2,813,083 |
|   |           |  | 2,861,423 | BOTREL, ERWAN DANIEL         | 2,785,377 |
|   |           |  | 2,861,423 | BOUAZIZ, OLIVIER             | 2,834,967 |

**Index des brevets canadiens délivrés**  
**21 février 2017**

|  |           |  |                        |  |           |
|--|-----------|--|------------------------|--|-----------|
| BOURY, JACQUES AUGUSTE<br>AMEDEE                     | 2,785,377 | CHAMBERS, CURTIS<br>CHANG, CLAUDINE      | 2,889,853<br>2,713,582 | CONSORTIUM P, INC.<br>CONTECH ENGINEERED | 2,736,949 |
| BOUTANT, YANN  | 2,634,603 | CHANG, SHAU-FENG                         | 2,830,616              | SOLUTIONS LLC                            | 2,675,323 |
| BOUTOUSSOV, DMITRI                                   | 2,745,016 | CHANG, YU-HWA                            | 2,704,202              | COOKE, BENJAMIN T.                       | 2,769,880 |
| BOUXSEIN, MARY                                       | 2,469,230 | CHASE, CHARLES                           | 2,701,534              | CORDOBA, JOSE LUIS                       | 2,896,744 |
| BOWLES, MARK   | 2,861,423 | CHEETAH MEDICAL, INC.                    | 2,695,726              | CORNEN, SOPHIE                           | 2,784,150 |
| BOYD, MATT   | 2,820,669 | CHEMBRIDGE CORPORATION                   | 2,669,736              | CORNING OPTICAL                          |           |
| BRACCO IMAGING S.P.A.                                | 2,813,060 | CHEMI SPA                                | 2,780,432              | COMMUNICATIONS LLC                       | 2,640,195 |
| BRADLEY, DONDEENA                                    | 2,850,550 | CHEMISCHES INSTITUT                      |                        | COTE, ANTHONY                            | 2,818,376 |
| BRAINSWAY, INC.                                      | 2,610,991 | SCHAEFER AG                              | 2,785,946              | COTE, SEBASTIEN                          | 2,723,789 |
| BRAUTSCH, ANDREAS                                    | 2,755,606 | CHEN, HAO                                | 2,899,663              | COTY PRESTIGE LANCASTER                  |           |
| BRAZ GONCALVES, JOAO<br>MANUEL                       | 2,685,213 | CHEN, YI                                 | 2,826,037              | GROUP GMBH                               | 2,661,506 |
| BREMONT, MICHEL                                      | 2,622,610 | CHEN, YIHUI                              | 2,887,563              | COULON, FLORENCE                         | 2,738,217 |
| BRIDGEPORT FITTINGS, INC.                            | 2,860,191 | CHEN, ZHENLIANG                          | 2,887,563              | COUNTLAB, INC.                           | 2,686,751 |
| BRIDGES, KRISTIE GROVE                               | 2,469,230 | CHENG, CHI-HAN                           | 2,703,798              | COUPE, DOMINIQUE                         | 2,744,896 |
| BRIGHT, EARL A.                                      | 2,896,744 | CHERIAN, MOOKENCHERIL P.                 | 2,822,380              | COURTEMANCHE, MARC                       | 2,723,789 |
| BROGGI, ALBERTO                                      | 2,724,324 | CHEVRON CANADA LIMITED                   | 2,702,642              | COVIDIEN LP                              | 2,849,123 |
| BROWN, MICHAEL KENNETH                               | 2,686,687 | CHEVRON ORONITE                          |                        | COX, TODD A.                             | 2,566,749 |
| BROWN, MILTON LANG                                   | 2,711,003 | TECHNOLOGY B.V.                          | 2,615,342              | COXON, BRAD A.                           | 2,882,362 |
| BRUKER DALTONICS, INC.                               | 2,820,399 | CHEVRON U.S.A. INC.                      | 2,759,006              | CRUZ DOMINGUEZ,                          |           |
| BRUKER DALTONICS, INC.                               | 2,854,308 | CHIA, CHING KING                         | 2,741,083              | FRANCISCO JOSE                           | 2,747,690 |
| BUCKINGHAM, MARK-PAUL                                | 2,751,738 | CHICAGO MERCANTILE                       |                        | CUBIC CORPORATION                        | 2,750,642 |
| BUESCHER, DIRK                                       | 2,623,353 | EXCHANGE, INC.                           | 2,699,622              | CUBIST PHARMACEUTICALS                   |           |
| BULLERJAHN, FRANK                                    | 2,844,485 | CHIEN, WEI-JUNG                          | 2,854,830              | LLC                                      | 2,781,666 |
| BURGE, KARL R.                                       | 2,848,694 | CHILLSCYZN, STEVEN A.                    | 2,847,351              | CULLY, EDWARD H.                         | 2,810,671 |
| BURKHOFF, DANIEL                                     | 2,695,726 | CHINA UNIVERSITY OF                      |                        | CULLY, EDWARD H.                         | 2,849,110 |
| BURNES, LEE  | 2,612,783 | MINING AND                               |                        | CURRY, STEPHEN                           | 2,622,315 |
| BURNS, THOMAS H.                                     | 2,899,304 | TECHNOLOGY                               | 2,899,663              | CUTLER, COLLETTE M.                      | 2,745,443 |
| BURR, AUGUST   | 2,850,548 | CHOI, EUN A                              | 2,750,877              | D'AQUILA, ANTHONY                        | 2,845,509 |
| BURRESS, CHARLOTTE N.                                | 2,870,045 | CHONGQING DYNRUN                         |                        | D'ENTREMONT, MATTHEW                     |           |
| BURY, RAFAEL   | 2,905,079 | MACHINERY CO., LTD.                      | 2,878,985              | IVAN                                     | 2,737,320 |
| BUSBY, JEFF  | 2,820,669 | CHUCHOLOWSKI,                            |                        | D-WAVE SYSTEMS, INC.                     | 2,724,617 |
| BUSCH-SORENSEN, THOMAS                               | 2,750,642 | ALEXANDER                                | 2,669,736              | DAMNjanovic,                             |           |
| BUTER, ANDREAS                                       | 2,915,421 | CHUNGU, CHIBWE                           | 2,617,366              | ALEKSANDAR                               | 2,770,323 |
| C.H. & I. TECHNOLOGIES,<br>INC.                      | 2,747,828 | CIPER, MESUT                             | 2,823,622              | DANA BELGIUM N.V.                        | 2,858,673 |
| CALDWELL, CHRISTOPHER E.                             | 2,665,875 | CITTERIO, MAURO                          | 2,813,060              | DANESH, MICHAEL D.                       | 2,879,486 |
| CAMPBELL, COLIN                                      | 2,740,933 | CLARE MACHINE WORKS                      |                        | DANIELS, BRUCE R.                        | 2,880,203 |
| CAO, HUI   | 2,912,115 | LTD.                                     | 2,737,320              | DANISCO US INC.                          | 2,713,582 |
| CARBONITE, INC.                                      | 2,794,339 | CLAUDE, JOHN, P.                         | 2,849,123              | DAS, KANAD                               | 2,769,525 |
| CARBSTONE INNOVATION<br>NV                           | 2,722,724 | CLAUSS, GUENTHER                         | 2,742,691              | DAVE, PARTHIV RIPUDAMAN                  | 2,739,745 |
| CARL ZEISS VISION<br>INTERNATIONAL GMBH              | 2,867,680 | CLAYTON, LAWRENCE G.                     | 2,717,721              | DAVIES, DORIAN THOMAS                    |           |
| CARMODY, ALAN FRANCIS                                | 2,823,622 | CLEMENT, BERND                           | 2,658,434              | CHARLES                                  | 2,745,253 |
| CARRENO-GOMEZ, BEGONA                                | 2,662,383 | COGGINS, SCOTT                           | 2,612,783              | DAVIES, MONIQUE V.                       | 2,469,230 |
| CASCAO-PEREIRA, LUIS                                 | 2,713,582 | COLLINS, TIM                             | 2,870,687              | DAVIS, DINAH LEA MARIE                   | 2,686,687 |
| CASCO PRODUCTS<br>CORPORATION                        | 2,845,509 | COLOMBO, JOHN                            | 2,896,744              | DE LA RUPELLE, PERRINE                   | 2,769,778 |
| CASEY, MATTHEW                                       | 2,823,644 | COMB, JAMES W.                           | 2,847,351              | DE PAEPE, ANNE THERESE                   |           |
| CASEY, MEGAN   | 2,774,797 | COMBS, AUTRY                             | 2,676,726              | GUSTAAF                                  | 2,823,622 |
| CASTANHEIRA AIRES DA<br>SILVA, FREDERICO<br>NUNO     | 2,685,213 | COMBS, MARY JANE                         | 2,849,323              | DEBREGEAS ET ASSOCIES                    |           |
| CELLERIX, S.A.                                       | 2,623,353 | COMMISSARIAT A L'ENERGIE                 |                        | PHARMA                                   | 2,771,054 |
| CENTRE NATIONAL DE LA<br>RECHERCHE<br>SCIENTIFIQUE   | 2,744,410 | ATOMIQUE ET AUX<br>ENERGIES              | 2,731,986              | DEERE & COMPANY                          | 2,670,819 |
| CENTRO SUPERIOR DE<br>INVESTIGACIONES<br>CIENTIFICAS | 2,623,353 | ALTERNATIVES                             |                        | DELGADO MORA, MARIO                      | 2,623,353 |
| CERMELLI, CHRISTIAN                                  | 2,719,694 | COMMISSARIAT A L'ENERGIE                 |                        | DELTSCHEW, RUMEN                         | 2,726,003 |
| CHAKRABORTY, SOMA                                    | 2,896,859 | ATOMIQUE ET AUX<br>ENERGIES              |                        | DEMATIC CORP.                            | 2,887,772 |
|  |           | ALTERNATIVES                             | 2,733,963              | DEMOPULOS, GREGORY A.                    | 2,670,917 |
|  |           | COMPAGNIE GENERALE DES<br>ETABLISSEMENTS |                        | DESGRANGES, BROOKE ERIN                  | 2,670,917 |
|  |           | MICHELIN                                 | 2,774,226              | DESIRAJU, BHANUKIRAN                     | 2,870,687 |
|  |           | CONAIR CORPORATION                       | 2,894,874              | DESMEULES, ALAIN                         | 2,670,917 |
|  |           | CONAIR CORPORATION                       | 2,917,244              | DESPRES, MELISSA                         | 2,909,393 |
|  |           | CONBOY, GARTH                            | 2,764,824              | DEVRIES, JEFFREY S.                      | 2,858,124 |
|  |           | CONRAD, WAYNE ERNEST                     | 2,674,758              | DEWDNEY, NOLAN JAMES                     | 2,726,460 |
|  |           |  |                        | DIETRICH, CHARLES R.                     | 2,720,737 |
|  |           |  |                        | DIETRICH, CHARLES R.                     | 2,894,042 |
|  |           |  |                        | DIETRICH, TREVOR                         | 2,712,026 |
|  |           |  |                        | DIETSCHE, FRANK                          | 2,611,428 |

# Index of Canadian Patents Issued

## February 21, 2017

|   |           |   |   |           |
|---|-----------|---|---|-----------|
| DIETZ, JENNIFER   | 2,915,421 | ENANTA  | FOGLE, RAYMOND ELBERT,  | 2,741,636 |
| DIETZE, MATTHIAS  | 2,755,654 | PHARMACEUTICALS,<br>INC.                          | III FONCLOUD, INC.  | 2,857,140 |
| DIJKHUIS, ARJEN DETMER  | 2,877,789 | ENDO, ATSUSHI                                     | FONG, DARREN  | 2,759,006 |
| DIJKHUIZEN, LUBBERT   | 2,749,075 | ENDRES, ANGELIKA                                  | FONTAINE COMMERCIAL   |           |
| DILLON, MARK S.   | 2,671,969 | ENEFIT OUTOTEC<br>TECHNOLOGY OU                   | TRAILER, INC.   | 2,735,224 |
| DING, YOUNZHEN  | 2,671,969 | ERNST, ANTJE                                      | FONTAINE, MIKE  | 2,701,405 |
| DIXON, KEVIN  | 2,712,026 | ERSHEID, ALI                                      | FORBES, JAMES W.  | 2,860,202 |
| DLZ CORPORATION   | 2,822,380 | ESTABROOK, MELODIE                                | FORD, THOMAS STEVEN   | 2,869,074 |
| DOCHERTY, EDWARD  | 2,638,239 | ETHICON, INC.                                     | FORMSTONE, CARL ANDREW  | 2,726,672 |
| DOLEAC, FREDERIC  | 2,804,461 | ETTER, THOMAS                                     | FORUM US, INC.  | 2,760,857 |
| DOMINGUEZ ESQUIVEL, JOSE<br>MANUEL                                  | 2,823,320 | EVANS, KENNETH M.                                 | FOSS ANALYTICAL AB  | 2,866,796 |
| DONG, LIMIN   | 2,880,584 | EXOTHERMIC DISTRIBUTION<br>CORPORATION            | FOURNEL, THIERRY  | 2,634,603 |
| DONIA, DANIEL MIRCEA  | 2,927,670 | EXXONMOBIL RESEARCH<br>AND ENGINEERING<br>COMPANY | FOURNIER, JEAN  | 2,701,405 |
| DONITZKY, CHRISTOF  | 2,868,839 | EXXONMOBIL UPSTREAM<br>RESEARCH COMPANY           | FOWLER, JEFFREY DAVID   | 2,726,672 |
| DORIAN, RANDY   | 2,885,312 | F. HOFFMANN-LA ROCHE AG                           | FOWLER, STEWART, H., JR.  | 2,898,736 |
| DOUET, GILLES   | 2,774,226 | F. HOFFMANN-LA ROCHE AG                           | FRAMPTON, DALE  | 2,724,324 |
| DRIA, DENNIS EDWARD   | 2,770,293 | F. HOFFMANN-LA ROCHE AG                           | FRANK, WILLIAM A.   | 2,905,079 |
| DRITTE PATENTPORTFOLIO<br>BETEILIGUNGSGESELLS<br>CHAFT MBH & CO. KG | 2,658,434 | F. HOFFMANN-LA ROCHE AG                           | FRAUNHOFER-<br>GESELLSCHAFT ZUR<br>FORDERUNG DER<br>ANGEWANDTEN<br>FORSCHUNG E.V. | 2,858,925 |
| DRY, MICHAEL  | 2,820,669 | F. HOFFMANN-LA ROCHE AG                           | FREIDIN, JONATHAN F.  | 2,794,339 |
| DUBOIS, MARGAUX JUSTINE<br>EMMA                                     | 2,918,702 | F. HOFFMANN-LA ROCHE AG                           | FRESTEMS OY   | 2,759,002 |
| DUCLOS, OLIVIER   | 2,728,123 | FACEBOOK, INC.                                    | FRY, TIMOTHY E.   | 2,827,410 |
| DUETSCH, MICHAEL  | 2,915,421 | FACEBOOK, INC.                                    | FRYER, SCOTT JOHN   | 2,702,642 |
| DUGA, BRADY   | 2,764,824 | FACET-LINK INC.                                   | FUNAHASHI, YASUHIRO   | 2,802,644 |
| DUGAN, ERIN   | 2,905,079 | FACTEAU, WILLIAM M.                               | FUNG, JOSHUA THOMAS   | 2,844,736 |
| DUNCAN, DAVID R.  | 2,884,046 | FALLBROOK INTELLECTUAL<br>PROPERTY COMPANY        | FUNG, KAM FAI   | 2,917,244 |
| DUNCAN, JEFFREY B.  | 2,810,671 | LLC   | FUNKE, TOM  | 2,529,651 |
| DUNCAN, JEFFREY B.  | 2,849,110 | FANG, FRANCIS G.                                  | FURNISH, GREG R.  | 2,718,079 |
| DUNGAN, MATT  | 2,641,231 | FARRELL, JAMES                                    | GABEL, JONATHAN   | 2,718,079 |
| DUQUE, ROSA M.  | 2,836,731 | FARRUGIA, VALERIE M.                              | GADAKAR, M.   | 2,838,520 |
| DURUPT, FRANCOIS<br>EDOUARD JULIEN                                  | 2,744,410 | FEEDER, NEIL                                      | GAIKWAD, AVINASH  | 2,838,520 |
| DUVAL, SOPHIE BETTY<br>CLAIRES                                      | 2,772,227 | FEISTHAUER, MICHAEL                               | GALLIANO, CLINT C.  | 2,870,045 |
| DYKSTRA, DENNIS   | 2,759,006 | FELDMAN, EMANUEL                                  | GALLOWAY, JAMES G.  | 2,577,549 |
| E. I. DU PONT DE NEMOURS<br>AND COMPANY                             | 2,822,649 | FENNES, PAUL                                      | GAMBOA, JAMES DARRYL  | 2,885,514 |
| EASTER, MARK  | 2,785,786 | FERAG AG  | GANTLA, VIDYASAGAR  |           |
| EATON CORPORATION   | 2,766,895 | FERDINAND, ARTHUR                                 | REDDY   | 2,669,736 |
| EBERLING-FUX, NICOLAS   | 2,744,896 | FIELDING, BRUCE                                   | GAO, YUNFENG  | 2,912,115 |
| ECHOSTAR TECHNOLOGIES<br>L.L.C.                                     | 2,769,880 | FINKE, MICHAEL D.                                 | GARCIA, DAVID HARRY   | 2,853,051 |
| ECKSTEIN, ANDREAS   | 2,877,789 | FIROOZNIA, FARIBORZ                               | GARCIA, GUSTAVO   |           |
| ECOATM, INC.  | 2,861,423 | FISCHER, DAVID B.                                 | MARCELO   | 2,903,351 |
| EDGETON, CASEY  | 2,889,853 | FISCHER, JACOB                                    | GARCIA, GUSTAVO   |           |
| EDLER, BERND  | 2,858,925 | FISCHER, NORBERT                                  | MARCELO   | 2,903,381 |
| EDLER, JOSHUA A.  | 2,848,694 | FISCHER, WOLFRAM                                  | GASSLER, PAUL D.  | 2,849,110 |
| EHLINGER, JEFFRY C.   | 2,760,857 | FISHLOCK, DANIEL                                  | GAUPP, CARLETON L.  | 2,577,549 |
| EISAI R & D MANAGEMENT<br>CO., LTD.                                 | 2,802,644 | FITZGERALD, EDWARD<br>DANIEL                      | GEBEL, THORALF  | 2,726,003 |
| EISAI R&D MANAGEMENT<br>CO., LTD.                                   | 2,701,534 | FLAMAND, JOHN HENRI                               | GENENTECH, INC.   | 2,638,785 |
| EISENHARDT, ANDREA  | 2,697,046 | FLASINSKI, STANISLAW                              | GENERAL CABLE<br>TECHNOLOGIES   |           |
| EKKERT, SERGEJ  | 2,870,601 | FLASINSKI, STANISLAW                              | CORPORATION   | 2,785,786 |
| ELLIS, TIMOTHY W.   | 2,828,051 | FLECKENSTEIN, JOHANNA                             | GENERAL ELECTRIC  |           |
| ELRICK, ANDREW  | 2,715,861 | FLICK, JEAN-MARC                                  | TECHNOLOGY GMBH   | 2,755,606 |
| ELSTER ELECTRICITY, LLC   | 2,710,623 | FLOHR, ANDREAS                                    | GENERAL ELECTRIC  |           |
| EMERSON ELECTRIC CO.  | 2,887,959 | FLOHR, ANDREAS                                    | TECHNOLOGY GMBH   | 2,772,227 |
| EMERSON PROCESS<br>MANAGEMENT VALVE<br>AUTOMATION, INC.             | 2,768,670 | FLORE, ORONZO                                     | GENERAL ELECTRIC  |           |
|   |           | FLOWERS, JEFFREY C.                               | TECHNOLOGY GMBH   | 2,833,890 |
|   |           | FMC KONGSBERG SUBSEA<br>AS                        | GENERICS [UK] LIMITED   | 2,838,520 |
|   |           | FOERSTER, ANDREAS                                 | GEORGETOWN UNIVERSITY   | 2,711,003 |
|   |           |   | GERRARD, DAVID  | 2,891,319 |
|   |           |   | GEYERSBERGER, STEFAN  | 2,858,925 |
|   |           |   | GHOROGHCHIAN, PAIMAN P.   | 2,828,477 |

**Index des brevets canadiens délivrés**  
**21 février 2017**

|                                      |           |  |           |                                 |           |
|--------------------------------------|-----------|--|-----------|---------------------------------|-----------|
| GILLIGAN, THOMAS B.                  | 2,566,749 | HALLIBURTON ENERGY SERVICES, INC.                              | 2,870,045 | HOSELTON, HELEN Y.              | 2,865,580 |
| GIZAW, YONAS                         | 2,879,395 |  |           | HOSSAIN, MUHAMMED ANWAR         | 2,816,203 |
| GNADENBERGER, ALFRED                 | 2,917,345 | HALLIBURTON ENERGY SERVICES, INC.                              | 2,898,736 | HUANG, JINQUAN                  | 2,840,902 |
| GODSAY, CHAITANYA K.                 | 2,794,339 |  |           | HUANG, KAI-WEN                  | 2,830,616 |
| GOERING, JONATHAN                    | 2,744,896 | HAMADA, TOMOYUKI   | 2,876,592 | HUANG, YONGSHOU                 | 2,881,971 |
| GOLAND, VLADIMIR                     | 2,719,175 | HAMEL, LARRY   | 2,636,088 | HUAWEI TECHNOLOGIES CO., LTD.   | 2,880,584 |
| GOLDENBERG, ALEX                     | 2,896,744 | HAN'S LASER TECHNOLOGY INDUSTRY GROUP CO., LTD.                | 2,912,115 | HUBMANN, GERHARD                | 2,913,324 |
| GOLDFARB, ERIC A.                    | 2,896,744 |  |           | HUFF, ROGER SAM                 | 2,822,380 |
| GOLDT, MATHIAS                       | 2,877,789 | HAN, PAT A.  | 2,802,941 | HUFFA, BRUCE                    | 2,899,304 |
| GOLZ-BERNER, KARIN                   | 2,661,506 | HAN, WOO-JIN   | 2,880,256 | HUGHES, ERIK HELLER             | 2,665,169 |
| GONZALEZ DE LA PENA,<br>MANUEL ANGEL | 2,623,353 | HANG, WILLIAM M.   | 2,836,229 | HUHTINEN, HEIKKI JUHANI         | 2,929,493 |
| GONZALEZ, PETER                      | 2,870,045 | HANSEN, RONALD S.  | 2,698,731 | ID PHARMA CO., LTD.             | 2,627,485 |
| GOODREAU, BRUCE H.                   | 2,784,150 | HANSON, WILLIAM J.   | 2,847,351 | IFTIME, GABRIEL                 | 2,836,751 |
| GOOGLE INC.                          | 2,764,824 | HANUMAN PELICAN, INC.  | 2,885,312 | IHI CORPORATION                 | 2,810,487 |
| GOOGLE INC.                          | 2,820,299 | HARDING, DAMIEN  | 2,728,749 | IHI CORPORATION                 | 2,865,381 |
| GORDON, NOEL PHILIP                  | 2,820,299 | HARRIS, JAMES  | 2,836,048 | IHNAT, PETER M.                 | 2,470,999 |
| GORE, VINAYAK G.                     | 2,838,520 | HARRIS, RICHARD G.   | 2,724,617 | IKEDA, YUJI                     | 2,828,176 |
| GOSS CONSTRUCTION, INC.              | 2,884,519 | HARVEY, EDWARD J.  | 2,777,597 | IMAGINEERING, INC.              | 2,828,176 |
| GOSS, RICHARD A.                     | 2,884,519 | HARVEY, TIMOTHY N.   | 2,848,734 | IMFLUX, INC.                    | 2,836,783 |
| GOTO, OSAMU                          | 2,918,230 | HASEGAWA, MAMORU   | 2,627,485 | IMPULSE NC LLC                  | 2,823,644 |
| GOUTAYER, MATHIEU                    | 2,733,963 | HAZANI, DAVID  | 2,610,991 | INDUSTRIAL TECHNOLOGY           |           |
| GOZANI, TSAHI                        | 2,863,633 | HEADWATERS HEAVY OIL, LLC                                      | 2,704,202 | RESEARCH INSTITUTE              | 2,830,616 |
| GRABOWSKI, EDWARD F.                 | 2,704,444 | HEEP, IRIS   | 2,688,613 | INGENIO AEROSPACE               | 2,927,670 |
| GRAHAM, GARY                         | 2,823,644 | HEFEI MEILING CO., LTD.  | 2,881,971 | INOUE, MAKOTO                   | 2,627,485 |
| GRAHAM, MATTHEW J.                   | 2,735,255 | HEIDELBERGCEMENT AG  | 2,844,485 | INPRO CORPORATION               | 2,640,007 |
| GRANGE, WILLIAM JUSTIN               | 2,896,744 | HEIMLICH, JOHN MARK  | 2,823,622 | INSTITUTO MEXICANO DEL PETROLEO | 2,823,320 |
| GRANT, KELVIN GRANDY                 | 2,903,379 | HEMMINGER, RODNEY C.   | 2,710,623 | INTERVET INTERNATIONAL B.V.     | 2,622,610 |
| GRASSO, PIERRO-DANIELE               | 2,772,227 | HENKEL AG & CO. KGAA   | 2,784,150 | INTERVET INTERNATIONAL B.V.     | 2,749,075 |
| GRAUS, YVO                           | 2,885,854 | HENSCHKE, JULIAN PAUL  | 2,855,751 | ION-TOF TECHNOLOGIES GMBH       | 2,806,746 |
| GREELEY, JOHN P.                     | 2,780,480 | HENSHAW, ROBERT J.   | 2,879,655 | ISCAR LTD.                      | 2,789,086 |
| GREGOR, VLAD EDWARD                  | 2,669,736 | HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE |           | ISCAR LTD.                      | 2,822,513 |
| GREGORIS, DENNIS                     | 2,824,198 | MINISTER OF AGRICULTURE AND                                    |           | ISHIDA, YOSHINORI               | 2,810,487 |
| GRIESENBACH, UTA                     | 2,627,485 | AGRI-FOOD CANADA   | 2,617,366 | ISHIKAWA, KAZUMITSU             | 2,878,410 |
| GRILL, ROBERT                        | 2,917,345 | HERAKLES   | 2,744,896 | ISTRE, RANDOLPH PAUL            | 2,848,734 |
| GRUBER, HARRY E.                     | 2,724,740 | HERMAN, CRAIG M.   | 2,899,304 | IWASAKI, HITOSHI                | 2,627,485 |
| GRUPO PETROTEMEX, S.A.<br>DE C.V.    | 2,741,636 | HEUBERGER, ALBERT  | 2,858,925 | IWATA, ATSUSHI                  | 2,750,194 |
| GUGLIELMO, MICHAEL E.                | 2,718,079 | HEYERMAN, JEFFREY  | 2,702,501 | IZVORSKI, ALEXANDER B.          | 2,885,312 |
| GUILDLINE INSTRUMENTS<br>LIMITED     | 2,813,790 | BERNARD  | 2,845,509 | J2 GLOBAL IP LIMITED            | 2,877,875 |
| GULBRANDSEN, PEDER J.                | 2,905,079 | HIGGOTT, ROGER   | 2,863,633 | JACOBS, ANTONIUS                |           |
| GUPTA, RAJARSHI                      | 2,705,860 | HILLIARD, DONALD   | 2,858,925 | ARNOLDUS CHRISTIAAN             | 2,749,075 |
| GUSAROV, SERGEY                      | 2,833,604 | BENNETT  | 2,885,854 | JACQUEMONT, JACKY               | 2,726,643 |
| GUTH, FELIX                          | 2,755,606 | HILPERT, JOHANNES  | 2,858,925 | JANISSE, RICHARD J.             | 2,899,304 |
| GUY, HANOCHE                         | 2,789,086 | HILTI  | 2,889,097 | JANSEN-MOLENAAR,                |           |
| GUY, HANOCHE                         | 2,822,513 | AKTIENGESELLSCHAFT   | 2,877,789 | MIRANDA                         | 2,885,854 |
| HAAS, STEFAN MICHAEL                 | 2,726,672 | HIMBER, JACQUES  | 2,885,854 | JENSEN, HARM-IVEN               | 2,868,610 |
| HAFEZI, HOOMAN                       | 2,789,097 | HITACHI CONSTRUCTION   | 2,889,853 | JI, XIAOMING                    | 2,826,037 |
| HAIN, TOBY D.                        | 2,896,859 | MACHINERY CO., LTD.  | 2,876,592 | JIA, SHOUTAO                    | 2,881,971 |
| HALDOR TOPSOE A/S                    | 2,802,941 | HITZ, HANS   | 2,785,946 | JIANG, BING                     | 2,858,898 |
| HALDOR TOPSOEE A/S                   | 2,789,037 | HO-KLEINWAECHTER,  | 2,844,736 | JIANG, BOLUN                    | 2,858,898 |
| HALL, GAVIN JOHN                     | 2,726,672 | MONICA   | 2,833,890 | JIANG, LUYONG                   | 2,669,736 |
| HALLET, MARK                         | 2,610,991 | HOEBEL, MATTHIAS   | 2,688,613 | JING, SONG                      | 2,881,971 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,800,170 | HOFMANN, STEFAN  | 2,889,853 | JOLLY, DOUGLAS                  | 2,724,740 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,827,888 | HOLDEN, PAUL-PHILLIP   | 2,767,886 | JONES, BRIAN E.                 | 2,713,582 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,828,858 | HOLM, THOMAS   | 2,898,736 | JT INTERNATIONAL SA             | 2,870,687 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,848,734 | HOLTZMAN, KEITH E.   | 2,870,601 | JU, YONGQING                    | 2,841,835 |
| HALLIBURTON ENERGY<br>SERVICES, INC. | 2,858,729 | HOLZHAUER, THOMAS  | 2,885,850 | JUN, HAE-YOUNG                  | 2,813,930 |
| HALLIBURTON ENERGY<br>SERVICES, INC. |           | HONDA MOTOR CO., LTD.  | 2,753,341 | JUNG, SOO-YEON                  | 2,813,930 |
|                                      |           | HONG, JUN-BAE  | 2,705,860 | JUNGNICKEL, UWE                 | 2,871,106 |

**Index of Canadian Patents Issued**  
**February 21, 2017**

|  |           |                                |           |   |           |
|--|-----------|--------------------------------|-----------|---|-----------|
| JUUL DAHL, PER   | 2,789,037 | KORBER, MARTIN                 | 2,823,622 | LIFESCAN SCOTLAND, LTD.                     | 2,638,239 |
| KABUSHIKI KAISHA KOBE<br>SEIKO SHO (KOBE STEEL,<br>LTD.) | 2,898,724 | KORUS, THOMAS J.               | 2,698,731 | LIGHT, ELLIOT D.                            | 2,407,622 |
| KADUSHKIN, ALEKSANDER                                    | 2,669,736 | KOSUGA, KOSUKE                 | 2,878,410 | LIN, CHIEN-TUNG                             | 2,830,616 |
| KAEFER, GISBERT<br>WOLFGANG                              | 2,755,606 | KOVACH, LARRY J.               | 2,860,530 | LIN, SHYH-HORNG                             | 2,830,616 |
| KAESER KOMPRESSOREN SE                                   | 2,745,560 | KOVACS, ROBERT                 | 2,786,971 | LINK, HELMUT D.                             | 2,868,610 |
| KAI PHARMACEUTICALS,<br>INC.                             | 2,769,525 | KOVALENKO, ANDRIY              | 2,833,604 | LINKOLA, JANNE P.                           | 2,665,875 |
| KAIDALOV, ALEKSANDR                                      | 2,814,331 | KRAMER, JOACHIM ERNST          | 2,903,348 | LIPPOLD, GERD                               | 2,726,003 |
| KAIDALOV, KIRILL   | 2,814,331 | KRAMER, JOACHIM ERNST          | 2,903,350 | LIU, GUIWEN                                 | 2,840,902 |
| KALANICK, TRAVIS<br>CORDELL                              | 2,889,853 | KRAUSE, JAMES                  | 2,699,622 | LIU, SHIDONG                                | 2,826,037 |
| KAMERBEEK, RALF  | 2,764,949 | KRAUSS, JIM                    | 2,692,881 | LIU, YAHUA                                  | 2,669,736 |
| KANAI, MASAKI  | 2,876,592 | KRAUSS, JOSH                   | 2,692,881 | LIVANEC, PHILIP WAYNE                       | 2,858,729 |
| KAPIC, EDIS  | 2,784,150 | KRIGMONT, HENRY V.             | 2,828,051 | LIVINGSTON, JASON C.                        | 2,718,079 |
| KARCZEWCZ, MARTA   | 2,854,830 | KRIPP, THOMAS                  | 2,831,328 | LOEGERING MFG. INC.                         | 2,698,731 |
| KARIM, FELIX   | 2,769,525 | KROGER-LYONS, KELLY<br>ROSE    | 2,849,323 | LOEHN, MATTHIAS                             | 2,728,123 |
| KASANEN, TOMMI   | 2,929,913 | KROLING, HENRI                 | 2,915,421 | LOHR, CHARLES B.                            | 2,924,145 |
| KAUMAYA, PRAVIN T. P.                                    | 2,612,394 | KT-SHELTER OY                  | 2,929,913 | LOIS, AUGUSTO                               | 2,632,972 |
| KEANE, CRAIG PATRICK                                     | 2,836,457 | KUBIK, THOMAS J.               | 2,617,366 | LONG, JIANG                                 | 2,812,261 |
| KELLIS, JAMES T., JR.                                    | 2,713,582 | KUBLER, MICHAEL                | 2,850,548 | LONG, JUN                                   | 2,794,372 |
| KENT, JOSEPH   | 2,748,610 | KUEHN, CLEMENS                 | 2,738,127 | LOONEY, DWAYNE                              | 2,718,079 |
| KENYERES, ISTVAN   | 2,786,971 | KUFER, PETER                   | 2,522,586 | LORENZ, KATRIN                              | 2,728,123 |
| KERAENEN, OLLI   | 2,710,360 | KUPERMAN, ALEXANDER E.         | 2,759,006 | LORENZEN, ROLF                              | 2,824,905 |
| KEREN, HANAN   | 2,695,726 | KWON, HYUK-CHOON               | 2,813,930 | LOTT, ROGER K.                              | 2,704,202 |
| KERMANI, MAHYAR Z.                                       | 2,638,239 | LABORATORIOS LICONSA,<br>S.A.  | 2,737,399 | LOU, YAN                                    | 2,726,460 |
| KESTER, JEFF   | 2,719,367 | LAENEN, BEN                    | 2,722,724 | LOU, YAN                                    | 2,753,341 |
| KHABASHESKU, VALERY                                      | 2,896,859 | LAFORGE, SETH MICHAEL          | 2,820,299 | LUTTERBUESE, RALF                           | 2,522,586 |
| KHAN, MUHAMMAD<br>ARSHAD                                 | 2,728,132 | LAI, KIN MAN                   | 2,917,244 | LYNCH, HARRY TODD                           | 2,848,734 |
| KHANDEKAR, AAMOD D.                                      | 2,718,660 | LAIDIG, WILLIAM DAVID          | 2,849,323 | MA, CHUN-HSIEN                              | 2,830,616 |
| KHURANA, TEJVIR S.                                       | 2,469,230 | LAMSON, KYLE                   | 2,896,744 | MA, JIA                                     | 2,675,323 |
| KIELY, KENNETH M.  | 2,860,191 | LANDPHAIR, DONALD K.           | 2,670,819 | MA, JUN                                     | 2,812,261 |
| KIM, HO-DONG   | 2,813,930 | LE BERRE, MONIQUE              | 2,622,610 | MA, STEPHEN                                 | 2,820,299 |
| KING, MICHAEL JOSEPH                                     | 2,863,633 | LE CHEVALIER, VINCENT          | 2,764,824 | MACDONALD, DETTWILER<br>AND ASSOCIATES INC. | 2,824,198 |
| KINNER, IAIN   | 2,813,888 | LEACH, MICHAEL D.              | 2,885,312 | MACLEAN, DEREK                              | 2,769,525 |
| KINOSHITA, SHIGERU                                       | 2,898,724 | LEBERFINGER, MARCUS            | 2,697,046 | MAESEN, THEODORUS                           | 2,759,006 |
| KINTER, KEVIN  | 2,761,795 | LEBON, CHRISTOPHE              | 2,771,054 | MAGNA INTERNATIONAL<br>INC.                 | 2,730,163 |
| KIRMSE, ANDREW ROBERT                                    | 2,820,299 | LECKMAN, RANDY                 | 2,813,888 | MAGNANI, JOHN J.                            | 2,884,886 |
| KITAZOE, MASATO  | 2,705,860 | LED SMART INC.                 | 2,831,641 | MAHMOOD, TARIQ                              | 2,903,347 |
| KITO CORPORATION   | 2,878,410 | LEE, TAMMY                     | 2,880,256 | MAHMOOD, TARIQ                              | 2,903,355 |
| KLAPPER, ULRICH  | 2,813,824 | LEE, TSU-SHUN                  | 2,665,169 | MAKABE, TAKUMI                              | 2,885,850 |
| KLEIJWEGT, PETER   | 2,615,342 | LEEFLANG, CHRIS                | 2,713,582 | MAKOWER, JOSHUA                             | 2,896,744 |
| KLEIN, ROLAND  | 2,915,421 | LEFEBVRE, LOUIS-PHILIPPE       | 2,777,597 | MAKUSZEWSKI, JERZY                          | 2,688,374 |
| KLEWIADA, MARK   | 2,882,362 | LEHNERT, REINHARDT             | 2,850,548 | MALLADI, DURGA PRASAD                       | 2,770,323 |
| KLING, DOROTHEE  | 2,885,854 | LEIMBACH, ANGELA MARIE         | 2,844,736 | MALLAT, DIDIER                              | 2,824,641 |
| KNOX, HOWARD T.  | 2,830,607 | LEMKE, JOHN F.                 | 2,847,435 | MANIFOLD, JOHN ALLEN                        | 2,844,736 |
| KOBAYASHI, YASUSHI                                       | 2,750,194 | LENARZ, THOMAS                 | 2,741,573 | MANN, MICHAEL T.                            | 2,884,046 |
| KOBOLD SERVICES INC.                                     | 2,870,984 | LEONARDI, SERGIO A.            | 2,758,558 | MAR JUAREZ, ELIZABETH                       | 2,823,320 |
| KOELING, HENDRIK<br>CORNELIS                             | 2,764,949 | LEPAK, JONAH                   | 2,849,123 | MARATHON OIL CANADA<br>CORPORATION          | 2,702,642 |
| KOENIG, KARSTEN  | 2,868,839 | LES HOSPICES CIVILS DE<br>LYON | 2,744,410 | MARCHAND, DAVID                             | 2,730,163 |
| KOHLEISEN, BIRGIT  | 2,522,586 | LESHNER, WILLIAM               | 2,764,824 | CHRISTOPHER                                 | 2,909,393 |
| KOHLER, DALE W.  | 2,899,304 | LEUNG, ANTHONY KIT LUN         | 2,894,874 | MARKARIAN, LORIN                            | 2,777,597 |
| KOKERNAK, MICHAEL  | 2,740,933 | LEUNG, EMMA                    | 2,849,123 | MARTINEAU, PAUL A.                          | 2,710,623 |
| KOLKMAN, MARC  | 2,713,582 | LEVANDER, KAI                  | 2,929,493 | MASON, ROBERT T.                            | 2,848,694 |
| KONE CORPORATION   | 2,813,888 | LEVENSTEIN, LAWRENCE M.        | 2,747,828 | MAST, THOMAS M.                             | 2,744,896 |
| KONG, YALI   | 2,711,003 | LEVY, BARUCH                   | 2,695,726 | MATEO, JULIEN                               | 2,828,477 |
| KONINKLIJKE DOUWE<br>EGBERTS B.V.                        | 2,764,949 | LI, JING                       | 2,701,534 | MATNEY, CLAYTON                             | 2,802,644 |
| KONTER, MAXIM  | 2,833,890 | LI, QINGBIN                    | 2,833,604 | MATSUSHIMA, TOMOHIRO                        | 2,894,078 |
| KOPETZKI, ERHARD   | 2,885,854 | LI, QINGSONG                   | 2,881,971 | MAY, DARRELL                                |           |
|  |           | LIFE SAFETY DISTRIBUTION<br>AG | 2,665,937 |   |           |

**Index des brevets canadiens délivrés**  
**21 février 2017**

|                                       |           |   |   |           |
|---------------------------------------|-----------|---|---|-----------|
| MAYO, JAMES D.                        | 2,836,751 | MONSANTO TECHNOLOGY                       | NOLAND, MADELEINE                       | 2,740,933 |
| MAZYAR, OLEG                          | 2,896,859 | LLC                                       | NORRIS, JAMES                           | 2,820,299 |
| MAZZINI, MARCO                        | 2,739,146 | MONTOJO, JUAN                             | CHRISTOPHER                             | 2,929,493 |
| MCBROOM, SCOTT T.                     | 2,924,145 | MOODY, MARTIN VOL                         | NORSEPOWER OY LTD                       | 2,662,383 |
| MCCHAIN, ROBERT JOSEPH                | 2,879,395 | MOOG JAPAN LTD.                           | NOVARTIS AG                             | 2,592,083 |
| MCCONNELL, CRAIG                      | 2,672,388 | MOORE, DAWN                               | NOVOZYMES A/S                           | 2,867,680 |
| MCGEE, DANNY PETER CLAUDE             | 2,669,736 | MOORE, MICHAEL ALAN                       | NOWAK, GERD                             | 2,915,421 |
| MCGRATH, DOUGLAS ERIC                 | 2,669,736 | MORIETTE, CORALIE                         | NUBBO, NARMIN                           | 2,896,744 |
| MCINTOSH, BRUCE D.                    | 2,792,952 | MOROSI, PAOLO                             | NUELLE, INC.                            | 2,781,666 |
| MCKEOWN, JOHN PAUL                    | 2,751,738 | MORROW, DAVID K.                          | O'CONNOR, SANDRA                        | 2,469,230 |
| MCPHEE, DEREK JAMES                   | 2,735,255 | MOTOROLA SOLUTIONS, INC.                  | O'HARA, DENISE                          | 2,725,214 |
| MEANT-2-MOVE LLC                      | 2,812,237 | MOURIER-ROBERT,<br>VERONIQUE              | O'NEILL, NOEL                           | 2,858,013 |
| MED-EL                                |           | MUENSTER, INGO                            | ODA, YOSHIMASA                          | 2,898,724 |
| ELEKTROMEDIZINISCHE GERAETE GMBH      | 2,741,573 | MUKHERJEE, DEBASIS                        | OKUYAMA, NORIYUKI                       | 2,724,740 |
| MEDLINE INDUSTRIES, INC.              | 2,737,147 | MUNDT, HANS-CHRISTIAN                     | OLMSTEAD, KAY                           | 2,857,363 |
| MEDTENTIA INTERNATIONAL LTD OY        | 2,710,360 | MUNTEAN, FELICIAN                         | OLSON, GUNNAR B.                        | 2,702,501 |
| MEEK, DAVID WAYNE                     | 2,640,195 | MUNZE OSTERREICH AG                       | OLVER, BRYAN W.                         |           |
| MEHLHASE, SABRINA                     | 2,915,421 | MUROOKA, TAKESHI                          | OMACHRON INTELLECTUAL PROPERTY INC.     | 2,674,758 |
| MEININGER, JUSTIN B.                  | 2,812,237 | MURRAY, GARETH                            | OMICRON ELECTRONICS                     | 2,887,772 |
| MEINS, JUEGEN                         | 2,736,977 | MURRAY, JONATHAN DAVID                    | GMBH                                    | 2,813,824 |
| MEINS, JUERGEN                        | 2,737,076 | MUSSELWHITE, JEFFREY D.                   | OMNOVA SOLUTIONS INC.                   | 2,577,549 |
| MEISLER, MIRIAM                       | 2,716,099 | MUTILANGI, WILLIAM                        | OR, YAT SUN                             | 2,812,261 |
| MERCK PATENT GMBH                     | 2,738,127 | MUXLOW, FRED HENRY                        | ORAISON, STEPHANE                       | 2,774,226 |
| MERCK SHARP & DOHME CORP.             | 2,470,999 | NAASANI, IMAD                             | ORENT, JILL FRANCES                     |           |
| MERCK SHARP & DOHME CORP.             | 2,745,443 | NADAOKA, MASATAKA                         | KREUTZER                                | 2,917,244 |
| MICHELIN RECHERCHE ET TECHNIQUE S.A.  |           | NAGAO, AKIO                               | ORGANICA ZARTKOERUEEN MUEKOEDOE         |           |
| MICHELS, GEORG                        | 2,867,680 | NAGARJUNA FERTILIZERS AND CHEMICALS       | RESZVENYTARSASAG                        |           |
| MICHELS, JAMES P.                     | 2,861,785 | LIMITED                                   | (ZRT.)                                  | 2,786,971 |
| MICRO MOTION, INC.                    | 2,774,797 | NAIK, GAAURI                              | OROLOGIO, FURIO                         | 2,923,128 |
| MICROTEK MEDICAL, INC.                | 2,671,969 | NAKAGAWA, TAKAYUKI                        | ORTEGA GARCIA, FELIPE DE JESUS          | 2,823,320 |
| MIKEL, CHARLES CHAMCHOUMIS            | 2,669,736 | NANOCO TECHNOLOGIES LIMITED               | OSHKOSH CORPORATION                     | 2,724,324 |
| MIKLOSZ, MARK                         | 2,905,079 | NATIONAL RESEARCH COUNCIL OF CANADA       | OSTDAL, HENRIK                          | 2,592,083 |
| MLETZKY, FRANK                        | 2,915,421 | NATIONAL STEEL CAR                        | OSTERMAN, ROSS ALAN                     | 2,831,789 |
| MILJANIC, PETAR                       | 2,813,790 | LIMITED                                   | OSTERTAG, ERIC M.                       | 2,828,477 |
| MILLER, JACK E.                       | 2,760,857 | NAVARRO Y GARCIA,                         | OUTOTEC (FINLAND) OY                    | 2,870,601 |
| MILLER, STEVEN J.                     | 2,812,237 | FABRICE                                   | OWENS, THIMOTHY D.                      | 2,753,341 |
| MIN, JUNG-HYE                         | 2,880,256 | NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-   | OWENS-BROCKWAY GLASS CONTAINER INC.     | 2,802,985 |
| MINTON, CHARLIE E.                    | 2,710,623 | NATUURWETENSCHAPP                         | PACK-WALDEN, GINGER C.                  | 2,671,969 |
| MIRANDA, PEDRO C.                     | 2,610,991 | ELIJK ONDERZOEK TNO                       | PAGE, IAIN                              | 2,813,790 |
| MISER, JOHN                           | 2,718,079 | NEMETH, CHRISTOPHER P.                    | PALEVSKY, ALAN                          | 2,884,886 |
| MITADERA, JUN                         | 2,764,882 | NERI, BRUCE                               | PALMER, PAMELA                          | 2,636,088 |
| MITOMO, KATSUYUKI                     | 2,627,485 | NESTEC S.A.                               | PANANDIKER, RAJAN                       |           |
| mitsubishi gas chemical company, inc. | 2,764,882 | NESTEC S.A.                               | KESHAV                                  | 2,879,395 |
| MODIN, ANDREW E.                      | 2,882,362 | NEXTER SYSTEMS                            | PANASONIC HEALTHCARE HOLDINGS CO., LTD. | 2,858,013 |
| MOELLER, ROY                          | 2,854,308 | NEXTER SYSTEMS                            | PANDEY, RAVINDRA K.                     | 2,887,563 |
| MOELLER, ROY P.                       | 2,820,399 | NIEHUIS, EWALD                            | PANKRATZ, ANTHONY                       |           |
| MOFFETT, ROBERT HARVEY                | 2,822,649 | NIELD, P.E. GREGORY                       | WILLIAM                                 | 2,774,797 |
| MOHMEYER, HEINRICH                    | 2,697,046 | NIELSEN, PETER                            | PAPAKIPOS, MATTHEW                      |           |
| MOHMEYER, NILS                        | 2,697,046 | NIPPON STEEL & SUMITOMO METAL CORPORATION | NICHOLAS                                | 2,853,051 |
| MOHSSENI-ALA, SEYED-JAVAD             | 2,726,003 | NISBY, JOHN JOSEPH                        | PAPORELLO, BRITTANY C.                  | 2,745,443 |
| MONSANTO TECHNOLOGY LLC               | 2,720,737 | NOBLE, DUNCAN                             | PAQUETTE, ADAM D.                       | 2,701,405 |
| MONSANTO TECHNOLOGY LLC               | 2,884,046 | NOEL, CHRISTIAN                           | PARKER, JEFFREY STUART                  | 2,899,304 |
|                                       |           |   | PARRAMON, JORDI                         | 2,841,835 |
|                                       |           |   | PARREN, PAUL                            | 2,885,854 |
|                                       |           |   | PATEL, BHAWAN B.                        | 2,909,393 |
|                                       |           |   | PAWLITZKI, ALEXANDER                    | 2,764,783 |
|                                       |           |   |   | 2,726,643 |

**Index of Canadian Patents Issued**  
**February 21, 2017**

|  |           |  |           |  |           |
|--|-----------|--|-----------|--|-----------|
| PAYPAL INTERNATIONAL<br>LIMITED        | 2,407,622 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,688,374 | RETTELBACH, NIKOLAUS                           | 2,858,925 |
| PAYPAL, INC.                           | 2,407,622 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,690,575 | RFID MEXICO S.A. DE C.V.                       | 2,720,462 |
| PEARCE, JEREMIAH GLEN                  | 2,770,293 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,701,405 | RICHARDS, RUZE                                 | 2,764,824 |
| PEARCE, MARC F.                        | 2,827,410 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,702,501 | RICHESON, KEITH D.                             | 2,710,623 |
| PENLEY, JAMES R.                       | 2,827,410 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,909,393 | RIGAUD, PIERRE                                 | 2,731,986 |
| PENNER, LLOYD DEAN                     | 2,921,889 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,909,393 | RIGGLES, RANDALL K.                            | 2,529,651 |
| PEPSICO, INC.                          | 2,854,208 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,909,393 | RINGENA, OKKO                                  | 2,915,421 |
| PEREZ, GREG PAUL                       | 2,858,729 | PRATT & WHITNEY CANADA<br>CORP.                        | 2,909,393 | RISKI, TUOMAS                                  | 2,929,493 |
| PERSE, ERWAN PIERRE<br>ANTOINE         | 2,918,702 | PRICE LOGPRO, LLC                                      | 2,692,881 | RIVLIN, JOHN                                   | 2,764,824 |
| PERVAN, DARKO                          | 2,749,464 | PRIME FORMING &<br>CONSTRUCTION<br>SUPPLIES, INC., DBA |           | ROBERTSON, TIMOTHY                             | 2,789,097 |
| PETERSEN, WILLIAM L.                   | 2,884,046 | FITZGERALD   |           | RODDIER, DOMINIQUE                             | 2,719,694 |
| PETRELLA, ALLAN                        | 2,870,984 | FORMLINERS   | 2,741,326 | ROHDE & SCHWARZ GMBH &<br>CO. KG               | 2,824,905 |
| PETROWELL LIMITED                      | 2,715,861 | PRINCIPLE POWER, INC.                                  | 2,719,694 | ROHRER, ELLEN                                  | 2,850,550 |
| PETTERSEN, AKSEL                       | 2,767,886 | PROGRESSIVE<br>INTERNATIONAL<br>CORPORATION            | 2,748,610 | ROJAS, EMILIO                                  | 2,764,824 |
| PFIZER LIMITED                         | 2,823,622 | PROTEUS DIGITAL HEALTH,<br>INC.                        | 2,789,097 | ROOS, BERND                                    | 2,814,331 |
| PHASE ONE MEDICAL LLC                  | 2,731,638 | PULTZ, MICHAEL   | 2,857,140 | ROPER, JOHN A., III                            | 2,577,549 |
| PHD, INC.                              | 2,792,952 | QUAGHEBEUR, MIEKE                                      | 2,722,724 | ROSA CALATRAVA MANUEL<br>MELCHIOR, JEAN-PIERRE | 2,744,410 |
| PHILIP MORRIS PRODUCTS<br>S.A.         | 2,729,305 | QUALCOMM INCORPORATED                                  | 2,705,860 | ROSSET, HENRI                                  | 2,747,856 |
| PICKENS, JASON CONRAD                  | 2,669,736 | QUALCOMM INCORPORATED                                  | 2,718,660 | ROTH, YIFTACH                                  | 2,610,991 |
| PICKETT, NIGEL                         | 2,836,048 | QUALCOMM INCORPORATED                                  | 2,770,323 | ROUSSILLE, CLEMENT                             | 2,767,886 |
| PIKELNY, ALEKSANDR                     | 2,789,097 | RADEKER, MARC  | 2,854,830 | ROUT, JYOTI R.                                 | 2,744,896 |
| PINNISCH, RUSSEL MILES                 | 2,903,348 | RAEDEKER, MARC   | 2,881,842 | ROW, PAUL MURRAY                               | 2,884,046 |
| PINNISCH, RUSSEL MILES                 | 2,903,350 | RAJADHYAKSHA, V. V.                                    | 2,889,853 | RSR TECHNOLOGIES, INC.                         | 2,745,253 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,337 | RAKOW, GERHARD   | 2,804,461 | RUBBERMAID                                     | 2,828,051 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,338 | RAKUTEN, INC.  | 2,822,380 | INCORPORATED                                   | 2,857,363 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,339 | RAMBOW, FREDERICK<br>HENRY                             | 2,860,530 | RUEGGER, COLLEEN                               | 2,662,383 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,346 | RAMIREZ LOPEZ, JESUS<br>RICARDO                        | 2,804,461 | RUSSO, PAUL                                    | 2,738,217 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,347 | RAMIREZ, STEVEN<br>ALEXANDER                           | 2,823,320 | SAAL, CHRISTOPH                                | 2,738,127 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,348 | RAMLI, SITI SAWIAH                                     | 2,822,380 | SADLIER, ANDREAS                               | 2,841,478 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,349 | RAMOS ELIZONDO, RAFAEL<br>GUILLERMO                    | 2,617,366 | SAKAI, KOJI                                    | 2,898,724 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,350 | RAMSEY, PETER  | 2,740,933 | SALAHIEH, AMR                                  | 2,849,123 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,351 | RANEY, JOHN P.   | 2,770,293 | SAMSUNG ELECTRONICS<br>CO., LTD.               | 2,849,123 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,352 | RAPISCAN SYSTEMS, INC.                                 | 2,823,320 | SAMSUNG ELECTRONICS<br>CO., LTD.               | 2,813,930 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,353 | RASHID, KAZI M.  | 2,863,633 | SANDERS, J. RANDOLPH                           | 2,880,256 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,355 | RASMUSSEN, JENS EILSTRUP                               | 2,848,734 | SANDWEISS, VARDA                               | 2,847,351 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,379 | RASMUSSEN, LARS EILSTRUP                               | 2,820,299 | SANO, HIROKI                                   | 2,470,999 |
| PIONEER HI-BRED<br>INTERNATIONAL, INC. | 2,903,381 | RAVENScroft, ADRIAN                                    | 2,820,299 | SANOJI-AVENTIS                                 | 2,878,410 |
| PLAGIANOS, NICHOLAS J.                 | 2,848,694 | RAYTHEON COMPANY                                       | 2,731,638 | SANOJI-AVENTIS                                 | 2,728,123 |
| PLAKOGIANNIS, FOTIOS M.                | 2,816,203 | REACTEC LIMITED  | 2,731,638 | DEUTSCHLAND GMBH                               | 2,685,636 |
| PLETTENBURG, OLIVER                    | 2,728,123 | REBERS, FRANK  | 2,720,462 | SANTEK, MICHAEL                                | 2,741,573 |
| PLOETNER, JEFF                         | 2,861,423 | REBULLA, RENATO  | 2,761,795 | SARMA, KESHAB                                  | 2,753,341 |
| POHL, BRAD P.                          | 2,924,145 | REEH, CHRISTIANE                                       | 2,617,366 | SATO, TAKASHI                                  | 2,750,194 |
| POIRMEUR, XAVIER                       | 2,726,643 | REESE, OLIVER  | 2,863,633 | SAUL, TOM                                      | 2,849,123 |
| POSCHL, WOLFGANG                       | 2,850,548 | REHAHN, MATTHIAS                                       | 2,848,734 | SCARPA, CARL                                   | 2,820,299 |
| POST VAN LOON, ANGENITA<br>DOROTHEA    | 2,764,949 | REILING, VINCE   | 2,820,299 | SCHABEL, SAMUEL                                | 2,720,191 |
| POUTIATINE, ANDREW I.                  | 2,636,088 | REISIG, KARL A.  | 2,731,638 | SCHACHT HERNANDEZ,<br>PERSI                    | 2,915,421 |
| POWER, RONAN                           | 2,828,477 | RENEW GROUP PRIVATE<br>LIMITED                         | 2,884,886 | SCHAFFER, ROLF                                 | 2,823,320 |
| PRAKASH, RAJAT                         | 2,705,860 | REN, JIAXIANG  | 2,751,738 | SCHAFFER, MARC                                 | 2,785,946 |
|  |           | RENON, GUILLAUME                                       | 2,891,319 | SCHAEFFER, GERHARD                             | 2,877,789 |
|  |           |  | 2,802,985 | SCHELL, EDWARD                                 | 2,850,548 |
|  |           |  | 2,881,842 | SCHILLER, GARY FRANCIS                         | 2,720,191 |
|  |           |  | 2,915,421 | SCHLAGEL, BILL                                 | 2,836,783 |
|  |           |  | 2,802,985 | SCHLAGEL, INC.                                 | 2,838,446 |
|  |           |  | 2,809,319 | SCHMIDT, PHILLIP S.                            | 2,838,446 |
|  |           |  | 2,717,721 | SCHMIEDEL, GARY                                | 2,847,435 |
|  |           |  | 2,744,896 | SCHMITT, DIRK                                  | 2,724,324 |
|  |           |  |           | SCHNABEL, BARBARA LYNN                         | 2,844,485 |
|  |           |  |           | SCHNIDER, PATRICK                              | 2,917,244 |
|  |           |  |           |  | 2,743,976 |

**Index des brevets canadiens délivrés**  
**21 février 2017**

|   |           |   |           |                                  |           |
|---|-----------|---|-----------|----------------------------------|-----------|
| SCHOEN, KENT  | 2,825,976 | SMYTHE, CARL                              | 2,702,501 | TAMAI, MASAFUMI                  | 2,918,230 |
| SCHRECK, THOMAS   | 2,636,088 | SNECMA                                    | 2,744,896 | TANAKA, KATSUAKI                 | 2,876,592 |
| SCHROF, WOLFGANG  | 2,611,428 | SNECMA                                    | 2,769,778 | TARNOWSKI, GERMAN                |           |
| SCHUETZLE, LARRY ALVIN  | 2,921,889 | SNECMA                                    | 2,785,377 | CLAUDIO                          | 2,763,288 |
| SCHUITEMA, DENNIS J.  | 2,858,124 | SNECMA                                    | 2,918,702 | TARTER, JENNIFER ANN             | 2,903,349 |
| SCHULAKOW-KLASS,<br>ANDREJ  | 2,870,601 | SNYDER, JOHN K.                           | 2,800,170 | TAUER, MARK                      | 2,612,783 |
| SCHURB, JULIUS  | 2,833,890 | SNYDER, MICHAEL ALBERT<br>GESTION         | 2,879,395 | TAYGERLY, JOSHUA PAUL<br>GERGELY | 2,753,341 |
| SCHWARTZ, JUSTIN<br>MICHAEL   | 2,831,789 | SOLE ROJALS, JOEL                         | 2,777,645 | TAYLOR, BRETT STEVEN             | 2,820,299 |
| SCHWARZBACH, RONALD   | 2,845,509 | SOLIDA AG                                 | 2,854,830 | TAYLOR, TIMOTHY K.               | 2,916,268 |
| SCINOPHARM TAIWAN, LTD.   | 2,855,751 | SONGSTAD, DAVID D.                        | 2,755,654 | TECHNISCHE UNIVERSITAET          |           |
| SCOGGINS, WILLIAM CHRYS   | 2,839,346 | SOTH, MICHAEL                             | 2,884,046 | BERLIN                           | 2,742,691 |
| SCORFIELD, STEVEN L.  | 2,665,937 | SPENDLER, TINA                            | 2,726,460 | TECHNOLOGICAL                    |           |
| SEKIYAMA, KAZUHIDE  | 2,788,452 | SPIBER INC.                               | 2,592,083 | RESOURCES PTY.<br>LIMITED        | 2,728,749 |
| SELVAAG GRUPPEN AS  | 2,844,815 | SPIEGEL, KURT MICHAEL                     | 2,878,645 | TECHNOPHAGE,                     |           |
| SELVITELLI, DAVE  | 2,612,783 | SPRENGER, FLORIAN                         | 2,742,691 | INVESTIGACAO E                   |           |
| SEMMLER, SCOTT ERIC   | 2,640,195 | SQUARA, PIERRE                            | 2,695,726 | DESENVOLVIMENTO EM               |           |
| SENESE, THOMAS J.   | 2,865,580 | SRIVASTAVA, MADALASA                      | 2,739,745 | BIOTECNOLOGIA, SA                | 2,685,213 |
| SERENO GUERRA, ANTONIO  | 2,737,399 | STAHL, HENRIK OTTO                        | 2,789,037 | TEDFORD, CLARK E.                | 2,887,772 |
| SERT-LANGERON, CAROLINE   | 2,685,636 | STANKOWSKI, ALEXANDER                     | 2,772,227 | TELEKOM MALAYSIA                 |           |
| SHAHAB, OBAID   | 2,865,580 | STAUBER, HANS ULRICH                      | 2,741,411 | BERHAD                           | 2,741,083 |
| SHAN, XINXIN  | 2,831,641 | STEINER, BEAT                             | 2,885,854 | TENNY, NATHAN EDWARD             | 2,705,860 |
| SHANGHAI TECHWELL<br>BIOPHARMACEUTICAL<br>CO., LTD.   | 2,826,037 | STERN, ANNE                               | 2,885,854 | TENTO TECHNOLOGIES LTD.          | 2,804,949 |
| SHARMA, AMIT  | 2,898,736 | STONE, MATTHEW ROBERT                     | 2,841,835 | TER HORST, GERARD                | 2,768,670 |
| SHAW, ALAN  | 2,640,007 | STONE, PAUL                               | 2,690,575 | TERADA, TAKATOSHI                | 2,750,194 |
| SHAW, JOEL D.   | 2,828,858 | STORRS, RICHARD W.                        | 2,885,312 | TERASHIMA, NORIYOSHI             | 2,858,013 |
| SHEEHAN, BRIAN EUGENE   | 2,741,326 | STRACHAN, MARK                            | 2,837,237 | TERRIER, OLIVIER                 | 2,744,410 |
| SHELL CANADA ENERGY, A<br>GENERAL PARTNERSHIP<br>FORMED UNDER THE<br>LAWS OF THE PROVINCE<br>OF ALBERTA | 2,702,642 | STRASSER, MICHAEL                         | 2,896,744 | TESSIER, PAUL                    | 2,736,949 |
| SHELL INTERNATIONALE<br>RESEARCH<br>MAATSCHAPPIJ B.V.   | 2,770,293 | STRATASYS, INC.                           | 2,847,351 | TEXIER-NOGUES, ISABELLE          | 2,733,963 |
| SHEN, BIN   | 2,841,835 | STREIN, PAMELA                            | 2,885,854 | THALES CANADA INC.               | 2,792,723 |
| SHEN, HUI-RONG  | 2,887,772 | STROEDER, MICHAEL                         | 2,814,331 | THALES DEUTSCHLAND               |           |
| SHENZHEN HAN'S MOTOR<br>S&T CO., LTD.   | 2,912,115 | STROLLE, CHRISTOPHER                      | 2,720,191 | GMBH                             | 2,764,783 |
| SHEPPARD, RONALD<br>BUFORD  | 2,741,636 | STROUD, BRANDON L.                        | 2,857,363 | THD S.P.A.                       | 2,755,166 |
| SHI, JESS W.  | 2,813,083 | STRUVE, CARSTEN                           | 2,737,076 | THE BOEING COMPANY               | 2,869,074 |
| SHITRIT, SHIM'ON  | 2,822,513 | STUART, VINCENT JOSEPH                    | 2,737,320 | THE BOEING COMPANY               | 2,882,362 |
| SHUKLA, V.K.  | 2,838,520 | STUBENRAUCH, KAY-<br>GUNNAR               | 2,885,854 | THE BOEING COMPANY               | 2,885,514 |
| SIEMENS CANADA LIMITED  | 2,893,674 | SU, WEI                                   | 2,880,584 | THE CONCENTRATE                  |           |
| SIENKOWSKI, MICHAEL   | 2,784,150 | SUGAHARA, JUNICHI                         | 2,788,452 | MANUFACTURING                    |           |
| SIGNOPTIC TECHNOLOGIES  | 2,634,603 | SUGAWARA, KAZUHIRO                        | 2,876,592 | COMPANY OF IRELAND               | 2,850,550 |
| SILVESTRE, LOUISE   | 2,685,636 | SUH, TAE KWANG                            | 2,566,749 | THE GILLETTE COMPANY             |           |
| SIMOENS, HERVE  | 2,777,645 | SUMITOMO CHEMICAL<br>COMPANY, LIMITED     | 2,750,194 | LLC                              | 2,841,835 |
| SINGH, RAVI   | 2,686,687 | SUN, SOPHIE                               | 2,781,666 | THE GILLETTE COMPANY             |           |
| SIRIUS XM RADIO INC.  | 2,720,191 | SUNCOKE TECHNOLOGY<br>AND DEVELOPMENT LLC | 2,881,842 | LLC                              | 2,871,106 |
| SITE TECHNOLOGIES INC.  | 2,622,315 | SUPLIE, PASCAL                            | 2,771,054 | THE OHIO STATE                   |           |
| SJOGREN, ERIC BRIAN   | 2,726,460 | SURRIDGE, NIGEL A.                        | 2,529,651 | UNIVERSITY RESEARCH              |           |
| SKJAELDAL, INGVE MORTEN   | 2,744,420 | SVENDSEN, ALLAN                           | 2,592,083 | FOUNDATION                       | 2,612,394 |
| SKROBIS, KENNETH JAMES  | 2,841,835 | SVENDSEN, OYVAR                           | 2,767,886 | THE PATENT WELL LLC              | 2,820,669 |
| SLACK, JOHN   | 2,810,051 | SVIRIDOV, SERGEY                          | 2,669,736 | THE PROCTER & GAMBLE             |           |
| SLATER, SEAN J.   | 2,899,304 | SWANSON, CAL T.                           | 2,847,435 | COMPANY                          | 2,816,729 |
| SLATTERY, JASON SCOTT   | 2,841,835 | SWEENEY, ZACHARY KEVIN                    | 2,753,341 | THE PROCTER & GAMBLE             |           |
| SMITH, RONALD T.  | 2,781,870 | SYNCRude CANADA LTD.                      | 2,794,372 | COMPANY                          | 2,831,328 |
| SMITH, STEVEN DARYL   | 2,879,395 | SYNGENTA PARTICIPATIONS<br>AG             | 2,726,672 | THE PROCTER & GAMBLE             |           |
| SMITHSON, MITCHELL C.   | 2,828,858 | SZWEDOWICZ, JAROSLAW<br>LESZEK            | 2,772,227 | COMPANY                          | 2,849,323 |
|   |           | T-MOBILE USA, INC.                        | 2,665,875 | THE REGENTS OF THE               |           |
|   |           | TAGAMI, MANABU                            | 2,750,194 | UNIVERSITY OF                    |           |
|   |           | TAGAMI, MINORU                            | 2,810,487 | MICHIGAN                         | 2,879,395 |
|   |           | TAIZHOU DAJIANG<br>INDUSTRY. CO., LTD.    | 2,840,902 |                                  |           |

**Index of Canadian Patents Issued**  
**February 21, 2017**

|   |   |                     |   |                     |
|---|---|---------------------|---|---------------------|
| THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY | VILLOING, STEPHANE VLN ADVANCED TECHNOLOGIES INC. | 2,622,610 2,880,203 | WILLIAMS, ERIC A. WITCHHEY-LAKSHMANAN, LEONORE C. | 2,747,828 2,470,999 |
| THEISING, JOHN L.   | VOELKEL, LUDWIG                                   | 2,611,428           | WOJAK, BOGDAN                                     | 2,931,223           |
| THIBODEAU, ROBERT D.  | VOGLER, KLAUS                                     | 2,868,839           | WOLFMAN, NEIL M.                                  | 2,469,230           |
| THOMASSY, FERNAND A.  | VOLKER, ARNO WILLEM                               |                     | WOLLO, EVEN                                       | 2,767,886           |
| THORSNES, OLA OYSTEIN   | FREDERIK  | 2,719,398           | WONDERS, ALAN GEORGE                              | 2,741,636           |
| TIEU, ANDREW HUNG   | VOLLENWYDER, KURT                                 | 2,736,977           | WRIGHT, DONALD E.                                 | 2,882,362           |
| TOCAGEN INC.  | VOLLENWYDER, KURT                                 | 2,737,076           | WU, PING-YU                                       | 2,855,751           |
| TONG, YUHUA   | VROEMEN, CASPER                                   | 2,713,582           | WU, QIUYOU  | 2,880,584           |
| TOOSI, SALMA FALAH  | VUORENOJA, ARI-MATTI                              | 2,759,002           | WU, YAN   | 2,638,785           |
| TORETSKY, JEFFREY A.  | W. L. GORE & ASSOCIATES, INC.                     | 2,810,671           | WUELLNER, CHRISTIAN                               | 2,868,839           |
| TORRES ISLAS, JUAN AGUSTIN  | W. L. GORE & ASSOCIATES, INC.                     | 2,849,110           | WYETH   | 2,469,230           |
| TREMBLAY, KATHLEEN  | W. L. GORE & ASSOCIATES, INC.                     |                     | WYETH   | 2,665,169           |
| TRIESENBERG, THOMAS H.  | WAHNER, HERBERT                                   | 2,860,530           | WYETH LLC   | 2,761,795           |
| TROSHKO, ANDREY A.  | WAKELING, TIM                                     | 2,917,345           | XEROX CORPORATION                                 | 2,704,444           |
| TRZEBSKI, JEAN-PIERRE   | WALD, DAVID                                       | 2,728,132           | XEROX CORPORATION                                 | 2,833,604           |
| TSVALAS, JOHN   | WALDHAUSL, HEINZ                                  | 2,728,132           | XEROX CORPORATION                                 | 2,836,731           |
| TURCHETTA, STEFANO  | WALLING, PAUL DOUGLAS                             | 2,917,345           | XIA, SICHONG                                      | 2,836,751           |
| TYCO HEALTHCARE GROUP LP  | WALLINGER, MARTIN                                 | 2,529,651           | XU, HAO   | 2,770,323           |
| TYMOSHENKO, OLES  | WALTHER, MATHIAS                                  | 2,850,548           | XY, LLC   | 2,566,749           |
| TZANNIS, STELIOS  | WANDA M WEDER AND WILLIAM F STRAETER,             | 2,823,622           | YAKES, CHRISTOPHER K.                             | 2,724,324           |
| UBER TECHNOLOGIES, INC.   | NOT INDIVIDUALLY BUT SOLELY AS TRUSTEES           |                     | YALE, DAVID P.                                    | 2,758,558           |
| UCKUNG, SOY   | OF THE FAMILY TRUST                               | 2,917,345           | YAN, MINHONG                                      | 2,638,785           |
| UEREN, AYKUT  | U/T/A DATED DECEMBER 8, 1995                      | 2,728,132           | YAN, WENZHUO                                      | 2,880,203           |
| UGWU, SYDNEY O.   | WANG, BIN   | 2,812,261           | YANAGIHARA, ARISA                                 | 2,810,487           |
| ULTRASHAPE LTD.   | WANG, CHAN Q.                                     | 2,793,933           | YANG, KUO-YI                                      | 2,830,616           |
| UNILEVER PLC  | WANG, GUANGNENG                                   | 2,912,115           | YANG, MINGJUN                                     | 2,840,902           |
| UNIVERSAL CITY STUDIOS LLC  | WANG, GUOQIANG                                    | 2,812,261           | YANG, ZICHENG                                     | 2,820,399           |
| UNIVERSITE CLAUDE BERNARD DE LYON 1                                       | WANG, SHARON LAM                                  | 2,896,744           | YAO, MIN  | 2,737,147           |
| UPM-KYMMEENE CORPORATION  | WANG, XING  | 2,899,663           | YATES, HOWARD J.                                  | 2,804,949           |
| UPSHAW, TIMOTHY ALAN  | WANG, XIUSHENG                                    | 2,826,037           | YEAP, TET HIN                                     | 2,741,083           |
| USG INTERIORS, LLC  | WARRIOR SPORTS, INC.                              | 2,899,304           | YEUNG, LEE K.                                     | 2,905,079           |
| UVU TECHNOLOGIES, LLC   | WATANABE, KENICHIRO                               | 2,810,487           | YIN, QUN  | 2,769,525           |
| VALAZZA, STEPHEN  | WATLOW ELECTRIC MANUFACTURING COMPANY             | 2,847,435           | YOHEI, ENDO                                       | 2,885,850           |
| VALINGE INNOVATION AB   | WATLOW ELECTRIC MANUFACTURING COMPANY             |                     | YOKOCHI, TARO                                     | 2,750,194           |
| VALKONEN, SANNA   | WEALIGHT GMBH                                     | 2,850,548           | YOSHIDA, TAKUYA                                   | 2,898,724           |
| VALLEE, DANIEL  | WEBB, THOMAS ROY                                  | 2,868,839           | YUAN-MEI CORP.                                    | 2,703,798           |
| VAN DE WINKEL, JAN  | WEBER, GERHARD P.                                 | 2,669,736           | YUSOF, ROHAYU                                     | 2,741,083           |
| VAN DER GEIZE, ROBERT   | WEDE, DONALD E.                                   | 2,903,353           | ZAJAC, MACIEJ                                     | 2,844,485           |
| VAN DORP, ERWIN   | WEE, ARNSTEIN                                     | 2,669,862           | ZANGEN, ABRAHAM                                   | 2,610,991           |
| VAN LEEUWEN, JEROEN   | WEI, BANGFU                                       | 2,744,420           | ZANON, STEPHEN                                    | 2,820,399           |
| VAN VUGT, MARTINE   | WEI, YONGBIN                                      | 2,881,971           | ZANON, STEPHEN                                    | 2,854,308           |
| VANDAELE, MATTHIEU  | WEILAND, ERIC BERNARD                             | 2,770,323           | ZASTROW, LEONHARD                                 | 2,661,506           |
| VANTRIX CORPORATION   | WEISS, DAVID                                      | 2,878,645           | ZDEBLICK, MARK                                    | 2,789,097           |
| VAYDA, PIERRE   | WELLWOOD, GRANT                                   | 2,837,237           | ZEMAN, STEVEN                                     | 2,522,586           |
| VEIT, JAN   | WENDLER, CURTIS E.                                | 2,728,749           | ZENONI, MAURIZIO                                  | 2,780,432           |
| VELDMAN, GEERTRUIDA M.  | WENDTLAND, CHRISTOPHER                            | 2,898,736           | ZHANG, NAIJIE                                     | 2,854,208           |
| VERDE CHIFFLET, LUIS A.   | WEYLER, WALTER                                    | 2,814,331           | ZHANG, PENGYONG                                   | 2,912,115           |
| VEREGIN, RICHARD P N  | WHITAKER, DAVID WALTER                            | 2,713,582           | ZHANG, WANGGEN                                    | 2,884,046           |
| VERSTEHYHE, MARK R.J.   | WHITAKER, DAVID WALTER                            | 2,903,337           | ZHANG, XIAOXIA                                    | 2,770,323           |
| VESTAL, WESLEY C.   | WHITTEMORE, LISA-ANNE                             | 2,903,346           | ZHANG, XU   | 2,679,901           |
| VESTAS WIND SYSTEMS A/S   | WIHLBORG, NILS                                    | 2,469,230           | ZHANG, ZHAOLI                                     | 2,826,037           |
| VIDAURRI OJEDA, ANTONIO   | WILKS, JOEL B.                                    | 2,866,796           | ZHEJIANG HISUN PHARMACEUTICAL CO. LTD.            | 2,887,563           |
| VIHONEN, PEKKA  |   | 2,884,046           | ZHENG, YAN  | 2,669,736           |
| VIJAY, MOHAN M.   |   |                     | ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.             | 2,679,901           |
| VIKSOE-NIELSEN, ANDERS  |   |                     | ZHOU, LIANGLIANG                                  | 2,826,037           |

**Index des brevets canadiens délivrés  
21 février 2017**

|                 |           |
|-----------------|-----------|
| ZOZULYA, SERGEY | 2,669,736 |
| ZUCKER, ADAM    | 2,877,875 |

# Index of Canadian Applications Open to Public Inspection

February 5, 2017 to February 11, 2017

## Index des demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

|  |           |   |                               |   |                               |
|--|-----------|---|-------------------------------|---|-------------------------------|
| 0959690 B.C. LTD. DOING BUSINESS AS MAT PROCESSING SYSTEMS | 2,928,448 | BATURAY, KEMAL MURAT BENSON, DANIEL PAUL BERTRAM, MICHAEL SCOTT | 2,899,427 2,938,481 2,937,562 | COMPAGNAT, JESSEN COOMBS, PAUL G. COOMBS, PAUL G. | 2,938,232 2,938,011 2,938,013 |
| A. O. SMITH CORPORATION                                    | 2,938,260 | BIOSENSE WEBSTER (ISRAEL) LTD.                                  | 2,938,210                     | COSH, ROBERT STEVEN                               | 2,900,177                     |
| ACCENTURE GLOBAL SERVICES LIMITED                          | 2,933,897 | BIOSENSE WEBSTER (ISRAEL) LTD.                                  | 2,938,310                     | COSH, ROBERT STEVEN                               | 2,908,793                     |
| AECON GROUP INC  | 2,900,182 | BLESSER, BARRY A.   | 2,933,094                     | COURTOIS, MAXIME                                  | 2,938,108                     |
| AECON GROUP INC.   | 2,938,912 | BLOM, ROGIER SEBASTIAAN   | 2,938,205                     | COVIDIEN LP                                       | 2,937,825                     |
| AEVOE INTERNATIONAL LTD.                                   | 2,937,525 | BOCKS, STEFAN   | 2,938,852                     | CRAPO, ANDREW WALTER                              | 2,937,677                     |
| AIRBUS HELICOPTERS   | 2,951,069 | BOCKS, STEFAN   | 2,938,856                     | CROWDSTRIKE, INC.                                 | 2,935,248                     |
| AIRBUS HELICOPTERS   | 2,951,073 | BOHRA, LALIT K.   | 2,946,981                     | CRUZ, JEFFREY S.                                  | 2,937,234                     |
| AIRBUS OPERATIONS GMBH                                     | 2,937,823 | BOMATTER, CHRISTIAN   | 2,921,149                     | CSI TECHNOLOGIES LLC                              | 2,934,362                     |
| AL ASSAD, OMAR   | 2,938,205 | BROWN, DAVID  | 2,934,362                     | CULLINANE, JOHN T.                                | 2,946,981                     |
| ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG             | 2,935,996 | BROWN, MICHAEL  | 2,900,177                     | CYRIL, JANOT                                      | 2,938,640                     |
| ALBERTA FLUX SOLUTIONS LTD.                                | 2,900,158 | BROWN, MICHAEL  | 2,908,793                     | DE CHAMPLAIN, DANY                                | 2,938,232                     |
| ALCOA INC.   | 2,938,329 | BROWN, MICHAEL  | 2,932,667                     | DEINEMA, MATTHEW P.                               | 2,938,118                     |
| ALEMAN VAZQUEZ, LAURA OLIVIA                               | 2,938,272 | BUNDY, JOSEPH C.  | 2,937,562                     | DEL VECCHIO, ORIN                                 | 2,907,347                     |
| ALEXO THERAPEUTICS INC.                                    | 2,938,180 | BUYERS PRODUCTS COMPANY   | 2,938,749                     | DEL VECCHIO, ORIN                                 | 2,907,351                     |
| ALFANO, DAVID  | 2,951,069 | CAMERON, DARREN SCOTT   | 2,900,177                     | DEMING, LAURA                                     | 2,938,180                     |
| ALFANO, DAVID  | 2,951,073 | CAMERON, DARREN SCOTT   | 2,908,793                     | DENG, JINHONG                                     | 2,901,705                     |
| AMAYA, KOUCHE  | 2,951,081 | CAMPBELL, ED  | 2,932,667                     | DING, HAOZHI                                      | 2,938,490                     |
| AMFIELDS, LP   | 2,936,220 | CANO DOMINGUEZ, JOSE  | 2,900,720                     | DIONNE, LUC                                       | 2,938,108                     |
| AMFIELDS, LP   | 2,936,221 | LUIS  | 2,938,272                     | DONANA 1998, S.L.                                 | 2,921,125                     |
| AMFIELDS, LP   | 2,936,320 | CARON, KIM  | 2,928,448                     | DULSKI, SARA                                      | 2,938,117                     |
| AMFIELDS, LP   | 2,936,322 | CASTELLANOS DUARTE, DIANE Y.                                    | 2,946,981                     | DURLING, MICHAEL                                  | 2,937,677                     |
| AMI INDUSTRIES, INC.                                       | 2,938,122 | CATCHING, BENJAMIN F.   | 2,938,011                     | RICHARD   | 2,938,105                     |
| AMIN, ALI  | 2,923,659 | CATCHING, BENJAMIN F.   | 2,938,013                     | DUSSAULT, SERGE                                   | 2,938,108                     |
| ARMOR  | 2,937,269 | CATHEDRAL ENERGY SERVICES LTD.                                  | 2,899,519                     | DUSSAULT, SERGE                                   | 2,946,981                     |
| ARMSTRONG, RUSSELL WINSTON                                 | 2,937,884 | CHAJI, GHOLAMREZA   | 2,900,170                     | EARTH TOOL COMPANY LLC                            | 2,900,182                     |
| ARNOLD, J. ERIC  | 2,938,260 | CHAN, PAUL MON-WAH  | 2,907,347                     | EARTHTOOL COMPANY LLC                             | 2,938,912                     |
| ATCHLEY, MICHAEL D.  | 2,938,073 | CHAN, PAUL MON-WAH  | 2,907,351                     | ELECTRO SCAN, INC.                                | 2,905,492                     |
| ATCHLEY, MICHAEL D.  | 2,938,075 | CHAN, SANJITH   | 2,937,952                     | DEMING, LAURA                                     | 2,938,117                     |
| ATCHLEY, MICHAEL DEAN                                      | 2,936,766 | CHARRIER, NICOLAS   | 2,923,659                     | DEMING, MARC ANDRE                                | 2,938,232                     |
| AVERINK, JOHN MARK   | 2,938,405 | CHATZIGRIGORIOU, MICHAEL  | 2,937,269                     | DUSSAULT, SERGE                                   | 2,937,377                     |
| BACHHAL, SUKHBIR SINGH                                     | 2,901,478 | CHAUVIN, GREGORY EMILE  | 2,931,129                     | DUSSAULT, SERGE                                   | 2,938,069                     |
| BAKER, BRADLEY WILLIAM                                     | 2,938,405 | CHAUVIN, GREGORY EMILE  | 2,900,177                     | EWALD DORKEN AG                                   | 2,938,260                     |
| BANDIC, ZVONIMIR Z.  | 2,938,584 | CHAUVIN, GREGORY EMILE  | 2,908,793                     | EXXONMOBIL UPSTREAM RESEARCH COMPANY              | 2,946,981                     |
| BAR-TAL, MEIR  | 2,938,310 | CHAUVIN, GREGORY EMILE  | 2,932,667                     | FELLIN, NICOLAS                                   | 2,937,396                     |
| BARAK, RON   | 2,937,825 | CHENOIX, MATHIEU  | 2,937,396                     | FERNANDES, MICHAEL A.                             | 2,920,458                     |
| BARBULESCU, ION-HORATIU                                    | 2,938,329 | CHIANG, HUAI SHUN   | 2,937,525                     | FINE, KENNETH DAVIN                               | 2,938,069                     |
| BARHORST, STEVEN EDWARD                                    | 2,937,562 | CHISM, JOSHUA D.  | 2,899,551                     | FITZGERALD, JANICE                                | 2,938,246                     |
| BARNETT, JONATHAN K.                                       | 2,907,347 | CHISM, STEVEN D.  | 2,899,551                     | FOOTE, DEAN N.                                    | 2,899,519                     |
| BARNETT, JONATHAN K.                                       | 2,907,351 | CHIU, MING-TSUNG  | 2,899,982                     | FRANKE TECHNOLOGY AND TRADEMARK LTD.              | 2,921,149                     |
| BARNETT, JONATHAN K.                                       | 2,937,952 | CHUANG, HSIEH-CHEN  | 2,938,379                     | GARETON, VINCENT                                  | 2,951,069                     |
| BARNETT, THOMAS  | 2,936,745 | CHUANG, HSIEH-CHEN  | 2,938,380                     | GARETON, VINCENT                                  | 2,951,073                     |
| BARNETT, THOMAS  | 2,937,193 | CHUANG, PING-HAN  | 2,938,379                     | GARNEAU, LOUIS                                    | 2,951,452                     |
| BARTLEYWOOD, ALLAN   | 2,948,700 | CHUANG, PING-HAN  | 2,938,380                     | GE AVIATION SYSTEMS                               | 2,938,234                     |
| BARTON, JUSTIN EDWIN                                       | 2,938,205 | CLARKE, WILLIAM G.  | 2,900,182                     | GE AVIATION SYSTEMS LIMITED                       | 2,938,203                     |
|  |           | CLARKE, WILLIAM G.  | 2,938,912                     | GE AVIATION SYSTEMS LLC                           | 2,938,203                     |

## Index des demandes canadiennes mises à la disponibilité du public

5 février 2017 au 11 février 2017

|                                      |           |                                 |           |  |           |
|--------------------------------------|-----------|---------------------------------|-----------|--|-----------|
| GENERAL ELECTRIC COMPANY             | 2,937,676 | HYDRA HEATING INDUSTRIES, LLC   | 2,938,285 | LAVOIE, JOHN                               | 2,900,033 |
| GENERAL ELECTRIC COMPANY             | 2,937,677 | HYDRITE CHEMICAL CO.            | 2,909,253 | LEAL, JORGE ESTEBAN                        | 2,934,362 |
| GENERAL ELECTRIC COMPANY             | 2,938,205 | IANNOTTI, JOSEPH ALFRED         | 2,937,676 | LEDOUX, MERVIN TERRY                       | 2,923,268 |
| GENERAL ELECTRIC COMPANY             | 2,938,223 | IGNIS INNOVATION INC.           | 2,900,170 | LEE, DUANE A.                              | 2,938,260 |
| GENERAL ELECTRIC COMPANY             | 2,938,232 | IMPERIAL OIL RESOURCES LIMITED  | 2,946,981 | LEE, JOHN JONG SUK                         | 2,907,347 |
| GOODMAN, COREY                       | 2,938,180 | INDMAR PRODUCTS COMPANY INC.    | 2,935,517 | LEE, JOHN JONG SUK                         | 2,907,351 |
| GOPALAKRISHNA, RAJESH                | 2,938,070 | INGENICO GROUP                  | 2,938,640 | LEMBCKE, JEFFREY J.                        | 2,937,952 |
| GOYAL, NITIN KUMAR                   | 2,938,122 | INSTITUTO MEXICANO DEL PETROLEO | 2,938,272 | LEROUX, ALAIN                              | 2,920,434 |
| GRABOWSKI, MARK                      | 2,905,492 | IONESCU, ION-ALEXANDRU          | 2,935,248 | LETOURNEAU, DAVID MICHAEL                  | 2,900,158 |
| GRAMMENTZ, DILON RICHARD             | 2,909,253 | ISA CO., LTD.                   | 2,938,347 | LEUNG, KA HUNG                             | 2,945,593 |
| GRAY, GEOF J.                        | 2,938,405 | ISAYAMA, KIYOSHI                | 2,938,347 | LEUSINK, DEBBIE                            | 2,951,069 |
| GRICE, BYRON KEITH                   | 2,937,931 | ISITMAN, NIHAT ALI              | 2,936,849 | LI, MENG                                   | 2,951,073 |
| GRIFOLS WORLDWIDE OPERATIONS LIMITED | 2,936,745 | J.J. KELLER & ASSOCIATES, INC.  | 2,899,800 | LICHTMAN, MARTIN LOUIS GARNEAU SPORTS INC. | 2,937,677 |
| GRIFOLS WORLDWIDE OPERATIONS LIMITED | 2,937,193 | J.J. MACKAY CANADA LIMITED      | 2,900,177 | LOWTHER, JAMES W.                          | 2,951,452 |
| GROSS, ROBERT M.                     | 2,928,448 | J.J. MACKAY CANADA              | 2,908,793 | MACKAY, GEORGE                             | 2,899,427 |
| HAGSHENAS, BEHZAD                    | 2,938,108 | LIMITED                         | 2,908,793 | MACKAY, GEORGE                             | 2,908,793 |
| HAMBLY, JESSE                        | 2,938,312 | J.J. MACKAY CANADA              | 2,932,667 | MACKAY, GEORGE                             | 2,932,667 |
| HAMBLY, LUKE                         | 2,938,312 | LIMITED                         | 2,899,839 | MACKAY, JAMES GEORGE                       | 2,900,177 |
| HAMILTON, MATTHEW                    | 2,907,347 | JABER, ISAM                     | 2,937,396 | MACKAY, JAMES GEORGE                       | 2,908,793 |
| HAMILTON, MATTHEW                    | 2,907,351 | JACQUERIE, JEAN-LOUIS           | 2,937,847 | MAHARAJ, DAMIEN                            | 2,932,667 |
| HAMILTON, MATTHEW                    | 2,937,952 | JASPER, EDWARD PATRICK          | 2,899,551 | MAILE, BERND                               | 2,944,693 |
| HANDY, PETER JAMES                   | 2,938,234 | JENKINS, ANDREW                 | 2,938,434 | MAJUMDAR, SAYAK S.                         | 2,935,996 |
| HANSEN, CHARLES A.                   | 2,905,492 | JET FLUID SYSTEMS INC.          | 2,938,272 | MALO, HABL                                 | 2,937,234 |
| HARFMANN, CARSTEN                    | 2,937,377 | JIMENEZ CRUZ, FEDERICO          | 2,937,677 | MANOLIOS, PANAGIOTIS                       | 2,899,671 |
| HARLANDER, FLORIAN                   | 2,938,852 | JOHNSON, TIMOTHY LEE            | 2,899,911 | MARES GALLARDO, MARIA TERESA               | 2,937,677 |
| HARLANDER, FLORIAN                   | 2,938,856 | JONES, ANDREW                   | 2,938,108 | MARR, MICHAEL A.                           | 2,938,272 |
| HARTMAN WALSH CORP.                  | 2,899,551 | JONES, ANTHONY                  | 2,938,110 | MASHBURN, RACHEL M.                        | 2,946,981 |
| HATTEMAR, OWEN                       | 2,899,551 | JONES, ANTHONY                  | 2,938,113 | MASLENNIKOV, JOHANNES                      | 2,935,517 |
| HAWKINS, MICHAEL S.                  | 2,936,442 | JONES, ANTHONY                  | 2,938,115 | MATEESCU, ROBERT E.                        | 2,937,823 |
| HCC, INC.                            | 2,937,847 | JONES, ANTHONY                  | 2,938,119 | MATOS RODRIGUEZ,                           | 2,938,584 |
| HENKE, DANIEL MARK                   | 2,936,489 | JONES, ANTHONY                  | 2,937,092 | MANUEL                                     | 2,921,125 |
| HENKES, TOM                          | 2,937,396 | JONES, MATTHEW A.               | 2,937,092 | MATSUBARA, HIDETO                          | 2,951,081 |
| HERMAN, DEMIR                        | 2,938,640 | JONES, NICHOLAUS A.             | 2,938,105 | MATSUURA MACHINERY CORPORATION             | 2,938,272 |
| HERNANDEZ PEREZ, FIDENCIO            | 2,938,272 | JULIEN, ANDRE                   | 2,938,110 | MATULIS, HENRIQUE                          | 2,951,081 |
| HERRINGTON, EMILY                    | 2,938,001 | JULIEN, ANDRE                   | 2,938,113 | MATUTE SALGADO, JOSE LUIS                  | 2,899,480 |
| HGST NETHERLANDS B.V.                | 2,938,584 | JULIEN, ANDRE                   | 2,938,115 | MAURER, SCOTT                              | 2,937,459 |
| HIELKEMA, JERRY DEAN                 | 2,938,203 | JULIEN, ANDRE                   | 2,938,119 | MAYNOCK, STEVE                             | 2,900,720 |
| HIGH, DONALD                         | 2,936,766 | JULIEN, ANDRE                   | 2,899,519 | MCDANIEL, KYLE A.                          | 2,938,329 |
| HIGH, DONALD R.                      | 2,938,073 | KAMINSKI, JOHN                  | 2,951,081 | MCDONALD, ROBERT G.                        | 2,936,220 |
| HIGH, DONALD R.                      | 2,938,075 | KATO, TOSHIHIKO                 | 2,935,517 | MCMULLIN, DAVID ANDREW                     | 2,937,234 |
| HILARIDES, JIM J.                    | 2,909,253 | KIMBALL, KEVIN J.               | 2,899,396 | MCMULLIN, DAVID ANDREW                     | 2,900,177 |
| HINK, PAUL                           | 2,937,459 | KOFFSKI, SAM                    | 2,938,852 | MCMULLIN, DAVID ANDREW                     | 2,908,793 |
| HOBART BROTHERS COMPANY              | 2,937,562 | KOPFENSTEINER, PETER            | 2,938,856 | MCMULLIN, DAVID ANDREW                     | 2,932,667 |
| HOELTING, KEITH ALLEN                | 2,938,091 | KOUSHIK,                        | 2,938,091 | MEADE, CLIFTON                             | 2,944,362 |
| HOFFMAN, MICHAEL                     | 2,938,285 | VIJAYARAGHAVAN                  | 2,933,897 | MENHEERE, DAVID                            | 2,938,108 |
| HOLT Kamp, CHRISTIAN PETER           | 2,937,951 | KRAUS, GEORGE W., II            | 2,938,260 | MENHEERE, DAVID                            | 2,938,110 |
| HONECK, RANDALL GENE                 | 2,938,490 | KREIMEYER, ANDREW JAMES         | 2,938,091 | MENHEERE, DAVID                            | 2,938,113 |
| HONEYWELL INTERNATIONAL INC.         | 2,938,070 | KUBIAK, BRIAN                   | 2,899,800 | MENHEERE, DAVID                            | 2,938,115 |
| HOOPER, WILLIAM J., JR.              | 2,938,329 | LAFORTUNE, SERGE                | 2,938,108 | MEREDITH, HARRY                            | 2,938,119 |
| HRUSKA, CURTIS R.                    | 2,938,011 | LAI, PATRICK                    | 2,931,129 | MEYERS, TROY L.                            | 2,938,525 |
| HRUSKA, CURTIS R.                    | 2,938,013 | LAKSHMIVARAHAN, SURYA           | 2,923,659 | MICHATEK K.S.                              | 2,938,118 |
| HUBBELL INCORPORATED                 | 2,938,001 | LANDSVERK, JOEL                 | 2,899,800 | MICHATEK K.S.                              | 2,938,852 |
| HUGHES, GARY                         | 2,938,205 | LARAMEE, JEAN-PIERRE            | 2,938,232 | MIDORIKAWA, TETSUSHI                       | 2,938,856 |
| HUGHES, MATTHEW JAMES                | 2,900,158 | LATURELL, DON                   | 2,937,821 | MILLER, MATTHEW M.                         | 2,951,081 |
|                                      |           | LAUR, RUDIGER                   | 2,937,377 | MOITRA, SUPARNA                            | 2,938,329 |
|                                      |           |                                 |           |  | 2,933,897 |

**Index of Canadian Applications Open to Public Inspection**  
**February 5, 2017 to February 11, 2017**

|  |           |                                     |           |                                    |
|--|-----------|-------------------------------------|-----------|------------------------------------|
| MOORMAN, SCOTT                                   | 2,938,749 | RATHOD, SANDEEP J.                  | 2,933,897 | SUMMERS MANUFACTURING              |
| MORRISON, DARRYL J.                              | 2,899,839 | REVOLUTION'R                        | 2,920,434 | COMPANY, INC.                      |
| NATU, MAITREYA                                   | 2,938,472 | RICHTER, STEPHAN                    | 2,930,482 | SUTHERLAND, MARK                   |
| NELSON, ERIC D.                                  | 2,946,981 | RIVARD, DANIEL                      | 2,937,605 | SYKES, GREGORY REED                |
| NELSON, JOSEPH D.                                | 2,938,118 | RIVIERE, GUILLAUME                  | 2,937,269 | TAIWAN NETWORK                     |
| NEW WIDETECH INDUSTRIES CO., LTD.                | 2,899,982 | ROBERTS-GORDON LLC                  | 2,930,482 | COMPUTER &                         |
| NEW YORK PACKAGING II LLC                        | 2,936,631 | ROBERTSON, ANDREA LEA               | 2,938,596 | ELECTRONIC CO., LTD.               |
| NINGBO HAIDER IMPORT AND EXPORT CO., LIMITED     | 2,938,314 | ROBINSON, LOREN C.                  | 2,935,248 | TAIWAN NETWORK                     |
| NORDCO INC.                                      | 2,936,489 | ROBISON, CLARK E.                   | 2,936,220 | COMPUTER &                         |
| NOVA CHEMICALS CORPORATION                       | 2,899,839 | ROBISON, CLARK E.                   | 2,936,320 | ELECTRONIC CO., LTD.               |
| NOVAKOVIC, BORIS                                 | 2,937,951 | ROBISON, CLARK E.                   | 2,936,322 | TATA CONSULTANCY                   |
| O'FALLON, PATRICK TIMOTHY                        | 2,938,210 | RODERMAN, BRIAN                     | 2,938,117 | SERVICES LIMITED                   |
| O'HERN, CAROL                                    | 2,899,800 | RONE, NICK                          | 2,936,766 | TAYLOR, ROBERT C.                  |
| O'NEIL, ADRIAN IGNATIUS                          | 2,900,177 | ROSNER, BRIAN DAVID                 | 2,937,931 | TAYLOR, ROBERT J.                  |
| O'NEIL, ADRIAN IGNATIUS                          | 2,908,793 | ROSS, DAVID A.                      | 2,936,745 | TAYLOR, ROBERT J.                  |
| O'NEIL, ADRIAN IGNATIUS                          | 2,932,667 | ROSS, DAVID A.                      | 2,937,193 | THAI, TRANG THUY                   |
| OCEGUEDA GALLAGA, VICTOR HUGO                    | 2,938,686 | ROZENDAAL, JACOBUS A.               | 2,938,405 | THE GOODYEAR TIRE & RUBBER COMPANY |
| OP-HYGIENE IP GMBH                               | 2,899,911 | RUBINSTEIN, VLADIMIR                | 2,938,310 | THE HILLMAN GROUP, INC.            |
| OPHARDT, HEINER                                  | 2,899,911 | SABINS, FRED                        | 2,934,362 | THE TORONTO-DOMINION BANK          |
| ORTHESES TURBOMED INC. / TURBOMED ORTHOTICS INC. | 2,900,058 | SACRIPANTE, GUERINO G.              | 2,936,442 | THE TORONTO-DOMINION BANK          |
| OSHKOSH CORPORATION                              | 2,938,118 | SADAPHAL, VAISHALI PAITHANKAR       | 2,938,472 | THE TORONTO-DOMINION BANK          |
| PARK, RANDALL EWEN                               | 2,900,377 | SAFRAN AERO BOOSTERS SA             | 2,937,396 | THE TORONTO-DOMINION BANK          |
| PARLANE, LAURENCE AUSTIN JAMES                   | 2,938,481 | SAKMAR, JOHN                        | 2,938,001 | THE TORONTO-DOMINION BANK          |
| PAROLINI, LUCA                                   | 2,937,677 | SAKUHUNI, GIVEMORE                  | 2,946,981 | THE TORONTO-DOMINION BANK          |
| PASMA, CHAD DEREK                                | 2,938,405 | SALFORD GROUP INC.                  | 2,938,405 | THIELEN, GEORGES MARCEL            |
| PENDELTON, JUSTIN                                | 2,938,117 | SALOMONS, STEPHEN                   | 2,899,839 | VICTOR                             |
| PENG, CHIA-MEI                                   | 2,938,379 | SALTZMAN, MARK                      | 2,938,749 | THOMAS, BENSON                     |
| PENG, CHIA-MEI                                   | 2,938,380 | SANDRE, BRUNO                       | 2,907,347 | THOMASSIN, JEAN                    |
| PIMENTEL, NATHALIE                               | 2,938,117 | SANDRE, BRUNO                       | 2,907,351 | THOMASSIN, JEAN                    |
| PLATT, WILLIAM CHESTER                           | 2,937,676 | SAVARD, STEPHANE                    | 2,937,952 | THOMASSIN, JEAN                    |
| PLETERSKI, JAMES                                 | 2,937,821 | SCHMITT, KENNETH J.                 | 2,900,058 | THOMASSIN, JEAN                    |
| PLOURDE, RENE                                    | 2,951,452 | SCHMITT, KENNETH J.                 | 2,936,220 | THOMASSIN, JEAN                    |
| POEHLMAN, ROBERT FREDERICK                       | 2,938,260 | SCHMITT, KENNETH J.                 | 2,936,221 | THOMASSIN, JEAN                    |
| POLYGROUP MACAU LIMITED (BVI)                    | 2,938,686 | SCHMITT, KENNETH J.                 | 2,936,320 | THOMPSON, CHAD TAYLOR              |
| POMPEI, MANUELA                                  | 2,936,849 | SCHMITT, KENNETH J.                 | 2,936,322 | TLS CORP.                          |
| PONOMAREV, VLADIMIR                              | 2,899,767 | SHI, ZHENCHUN (TONY)                | 2,899,911 | TONG, RICKY                        |
| PONS, JAUME                                      | 2,938,180 | SHIN, KEVIN                         | 2,938,117 | TOSSENS, LAURENT                   |
| POYNTZ, PHILIP                                   | 2,938,475 | SHUKLA, ARPAN                       | 2,933,897 | TRAPANI, JAMES S.                  |
| PRASAD, RAJENDRA T.                              | 2,933,897 | SIDHU, IQBAL                        | 2,900,184 | TRAPANI, JAMES S.                  |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,105 | SIDHU, SUKHPAL                      | 2,900,184 | TRETHEWEY, JAMES ERNEST            |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,108 | SIM, BANG JANET                     | 2,938,180 | TUMINELLA, JOSHUA                  |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,110 | SINCLAIR, RODRICK A.                | 2,899,939 | TXMQ, INC.                         |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,113 | SINGER, DAVID                       | 2,938,117 | ULLYOTT, RICHARD                   |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,115 | SIU, KIT YAN                        | 2,937,677 | ULLYOTT, RICHARD                   |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,117 | SMITH, PAULA                        | 2,938,011 | ULLYOTT, RICHARD                   |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,119 | SMITH, PAULA                        | 2,938,013 | ULLYOTT, RICHARD                   |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,121 | SMITH, TIMOTHY MITCHEL              | 2,938,260 | ULLYOTT, RICHARD                   |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,125 | SOBOLIK, DAVID J.                   | 2,938,325 | UNKNOWN                            |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,127 | SOFT LINES INTERNATIONAL, LTD.      | 2,910,838 | VAN DEN ENDE, DANIEL               |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,129 | SONG, SEUNG-HWAN                    | 2,938,584 | VAN DEN ENDE, DANIEL               |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,131 | SPARTON CORPORATION                 | 2,937,821 | VAN DEN ENDE, DANIEL               |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,133 | SPEIRS, BRIAN C.                    | 2,946,981 | VARIPERM (CANADA) LIMITED          |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,135 | SPM AUTOMATION (CANADA) INC.        | 2,937,951 | VASGAARD, AARON J.                 |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,137 | SPX COOLING TECHNOLOGIES, INC.      | 2,937,459 | VENKATESWARAN, PRAVEEN             |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,139 | STACEY, SCOTT ALAN                  | 2,937,677 | VERMEER MANUFACTURING COMPANY      |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,141 | STAUDENRAUSCH, MARTIN               | 2,935,996 | WETZEL, JASON                      |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,143 | STIMMEL, JASON C.                   | 2,935,517 | VIAVI SOLUTIONS INC.               |
| PRATT & WHITNEY CANADA CORP.                     | 2,938,145 | SUMMERS MANUFACTURING COMPANY, INC. | 2,938,325 | VIAVI SOLUTIONS INC.               |
| RABIEA, JEFFREY                                  | 2,936,631 |                                     |           | VILLENEUVE, BRUNO                  |

**Index des demandes canadiennes mises à la disponibilité du public**  
**5 février 2017 au 11 février 2017**

|  |           |
|--|-----------|
| VISHNUBHATLA, MADHURI                      | 2,933,897 |
| VOLTUS INDUSTRIES LTD.                     | 2,938,481 |
| VON GUNTEL, MARC K.                        | 2,938,011 |
| VRLJIC, MARIJA                             | 2,938,180 |
| WAGGONER, RICHARD J.                       | 2,935,517 |
| WAL-MART STORES, INC.                      | 2,936,766 |
| WAL-MART STORES, INC.                      | 2,937,092 |
| WAL-MART STORES, INC.                      | 2,937,234 |
| WAL-MART STORES, INC.                      | 2,937,270 |
| WAL-MART STORES, INC.                      | 2,938,073 |
| WAL-MART STORES, INC.                      | 2,938,075 |
| WALSCH, ALEXANDER                          | 2,937,677 |
| WATSON, MATTHEW                            | 2,900,177 |
| WATSON, MATTHEW                            | 2,908,793 |
| WATSON, MATTHEW                            | 2,932,667 |
| WATTERS, JEFFREY                           | 2,934,362 |
| WEATHERFORD<br>TECHNOLOGY<br>HOLDINGS, LLC | 2,936,220 |
| WEATHERFORD<br>TECHNOLOGY<br>HOLDINGS, LLC | 2,936,221 |
| WEATHERFORD<br>TECHNOLOGY<br>HOLDINGS, LLC | 2,936,320 |
| WEATHERFORD<br>TECHNOLOGY<br>HOLDINGS, LLC | 2,936,322 |
| WEINGARTEN, OREN P.                        | 2,937,825 |
| WELCH, ERIC                                | 2,938,073 |
| WENTWORTH, STEVEN W.                       | 2,900,182 |
| WENTWORTH, STEVEN W.                       | 2,938,912 |
| WESTERKAMP, PETER                          | 2,938,205 |
| WESTLIND, TRAVIS E.                        | 2,938,325 |
| WESTLIND, TRAVIS E.                        | 2,938,353 |
| WILHELMI, PAUL J.                          | 2,938,325 |
| WILHELMI, PAUL J.                          | 2,938,353 |
| WILL, GARY EDWARD                          | 2,937,931 |
| WILLIAMS, JASON                            | 2,899,519 |
| WILSON, DAVID                              | 2,900,033 |
| WILSON, JOSHUA C.                          | 2,938,001 |
| WILSON, SUSAN                              | 2,900,033 |
| WIND, ANTHONY G., III                      | 2,937,270 |
| WINKLE, DAVID                              | 2,938,073 |
| XEROX CORPORATION                          | 2,936,442 |
| YAMAMOTO, NAOYUKI                          | 2,936,246 |
| YAMAMOTO, RYOHEI                           | 2,936,246 |
| YAMAMOTO, YUHO                             | 2,936,246 |
| YIU, WAI WAH                               | 2,910,838 |
| YOSHIDA, MITSUYOSHI                        | 2,951,081 |
| YU, HAN                                    | 2,937,677 |
| ZELIS, DAVE                                | 2,938,749 |
| ZHOU, KE                                   | 2,936,442 |
| ZWARTZ, EDWARD G.                          | 2,936,442 |

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

|   |           |                                |           |                              |           |
|---|-----------|--------------------------------|-----------|------------------------------|-----------|
| 3B PHARMACEUTICALS GMBH                     | 2,949,936 | ANTHONY, PHIL                  | 2,950,409 | BAUDUIN, PIERRICK            |           |
| AARHUS UNIVERSITET                          | 2,950,463 | AORTICLAB SARL                 | 2,953,211 | RAPHAEL AMERICO              | 2,952,755 |
| AB INITIO TECHNOLOGY LLC                    | 2,956,216 | AOUF, CHAHINEZ                 | 2,957,012 | BAUMGARTNER, DEAN            | 2,957,070 |
| ABATELLI, PHILLIP                           | 2,956,786 | APCETH GMBH & CO. KG           | 2,956,987 | BAURER, PHIL                 | 2,957,081 |
| ABAXIS, INC.                                | 2,957,134 | APONTE-RIVERA, CEFERINO        | 2,957,112 | BAYER PHARMA                 |           |
| ABE, TAICHI                                 | 2,957,005 | ARAB, NICOLAS                  | 2,956,812 | AKTIENGESELLCHAFT            | 2,950,218 |
| ABEYSEKERA, BRIAN                           | 2,956,968 | ARAI, NOBUYUKI                 | 2,957,157 | BAYLOR RESEARCH              |           |
| ABEYSEKERA, BRIAN                           | 2,956,974 | ARBONNE INTERNATIONAL, LLC     | 2,950,912 | INSTITUTE                    | 2,957,314 |
| ABLYNX NV                                   | 2,951,443 | ARCHER DANIELS MIDLAND COMPANY | 2,956,953 | BEAGEN, JOSEPH W.            | 2,950,753 |
| ABOU KHOUSA, MOHAMED                        | 2,957,156 | ARNOLD, BOBI                   | 2,956,795 | BEAULIEU, ANDREW             | 2,953,389 |
| ABZAC CANADA INC.                           | 2,950,194 | ARON, KENNETH P.               | 2,957,134 | BECKER, WILLIAM JOSHUA       | 2,952,495 |
| ACADEMIA SINICA                             | 2,956,808 | ARSENAULT, RICHARD             | 2,957,228 | BECOULET, JULIEN FABIEN      | 2,952,496 |
| ACERRA, MICHAEL JAMES                       | 2,948,966 | AS IP HOLDCO, LLC              | 2,950,409 | PATRICK                      | 2,952,914 |
| ADELSON, STEPHEN J.                         | 2,954,663 | ASCEM B.V.                     | 2,953,279 | BEDDOW, HELEN                | 2,950,480 |
| ADYNXX, INC.                                | 2,957,250 | ASPLER, JOSEPH STEPHEN         | 2,957,117 | BEESON, RICHARD              | 2,952,495 |
| AGARWAL, TARUN                              | 2,953,969 | ASSAAD, WISSAM                 | 2,953,033 | BEIGELMAN, LEONID            | 2,957,017 |
| AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH |           | ASTELLAS PHARMA INC.           | 2,957,313 | BEISEL, JENS                 | 2,951,346 |
| AGRAWAL, GAURAV                             | 2,949,113 | ASTRAKHAN, ALEXANDER           | 2,956,667 | BELLILE, BRIAN RANDALL       | 2,953,103 |
| AHMAD, NADIA                                | 2,952,149 | AUSPHERIX LIMITED              | 2,950,384 | BENEFITFOCUS.COM, INC.       | 2,954,300 |
| AIR CROSS, INC.                             | 2,950,587 | AUSPHERIX LIMITED              | 2,950,385 | BENEFITFOCUS.COM, INC.       | 2,954,316 |
| AIRBUS HELICOPTERS                          | 2,956,959 | AUTOTELIC LLC                  | 2,956,897 | BENEFITFOCUS.COM, INC.       | 2,954,532 |
| AKAO, ATSUSHI                               | 2,951,748 | AUTOTELIC LLC                  | 2,956,899 | BERGINC, GERARD JEAN         |           |
| AKDOGAN, KUTADGU                            | 2,957,005 | AVANTI POLAR LIPIDS, INC.      | 2,956,960 | LOUIS                        | 2,953,247 |
| AKZO NOBEL CHEMICALS INTERNATIONAL B.V.     | 2,957,272 | AVERY DENNISON CORPORATION     | 2,952,825 | BERGMAN, ADAM SCOTT          | 2,954,501 |
| AL-DURRA, AHMED                             | 2,950,669 | AVERY DENNISON CORPORATION     | 2,953,121 | BERGSMA, ATZE JACOBUS        | 2,950,876 |
| AL-WAHEDI, KHALED                           | 2,957,156 | AYATA, YUSUKE                  | 2,957,005 | BERGSMA, ATZE JACOBUS        | 2,950,878 |
| ALBER, DAGMAR                               | 2,950,384 | AYME-PERROT, DAVID             | 2,951,376 | BERLEPSCH, JOSEPH ALLEN      | 2,948,885 |
| ALBER, DAGMAR                               | 2,950,385 | AZIWELL AS                     | 2,956,836 | BERNARDO, BRANDON            |           |
| ALBUERNE, JULIO                             | 2,953,234 | BABRAS, SHIVALI                | 2,957,096 | GREGORY                      | 2,956,898 |
| ALFANO, DAVID                               | 2,951,748 | BAER, SAMUEL CHARLES           | 2,957,070 | GREGORY                      | 2,956,898 |
| ALIBABA GROUP HOLDING LIMITED               | 2,957,038 | BAFUNDO, KENNETH W.            | 2,949,965 | BERNICKE-GRUSSING, NANCY L.  | 2,949,951 |
| ALIGN TECHNOLOGY, INC.                      | 2,953,063 | BAKER, MARTIN                  | 2,957,120 | BERRY, JAMES M.              | 2,956,800 |
| ALIOS BIOPHARMA, INC.                       | 2,957,017 | BALBIERZ, DANIEL J.            | 2,956,695 | BEST THERATRONICS LTD.       | 2,956,968 |
| ALLOCYTE PHARMACEUTICALS AG                 | 2,949,934 | BALL CORPORATION               | 2,956,783 | BEST THERATRONICS LTD.       | 2,956,974 |
| ALTMIKUS, ANDREE                            | 2,952,899 | BALLANTYNE, ANDREW             | 2,953,238 | BESTE, RANDAL THOMAS         | 2,956,893 |
| AMAZON TECHNOLOGIES, INC.                   | 2,953,969 | BALLESTAD, ANDERS              | 2,956,844 | BIGGADIKE, KEITH             | 2,950,033 |
| AMO WAVEFRONT SCIENCES, LLC                 | 2,953,263 | BAMBA, MAKOTO                  | 2,957,207 | BIJPOST, ERIK ALEXANDER      | 2,950,379 |
| AMTHONY, PHIL                               | 2,950,409 | BAMBERGER, MARK                | 2,950,410 | BILOTTI, EMILIANO            | 2,955,825 |
| ANDERSON, DANA                              | 2,956,952 | BANNERT, KURT                  | 2,951,742 | BIOMET MANUFACTURING, LLC    |           |
| ANDRITZ AG                                  | 2,949,896 | BARATTA, ANTHONY               | 2,956,543 | BIRD, DAVID                  | 2,953,178 |
| ANGELEY, DAVID                              | 2,956,797 | BARBOSA MARTINS, RUI           | 2,955,011 | BISHOP, CHARLES W.           | 2,953,364 |
| ANGELLE, JEREMY RICHARD                     | 2,957,022 | BARDELEBEN, MICHAEL            | 2,956,845 | BISSANTZ, CATERINA           | 2,957,240 |
| ANGLO AMERICAN PLATINUM LIMITED             | 2,952,766 | BARNES, DONALD                 | 2,950,944 | BITDEFENDER IPR              | 2,950,493 |
| ANGUIANO IGEA, M                            |           | BARTHOLOMEW, ERIC L.           | 2,952,825 | BITDEFENDER IPR              |           |
| SOLEDAD F                                   | 2,950,478 | BASF COATINGS GMBH             | 2,952,894 | MANAGEMENT LTD               | 2,954,510 |
| ANINDITA TOY COMPANY (P) LTD                | 2,957,096 | BASF COATINGS GMBH             | 2,953,180 | BITDEFENDER IPR              |           |
|   |           | BASF SE                        | 2,950,802 | MANAGEMENT LTD               | 2,954,604 |
|   |           | BASF SE                        | 2,950,812 | BLADENA SOLUTIONS APS        | 2,957,087 |
|   |           | BASF SE                        | 2,951,364 | BLAIN, JASON                 | 2,957,241 |
|   |           | BASF SE                        | 2,953,234 | BLANCHARD ST-JACQUES, BENOIT | 2,956,231 |
|   |           | BAUCHART, PHILIPPE             | 2,950,992 |                              |           |

## Index des demandes PCT entrant en phase nationale

|   |           |  |                                     |   |
|---|-----------|--|-------------------------------------|---|
| BLANCHARD, STEPHANE<br>PIERRE GUILLAUME             | 2,952,752 | BROWN, KENNETH ROBERT<br>BRU, CAROLE<br>BRUECKNER, MICHAEL | 2,950,753<br>2,953,260<br>2,953,969 | CENTRE HOSPITALIER<br>REGIONAL ET<br>UNIVERSITAIRE DE |
| BLANCHARD, STEPHANE<br>PIERRE GUILLAUME             | 2,952,755 | BUCHWALD, ANJA<br>BUCHY, PHILIPPE                          | 2,953,279<br>2,952,531              | LILLE (CHR) 2,950,853                                 |
| BLANCO, PATRICK                                     | 2,957,314 | BURAKOV, DARYA   | 2,957,036                           | CENTRE HOSPITALIER                                    |
| BLATSTEIN, ERIC J.                                  | 2,957,028 | BURGER, BRENTON WALTER                                     | 2,957,263                           | UNIVERSITAIRE DE                                      |
| BLATT, LAWRENCE M.                                  | 2,957,017 | BURGESS, STEPHEN W.  | 2,956,960                           | SAINTE-ETIENNE 2,953,211                              |
| BLEICHER, KONRAD                                    | 2,950,493 | BURKELMAN, BRUCE M.  | 2,956,826                           | CENTRE INTERNATIONAL                                  |
| BLICK, DANIEL                                       | 2,953,969 | BURMAN, SCOTT  | 2,957,302                           | D'ETUDES SUPERIEURES                                  |
| BLUEBIRD BIO, INC.                                  | 2,956,667 | BURNS, AARON MACKAY  | 2,954,714                           | EN SCIENCES   |
| BLUEWATER ENERGY<br>SERVICES B.V.                   | 2,956,851 | BUROVA, ELENA  | 2,951,278                           | AGRONOMIQUES 2,957,012                                |
| BLUM, RONALD DAVID                                  | 2,956,795 | BUSBY, JEFF  | 2,957,015                           | CENTRE NATIONAL DE LA RECHERCHE                       |
| BOCKLANDT, MICHAEL                                  | 2,952,761 | BUSH, STEPHAN GARY   | 2,949,123                           | SCIENTIFIQUE 2,952,531                                |
| BODY, MATHILDE                                      | 2,950,853 | BUSH, STEPHAN GARY   | 2,953,062                           | CENTRE NATIONAL DE LA RECHERCHE                       |
| BODYAK, NATALYA D.                                  | 2,950,934 | BUSH, STEPHAN GARY   | 2,953,231                           | SCIENTIFIQUE  |
| BOHM, GERRIT  | 2,954,933 | BUSI, ROGER  | 2,952,705                           | 2,953,247   |
| BOJORQUEZ ALFARO,<br>ROBERTO                        | 2,955,651 | BUTTERWORTH, JOHN  | 2,957,120                           | CENTRE NATIONAL DE LA RECHERCHE                       |
| BOLCKMANS, KAREL JOZEF<br>FLORENT                   | 2,955,716 | BYKOV, SERGEY  | 2,954,511                           | SCIENTIFIQUE 2,956,770                                |
| BOLTANSKI, RAMI                                     | 2,953,063 | BYRNE, THOMAS TIMOTHY                                      | 2,950,866                           | CENTRE REGIONAL                                       |
| BOMBARDIER INC.                                     | 2,953,291 | BYRNE, THOMAS TIMOTHY                                      | 2,950,895                           | HOSPITALIER   |
| BOMMARIUS, ANDREAS                                  | 2,952,149 | C.R. BARD, INC.  | 2,950,901                           | UNIVERSITAIRE DE                                      |
| BONICEL, JEAN-PIERRE                                | 2,956,852 | CAI, ZHONGHUA  | 2,956,847                           | NIMES 2,956,770                                       |
| BONNELL, LEO  | 2,950,288 | CALABOTTA, DAVID   | 2,949,965                           | CENTRE TECHNIQUE DES INDUSTRIES                       |
| BOOMER, KENT  | 2,957,015 | CALAZANS-BEHN, MARINA                                      | 2,953,228                           | MECANIQUES ET DU DECOLLETAGE                          |
| BOORSE, R. SAMUEL                                   | 2,957,307 | CALITHERA BIOSCIENCES,<br>INC.                             | 2,957,225                           | 2,952,705   |
| BORDELON, RANDY PAUL                                | 2,949,245 | CAMERON INTERNATIONAL<br>CORPORATION                       | 2,956,910                           | CERQUEIRA, NUNO JOSE                                  |
| BORG, EIRIK   | 2,956,836 | CAMERON INTERNATIONAL<br>CORPORATION                       | 2,956,911                           | PINTO BESSA DE MELO 2,955,011                         |
| BORKAR, SHIVANAND                                   | 2,957,007 | CAMERON INTERNATIONAL<br>CORPORATION                       | 2,952,936                           | CERTO, MICHAEL 2,956,667                              |
| BORREBAECK, CARL ARNE<br>KRISTER                    | 2,950,047 | CAMERON, SCOTT   | 2,956,911                           | CERVENY, LIBOR 2,957,290                              |
| BOSTIK, INC.  | 2,953,137 | CANALES ESPINOSA DE LOS<br>MONTEROS, CARLOS                | 2,957,245                           | CHABOT, NICOLAS 2,950,992                             |
| BOSTON SCIENTIFIC<br>NEUROMODULATION<br>CORPORATION | 2,954,855 | CANALES ESPINOSA DE LOS<br>MONTEROS, CARLOS                | 2,957,253                           | CHAKRABORTY, KANCHAN 2,950,493                        |
| BOUDET, NADEGE                                      | 2,950,802 | CANDELORE, BRANT   | 2,957,181                           | CHAMPION, GUILLAUME                                   |
| BOUDET, NADEGE                                      | 2,950,812 | CANDINI, OLIVIA  | 2,956,840                           | BENOIT NOEL 2,952,750                                 |
| BOUTELL, JONATHAN MARK                              | 2,951,005 | CAPCOM CO., LTD.   | 2,922,386                           | CHANDRAMOWLE, GOPAL 2,954,616                         |
| BOWLIN, GARY LEE                                    | 2,957,263 | CAPRONI, LEO MARTIN  | 2,957,184                           | CHANG, JINGBO 2,956,926                               |
| BOWMAN, MARK P.                                     | 2,952,792 | CAREFUSION 303, INC.                                       | 2,953,111                           | CHANG, WEI-WEI 2,956,919                              |
| BOYD, MATT  | 2,957,015 | CAREFUSION 303, INC.                                       | 2,953,115                           | CHANG, YI-CHUNG 2,956,808                             |
| BOYINGTON, JEFFREY C.                               | 2,950,085 | CARLIN, EDWARD PAUL  | 2,948,889                           | CHARLES, IAN 2,950,384                                |
| BRACCO IMAGING SPA                                  | 2,949,433 | CARMICHAEL, CRAIG  | 2,954,206                           | CHARLES, IAN 2,950,385                                |
| BRANDY, KYLE ROBERT                                 | 2,956,693 | CARRIER CORPORATION  | 2,955,832                           | CHARRIER, JEAN-DAMIEN 2,950,587                       |
| BREGUET, OLIVIER                                    | 2,953,255 | CARRIERE, RAYMOND  | 2,956,952                           | CHARTON, JULIE 2,950,357                              |
| BREITENSTEIN, WERNER                                | 2,949,934 | CARSWELL, ROBERT JOHN                                      | 2,953,273                           | CHASEEN, HOWARD C. 2,956,783                          |
| BREMERT, BERND                                      | 2,953,234 | CASCADE DESIGNS, INC.                                      | 2,956,777                           | CHAVATTE, PHILIPPE 2,950,853                          |
| BRENNAN, ANTHONY B.                                 | 2,956,804 | CASSIDY, KENNETH TODD                                      | 2,956,973                           | CHAVRIER, ALAIN 2,949,891                             |
| BRIGANTI, RICHARD<br>THOMAS                         | 2,956,973 | CASTANG, SANDRA  | 2,950,992                           | CHAVRIER, ALAIN 2,949,892                             |
| BRIGHENTI, JEFFREY<br>MARTIN                        | 2,950,753 | CAVALLINI, FRANCO  | 2,950,394                           | CHEER GLOBAL LTD. 2,953,173                           |
| BRISCO, DAVID PAUL                                  | 2,956,239 | CELGENE CORPORATION  | 2,956,962                           | CHEMOTHERAPEUTISCHES FORSCHUNGSIINSTITUT              |
| BRISSONNEAU, VINCENT                                | 2,953,247 | CELLUCOMP LIMITED  | 2,952,903                           | GEORG-SPEYER-HAUS 2,951,355                           |
| BRODIL, JASON C.                                    | 2,953,116 | CELLWIZE WIRELESS<br>TECHNOLOGIES LTD.                     | 2,956,998                           | CHEN, DONG GOU 2,957,265                              |
| BROFFMAN, JEFFERY ALAN                              | 2,957,016 | CEMPRA   | 2,956,998                           | CHEN, GANG 2,957,036                                  |
| BROKOPP, WESLEY<br>BERNARD, JR.                     | 2,953,952 | PHARMACEUTICALS,<br>INC.                                   | 2,957,034                           | CHEN, HAIBIN 2,950,866                                |
| BROSSE, JACQUES                                     | 2,950,471 | CENCER, ROBERT J.  | 2,953,056                           | CHEN, HAIBIN 2,950,895                                |
| BROWN, ALAN DANIEL                                  | 2,950,393 | CENTAUR, INC.  | 2,956,778                           | CHEN, HSINPAO 2,956,848                               |
| BROWN, ANDREW                                       | 2,953,056 |  |                                     | CHEN, HSINPAO 2,956,849                               |
| BROWN, ERIC WAYNE                                   | 2,951,386 |  |                                     | CHEN, JUNHONG 2,956,926                               |
|   |           |  |                                     | CHEN, LEI 2,957,322                                   |
|   |           |  |                                     | CHEN, LEI 2,957,324                                   |

## Index of PCT Applications Entering the National Phase

|   |           |                                 |           |                                   |                             |
|---|-----------|---------------------------------|-----------|-----------------------------------|-----------------------------|
| CHEN, TINGCHANG                               | 2,956,848 | CUSTERS, JEROME H.V.            | 2,951,351 | DISSING A/S                       | 2,957,152                   |
| CHEN, TINGCHANG                               | 2,956,849 | CUTRIN GOMEZ, M ELENA           | 2,950,478 | DISSING, CLAUS HORNSTRUP          | 2,957,152                   |
| CHEN, WEICHUN                                 | 2,950,466 | D'ANGLADE, PIERRE-MICHEL        | 2,950,194 | DLC CAPITAL HOLDINGS PTY LTD      | 2,956,551                   |
| CHEUNG, FELIX                                 | 2,954,511 | DAI, CHAOFENG                   | 2,950,007 | DOAN, CHRISTOPHER                 | 2,954,913                   |
| CHIANG, VINCENT                               | 2,957,134 | DAIGLE, SCOTT, RICHARD          | 2,956,962 | DOLE, DANIEL                      | 2,955,651                   |
| CHIN, YING                                    | 2,955,822 | DALAL, MITUL                    | 2,957,044 | DOMINICI, MASSIMO                 | 2,956,840                   |
| CHO, PUI LAM                                  | 2,957,265 | DALIBARD, SEBASTIEN             | 2,953,246 | DONCASTERS PARALLOY               | 2,953,240                   |
| CHOPRA, VIVEK                                 | 2,956,962 | DALLA LONGA, CLAUDIO            | 2,956,795 | DONG, XINZHONG                    | 2,957,025                   |
| CHUBU UNIVERSITY<br>EDUCATIONAL<br>FOUNDATION | 2,957,007 | DAMBERG, GERWIN                 | 2,956,844 | DORDELMANN, GREGOR                | 2,950,339                   |
| CICOIRA, FRANCO                               | 2,953,151 | DAMERA, KRISHNA                 | 2,950,007 | DORIE, HUGO                       | 2,951,376                   |
| CIPLA LIMITED                                 | 2,952,760 | DANA CANADA CORPORATION         | 2,956,845 | DOVE, BRYAN JASON                 | 2,955,011                   |
| CIRCUIT THERAPEUTICS,<br>INC.                 | 2,956,797 | DANIELL, HENRY                  | 2,957,211 | DOVETAIL GENOMICS, LLC            | 2,956,925                   |
| CITTA, JAMES W.                               | 2,957,179 | DANNAKER, CHARLES ERIC          | 2,953,969 | DOW AGROSCIENCES LCC              | 2,957,164                   |
| CJ 4DPLEX CO., LTD                            | 2,956,896 | DANNHARDT, WALTER               | 2,956,795 | DOW AGROSCIENCES LLC              | 2,957,187                   |
| CLARIANT INTERNATIONAL<br>LTD                 | 2,952,892 | DAUER, EDWARD A.                | 2,950,194 | DOW GLOBAL TECHNOLOGIES LLC       | 2,952,149                   |
| CLARIANT MASTERBATCHES<br>(ITALIA) SPA        | 2,952,892 | DAUL, TOM J.                    | 2,957,070 | DOW GLOBAL TECHNOLOGIES LLC       | 2,953,116                   |
| CLARKE, NEIL                                  | 2,957,120 | DAVIDSON, PERRY                 | 2,953,074 | DOWNS, TYLER                      | 2,955,011                   |
| CLATOT, RICHARD                               | 2,953,252 | DAVIS, CHRIS                    | 2,953,082 | DR. WILLMAR SCHWABE GMBH & CO. KG | 2,953,190                   |
| CLAYTON, ERIK H.                              | 2,953,134 | DAVIS, DAVID                    | 2,950,587 | DRAGANOV, ALEXANDER               | 2,950,007                   |
| CLODT, HANS                                   | 2,953,199 | DCL INTERNATIONAL INC.          | 2,957,280 | DRAGER, DORTHE BETTINA            | 2,955,716                   |
| CLOMPUS, RICHARD                              | 2,956,795 | DE JOODE, JASPER                | 2,956,765 | DREI LILien PVG GMBH & CO. KG     | 2,949,428                   |
| COE, DIANE MARY                               | 2,950,033 | DECHERF, AGATHE                 | 2,955,716 | DEJAEGERE, PHILIPPE               | 2,953,235                   |
| COHRS, CARSTEN                                | 2,953,273 | DECKER, KIP KEVIN               | 2,953,235 | DEKEL, EDO                        | 2,956,998                   |
| COLANTONIO, DONATO                            | 2,956,551 | DEINOYE                         | 2,957,070 | DELANOTE, VEERLE                  | 2,953,151                   |
| COLGATE-PALMOLIVE<br>COMPANY                  | 2,952,921 | DEJAEGERE, PHILIPPE             | 2,950,002 | DELOGU, PIETRO                    | DRENTE, ROBERT              |
| COLGATE-PALMOLIVE<br>COMPANY                  | 2,956,879 | DEKEL, EDO                      | 2,951,443 | DELANOTE, VEERLE                  | 2,952,750                   |
| COLLETTE, CYRILLE                             | 2,953,246 | DELPONTE, DIPALI                | 2,951,333 | DEPRES, BENOIT                    | 2,957,015                   |
| COLYER, EMERSON KEITH                         | 2,953,180 | DEPUY SYNTHES PRODUCTS,<br>INC. | 2,950,357 | DEPUY SYNTHES PRODUCTS,<br>INC.   | 2,951,350                   |
| COMPLETE CONCUSSION<br>MANAGEMENT INC.        | 2,957,060 | DEPUY SYNTHES PRODUCTS,<br>INC. | 2,953,135 | DEPUY SYNTHES PRODUCTS,<br>INC.   | 2,953,228                   |
| COMPNEXT S.R.L.                               | 2,956,551 | DESAERT, ANDRE JOSEPHINE        | 2,953,151 | DESHPANDE, DIPALI                 | 2,950,357                   |
| CONNELL, CHRISTOPHER<br>JAMES                 | 2,956,965 | KAREL                           | 2,953,952 | DESREUMAUX, PIERRE                | 2,957,012                   |
| CONNELL, JASON                                | 2,957,162 | DESCAMPS, FRANCIS               | 2,951,443 | DESCORTES, ANTONELLO              | 2,956,220                   |
| CONNERY, LUKE<br>STEVENSON                    | 2,950,753 | DESERT KING                     | 2,952,892 | DEVGON, PITAMBER                  | 2,950,194                   |
| COPLAND, RICHARD J.                           | 2,953,263 | DEVAON, PITAMBER                | 2,956,973 | DEVIT, MICHAEL J.                 | 2,957,070                   |
| CORDOVA-KREYLOS, ANA<br>LUCIA                 | 2,957,302 | DFINE, INC.                     | 2,950,934 | DFD - DENSE FLUID<br>DEGREASING   | 2,951,376                   |
| CORMIER, LYNE M.                              | 2,957,117 | DI GIORGIO, FERNANDA            | 2,949,965 | DFD - DENSE FLUID<br>DEGREASING   | 2,956,959                   |
| CORNELISON, CHRISTOPHER<br>T.                 | 2,957,282 | DICK, EBERHARD                  | 2,949,891 | DEGROUT, LAURENT                  | 2,952,803                   |
| CORREA, NICOLLE M.                            | 2,953,969 | DIETZ, MARTIN                   | 2,949,892 | DEGROUT, LEONARD E.               | 2,953,034                   |
| COSTON, KYLE R.                               | 2,953,056 | DIETZ, MARTIN                   | 2,957,036 | DEGROUT, LEONARD E.               | 2,956,811                   |
| COUDANE, JEAN                                 | 2,956,770 | DIETZ, MAX                      | 2,956,853 | DEGROUT, LEONARD E.               | 2,956,957                   |
| COUILLEAUX, ALEXANDRE                         | 2,953,046 | DIETZ, MAX                      | 2,956,973 | DEGROUT, LEONARD E.               | EARNshaw, MARK              |
| COULTHARD, RICHARD<br>DANIEL JOHN             | 2,951,043 | DIFURIO, GABRIEL A.             | 2,950,934 | DEGROUT, LEONARD E.               | EAST PENN MANUFACTURING CO. |
| COVESTRO DEUTSCHLAND<br>AG                    | 2,957,320 | DIMARE, FRANCES                 | 2,949,428 | DI GIORGIO, FERNANDA              | 2,953,339                   |
| CRAIG WALL, RYAN                              | 2,952,662 | DIMARE, FRANCES                 | 2,957,028 | DIETZ, MARTIN                     | EASTER, RONALD B.           |
| CRAIG, IAN ROBERT                             | 2,950,802 | DIMITRIJEVIC, BOJAN             | 2,957,066 | DIETZ, MARTIN                     | EBERLEIN, MARTIN            |
| CRAIG, IAN ROBERT                             | 2,950,812 | DIMITRIJEVIC, BOJAN             | 2,955,702 | DIETZ, MARTIN                     | 2,957,145                   |
| CRAVATTE, PHILIPPE LOUIS                      | 2,952,761 | DIMPFL, WILFRIED                | 2,955,732 | DIETZ, MARTIN                     | ECKERT, ARMIN               |
| CRAVEN, RICHARD MICHAEL                       | 2,953,273 | DIRAC, LEO PARKER               | 2,953,190 | DIETZ, MARTIN                     | ECOLAB USA INC.             |
| CROLEY, TIMOTHY RAY                           | 2,951,386 | DIRAC, LEO PARKER               | 2,953,969 | DIETZ, MARTIN                     | ECOLAB USA INC.             |
| CUI, SOPHIA                                   | 2,957,054 | DIRAC, LEO PARKER               | 2,953,969 | DIETZ, MARTIN                     | ECOLAB USA INC.             |
|   |           |                                 |           | DIETZ, MARTIN                     | ECOLE NATIONALE             |
|   |           |                                 |           | DIETZ, MARTIN                     | SUPERIEURE DE CHIMIE        |
|   |           |                                 |           | DIETZ, MAX                        | DE MONTPELLIER              |
|   |           |                                 |           | DIFURIO, GABRIEL A.               | DE MONTPELLIER              |
|   |           |                                 |           | DIMARE, FRANCES                   | DE MONTPELLIER              |
|   |           |                                 |           | DIMITRIJEVIC, BOJAN               | DE MONTPELLIER              |
|   |           |                                 |           | DIMPFL, WILFRIED                  | DE MONTPELLIER              |
|   |           |                                 |           | DIRAC, LEO PARKER                 | DE MONTPELLIER              |

## Index des demandes PCT entrant en phase nationale

|   |           |   |           |                        |           |
|---|-----------|---|-----------|------------------------|-----------|
| EGIDO DE LOS RIOS, JESUS                    | 2,950,348 | FAURECIA SIEGES   |           | FULCRAND, HELENE       | 2,957,012 |
| EIGER, AARON, B.                            | 2,950,409 | D'AUTOMOBILE  | 2,956,194 | FUNDACIO HOSPITAL      |           |
| EISAI R&D MANAGEMENT CO., LTD.              | 2,957,005 | FAVA, FLAVIO  | 2,952,892 | UNIVERSITARI VALL      |           |
| EL BAKALI, JAMAL                            | 2,950,853 | FAYETTE, SEBASTIEN  | 2,949,891 | D'HEBRON - INSTITUT DE |           |
| ELEMENTUM SCM (CAYMAN) LTD.                 | 2,957,074 | FEHR, MARCUS  | 2,950,812 | RECERCA                | 2,950,348 |
| ELEXINN                                     | 2,953,235 | FEMEDA LIMITED  | 2,957,151 | FUNDACION INSTITUTO DE |           |
| ELIZUR, ERAN                                | 2,956,844 | FENWICK, CRAIG  | 2,957,258 | INVESTIGACION          |           |
| ELLINGWOOD, BRIAN ANDREW                    | 2,956,797 | FEREYRE, PIERRE   | 2,955,811 | SANITARIA FUNDACION    |           |
| EMIRATES INNOVATIONS                        | 2,957,156 | FERGUSON, ERIC  | 2,957,280 | JIMENEZ DIAZ           | 2,950,348 |
| EMIRU, HILINA                               | 2,956,935 | FERNANDES, PRABHAVATHI  | 2,957,034 | FUTRAL, GARY STEPHEN   | 2,951,037 |
| EMYG-ENVIRONNEMENT ET AQUACULTURE           | 2,957,119 | FERRE, LUDOVIC  | 2,956,194 | GABL, HELMUTH          | 2,949,896 |
| ENEVOLD, CONSTANCE JO                       | 2,950,944 | FERRIER, ROMAIN   | 2,953,046 | GABRIEL, KYLE T.       | 2,957,282 |
| ENVERA, LLC                                 | 2,957,222 | FESTUCCIA, CLAUDIO  | 2,950,374 | GAI, XIN               | 2,956,988 |
| EPIZYME, INC.                               | 2,956,962 | FIELDS, ANDREW  | 2,956,925 | GAID, ABDELKADER       | 2,951,100 |
| EPP, KEVIN                                  | 2,956,222 | FILIPPINI, CALLI ELIZABETH  | 2,953,114 | GALLI, ROBERTO         | 2,953,199 |
| EPPEL, MATTHIAS                             | 2,950,339 | FINK, EDWIN A.  | 2,953,339 | GALVIN, KEVIN PATRICK  | 2,957,257 |
| EPPEL, THOMAS C.                            | 2,953,121 | FINKEL, EVGENY  | 2,956,998 | GANE, PATRICK A.C.     | 2,951,344 |
| ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM | 2,957,119 | FISCHER, DAVID A.   | 2,957,027 | GARCIA, LUIS TONATIUH  |           |
| ERICSON, DANIEL GRANT                       | 2,950,876 | FISCHER, FABIENNE   | 2,953,135 | MELGAREJO              | 2,956,778 |
| ESCOUBAS, LUDOVIC                           | 2,956,693 | FISCHER, FABIENNE   | 2,953,151 | GARLOCK, DAVID G.      | 2,957,044 |
| ESCRIBANO CUESTA, ANA                       | 2,953,247 | FISH, DAVID   | 2,957,085 | GARRIC, XAVIER         | 2,956,770 |
| ESCRIBANO CUESTA, ANA                       | 2,950,802 | FISKLEMENTS, MEGAN  | 2,956,053 | GAUTHIER, THIERRY      | 2,949,440 |
| ESPEIT, JEAN-LOUIS                          | 2,950,812 | ALEXANDER   | 2,953,255 | GAWRON, ANNA           | 2,956,838 |
| ETTER, JEFFREY                              | 2,950,471 | FKG DENTAIRE SA   | 2,953,240 | GAYER, MARC            | 2,955,674 |
| ETXEARRIA I JARDI, GORKA                    | 2,957,277 | FLAHAUT, DOMINIQUE  | 2,957,279 | GELBART, WILLIAM Z.    | 2,956,968 |
| EURO-CELTIQUE S.A.                          | 2,950,587 | FLOW CONTROL LLC.   | 2,956,826 | GELBART, WILLIAM Z.    | 2,956,974 |
| EURO-CELTIQUE S.A.                          | 2,950,338 | FLUID HANDLING LLC  | 2,956,879 | GELITA AG              | 2,951,346 |
| EURO-CELTIQUE S.A.                          | 2,950,374 | FLYASH, LION  | 2,956,691 | GELLER, ALAN STUART    | 2,954,511 |
| EURO-CELTIQUE S.A.                          | 2,950,625 | FLYNN, CHARLES J.   | 2,956,809 | GENERAL CABLE          |           |
| EUROPEAN TRAILER SYSTEMS GMBH               | 2,952,890 | FLYNN, JEREMIAH   | 2,953,364 | TECHNOLOGIES           |           |
| EUROTAB                                     | 2,950,471 | FMC CORPORATION   | 2,952,803 | CORPORATION            | 2,957,023 |
| EUSEBIONE, ERNESTO                          | 2,950,394 | FMC TECHNOLOGIES, INC.  | 2,957,117 | GENERAL ELECTRIC       |           |
| EVANS, CHRIS                                | 2,957,319 | FOGTMANN, MAIKEN  | 2,954,011 | COMPANY                | 2,955,692 |
| EVERS, ANDREAS                              | 2,951,077 | HILLERUP  | 2,957,303 | GENTLE, DAVE           | 2,952,936 |
| EVONIK ROHM GMBH                            | 2,950,339 | FORM 700 PTY LTD  | 2,952,850 | GEORGIA STATE          |           |
| EXPLORATION DRILL MASTERS CHILE S.A.        | 2,952,662 | FOSTER, JAMES   | 2,956,820 | UNIVERSITY RESEARCH    |           |
| EXXONMOBIL UPSTREAM RESEARCH COMPANY        | 2,953,933 | FOSTER, JAMES S.  | 2,956,890 | FOUNDATION, INC.       | 2,950,007 |
| EXXONMOBILE UPSTREAM RESEARCH COMPANY       | 2,953,134 | FOSTER, NEIL ANDREW   | 2,957,117 | GEORGIA STATE          |           |
| F. HOFFMANN-LA ROCHE AG                     | 2,950,493 | FPINNOVATIONS   | 2,957,022 | UNIVERSITY RESEARCH    |           |
| FABRE, CLARA                                | 2,950,571 | FRANK'S INTERNATIONAL, LLC  | 2,950,669 | FOUNDATION, INC.       | 2,957,282 |
| FAGIANO, GIANCARLO                          | 2,957,119 | FRANKLIN, RALPH   | 2,955,757 | GEORGIA-PACIFIC        |           |
| FAJARDO ESLAVA, BERNARDO                    | 2,957,245 | FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. | 2,955,674 | CONSUMER PRODUCTS      |           |
| FALER, DENNIS LEROY                         | 2,952,792 | FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. | 2,950,587 | LP                     | 2,957,070 |
| FALOCCO, RONALD M.                          | 2,957,028 | FRAYSSE, DAMIEN   | 2,953,178 | GERTSCH, JURG          | 2,950,354 |
| FAN, HONGYU                                 | 2,956,980 | FREEDMAN, JORDAN H.   | 2,949,433 | GIBSON, NATALIE M.     | 2,957,318 |
| FAN, HONGYU                                 | 2,956,982 | FRETTA, ROBERTA   | 2,957,018 | GIESE, ANJA            | 2,950,218 |
| FANDA, ANUJ KUMAR                           | 2,950,533 | FREUDENBERG, JARED R.   | 2,957,020 | GILL, MICHAEL ANTHONY  | 2,955,786 |
| FANDL, JAMES                                | 2,957,036 | FREUDENBERG, JARED R.   | 2,952,921 | GIORDANI, PAOLO        | 2,953,199 |
| FARRAH, JOHN HARRISON                       | 2,956,893 | FRUGE, LINH   | 2,956,988 | GLASSMEYER, RONDA LYNN | 2,948,889 |
| FARRIS, EMMETT                              | 2,956,807 | FU, LI  | 2,956,988 | GLAXOSMITHKLINE        |           |
|   |           | FU, LI  | 2,951,318 | INTELLECTUAL PROPERTY  |           |
|   |           | FU, LI  | 2,957,314 | PROPERTY               |           |
|   |           | FU, QIANG   | 2,956,988 | DEVELOPMENT LIMITED    | 2,950,033 |
|   |           | FUCHSHUMER, ROLAND  | 2,956,988 | DEVELOPMENT LIMITED    | 2,950,466 |
|   |           | FUJITA, HARUYUKI  | 2,952,921 | GLIA, LLC              | 2,956,919 |
|   |           |   | 2,956,980 | GOLCZYNSKI, SCOTT      | 2,950,288 |
|   |           |   | 2,956,982 | GOLCZYNSKI, SCOTT      | 2,950,291 |
|   |           |   | 2,956,988 | GOLDBERG, TOM          | 2,950,387 |
|   |           |   | 2,956,988 | GOMEZ AMOZA, JOSE LUIS | 2,950,478 |
|   |           |   | 2,951,318 | GOMEZ GUERRERO, CARMEN | 2,950,348 |
|   |           |   | 2,957,314 | GONCHAR, SERGEI        | 2,956,790 |

## Index of PCT Applications Entering the National Phase

|   |           |  |           |   |           |
|---|-----------|--|-----------|---|-----------|
| GONG, YONG                                      | 2,954,128 | HARRIS, ROBERT                           | 2,953,238 | HUAWEI TECHNOLOGIES                     |           |
| GORDON, ROSS JOHN                               | 2,952,766 | HARRIS, SCOTT                            | 2,957,250 | CO., LTD.                               | 2,956,977 |
| GORSUCH, CHRISTINE CORNELIA                     | 2,950,669 | HARTLEY, PAUL                            | 2,956,925 | HUAWEI TECHNOLOGIES CO., LTD.           | 2,957,262 |
| GOTTLING, SONJA                                 | 2,951,346 | HASHIMOTO, KOZUE                         | 2,957,006 |   | 2,956,770 |
| GOTZ, NOWAK                                     | 2,950,343 | HASHMAN, TOMMIE EUGENE                   | 2,957,222 | HUBERLANT, STEPHANIE                    | 2,951,364 |
| GOYAL, PRADEEP                                  | 2,957,007 | HASHMI, ADAM                             | 2,953,135 | HUENNEKES, EDGAR V.                     | 2,949,934 |
| GRADIENT AQUACULTURE                            | 2,956,036 | HAVLOVIC, KAREL                          | 2,957,290 | HUERZELER, MARIANNE                     | 2,956,988 |
| GRAHAM, BARNEY S.                               | 2,950,085 | HAWTHORNE, GARY                          | 2,950,387 | HUI, MIN                                | 2,956,691 |
| GRAMMENOS, WASSILIOS                            | 2,950,802 | HAYASHI, TOMOKI                          | 2,956,888 | HUNTER, W. SCOTT                        | 2,951,344 |
| GRAMMENOS, WASSILIOS                            | 2,950,812 | HAYNES, KEVIN M.                         | 2,956,800 | HUNZIKER, PHILIPP                       | 2,956,987 |
| GRANDBOIS, MATTHEW L.                           | 2,957,187 | HEARN, FRANCIS J.                        | 2,957,184 | HUSS, RALF                              | 2,951,376 |
| GRANT, RICHARD                                  | 2,952,766 | HECHT, GIL                               | 2,952,963 | HUTCHINSON                              | 2,950,520 |
| GRANT, ROBERT                                   | 2,953,291 | HEGENER, JASON                           | 2,956,796 | IBERT, MATHIAS                          | 2,956,803 |
| GRAY, GEORGE W.                                 | 2,957,069 | HEIM, WARREN P.                          | 2,957,071 | IBOSS, INC.                             | 2,956,805 |
| GRAY, GEORGE W.                                 | 2,957,182 | HEIMBACH, KYLE R.                        | 2,952,825 | IBRAHIMOVIC, JASMIN                     |           |
| GRAY, KAITLYN                                   | 2,957,164 | HEITKAMP, DIETER                         | 2,957,320 | SMAILA                                  | 2,954,044 |
| GREENEDEN U.S. HOLDINGS II, LLC                 | 2,956,775 | HELMSTETTER, CHRIS                       | 2,950,409 | ICB PHARMA SPOLKA                       |           |
| GREGERSEN, SOREN                                | 2,950,463 | HENKEL AG & CO. KGAA                     | 2,953,199 | JAWNNA                                  | 2,956,838 |
| GREGSON, IAN                                    | 2,957,151 | HENKEL IP & HOLDING GMBH                 | 2,957,325 | ICHINOSE, MASANORI                      | 2,956,865 |
| GREZ, MANUEL                                    | 2,951,355 | HENKEL, BERND                            | 2,951,077 | IDEVICES, LLC                           | 2,957,280 |
| GRIGO, UWE                                      | 2,956,827 | HENNUYER, NATHALIE                       | 2,950,357 | IDROJET S.R.L.                          | 2,956,552 |
| GRIMM, SILKO                                    | 2,950,339 | HENSARLING, JESSE KEVIN                  | 2,956,893 | IFP ENERGIES NOUVELLES                  | 2,949,440 |
| GRIPPLE LIMITED                                 | 2,957,120 | HEPWORTH, DAVID                          | 2,952,903 | IGBOKO, EBERE F                         | 2,950,466 |
| GROTE, THOMAS                                   | 2,950,802 | HERBRICH, RALF                           | 2,953,969 | IHI CORPORATION                         | 2,957,006 |
| GROTE, THOMAS                                   | 2,950,812 | HERD, OLIVER                             | 2,950,228 | ILLGUTH, ROLF                           | 2,953,234 |
| GROVER, DAVID                                   | 2,950,409 | HERMANN, FELIX                           | 2,956,987 | ILLINOIS TOOL WORKS INC.                | 2,952,495 |
| GRUNDSCHOBER, CHRISTOPHE                        | 2,950,493 | HERMANSEN, KJELD                         | 2,950,463 | ILLINOIS TOOL WORKS INC.                | 2,952,496 |
| GRUPO INDUSTRIAL PECUARIO, S.A. DE C.V.         | 2,956,997 | HERNANDEZ PASCUAL, CRISTINA              | 2,950,348 | ILLINOIS TOOL WORKS INC.                | 2,953,103 |
| GRUPO P.I. MABE, S.A. DE C.V.                   | 2,957,245 | HERRIN, JESSICA                          | 2,956,967 | ILLUMINA CAMBRIDGE LIMITED              | 2,955,782 |
| GRUPO P.I. MABE, S.A. DE C.V.                   | 2,957,253 | HERSHEY, BRADLEY                         | 2,954,855 | IMMUNOVIA AB                            | 2,951,005 |
| GUENARD, DENIS GUILLAUME                        | 2,949,951 | LAWRENCE                                 | 2,954,511 | IMMUTRIX THERAPEUTICS, INC.             | 2,950,047 |
| GUILLOU, FLORENT                                | 2,952,533 | HESKY, ANDREW                            | 2,957,028 | INGERMAN, ALEKSANDR MIKHAYLOVICH        | 2,957,011 |
| GUNTHER, CHRISTINE                              | 2,949,440 | ALEXANDER                                | 2,957,006 | INNOVA PATENT GMBH                      | 2,953,969 |
| GUO, ZHENYU                                     | 2,956,987 | HILLERICH, THOMAS A.                     | 2,957,254 | INOUE, RYOTA                            | 2,948,892 |
| GUPTA, AMITAVA                                  | 2,957,055 | HIRAKO, KEIICHI                          | 2,956,949 | INQPHARM GROUP SDN BHD                  | 2,957,271 |
| GUPTA, RAHUL                                    | 2,956,795 | HIRMKE, MARKUS                           | 2,956,053 | INQPHARM GROUP SDN BHD                  | 2,950,343 |
| GUPTA, SANJA                                    | 2,956,967 | HIRSCH, ALLEN                            | 2,950,021 | INSERM (INSTITUT                        |           |
| GURRAMKONDA, CHANDRASHEKAR                      | 2,957,044 | HIRSCHBERG, EDWARD                       | 2,954,865 | NATIONAL DE LA SANTE ET DE LA RECHERCHE |           |
| HAACK, TORSTEN                                  | 2,956,924 | HISDAL, JONNY                            | 2,956,554 | MEDICALE)                               | 2,950,357 |
| HAASE, CHRISTIAN                                | 2,951,077 | HITACHI CONSTRUCTION MACHINERY CO., LTD. | 2,949,435 | INSERM (INSTITUT                        |           |
| HAGHIGHAT-KISHANI, ALI                          | 2,949,936 | HOASHI, YASUTAKA                         | 2,957,022 | NATIONAL DE LA SANTE ET DE LA RECHERCHE |           |
| HAGOPIAN, GREGGORY PAUL                         | 2,957,055 | HOBBS, ADRIAN                            | 2,950,384 | MEDICALE)                               | 2,950,853 |
| HALLIBURTON ENERGY SERVICES, INC.               | 2,957,272 | HOLLIER, TYLER J.                        | 2,950,385 | INSTITUT NATIONAL DE LA RECHERCHE       |           |
| HALLIBURTON ENERGY SERVICES, INC.               | 2,956,837 | HOLMES, IAN                              | 2,952,803 | AGRONOMIQUE                             | 2,957,012 |
| HANABUCHI, SHINO HANDY TECHNOLOGY (ZHUHAI) LTD. | 2,956,893 | HOLMES, IAN                              | 2,957,313 | INSTITUT PASTEUR                        | 2,952,531 |
| HANSEN, THOMAS                                  | 2,957,314 | HOLMES, LEWIS                            | 2,952,850 | INSTITUT PASTEUR DE LILLE               | 2,950,357 |
| HARDIE, STEPHEN LEBEUF                          | 2,957,322 | HONDA, TAKASHI                           | 2,953,933 | INVISTA TECHNOLOGIES S.A.               |           |
| HARRIS, BLYTHE ELIZABETH                        | 2,948,889 | HOPKINS, MARK                            | 2,956,774 | R.L.                                    | 2,957,318 |
|   | 2,956,967 | HOPKO, SANDRA N.                         | 2,953,933 | INVIVITY, INC.                          | 2,956,796 |
|   |           | HORIKOSHI, DAI SUKE                      | 2,957,207 | ION GEOPHYSICAL CORPORATION             | 2,952,936 |
|   |           | HORIMOTO, AKIRA                          | 2,954,044 | ION GEOPHYSICAL CORPORATION             | 2,956,220 |
|   |           | HOWELL, SHAQUIIRIA S.                    | 2,956,808 | IPABC LTD                               | 2,950,517 |
|   |           | HU, LINJIE                               | 2,956,765 | IROBOT CORPORATION                      | 2,953,389 |
|   |           | HU, SHIH-HSIN JASON                      | 2,954,044 | IRUN-BRIZ, LUIS                         | 2,954,262 |
|   |           | HUANG, BO-TSANG                          | 2,957,322 |   |           |
|   |           | HUANG, YINGLUO                           | 2,957,324 |   |           |
|   |           | HUAWEI TECHNOLOGIES CO., LTD.            | 2,956,847 |   |           |

## Index des demandes PCT entrant en phase nationale

|  |           |                          |           |                         |           |
|--|-----------|--------------------------|-----------|-------------------------|-----------|
| ISCAR LTD.                             | 2,952,963 | KAO, HUAJEN              | 2,956,848 | KUMARAN, RAVEEN         | 2,956,844 |
| ISHIKAWA, MASAHIKO                     | 2,957,271 | KAO, HUAJEN              | 2,956,849 | KUNISADA, YUYA          | 2,957,000 |
| ISHIMOTO, HIDEFUMI                     | 2,956,865 | KAPUR, MRIDULA           | 2,953,116 | KUNZ, ARTHUR            | 2,950,155 |
| ISHIYAMA, DAIGO                        | 2,950,409 | KASHIMURA, KEIICHIRO     | 2,957,007 | KURODA, HIROFUMI        | 2,957,005 |
| ITESCU, SILVIU                         | 2,950,804 | KAWAJIRI, YOSHIAKI       | 2,952,149 | KURTH, MARK             | 2,950,409 |
| ITO, HIBIKI                            | 2,957,007 | KAWAMOTO, SATOMI         | 2,957,006 | KWOK, SUI YI            | 2,953,173 |
| ITO-LARDEAU, YOUKI OLIVIER             | 2,952,752 | KAWANA, ASAHI            | 2,956,553 | KWONG, PETER D.         | 2,950,085 |
| ITO-LARDEAU, YOUKI OLIVIER             | 2,952,755 | KAWANO, TSUYOSHI         | 2,957,207 | KYRIAKOULEAS, KYRI      | 2,957,042 |
| IVENIX, INC.                           | 2,957,069 | KAWANORI, YUKIHIKO       | 2,956,888 | KYSAR, JEFFREY W.       | 2,956,793 |
| IVENIX, INC.                           | 2,957,182 | KCI LICENSING, INC.      | 2,951,043 | KYSILKA, VLADIMIR       | 2,957,290 |
| IVERSON, ISAAC K.                      | 2,957,318 | KEITZER, MARK            | 2,952,792 | LA FERLA, DANilo        | 2,956,552 |
| IVY, MICHELLE A.                       | 2,957,318 | KELLEY, MAYA             | 2,957,272 | LABADIA, MARK EDWARD    | 2,951,443 |
| IZUMIYAMA, TAKU                        | 2,957,006 | KELLOGG COMPANY          | 2,950,944 | LABBE, FREDERICK        | 2,956,846 |
| JACOBER, MARK A.                       | 2,956,783 | KELLY, LYNN              | 2,953,135 | LAGRO, DANIEL           | 2,956,952 |
| JACOBS, ALAN                           | 2,957,202 | KELLY, TERENCE           | 2,949,934 | LAHANE, ASHWINI         | 2,957,096 |
| JACOT, DOUGLAS S.                      | 2,956,777 | KENKI CO., LTD.          | 2,949,789 | LAI, KA-MAN VENUS       | 2,951,278 |
| JAEGERS, WOLFGANG                      | 2,956,777 | KENNEDY, TERRY           | 2,952,936 | LAITAR, DAVID S.        | 2,957,187 |
| JAENICKE, CHRISTOF                     | 2,955,757 | KENNEL, STEPHEN J.       | 2,956,820 | LAKAMRAJU, VIJAYA       |           |
| JAMES, ALAN DUNCAN                     | 2,950,343 | KENNEY, BENJAMIN A.      | 2,956,845 | RAMARAJU                | 2,955,832 |
| JAMON, THIBAULT                        | 2,950,669 | KENNEY, ERICA            | 2,956,053 | LALWANI, ANIL K.        | 2,956,793 |
| JANDER, MANUEL                         | 2,952,928 | KETTSCHAU, GEORG         | 2,950,218 | LAM, ANTHONY            | 2,956,775 |
| JANITCH, PAUL G.                       | 2,955,674 | KHARE, MAYURI            | 2,957,096 | LANGER, MARTIN          | 2,953,151 |
| JANSSEN VACCINES & PREVENTION B.V.     | 2,957,227 | KIM, HYEONG MIN          | 2,956,896 | LAPELOSA, MICHELE       | 2,957,310 |
| JANSSEN, DANIEL                        | 2,951,351 | KIM, MUN-HAK             | 2,956,781 | LARSSON, MARTIN         | 2,952,827 |
| JARJOUR, JORDAN                        | 2,951,443 | KIND CONSUMER LIMITED    | 2,952,901 | LARSSON, PETER          | 2,949,043 |
| JAYR, CYRIL                            | 2,956,667 | KING, RUDOLF             | 2,952,765 | LASSALLE, MANUEL        | 2,950,357 |
| JENA, SIMON SANTOSH                    | 2,952,705 | KIRIBUCHI, CHIZUKO       | 2,957,155 | LATVA-KOKKO, MARKO      | 2,953,278 |
| JENSEN, FIND MOLHOLT                   | 2,950,533 | KLAR, ULRICH             | 2,950,218 | LAUFER, WILHELM         | 2,950,228 |
| JEON, HO YOUNG                         | 2,957,087 | KLAUS, CHRISTINE         | 2,956,962 | LAULUND, JENS VALENTIN  | 2,954,011 |
| JEONG, SEONG HEON                      | 2,956,896 | KLEIN, MARCEL            | 2,953,029 | LAURENT, PATRICE        | 2,952,705 |
| JEPPESEN, PER BENDIX                   | 2,955,626 | KLEITSCH, MICHAEL        | 2,956,827 | LAURIOLA, MATTIA        | 2,952,961 |
| JFE STEEL CORPORATION                  | 2,950,463 | KLIMA, ZACHARY           | 2,953,999 | LAUTERWASSER, ERICA     |           |
| JI, XINGYUE                            | 2,956,892 | KLIOT, GABRIEL           | 2,954,511 | MAY WILSON              | 2,950,802 |
| JIN, HUIFENG                           | 2,950,007 | KLUG, PETER              | 2,953,273 | LAUTERWASSER, ERICA     |           |
| JOHANSSON, LARS                        | 2,957,038 | KNEGTEL, RONALD          | 2,950,587 | MAY WILSON              | 2,950,812 |
| JOHANSSON, LARS                        | 2,949,043 | KNEHANS, WENDELL         | 2,949,965 | LE, MAI                 | 2,956,935 |
| JOHNSON MATTHEY PUBLIC LIMITED COMPANY | 2,952,766 | KNOLHOFF, ANN MARIE      | 2,951,386 | LEA, SUSAN MARY         | 2,954,595 |
| JOHNSON, A. BRUCE                      | 2,949,965 | KOCH, JUSTIN L.          | 2,957,081 | LEBLANC, DAVID          | 2,957,259 |
| JOHNSON, DAN                           | 2,954,516 | KOCHER, NATHAN G.        | 2,957,083 | LECIP HOLDINGS          |           |
| JOHNSON, JAMES E.                      | 2,954,262 | KOCHHAR, RAVI            | 2,950,533 | CORPORATION             | 2,953,299 |
| JOHNSON, RICHARD                       | 2,956,786 | KOHLER, CHRISTOPHER E.   | 2,952,825 | LEE, CHANG-HOON         | 2,956,781 |
| JOHNSON, RICHARD RAY                   | 2,956,968 | KOJIMA, SATOSHI          | 2,957,271 | LEE, ELLIOT BYUNGHWAA   | 2,957,023 |
| JOHNSON, RICHARD RAY                   | 2,956,974 | KOKONASKI, WILLIAM       | 2,956,795 | LEE, POLLY PO YEE       | 2,953,969 |
| JOHNSON, SCOTT C.                      | 2,956,812 | KONDOU, SATOSHI          | 2,957,267 | LEGO A/S                | 2,954,011 |
| JONES, DAVID PHILIP                    | 2,953,273 | KONVALINKA, JAN          | 2,957,286 | LEHRBERG, DAVID         | 2,957,277 |
| JONES, LYN HOWARD                      | 2,950,393 | KOSTOV, YORDAN           | 2,956,924 | LEIDIG, THORSTEN        | 2,957,320 |
| JONES, OLIVER R.                       | 2,954,913 | KOZAK, ERIC JAN          | 2,956,844 | LEIGHTON, CLARENCE      | 2,957,228 |
| JONES, ROBERT GLENN                    | 2,957,074 | KOZONO, SATOKO           | 2,957,267 | LEJEUNE, ARMAND         | 2,957,119 |
| JOO, HYEMEE                            | 2,957,314 | KRALOVICOVA, JANA        | 2,951,208 | LEONETTI, JEAN-PAUL     | 2,950,992 |
| JORE, MATHIJS MIKLAS                   | 2,954,595 | KRAMER, AXEL             | 2,951,742 | LEPRINCE, SALOME        | 2,956,770 |
| JOSHI, VAIDHEI                         | 2,957,096 | KRAULAND, ERIC M.        | 2,950,934 | LERCH, MICHEAL S.       | 2,957,070 |
| KABABIK, DAVID W.                      | 2,953,116 | KRAWCZYK, THOMAS         | 2,950,379 | LEROUX, FLORENCE        | 2,950,357 |
| KACER, PETR                            | 2,957,290 | KREMER, ASHER            | 2,957,134 | LESTAVEL, SOPHIE        | 2,950,357 |
| KAKOEE, MOHAMMAD REZA                  | 2,954,044 | KRETSCHMER, MANUEL       | 2,956,206 | LETOUZEY, VINCENT       | 2,956,770 |
| KALWEI, MARTIN                         | 2,951,364 | KRISHNAN, SRIRAM         | 2,950,802 | LETTTS, RYAN            | 2,956,943 |
| KAMRUZZAMAN, MOHAMMAD                  | 2,952,899 | KRISHNASWAMY, MANIKANDAN | 2,950,812 | LEUCHTEN, ELKE          | 2,956,850 |
| KANAZAWA, CHIKASHI                     | 2,956,553 | KRUIJT, JIMME            | 2,953,969 | LEUSINK, DEBBIE         | 2,951,748 |
| KANDERSKI, MONINA D.                   | 2,953,137 | KUBO, SATOSHI            | 2,950,753 | LEUTARD, FLORENCE IRENE |           |
| KANEKIYO, MASARU                       | 2,950,085 | KUHLMAN, DENNIS EUGENE   | 2,956,851 | NOELLE                  | 2,952,928 |
| KANNAN, BHARANI                        | 2,950,753 | KUHLMAN, DENNIS EUGENE   | 2,957,313 | LEVINE, MARC-ALAN       | 2,956,973 |
|  |           | KUMAR, SATISH            | 2,949,123 | LEWIS, JOHN ALFRED      | 2,951,351 |
|  |           |                          | 2,950,076 | LI, CHENGWEI            | 2,956,773 |
|  |           |                          | 2,956,237 | LI, JIN                 | 2,953,969 |
|  |           |                          |           | LI, KUNHAO              | 2,957,307 |

## Index of PCT Applications Entering the National Phase

|                                   |           |                                  |           |                               |           |
|-----------------------------------|-----------|----------------------------------|-----------|-------------------------------|-----------|
| LI, QIUHONG                       | 2,957,211 | MADAN, SUMIT                     | 2,950,533 | MATRAVERS, PETER              | 2,950,912 |
| LI, SHENGRONG                     | 2,956,960 | MADONINI, LUIGI DANTE            | 2,953,199 | MATSUTANI, HIROAKI            | 2,957,157 |
| LI, TING                          | 2,956,847 | MAGIN, CHELSEA MARIE             | 2,956,804 | MAUGENDRE, STEPHANE           | 2,953,252 |
| LI, TINGJIE                       | 2,957,117 | MAGNETROL                        |           | MAY, RHEA                     | 2,956,804 |
| LI, WENQUAN                       | 2,956,893 | INTERNATIONAL,<br>INCORPORATED   | 2,956,800 | MAZEL, ALEXANDRE              | 2,953,246 |
| LI, XIA                           | 2,957,044 | MAGNETROL                        |           | MC10, INC.                    | 2,957,044 |
| LIA DIAGNOSTICS, INC.             | 2,957,066 | INTERNATIONAL,<br>INCORPORATED   |           | MCCRRAW, GARRY                | 2,953,993 |
| LIENAU, PHILIP                    | 2,950,218 | MAINSTAY MEDICAL                 |           | MCDONNELL, CHRISTOPHER        | 2,956,927 |
| LIFSHITZ, ROEE                    | 2,953,074 | MAHE, YANN                       | 2,953,260 | MCDOWELL, JAMES KERWIN        | 2,949,245 |
| LIN, BO                           | 2,956,977 | MAILLET, ALEXANDRE               | 2,952,751 | MCGEE, WILLIAM F., II         | 2,956,807 |
| LIN, MICHAEL W.                   | 2,953,134 | MAJER, PAVEL                     | 2,954,968 | MCHUGH, TARA H.               | 2,956,053 |
| LIN, XIAO YING                    | 2,957,074 | MAJURU, SHINGAI                  | 2,953,246 | MCNEIL, BENJAMIN              | 2,957,025 |
| LIN, XICHEN                       | 2,950,466 | MAISONNIER, BRUNO                | 2,950,332 | MCNEIL, KEVIN BENSON          | 2,950,866 |
| LINDBO, SVERKER                   | 2,953,023 | MAIWORM, FRANK                   | 2,957,286 | MCNEIL, KEVIN BENSON          | 2,950,895 |
| LINDE, ANNIKA                     | 2,956,778 | MAJOR, PAUL                      | 2,957,034 | MCNEIL, KEVIN BENSON          | 2,950,901 |
| LINDSAY, LES                      | 2,950,856 | MALARTRE, DAVID                  | 2,957,272 | MCQUAID, WILLIAM C.           | 2,957,069 |
| LINGOES, JANETTE<br>VILLALOBOS    | 2,949,123 | MALHOTRA, GEENA                  | 2,950,471 | MCQUAID, WILLIAM C.           | 2,957,182 |
| LINGOES, JANETTE<br>VILLALOBOS    | 2,950,076 | MALTAR, PAUL                     | 2,952,760 | MCRAE, GLENN                  | 2,956,968 |
| LISZKA, DAWID                     | 2,956,838 | MALYUK, MICHAEL                  | 2,954,128 | MCRAE, GLENN                  | 2,956,974 |
| LITESTONE HOLDINGS PTY<br>LIMITED | 2,957,042 | WILLIAM                          | 2,954,511 | MCVEEN, KEITH MICHAEL         | 2,955,776 |
| LITTAU, CHERYL A.                 | 2,956,935 | MAMET, JULIEN                    | 2,957,250 | MEDAWARE LTD.                 | 2,957,002 |
| LIU, HUI                          | 2,957,038 | MANCUSO, RICCARDO                | 2,949,934 | MEHRLING, THOMAS JORG         | 2,950,338 |
| LIU, NEN-CHIN                     | 2,954,616 | MANI, AJAY                       | 2,954,262 | MEHRLING, THOMAS JORG         | 2,950,374 |
| LIU, NEN-CHIN                     | 2,954,646 | MANN, ETHAN EUGENE               | 2,956,804 | MEJLSTRUP, RYAN               | 2,950,625 |
| LIU, YANG                         | 2,956,988 | MANNING, DON                     | 2,957,250 | MELAMED, TAMIR                | 2,957,087 |
| LIU, YONG-JUN                     | 2,957,314 | MANSOUR, GEORGE                  | 2,953,111 | MELLBYE, FREDRIK              | 2,954,511 |
| LIU, ZHENGXIAN                    | 2,956,988 | MANSOUR, GEORGE                  | 2,953,115 | BRUSTAD                       | 2,950,463 |
| LIU, ZONGSHIN                     | 2,956,848 | MARDON, GREGORY SCOTT            | 2,956,890 | MELLIN, GUSTAV ANDRE          | 2,950,895 |
| LIU, ZONGSHIN                     | 2,956,849 | MARICAILLE, PATRICK              | 2,945,685 | MELLIN, GUSTAV ANDRE'         | 2,950,901 |
| LIVING GREENS FARM, INC.          | 2,956,952 | MARISSEN, ROELOF                 | 2,953,228 | MELNICK, JOEL Z.              | 2,950,866 |
| LIZIO, ROSARIO                    | 2,950,339 | MARRON, BRIAN EDWARD             | 2,950,393 | MENGLER, JAN                  | 2,957,240 |
| LMK THERMOSAFE LTD.               | 2,955,825 | MARRONE BIO<br>INNOVATIONS, INC. | 2,957,302 | MERCHANT, ARWA                | 2,957,290 |
| LOCKE, CHRISTOPHER<br>BRIAN       | 2,951,043 | MARS, JOHN, JR.                  | 2,953,999 | MERLIN, DIDIER                | 2,957,096 |
| LOGUE, BRUCE ALLEN                | 2,950,288 | MARSHALL, CAMERON                | 2,957,060 | MERSANA THERAPEUTICS,<br>INC. | 2,950,007 |
| LOGUE, BRUCE ALLEN                | 2,950,291 | MARSHALL, JAMES                  |           | MESCHKAT, STEPHAN JAMES       | 2,950,934 |
| LOHMANN, JAN KLAAS                | 2,950,802 | NICHOLAS                         | 2,956,921 | ANDREAS                       | 2,949,123 |
| LOHMANN, JAN KLAAS                | 2,950,812 | MARSON, ANGELICA                 | 2,952,892 | MESCHKAT, STEPHAN JAMES       |           |
| LOPES, JEFFREY D.                 | 2,957,279 | MARSON, JAMES EDWARD             | 2,956,777 | ANDREAS                       | 2,953,062 |
| LOW, HONG YEE                     | 2,949,113 | MARTEL, MARK                     | 2,956,973 | MESCHKAT, STEPHAN JAMES       |           |
| LOWINGER, TIMOTHY B.              | 2,950,934 | MARTIN, DANA BURROWS             | 2,957,074 | ANDREAS                       | 2,953,231 |
| LOZANO-DUBERNARD,<br>BERNARDO     | 2,956,997 | MARTIN, ROXALANA                 | 2,952,792 | MESOBLAST                     |           |
| LU, HONGFU                        | 2,950,466 | MARTIN, TIMOTHY M.               | 2,953,364 | INTERNATIONAL SARL            | 2,950,804 |
| LU, MINGMING                      | 2,956,988 | MARTIN, WILLIAM                  | 2,957,250 | METTETAL, MICHAEL R.          | 2,956,804 |
| LUKACS, SANDOR                    | 2,954,510 | MARTINEZ BECARES,<br>ALBERTO     |           | MICROSOFT TECHNOLOGY          |           |
| LUKACS, SANDOR                    | 2,954,604 | MARTINI MERLO, JUAN              | 2,949,113 | LICENSING, LLC                | 2,954,262 |
| LUM, HENRY                        | 2,956,775 | MIGUEL                           | 2,957,245 | MICROSOFT TECHNOLOGY          |           |
| LUMINEX CORPORATION               | 2,956,812 | MARTINI, PAUL MICHAEL            | 2,956,803 | LICENSING, LLC                | 2,954,511 |
| LUSHINGTON, GERALD<br>HENRY       | 2,956,778 | MARTINI, PAUL MICHAEL            | 2,956,805 | LICENSING, LLC                | 2,954,516 |
| LUTAS, ANDREI-VLAD                | 2,954,510 | MARTINI, PETER ANTHONY           | 2,956,803 | MICROSOFT TECHNOLOGY          |           |
| LUTAS, ANDREI-VLAD                | 2,954,604 | MARTINI, PETER ANTHONY           | 2,956,805 | LICENSING, LLC                | 2,954,663 |
| LV, BINHUA                        | 2,956,773 | MARY, CAROLINE                   | 2,950,823 | MICROSOFT TECHNOLOGY          |           |
| LV, YONGXIA                       | 2,957,262 | MASCOLA, JOHN R.                 | 2,950,085 | LICENSING, LLC                | 2,954,714 |
| LYON, HELEN ELSPETH               | 2,953,273 | MASLOW, ALEXANDER                | 2,950,379 | MICROSOFT TECHNOLOGY          |           |
| LYTER, TOD S.                     | 2,957,228 | MASSEY, LAURA                    | 2,954,714 | LICENSING, LLC                | 2,955,011 |
| MABQUEST SA                       | 2,957,258 | MASTERSON, KEVIN                 | 2,952,803 | MICROSOFT TECHNOLOGY          |           |
| MACAULAY, CHARLOTTE<br>VALERIE    | 2,956,967 | MATEI, LIDIA                     | 2,956,968 | LICENSING, LLC                | 2,955,624 |
| MADAN, HARISH KUMAR               | 2,950,533 | MATHIASSEN, DANIEL W.            | 2,956,974 | MICROSOFT TECHNOLOGY          |           |
|                                   |           | MATHIS, MARK L.                  | 2,954,011 | LICENSING, LLC                | 2,955,651 |
|                                   |           |                                  | 2,957,277 |                               |           |

## Index des demandes PCT entrant en phase nationale

|  |           |   |           |  |           |
|--|-----------|---|-----------|--|-----------|
| MICROSOFT TECHNOLOGY<br>LICENSING, LLC | 2,955,822 | NATIONAL INSTITUTE OF<br>ADVANCED INDUSTRIAL<br>SCIENCE AND<br>TECHNOLOGY | 2,956,891 | OKUNO, TAKUYA                              | 2,957,004 |
| MICROSOFT TEHCNOLGY<br>LICENSING, LLC  | 2,954,913 | NATIONAL INSTITUTE OF<br>ADVANCED INDUSTRIAL<br>SCIENCE AND<br>TECHNOLOGY | 2,956,894 | OLLINGER, DAVID                            | 2,956,775 |
| MIGNEAULT, PETER                       | 2,956,786 | NATIONAL OILWELL VARCO,<br>L.P.   | 2,953,993 | OMYA INTERNATIONAL AG                      | 2,951,344 |
| MIKHAIL, ANN                           | 2,951,443 | NATIONAL TAIWAN<br>UNIVERSITY   | 2,956,808 | ONE MEDIA, LLC                             | 2,956,957 |
| MILLER, JOSEPH H.                      | 2,957,070 | NAUMANN, PETER  | 2,953,273 | ONGCHIN, DERRICK                           | 2,957,031 |
| MILLET, REGIS                          | 2,950,853 | NAV RATIL, VACLAV   | 2,957,286 | OPKO IRELAND GLOBAL<br>HOLDINGS, LTD.      | 2,957,240 |
| MILLIMAN, HENRY W.                     | 2,953,121 | NAYLOR, ALAN  | 2,950,384 | OROFINO<br>PHARMACEUTICALS<br>GROUP S.R.L. | 2,952,845 |
| MINHAS, SHARIQ                         | 2,957,124 | NEEDHAM, DEBORAH  | 2,950,385 | OROFINO, ERNESTO                           | 2,952,845 |
| MINOR, JOHANNES                        | 2,956,844 | NEGOITA-GIRAS, GABRIEL  | 2,950,384 | ORR, RICK                                  | 2,957,250 |
| MIRZAAGHAEIAN, AMIN                    | 2,956,786 | NEGOITA-GIRAS, GABRIEL  | 2,950,385 | OSE IMMUNOTHERAPEUTICS                     | 2,950,823 |
| MITSUBISHI ELECTRIC<br>CORPORATION     | 2,956,888 | NEUKAM, CHRISTIAN   | 2,955,757 | OSTERKAMP, FRANK                           | 2,949,936 |
| MITTAL, BHUPESH KUMAR                  | 2,956,902 | NEURESCENCE INC.  | 2,956,779 | OTERO ESPINAR, FRANCISCO                   |           |
| MITZ, KEVIN                            | 2,957,277 | NEURIO TECHNOLOGY INC.  | 2,957,055 | J  | 2,950,478 |
| MITZENBERG, JAMES R.                   | 2,953,056 | NEW YORK AIR BRAKE, LLC   | 2,957,162 | OTG EXPERIENCE, LLC                        | 2,957,028 |
| MIYASHITA, YUSUKE                      | 2,957,005 | NEWCASTLE INNOVATION<br>LIMITED   | 2,957,257 | OUTOTEC (FINLAND) OY                       | 2,953,278 |
| MOBERG, FREDRIK                        | 2,949,043 | NEWPARK MATS &<br>INTEGRATED SERVICES<br>LLC                              | 2,949,245 | OVERLEY, MATTHEW                           |           |
| MOBILE SEARCH SECURITY<br>LLC          | 2,957,184 | NGUYEN, DENNIS P.   | 2,956,910 | BERNARD                                    | 2,953,952 |
| MOELLER, JOHN F.                       | 2,957,011 | NGUYEN, DENNIS P.   | 2,956,911 | OXFORD UNIVERSITY<br>INNOVATION LIMITED    | 2,954,595 |
| MOENNE-LOCCOZ, PHILIPPE                | 2,955,811 | NICOLUSSI, SIMON  | 2,950,354 | PAIN, BERNARD                              | 2,953,211 |
| MOFFITT, MICHAEL A.                    | 2,954,855 | NIEHAUS, KENNETH L.   | 2,957,027 | PAN, ZHONGLI                               | 2,956,053 |
| MOKANDER, JURGEN                       | 2,952,827 | NIPPON STEEL & SUMITOMO<br>METAL CORPORATION                              | 2,956,811 | PANESAR, MANINDER                          | 2,950,587 |
| MOLNAR, ROBERT W.                      | 2,957,220 | NISHIISHIGAKI, KENJI  | 2,956,772 | PANIAGUA, CEDRIC                           | 2,956,770 |
| MONCEAUX, JEROME                       | 2,953,246 | NISSAN CHEMICAL<br>INDUSTRIES, LTD.                                       | 2,957,312 | PANTALEO, GIUSEPPE                         | 2,957,258 |
| MONGIS, THOMAS<br>GUILLAUME            | 2,952,750 | NISSAN MOTOR CO., LTD.  | 2,956,995 | PARDAL, NEHA                               | 2,956,902 |
| MONTALBANO, ANTHONY                    | 2,953,999 | NITTO, THOMAS   | 2,950,155 | PARK, JI-HOON                              | 2,956,781 |
| MONTEITH, SHAWN                        | 2,957,280 | NOLDNER, MICHAEL  | 2,953,190 | PARK, PETER U.                             | 2,950,934 |
| MOON, KUK-CHAN                         | 2,956,781 | NORRIS, LESLIE MARIE  | 2,956,053 | PARMAR, RAJESH                             | 2,956,765 |
| MOORE, ERIC                            | 2,956,800 | NORTHCONE AB  | 2,949,043 | PARRY, ALYN JAMES                          | 2,953,273 |
| MOREY, JOHN DAVID                      | 2,957,020 | NOURIAN, AMIR   | 2,950,387 | PASCHKE, MATTHIAS                          | 2,949,936 |
| MORI, HATSUO                           | 2,957,006 | NOVAHEP AB  | 2,950,021 | PASQUINO, ENRICO                           | 2,953,211 |
| MORINAKA, AKIFUMI                      | 2,957,313 | NOVARTIS AG   | 2,950,527 | PATEL, MILAN                               | 2,954,128 |
| MORITZHUBER, JOHANNES                  | 2,948,892 | NOVARTIS AG   | 2,950,724 | PAYNE, TIM                                 | 2,950,409 |
| MORIYA, YOSHIHIRO                      | 2,957,271 | NOVARTIS AG   | 2,952,850 | PECHER, RADEK                              | 2,956,951 |
| MORIYAMA, HIDEYUKI                     | 2,949,789 | NISSAN MOTOR CO., LTD.  | 2,956,995 | PECK, KONAN                                | 2,956,808 |
| MOROZOV, VADIM                         | 2,956,958 | NITTOLI, THOMAS   | 2,950,155 | PEDERSEN, DANIEL E.                        | 2,956,935 |
| MORRIS, STEPHEN<br>WYNFORD             | 2,952,901 | NOLDNER, MICHAEL  | 2,953,190 | PEERLINGS, HENRICUS                        | 2,953,273 |
| MOSHER, DOYLE                          | 2,953,999 | NORRIS, LESLIE MARIE  | 2,956,053 | PEERS, SUSAN H.                            | 2,957,240 |
| MOTOMURA, ASAKO                        | 2,957,004 | NORTHCONE AB  | 2,949,043 | PEI, FRANK Z.                              | 2,956,910 |
| MTT INNOVATION<br>INCORPORATED         | 2,956,844 | NOURIAN, AMIR   | 2,950,387 | PELLATON, BERTRAND                         |           |
| MUELLER, BERND                         | 2,950,802 | NOVARTIS AG   | 2,950,021 | GUILLAUME ROBIN                            | 2,952,755 |
| MUELLER, BERND                         | 2,950,812 | NOVARTIS AG   | 2,950,527 | PEOPLE CO., LTD.                           | 2,957,155 |
| MUHR-TAILLEUX, ANNE                    | 2,950,357 | NOZATO, HISAE   | 2,950,724 | PERCEPTIMED, INC.                          | 2,957,202 |
| MUJICA, ALEXANDER O.                   | 2,951,278 | NUESTRO, MARIA V.   | 2,952,850 | PEREIRA, DAVID EUGENE                      | 2,957,034 |
| MULHEARN, PATRICK F.X.                 | 2,957,184 | NUNN, MILES   | 2,957,219 | PEREZ-PRAT VINUESA, EVA                    |           |
| MULLER, THIERRY                        | 2,952,892 | NUTRICOS TECHNOLOGIES   | 2,956,553 | MARIA                                      | 2,949,113 |
| MURPHY, ANDREW J.                      | 2,951,278 | O'SULLIVAN, PETER   | 2,956,786 | PETEREIT, HANS-ULRICH                      | 2,950,339 |
| MURPHY, MARCUS L.                      | 2,957,289 | OATES, PETER  | 2,953,260 | PETERS, MATTISON                           | 2,956,053 |
| MURRAY, MICHAEL                        | 2,957,280 | OBRY, CHARLES   | 2,957,325 | PETERSEN, KIRSTIN                          | 2,950,218 |
| MUTER, JOHN                            | 2,956,765 | OCADO INNOVATION<br>LIMITED   | 2,954,595 | PETKOVICH, P. MARTIN                       | 2,957,240 |
| NAGATA, KAZUHIRO                       | 2,957,007 | OCIO, ENRIQUE MARIA   | 2,953,023 | PFIZER INC.                                | 2,950,393 |
| NAGESHARAO, PAVITHRA<br>TYAMAGONDLU    | 2,954,262 | ODA, YOSHIHIKO  | 2,950,338 | PHAN, CHRISTOPHER U.                       | 2,956,786 |
| NAKAJIMA, HIROAKI                      | 2,956,892 | OH, JUNGMIN   | 2,956,892 | PHIBRO ANIMAL HEALTH<br>CORPORATION        | 2,949,965 |
| NAKAMURA, TAIJU                        | 2,957,005 | OH, SANGKON   | 2,952,149 | PHILEOLE                                   | 2,951,333 |
| NAKANISHI, TADASHI                     | 2,956,892 | OH, SHARON ROSLYN SU YIN  | 2,957,314 | PIERARD, FRANCOISE                         | 2,950,587 |
| NARDELLI, ALFONSO                      | 2,949,433 | OHR, STEFFEN  | 2,949,113 | PIETRZYK, GRZEGORZ                         | 2,955,674 |
| NASR, GHASEM                           | 2,950,387 | OKUBO, TOMOYUKI   | 2,951,344 | PIJNAPPEL, WILHELMUS                       |           |
|  |           |   | 2,956,892 | WENCESLAUS<br>MATTHIAS                     | 2,950,876 |

## Index of PCT Applications Entering the National Phase

|  |           |  |                                     |  |                                     |
|--|-----------|--|-------------------------------------|--|-------------------------------------|
| PIJNAPPEL, WILHELMUS<br>WENCESLAUS<br>MATTHIAS | 2,950,878 | RAVELLI, EMMANUEL<br>RAWAT, PRASHANT<br>BRIJMOHANSINGH | 2,955,757<br>2,954,968<br>2,950,393 | ROSIER, MICHAEL<br>ROSIER, MICHAEL<br>ROSNER, CHERYL | 2,954,300<br>2,954,532<br>2,957,124 |
| PILLI, MANOHAR                                 | 2,956,924 | RAWSON, DAVID JAMES                                    | 2,950,393                           | ROTE, SCOTT  | 2,950,409                           |
| PINAZZA, MASSIMO                               | 2,956,795 | RAYMOND, THOMAS D.                                     | 2,953,263                           | ROTH, CLAUDE   | 2,952,531                           |
| PINDER, JOANNE                                 | 2,950,587 | REDDY, SHRAVANTHI T.                                   | 2,956,804                           | ROUILLER, JEAN-CLAUDE                                | 2,953,255                           |
| PLATTNER, TROY L.                              | 2,957,081 | REDL, FRANZ XAVER                                      | 2,953,234                           | ROUMEAS, LAURENT                                     | 2,957,012                           |
| PLETCHER, KATHLEEN E.                          | 2,953,116 | REGENERON  |                                     | ROVI GUIDES, INC.                                    | 2,954,128                           |
| PNEUMRX, INC.                                  | 2,957,277 | PHARMACEUTICALS,<br>INC.                               | 2,950,155                           | ROVI GUIDES, INC.                                    | 2,954,206                           |
| POGOTEC, INC.                                  | 2,956,795 | REGENERON  |                                     | ROWLANDS, MARIANNA                                   | 2,950,527                           |
| POIRIER, NICOLAS                               | 2,950,823 | PHARMACEUTICALS,<br>INC.                               |                                     | ROY, SEBASTIEN                                       | 2,952,751                           |
| POLLOCK, ROY,<br>MACFARLANE                    | 2,956,962 | REGENERON  | 2,951,278                           | RUGEN HOLDINGS<br>(CAYMAN) LIMITED                   | 2,950,285                           |
| POTTHOFF, MATTHIAS                             | 2,950,379 | PHARMACEUTICALS,<br>INC.                               |                                     | RUGER, STEFAN  | 2,951,742                           |
| POWELL, JONATHAN                               | 2,950,384 | REGION MIDJYLLAND                                      | 2,957,036                           | RUNOWSKI, THOMAS                                     | 2,957,320                           |
| POWELL, JONATHAN                               | 2,950,385 | REIB, ROBERT N.  | 2,950,463                           | RUSSELL, MATTHEW ALAN                                | 2,950,866                           |
| POWERLACE TECHNOLOGIES<br>INC.                 | 2,956,846 | REICHKITZER, TAMARA A.                                 | 2,953,116                           | RUSSELL, MATTHEW ALAN                                | 2,950,895                           |
| PPG INDUSTRIES OHIO, INC.                      | 2,952,792 | REINEKE, ULRICH  | 2,950,944                           | RYCKMANS, THOMAS                                     | 2,950,901                           |
| PRADEEP METALS LIMITED                         | 2,957,007 | REINHARDT, JUERGEN                                     | 2,949,936                           | RYDER, KARL  | 2,953,238                           |
| PRENCIPE, MICHAEL                              | 2,952,921 | REMMELO, ROGER   | 2,950,724                           | S.I.P.A. SOCIETA'<br>INDUSTRIALIZZAZIONE             |                                     |
| PRINZ, BIANKA                                  | 2,950,934 | REN, FENG  | 2,952,890                           | PROGETTAZIONE E                                      |                                     |
| PROCACCINI, FABRIZIO                           | 2,956,551 | RENGA, JAMES M.  | 2,950,466                           | AUTOMAZIONE S.P.A.                                   | 2,950,394                           |
| PRODOEHL, MICHAEL SCOTT                        | 2,950,866 | RENON, OLIVIER   | 2,957,187                           | SACHA, PAVEL   | 2,957,286                           |
| PRODOEHL, MICHAEL SCOTT                        | 2,950,895 | REUL, BERNHARD   | 2,952,928                           | SAFRAN AIRCRAFT ENGINES                              | 2,952,750                           |
| PRODOEHL, MICHAEL SCOTT                        | 2,950,901 | REUSCHL, STEFAN  | 2,953,029                           | SAFRAN AIRCRAFT ENGINES                              | 2,952,752                           |
| PROPEL ORTHODONTICS,<br>LLC                    | 2,956,786 | REUSER, ARNOLDUS                                       | 2,955,757                           | SAFRAN AIRCRAFT ENGINES                              | 2,952,755                           |
| PRYSMIAN S.P.A.                                | 2,956,852 | REUSER, ARNOLDUS                                       | 2,950,876                           | SAFRAN AIRCRAFT ENGINES                              | 2,952,755                           |
| PUTNAM, NICHOLAS                               | 2,956,925 | REWASKAR, SUSHANT<br>PRAMOD                            | 2,950,878                           | SAFRAN AIRCRAFT ENGINES                              | 2,952,914                           |
| PUTTEN, VAN, KOEN                              | 2,953,228 | REY, JEAN-NOEL   | 2,954,262                           | SAFRAN AIRCRAFT ENGINES                              | 2,953,046                           |
| PUVVADI, SUDHAKAR RAO                          | 2,953,969 | REYES, ALISON M.                                       | 2,956,194                           | SAHA, GOUTAM   | 2,950,493                           |
| Q.E.D. ENVIRONMENTAL<br>SYSTEMS, INC.          | 2,957,027 | REYMOND, JEAN-LOUIS                                    | 2,955,011                           | SAINT-GOBAIN GLASS                                   |                                     |
| QIAN, JUN                                      | 2,953,969 | RHEIN CHEMIE RHEINAU<br>GMBH                           | 2,950,354                           | FRANCE   | 2,952,751                           |
| QM POWER, INC.                                 | 2,956,691 | RICE, BRANDON  | 2,950,228                           | SAINT-GOBAIN GLASS                                   |                                     |
| QU, HONGYING                                   | 2,956,988 | RICOH COMPANY, LIMITED                                 | 2,956,925                           | FRANCE   | 2,953,029                           |
| QUALCOMM INCORPORATED                          | 2,954,044 | RICOH COMPANY, LTD.                                    | 2,957,255                           | SAINT-GOBAIN GLASS                                   |                                     |
| QUALCOMM INCORPORATED                          | 2,955,626 | RIGAMONTI, MAURO                                       | 2,957,271                           | FRANCE   | 2,955,702                           |
| QUINTERO PALOMAR,<br>MARIA ANGELICA            | 2,950,802 | RIGATTI, ROBERTO                                       | 2,953,199                           | SAINT-GOBAIN GLASS                                   |                                     |
| QUINTERO PALOMAR,<br>MARIA ANGELICA            | 2,950,812 | RIJK ZWAAN ZAADTEELT EN<br>ZAADHANDEL B.V.             | 2,951,005                           | FRANCE   | 2,955,732                           |
| RABE, THOMAS ELLIOT                            | 2,949,123 | RITASALO, TEEMU  | 2,955,716                           | SAINT-GOBAIN ISOVER                                  |                                     |
| RABE, THOMAS ELLIOT                            | 2,950,076 | RITTER, BRIAN  | 2,953,278                           | SAITO, MASAHIRO                                      | 2,956,811                           |
| RABE, THOMAS ELLIOT                            | 2,953,062 | RIVE TECHNOLOGY, INC.                                  | 2,953,999                           | SAKAGUCHI, TAKATOSHI                                 | 2,957,207                           |
| RABE, THOMAS ELLIOT                            | 2,953,231 | ROBERSON, BRIAN  | 2,957,307                           | SAKAKIBARA, KAZUKI                                   | 2,922,386                           |
| RAE, CAROL A.                                  | 2,957,011 | ROBERTS, JAMES R.                                      | 2,956,893                           | SAKURA RUBBER CO., LTD.                              | 2,956,774                           |
| RAIMONDI, MARIA,<br>ALEJANDRA                  | 2,956,962 | ROBERTS, TOM   | 2,956,826                           | SALA, PABLO  | 2,954,516                           |
| RAIZADA, MOHAN K.                              | 2,957,211 | ROBINSON, TIMOTHY MARK                                 | 2,957,085                           | SALES CASALS, LLUIS-<br>RAMON                        | 2,956,827                           |
| RAKIEWICZ, EDWARD F.                           | 2,952,792 | ROCCI, MIRKO   | 2,951,043                           | SAALTER, THOMAS                                      | 2,954,714                           |
| RAMAKRISHNAN, RAKESH                           | 2,953,969 | ROCCI, MIRKO   | 2,953,135                           | SANBORN, ALEXANDRA                                   | 2,956,953                           |
| RAMAN, GOVINDARAJAN                            | 2,951,037 | RODGERS, WILLIAM, III                                  | 2,953,151                           | SANCHEZ FERNANDEZ,<br>LUCIA DEL CARMEN               | 2,957,245                           |
| RAMPSON, BENJAMIN E.                           | 2,954,663 | RODI, ROBERT LOUIS                                     | 2,953,178                           | SANCHEZ FERNANDEZ,<br>LUCIA DEL CARMEN               |                                     |
| RAO, GOVIND                                    | 2,956,924 | RODRIGUEZ, ISAAC<br>ANTHONY                            | 2,954,511                           | SANDERS, BARBARA                                     | 2,957,253                           |
| RAO, RAJESH                                    | 2,950,533 | RODRIGUEZ, ISABEL                                      | 2,957,263                           | PETRONELLA   | 2,951,351                           |
| RAPPARINI, GINO                                | 2,950,702 | RODRIGUEZ, VERA  | 2,949,113                           | SANDERSON, ALASTAIR                                  |                                     |
| RASOLONJATOVO, ISABELLE<br>MARIE JULIA         | 2,951,005 | ROLL-N-LOCK<br>CORPORATION                             | 2,957,277                           | RICHARD  | 2,953,273                           |
| RASSAM, SAAD MUNIR<br>BASHIR                   | 2,952,764 | ROQUETTE FRERES  | 2,956,898                           | SANMUGALINGHAM,                                      |                                     |
| RAUT, PREETI                                   | 2,952,760 | ROSALES, ANTONIO                                       | 2,950,520                           | GEETHA   | 2,957,091                           |
| RAVELLI, EMMANUEL                              | 2,955,674 | ROSATI, EMILIO   | 2,950,021                           | SANOFI   | 2,951,077                           |
|  |           | ROSENFIELD, GIL  | 2,957,303                           | SANTOS, MIGUEL A. F.                                 | 2,950,288                           |
|  |           |  | 2,956,844                           |  |                                     |

## Index des demandes PCT entrant en phase nationale

|                               |           |                          |           |                         |           |
|-------------------------------|-----------|--------------------------|-----------|-------------------------|-----------|
| SARAWGI, ADITYA               | 2,957,054 | SICENO S.A.R.L.          | 2,952,761 | STORCK, PIERRE-HENRI    | 2,950,587 |
| SARFATI-MIZRAHI, DAVID        | 2,956,997 | SILVER, ADAM             | 2,957,085 | STORER, ROBERT IAN      | 2,950,393 |
| SAS SAFETY SYSTEMS            |           | SIMA, ALEKSANDRA         | 2,954,210 | STRIEMER, GRANT EDWARD  |           |
| HOLDINGS PTY LTD              | 2,956,843 | SIMMONS, PAUL            | 2,950,804 | ANDERS                  | 2,949,123 |
| SATO, MOTOYASU                | 2,957,007 | SIMO CANONGE, RAFAEL     | 2,950,348 | STRIEMER, GRANT EDWARD  |           |
| SATO, NARUMICHI               | 2,957,157 | SIMON, JEAN-JACQUES      | 2,953,247 | ANDERS                  | 2,950,076 |
| SATOU, TAKAYUKI               | 2,956,865 | SIMON, MICHAEL J.        | 2,956,957 | STRUGNELL, STEPHEN A.   | 2,957,240 |
| SAUDER, DOUG                  | 2,957,081 | SIMON-LORIERE, ETIENNE   | 2,952,531 | STUDLEY, JOHN           | 2,950,587 |
| SAUVIGNET, PHILIPPE           | 2,951,100 | SIMONI, GRACE            | 2,957,011 | STUMPHAUZER, WILLIAM C. | 2,956,970 |
| SAWYER, KENNETH I.            | 2,956,919 | SIMONI, JAN              | 2,957,011 | SUGANUMA, HIROSHI       | 2,957,004 |
| SCHALL, GUNTHER               | 2,955,702 | SINGH, ROMI BARAT        | 2,950,533 | SUGDEN, BENJAMIN        | 2,954,714 |
| SCHALL, GUNTHER               | 2,955,732 | SIRIPURAPU, SRINIVAS     | 2,957,023 | SULOFF, ERIC C.         | 2,950,944 |
| SCHEPERS, FREEK               | 2,956,850 | SIRVIN, NICOLAS          | 2,953,046 | SULZLE, DETLEV          | 2,950,218 |
| SCHERTLER, KURT               | 2,948,892 | SKUBITZ, JASON JOHN      | 2,954,968 | SUMITOMO ELECTRIC       |           |
| SCHEUERLE                     |           | SMERLING, CHRISTIANE     | 2,949,936 | INDUSTRIES, LTD.        | 2,957,004 |
| FAHRZEUGFABRIK                |           | SMITH, DAVID BERNARD     | 2,957,017 | SUMITRAN-HOLGERSSON,    |           |
| GMBH                          | 2,951,742 | SMITH, LOGAN ESSEX       | 2,957,022 | SUCHITRA                | 2,950,021 |
| SCHIMER, JIRI                 | 2,957,286 | SMITH, VINCENT PETER     | 2,951,005 | SUMNICHT, DANIEL        | 2,957,070 |
| Schlumberger Canada           |           | SOFTBANK ROBOTICS        |           | SUN PHARMACEUTICAL      |           |
| LIMITED                       | 2,956,951 | EUROPE                   | 2,953,246 | INDUSTRIES LIMITED      | 2,950,533 |
| SCHMIEDEBERG, NIKO            | 2,950,724 | SOGA, SHINJI             | 2,957,313 | SUN PHARMACEUTICAL      |           |
| SCHNEIDER, CURT               | 2,956,220 | SOGAWA, ICHIRO           | 2,957,004 | INDUSTRIES LIMITED      | 2,956,902 |
| SCHNEIDER, GISBERT            | 2,949,934 | SOLDNER, NICHOLAS        |           | SUN, JIYUAN             | 2,957,320 |
| SCHOELKOPF, JOACHIM           | 2,951,344 | CHARLES                  | 2,955,832 | SUNDELIN, NILS ANDERS   | 2,954,913 |
| SCHONFELD, KURT               | 2,951,355 | SOLETANCHE FREYSSINET    |           | SUZHOU ZELGEN           |           |
| SCHONHABER, MARTINA           | 2,950,228 | S.A.S.                   | 2,950,480 | BIOPHARMACEUTICALS      |           |
| SCHORR, AARON                 | 2,953,074 | SOMUAH, HENRY HOOPER     | 2,954,511 | CO., LTD.               | 2,956,773 |
| SCHORR, AARON                 | 2,953,082 | SONNTAG, PHILIPPE        | 2,951,376 | SWAIN, NIGEL ALAN       | 2,950,393 |
| SCHULZ, VALENTIN              | 2,955,702 | SONY CORPORATION         | 2,957,181 | SWANSON, JOEL E.        | 2,956,826 |
| SCHULZ, VALENTIN              | 2,955,732 | SOPPE, ALFRED            | 2,957,320 | SWEENEY, MATTHEW        | 2,957,054 |
| SCHWARTZ, BINYAMIN            | 2,953,074 | SOTO-PRIANTE, ERNESTO    | 2,956,997 | SWIETOSLAWSKI, JANUSZ   | 2,956,838 |
| SCHWARTZ, BINYAMIN            | 2,953,082 | SOUDAGAR, YASAMAN        | 2,956,779 | SYED, SAAD              | 2,954,262 |
| SCHWARTZ, ROBERT              | 2,956,945 | SPANKA, CARSTEN          | 2,950,724 | SYNAPTIVE MEDICAL       |           |
| SCHWARZ, ULRICH W.            | 2,950,517 | SPERBER, ROLF            | 2,950,228 | (BARBADOS) INC.         | 2,957,091 |
| SDS BIOTECH K.K.              | 2,957,207 | SPINAL ELEMENTS, INC     | 2,957,241 | SYNERGIE-INVEST GMBH &  |           |
| SEGAT, MATTEO                 | 2,950,394 | SPRINGER, JAMES J.       | 2,957,225 | CO. KG                  | 2,950,332 |
| SEIDEL, REINHARD              | 2,953,199 | SREEDHAR, BALAMURALI     | 2,952,149 | SYQE MEDICAL LTD.       | 2,953,074 |
| SEKI, MUTSUMI                 | 2,957,313 | STAELS, BART             | 2,950,357 | SYQE MEDICAL LTD.       | 2,953,082 |
| SEKIGUCHI, KAZUTOSHI          | 2,957,312 | STAGER, EDWARD           | 2,957,319 | SZALATA, FRANCOIS       | 2,953,252 |
| SELWOOD, DAVID                | 2,949,435 | STAHLER, GREG (DECEASED) | 2,956,797 | TABASH, SAMIR P.        | 2,957,240 |
| SEMINGSON, TAYLOR             | 2,957,241 | STAHR, LARS              | 2,956,237 | TAIPEI MEDICAL          |           |
| SFS INTEC HOLDING AG          | 2,953,034 | STAM, WALTER             | 2,956,239 | UNIVERSITY              | 2,956,808 |
| SGC ENERGIA CO LLC            | 2,950,288 | STANFILL, CRAIG W.       | 2,956,216 | TAKAGI, NAOYUKI         | 2,953,299 |
| SGC ENERGIA CO LLC            | 2,950,291 | STANTON, TIMOTHY F.      | 2,957,225 | TAKAHASHI, MASAYOSHI    | 2,956,891 |
| SGC ENERGIA CO LLC            | 2,951,037 | STAYFUL.COM, INC.        | 2,957,124 | TAKAHASHI, MASAYOSHI    | 2,956,894 |
| SGUASSERO, STEFANO            | 2,949,433 | STEALTH BIOTHERAPEUTICS  |           | TAKAHASHI, SATOSHI      | 2,957,271 |
| SHAKUNTABAI, ANAVAJ           | 2,952,531 | CORP                     | 2,950,410 | TAKAMI, NOBUO           | 2,957,255 |
| SHAPIRO, GIDEON               | 2,950,285 | STEELE, ROBERT MATTHIAS  | 2,953,969 | TAKEDA PHARMACEUTICAL   |           |
| SHARKLET TECHNOLOGIES, INC.   | 2,956,804 | STEEMAN, REINARD JOZEF   |           | COMPANY LIMITED         | 2,956,554 |
| SHARP KABUSHIKI KAISHA        | 2,957,186 | MARIA                    | 2,953,228 | TAKEDA PHARMACEUTICAL   |           |
| SHAW, WALTER                  | 2,956,960 | STEFFANUT, PASCAL        | 2,952,892 | COMPANY LIMITED         | 2,957,000 |
| SHELBY, KEVIN A.              | 2,956,957 | STEIN, ALAN EDWARD       | 2,953,103 | TAKEMOTO, SHINICHIROU   | 2,956,995 |
| SHELL INTERNATIONALE RESEARCH |           | STELLA & DOT LLC         | 2,956,967 | TAKETA, ICHIRO          | 2,957,157 |
| MAATCSHAPPIJ B.V.             | 2,956,239 | STELLING, BERND          | 2,953,029 | TAKIEDDINE, RAMZI       | 2,948,885 |
| SHELL INTERNATIONALE RESEARCH |           | STELLY, JOHN ERICK       | 2,957,022 | TAMBLING, TROY M.       | 2,953,116 |
| MAATSCHAPPIJ B.V.             |           | STELTZ, ERIK             | 2,953,389 | TAN, YU LEE             | 2,956,884 |
| MAATSCHAPPIJ B.V.             |           | STENGELIN, SIEGFRIED     | 2,951,077 | TAN-KIM, ALEXANDRE      | 2,952,914 |
| SHERMAN, FAIZ FEISAL          | 2,953,033 | STERLING, THOMAS         | 2,953,999 | TANGY, FREDERIC         | 2,952,531 |
| SHERMAN, FAIZ FEISAL          | 2,949,123 | STEVEN, CHRISTOPH        | 2,957,277 | TANZER, DAVID J.        | 2,953,263 |
| SHERMAN, FAIZ FEISAL          | 2,953,062 | STEVENS, JAMES P.        | 2,956,793 | TAPE, DANIEL TERENCE    | 2,950,033 |
| SHIROFF, JASON ALAN           | 2,953,231 | STEYER, RALF             | 2,953,034 | TEIJIN PHARMA LIMITED   | 2,956,553 |
| SHOOT HUNTING OUTDOOR         | 2,954,968 | STIBILJ, PAUL            | 2,956,843 | TENENBAUM, FABIAN       | 2,956,879 |
|                               | 2,945,685 | STITES, JONATHAN         | 2,956,925 | TERRESTRIAL ENERGY INC. | 2,957,259 |
|                               |           | STORA ENSO OYJ           | 2,957,254 |                         |           |

## Index of PCT Applications Entering the National Phase

|  |           |  |                        |   |           |
|--|-----------|--|------------------------|---|-----------|
| TESSIER, CLEMENCE ANNE<br>JEANNE MARIE   | 2,950,527 | THEOHARIS, STEFANOS<br>THERMODYN SAS             | 2,956,987<br>2,952,533 | UNIVERSITE D'AIX<br>MARSEILLE                                       | 2,953,247 |
| TETREAUULT, MICHAEL  | 2,957,280 | THYSSENKRUPP AG                                  | 2,950,379              | UNIVERSITE DE LILLE 2   |           |
| THALES   | 2,953,247 | TM4 INC.   | 2,956,231              | DROIT ET SANTE  | 2,950,357 |
| THE CLIMATE CORPORATION  | 2,957,081 | TOLOSA, LEAH                                     | 2,956,924              | UNIVERSITE DE<br>MONTPELLIER  |           |
| THE DIABETIC BOOT<br>COMPANY LTD.  | 2,950,856 | TOLOSA, MICHAEL                                  | 2,956,924              | UNIVERSITE DE<br>MONTPELLIER I                                      | 2,956,770 |
| THE JOHNS HOPKINS<br>UNIVERSITY  | 2,957,025 | TONGTAI MACHINE & TOOL<br>CO., LTD.              | 2,956,848              | UNIVERSITE DU DROIT ET DE<br>LA SANTE LILLE 2                       | 2,957,012 |
| THE LUBRIZOL<br>CORPORATION  | 2,950,571 | TONN, TORSTEN                                    | 2,956,849              | UNIVERSITY OF FLORIDA   |           |
| THE PATENT WELL LLC  | 2,957,015 | TONYALI, KOKSAL                                  | 2,951,355              | RESEARCH  |           |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,948,885 | TORAY INDUSTRIES, INC.                           | 2,957,023              | FOUNDATION, INC.  | 2,956,804 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,948,889 | TORAY INDUSTRIES, INC.                           | 2,957,157              | UNIVERSITY OF FLORIDA   |           |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,949,113 | TOTAL RAFFINAGE CHIMIE<br>TECHNOLOGIES, LLC      | 2,957,267<br>2,949,440 | RESEARCH  |           |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,949,123 | TRACY, COOPER N.                                 | 2,957,179              | FOUNDATION, INC.  | 2,957,211 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,950,076 | TRAN, KEVIN                                      | 2,956,691              | UNIVERSITY OF KANSAS  | 2,957,071 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,950,866 | TRAUGER, JOHN                                    | 2,956,924              | UNIVERSITY OF LEICESTER   | 2,953,238 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,950,895 | TREASURE8 LLC                                    | 2,957,219              | UNIVERSITY OF<br>MARYLAND,<br>BALTIMORE                             | 2,956,958 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,950,901 | TREECE, THOMAS Z.                                | 2,956,053              | UNIVERSITY OF<br>SOUTHAMPTON  | 2,951,208 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,953,062 | TRICORD HOLDINGS, L.L.C.                         | 2,950,944              | UNIVERSITY OF TENNESSEE   |           |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,953,114 | TRIEU, VUONG                                     | 2,956,945              | RESEARCH  |           |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,953,231 | TRIEU, VUONG                                     | 2,956,897              | FOUNDATION  | 2,956,820 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,953,952 | TRINITY NORTH AMERICAN<br>FREIGHT CAR, INC.      | 2,956,899              | URBAN, RYAN JACOB   | 2,957,018 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,956,793 | TRUSTEES OF THE<br>UNIVERSITY OF<br>PENNSYLVANIA | 2,953,056              | URBAN, RYAN JACOB   | 2,957,020 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,956,053 | TSAI, TSUNGHSIEN                                 | 2,957,211              | USTAV ORGANICKE CHEMIE<br>A BIOCHEMIE<br>AKADEMIE VED CR,<br>V.V.I. | 2,957,286 |
| THE PROCTER & GAMBLE<br>COMPANY  | 2,956,085 | TSAI, TSUNGHSIEN                                 | 2,956,848              | UWM RESEARCH  |           |
| THE SALFORD VALVE<br>COMPANY   | 2,950,387 | TSUNODA, TAKESHI                                 | 2,956,849              | FOUNDATION, INC.  | 2,956,926 |
| THE TRUSTEES OF<br>COLUMBIA UNIVERSITY<br>IN THE CITY OF NEW<br>YORK   | 2,954,616 | TYCO FIRE & SECURITY<br>GMBH                     | 2,952,894              | VAN BEELEN, PETRUS<br>NORBERTUS                                     |           |
| THE UNITED STATES OF<br>AMERICA, AS<br>REPRESENTED BY THE<br>SECRETARY OF<br>AGRICULTURE                                 | 2,954,646 | TYCO FIRE & SECURITY<br>GMBH                     | 2,950,753              | VAN DER PLOEG, ANTJE<br>TJITSKE                                     | 2,951,350 |
| THE UNITED STATES OF<br>AMERICA, AS<br>REPRESENTED BY THE<br>SECRETARY,<br>DEPARTMENT OF<br>HEALTH AND HUMAN<br>SERVICES | 2,954,666 | TYCO FIRE & SECURITY<br>GMBH                     | 2,954,501              | VAN DER PLOEG, ANTJE<br>TJITSKE                                     | 2,950,878 |
| THE UNITED STATES OF<br>AMERICA, AS<br>REPRESENTED BY THE<br>SECRETARY,<br>DEPARTMENT OF<br>HEALTH AND HUMAN<br>SERVICES | 2,954,696 | TYCO FIRE PRODUCTS LP                            | 2,950,753              | VAN DER WAL, ERIK   | 2,950,876 |
| THE UNITED STATES OF<br>AMERICA, AS<br>REPRESENTED BY THE<br>SECRETARY,<br>DEPARTMENT OF<br>HEALTH AND HUMAN<br>SERVICES | 2,954,726 | UBER TECHNOLOGIES, INC.                          | 2,957,031              | VAN DER WAL, ERIK   | 2,950,878 |
| THE UNIVERSITY OF<br>MEMPHIS   | 2,954,756 | UBER TECHNOLOGIES, INC.                          | 2,957,054              | VAN DOORN, GLENN  | 2,950,332 |
| THELIN, JORGEN   | 2,954,786 | UCL BUSINESS PLC                                 | 2,949,435              | VAN HERWIJNEN, ZEGER  |           |
|  | 2,954,816 | UENO, HIDEKI                                     | 2,957,314              | OTTO  | 2,955,716 |
|  | 2,954,846 | UHDE FERTILIZER<br>TECHNOLOGY B.V.               | 2,950,753              | VAN HOORICK, DIANE  | 2,951,443 |
|  | 2,954,876 | UIL, TACO GILLES                                 | 2,951,351              | VAN HOUTEN, YVONNE  |           |
|  | 2,954,906 | ULTRA-MEK, INC.                                  | 2,957,289              | MARIA   | 2,955,716 |
|  | 2,954,936 | UNGEWISS, JAN                                    | 2,949,936              | VANHOVE, BERNARD  | 2,953,279 |
|  | 2,954,966 | UNICK CORPORATION                                | 2,956,781              | VANMARCKE, LUC  | 2,950,823 |
|  | 2,954,996 | UNILEVER PLC                                     | 2,953,273              | VASQUES, RICARDO REVES  | 2,950,379 |
|  | 2,955,026 | UNITED STATES GYPSUM<br>COMPANY                  | 2,949,951              | VAYSER, ALEX  | 2,956,237 |
|  | 2,955,056 | UNIVERSAL CITY STUDIOS<br>LLC                    | 2,955,776              | VELANO VASCULAR, INC.   | 2,956,796 |
|  | 2,955,086 | UNIVERSIDAD AUTONOMA<br>DE MADRID                | 2,950,348              | VELTEK ASSOCIATES, INC.   | 2,956,973 |
|  | 2,955,116 | UNIVERSIDADE DE<br>SANTIAGO DE<br>COMPOSTELA     | 2,950,478              | VEMISHETTI, KAVITA  | 2,957,083 |
|  | 2,955,146 | UNIVERSITAT BERN                                 | 2,950,354              | VENET, VALERIE  | 2,952,921 |
|  |           |  |                        | VENKATARAMAN,<br>SASHIKUMAR   | 2,950,471 |
|  |           |  |                        | VENKATESHWARAN,<br>RATHINASABAPATHY                                 | 2,954,206 |
|  |           |  |                        |   | 2,950,533 |

## Index des demandes PCT entrant en phase nationale

|   |           |                                       |           |                            |           |
|---|-----------|---------------------------------------|-----------|----------------------------|-----------|
| VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT | 2,951,100 | WEST, CHRISTOPHER WILLIAM             | 2,950,393 | YURKOVETSKIY, ALEKSANDR V. | 2,950,934 |
| VEPURI, KALYAN C.                             | 2,957,272 | WESTERN SAW MANUFACTURERS, INC.       | 2,956,543 | ZACCHIO, JOSEPH            | 2,955,832 |
| VERDONCK, FRANK KAMIEL DELPHINA               | 2,951,443 | WEXLER, FRANKLIN CARTER               | 2,957,318 | ZACH, MARCO                | 2,953,034 |
| VERSAGEN, ANTOON MARIA                        | 2,953,228 | WHALE, ERIC                           | 2,952,903 | ZAJACZKOWSKI, MICHAEL      | 2,952,825 |
| VERTEX PHARMACEUTICALS INCORPORATED           | 2,950,587 | WHITE, DAVID W.                       | 2,957,070 | ZALESKI, CHRISTOPHER       | 2,953,238 |
| VIENNOIS, EMILIE                              | 2,950,007 | WHITE, JAY A.                         | 2,957,240 | ZARANDIOON, SAMAN          | 2,953,969 |
| VIENS, GERARD A.                              | 2,948,889 | WHITEKER, GREGORY T.                  | 2,957,187 | ZETTERQUIST, MARTIN        | 2,952,827 |
| VIGLIANTI, FRANCESCO                          | 2,956,552 | WHITMAN, DOUG                         | 2,956,812 | ZHANG, CONGCONG            | 2,951,355 |
| VISCARDI, CARLO FELICE                        | 2,949,433 | WHITTAKER, PAUL ANDREW                | 2,950,527 | ZHANG, LIPENG              | 2,956,847 |
| VITO NV                                       | 2,954,210 | WIERCX, JOHANNES ALBERTUS LOUIS MARIE | 2,953,279 | ZHANG, TAO                 | 2,956,977 |
| VITRANO, MICHAEL D.                           | 2,953,137 | WILK, DEBORA                          | 2,957,302 | ZHANG, ZACH                | 2,955,822 |
| VOELKER, HERMANN                              | 2,953,234 | WILLIAMS, JACQUELINE N.               | 2,957,225 | ZHAO, PENGXIANG            | 2,955,822 |
| VOLA, MARCO                                   | 2,953,211 | WILLIAMS, SHAZAM                      | 2,956,765 | ZHENG, DEZHI               | 2,956,837 |
| VON HEIFNER, CHRISTIAN                        | 2,957,272 | WILSON, D. TRAVIS                     | 2,950,410 | ZHENG, FRANK               | 2,955,822 |
| VORDERKUNZ, KRISTIN                           | 2,956,910 | WINGREN, CHRISTER LARS BERTIL         | 2,950,047 | ZHENG, HAOHUA              | 2,957,038 |
| VORDERKUNZ, KRISTIN                           | 2,956,911 | WIRTH, SIGRID                         | 2,951,346 | ZHENG, JIE                 | 2,951,386 |
| VORECHOVSKY, IGOR                             | 2,951,208 | WM & DG, INC.                         | 2,957,220 | ZHENG, TIANMING            | 2,953,969 |
| VOZNESENSKY, ANDREI IGOREVICH                 | 2,957,219 | WOBBEN PROPERTIES GMBH                | 2,952,899 | ZHENG, YUEQIN              | 2,950,007 |
| VRANJES, MIRON                                | 2,954,913 | WONG, BING LOU                        | 2,953,173 | ZHOU, LIN                  | 2,957,038 |
| VTECH ELECTRONICS, LTD.                       | 2,957,265 | WONG, ERIC K.                         | 2,956,695 | ZHOU, QIONG                | 2,950,669 |
| VU, TONY                                      | 2,956,893 | WONG, WAI SING                        | 2,957,265 | ZHU, CHANGFANG             | 2,954,855 |
| VUAB PHARMA A.S.                              | 2,957,290 | WORLEY, MATTHEW I.                    | 2,954,913 | ZHU, LINGDONG              | 2,950,466 |
| VUCENIC, NIK                                  | 2,956,845 | WOVEN ORTHOPEDIC TECHNOLOGIES, LLC    | 2,956,927 | ZHU, ROBERT                | 2,955,822 |
| WADA, HIROSHI                                 | 2,957,207 | WREN, PAUL BRYAN                      | 2,950,466 | ZHUO, DONGHUI              | 2,953,969 |
| WAGNER, ADAM                                  | 2,954,316 | WRIGHT, ALAN EDWARD                   | 2,957,070 | ZOU, DEYU                  | 2,955,624 |
| WAGNER, MICHAEL                               | 2,951,077 | WRIGHT, ERIC E.                       | 2,957,162 | ZURAWSKI, SANDRA           | 2,957,314 |
| WAI, NORMAN FUNG MAN                          | 2,953,173 | WUBBEN, ANTONIUS LEONARDUS MARIA      | 2,953,033 | ZILLES, GERALD             | 2,956,786 |
| WAITTIME, LLC                                 | 2,953,999 | WUBBEN, ANTONIUS LEONARDUS MARIA      | 2,956,239 | ZIRK, RANDY                | 2,954,616 |
| WALL, JONATHAN S.                             | 2,956,820 | WYART, HERVE                          | 2,950,520 | ZOPPAS, MATTEO             | 2,950,394 |
| WALTER SURFACE TECHNOLOGIES INC.              | 2,957,310 | WYNNE, ANDREW                         | 2,953,273 | ZOU, DEYU                  | 2,955,624 |
| WALTZ, STEPHEN W.                             | 2,956,826 | XCEDE TECHNOLOGIES, INC.              | 2,956,693 | ZURAWSKI, SANDRA           | 2,957,314 |
| WAN, JULIN                                    | 2,955,692 | XIA, JILIANG                          | 2,953,278 |                            |           |
| WANG, BINGHE                                  | 2,950,007 | XIANG, TIANCHENG                      | 2,957,038 |                            |           |
| WANG, DANZHU                                  | 2,950,007 | XU, ZHONGMIAO                         | 2,950,466 |                            |           |
| WANG, GUANGYI                                 | 2,957,017 | XYLEM IP MANAGEMENT S.A.              |           |                            |           |
| WANG, HAILING                                 | 2,956,988 | R.L.                                  | 2,952,827 |                            |           |
| WANG, JIAN                                    | 2,953,116 | YAMABE, JUNJI                         | 2,957,255 |                            |           |
| WANG, KAIQIAN                                 | 2,956,988 | YAMAGUCHI, TATSUKI                    | 2,957,271 |                            |           |
| WANG, KAIZHAN                                 | 2,956,847 | YAMAJUKU, DAISUKE                     | 2,957,313 |                            |           |
| WANG, SHUO                                    | 2,956,982 | YAMAMOTO, KEIICHI                     | 2,956,888 |                            |           |
| WANG, SHUO                                    | 2,956,988 | YAMAUCHI, BRIAN                       | 2,953,389 |                            |           |
| WATANABE, HIROBUMI                            | 2,956,793 | YAN, LAIBIN BRUCE                     | 2,953,364 |                            |           |
| WATERMAN, ALISA K.                            | 2,951,443 | YANG, PAN-CHYR                        | 2,956,808 |                            |           |
| WAY, BRYCE A.                                 | 2,956,786 | YANG, TING                            | 2,950,466 |                            |           |
| WAYNE, DAVID                                  | 2,956,796 | YAP, FUNG LING                        | 2,949,113 |                            |           |
| WEBER, CHRISTA                                | 2,953,228 | YARDEN, YOSEF                         | 2,952,961 |                            |           |
| WEGNER, JOSEPH R.                             | 2,956,935 | YASSINE, HADI M.                      | 2,950,085 |                            |           |
| WEINBERG, AVRAHAM                             | 2,956,036 | YAZDANPANAH, MAHDI                    | 2,949,440 |                            |           |
| WEINBERG-SEHAYEK, NOAM                        | 2,956,036 | YEDA RESEARCH AND                     |           |                            |           |
| WEITZ-SCHMIDT, GABRIELE                       | 2,949,934 | DEVELOPMENT CO. LTD.                  | 2,952,961 |                            |           |
| WELLTEC A/S                                   | 2,956,237 | YEH, SHAUH-DER                        | 2,956,808 |                            |           |
| WELS, WINFRIED                                | 2,951,355 | YEN, JUIHSIUNG                        | 2,956,848 |                            |           |
| WELTON, NICKOLAS D.                           | 2,954,663 | YEN, JUIHSIUNG                        | 2,956,849 |                            |           |
| WEN, RONGHUI                                  | 2,957,262 | YIN, ZHANPING                         | 2,957,186 |                            |           |
| WENDT, GREG                                   | 2,957,070 | YIN, ZHIHUI                           | 2,957,085 |                            |           |
| WESSINGER, AMANDA L.                          | 2,956,935 | YOSHIDA, TOHRU                        | 2,956,811 |                            |           |
|   |           | YU, XIAOJING                          | 2,956,988 |                            |           |

# Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

|                                  |           |                                      |           |                            |           |
|----------------------------------|-----------|--------------------------------------|-----------|----------------------------|-----------|
| AGARWAL, SHRUTI                  | 2,956,841 | JOHNSON, MATTHEW A.                  | 2,956,505 | TOMSO, DANIEL J.           | 2,956,841 |
| AJMAL, KHAN                      | 2,952,770 | KAMINSKI, MARCIN M.                  | 2,952,790 | UNITED PARCEL SERVICE OF   |           |
| AMERICAN STERILIZER COMPANY      | 2,955,990 | KLINGENBERG, ROBERT                  | 2,957,133 | AMERICA, INC.              | 2,957,133 |
| ANDARAWIS, EMAD ANDARAWIS        | 2,956,948 | KLINGENBERG, ROBERT                  | 2,957,135 | UNITED PARCEL SERVICE OF   |           |
| ASHER, JOSEPH M.                 | 2,956,673 | KOLK, DANIEL P.                      | 2,957,197 | AMERICA, INC.              | 2,957,135 |
| ATHENIX CORPORATION              | 2,956,841 | KOUADA, IBRAHIM                      | 2,956,948 | USAMI, TETSURO             | 2,950,488 |
| BAKER, JONATHAN P.               | 2,956,164 | ISSOUFOU                             | 2,952,790 | VOLRATH, SANDRA            | 2,956,841 |
| BALASUBRAMANIAM, MAHADEVAN       | 2,956,948 | KRAMMER, PETER                       | 2,928,169 | W.L. GORE & ASSOCIATES,    |           |
| BECKER, MICHAEL M.               | 2,957,197 | KWON, EDDIE                          | 2,957,197 | INC.                       | 2,956,505 |
| BLOUIN, ALAIN                    | 2,949,425 | LAM, WAI-CHUNG                       | 2,957,197 | WEAST, AARON B.            | 2,955,632 |
| BRENTANO, STEVEN T.              | 2,957,197 | LINNEN, JEFFREY M.                   | 2,957,200 | WU, WEN                    | 2,957,200 |
| BRODKIN, DMITRI                  | 2,952,770 | LIVEZEY, KRISTIN W.                  | 2,957,197 | YIRAVA, WILLIAM A.         | 2,955,990 |
| CANTOR INDEX LLC                 | 2,956,673 | LOWELL, JOHN RUBRECHT                | 2,928,169 | YOSHINO KOGYOSHO CO., LTD. |           |
| CARRISON, HAROLD                 | 2,957,010 | MATHUR, NIPUN                        | 2,956,750 |                            | 2,950,488 |
| CHAN, DAVID SO KEUNG             | 2,956,948 | MCKIBBEN, AARON PATRICK              | 2,957,147 |                            |           |
| CHEN, LIANG                      | 2,954,722 | MESCHTER, JAMES                      | 2,955,632 |                            |           |
| CREGGER, TRICIA A.               | 2,955,990 | MOLYNEUX, JAMES                      | 2,955,632 |                            |           |
| DAMAZO, JASON SCOTT              | 2,928,169 | NATIONAL RESEARCH COUNCIL CANADA     | 2,949,425 |                            |           |
| DARBY, PAUL M.                   | 2,957,200 | NIKE INNOVATE C.V.                   | 2,955,632 |                            |           |
| DASGUPTA, SAMHITA                | 2,956,948 | OWENS CORNING                        |           |                            |           |
| DAUGELA, DARCY                   | 2,949,425 | INTELLECTUAL CAPITAL, LLC            | 2,954,722 |                            |           |
| DAY, ARTHUR C.                   | 2,928,169 | PAPROSKI, RICHARD                    | 2,949,425 |                            |           |
| DENNIS, GEOFFREY G.              | 2,957,200 | PATEL, SAMIT                         | 2,957,010 |                            |           |
| DESAI, NALINI                    | 2,956,841 | PELLEGRINO, RICHARD                  | 2,957,010 |                            |           |
| DEUTSCHES KREBSFORSCHUNGSZENTRUM |           | POLLNER, REINHOLD B.                 | 2,957,200 |                            |           |
| DONALD, ANDREW                   | 2,952,790 | RELIEVANT MEDSYSTEMS, INC.           | 2,957,010 |                            |           |
| DOWN, JOHN HARRY                 | 2,956,736 | REN, ZHIYUAN                         | 2,956,948 |                            |           |
| DUFORD, DAVID                    | 2,956,948 | RICHES, GUY IAIN OLIVER              | 2,956,673 |                            |           |
| EICKHOFF, BRIAN CHRISTOPHER      | 2,949,425 | RITZBERGER, CHRISTIAN                | 2,952,770 |                            |           |
| EL HADDAD, JOSETTE               | 2,956,750 | RIZZO, JOE S.                        | 2,957,133 |                            |           |
| ESLER, DAVID RICHARD             | 2,956,750 | RIZZO, JOE S.                        | 2,957,135 |                            |           |
| FACEBOOK, INC.                   | 2,956,673 | SCHLAGE LOCK COMPANY LLC             | 2,952,770 |                            |           |
| FINDLAY, LEWIS C.                | 2,955,990 | SABSABI, MOHAMAD                     | 2,949,425 |                            |           |
| FRANCISKOVICH, PHILLIP P.        | 2,956,164 | SAMPSON, KIMBERLY S.                 | 2,956,841 |                            |           |
| FRONTIER WIND, LLC               | 2,956,750 | SAUER, SVEN W.                       | 2,952,790 |                            |           |
| GARCIA-MARTINEZ, ANTONIO FELIPE  | 2,956,673 | SCHLAGE LOCK COMPANY                 |           |                            |           |
| GEN-PROBE INCORPORATED           | 2,957,197 | LLC                                  | 2,957,147 |                            |           |
| GEN-PROBE INCORPORATED           | 2,957,200 | SCHRODER, ASTRID R. W.               | 2,957,197 |                            |           |
| GENERAL ELECTRIC COMPANY         | 2,956,948 | SCHWEIGER, MARCEL                    | 2,952,770 |                            |           |
| GULOW, KARSTEN                   | 2,956,750 | SHADDOCK, DAVID                      |           |                            |           |
| HARHIRA, AISSA                   | 2,952,790 | MULFORD                              | 2,956,948 |                            |           |
| HASZ, WAYNE CHARLES              | 2,949,425 | SHROFF, SUMEET                       | 2,957,133 |                            |           |
| HAUSLER, GERD                    | 2,956,948 | SHROFF, SUMEET                       | 2,957,135 |                            |           |
| HAWKINS, CHRISTOPHER             | 2,957,077 | SUNCOR ENERGY INC.                   | 2,956,736 |                            |           |
| HEINRICHS, VOLKER                | 2,954,722 | SYNCRUDE CANADA LTD. IN              |           |                            |           |
| HERNANDEZ-TORRES, JESUS          | 2,956,841 | TRUST FOR THE OWNERS OF THE          |           |                            |           |
| IVOCLAR VIVADENT AG              | 2,954,722 | SYNCRUE PROJECT AS SUCH OWNERS EXIST |           |                            |           |
|                                  | 2,952,770 | NOW AND IN THE FUTURE                | 2,949,425 |                            |           |
|                                  |           | THE BOEING COMPANY                   | 2,928,169 |                            |           |