

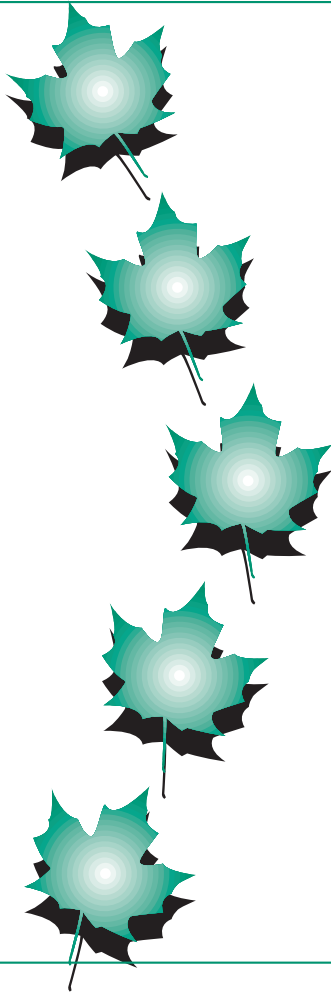


**Canadian  
Intellectual Property  
Office**

An Agency of  
Industry Canada

**Office de la propriété  
intellectuelle  
du Canada**

Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 131, No. 16 April 22, 2003

Vol. 131, N° 16 le 22 avril 2003

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Patent 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-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

### Important Notice to Subscribers

Since the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) or [strategis.ic.gc.ca/patents/record](http://strategis.ic.gc.ca/patents/record) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

Contact us:

Website: <http://cipo.gc.ca> under Contact Us, Request Information related to Intellectual Property

E-mail: [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Telephone: (819) 997-1936 (from 8:00 a.m. to 4:45 p.m. EST.)

Fax: (819) 953-7620 (operational 24 hours a day)

### Avis important aux abonnés

Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : [opic.gc.ca](http://opic.gc.ca) ou [strategis.ic.gc.ca/brevets/gazette](http://strategis.ic.gc.ca/brevets/gazette). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

Pour communiquer avec nous :

Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Téléphone : (819) 997-1936 (de 8h à 16h45 HNE)

Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	7
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	33
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	55
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	105
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	107
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	113
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	117
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	127

## 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] - Reissue Grant Date
- [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 en-têtes 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 en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [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] - Noms(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

A complete list of country codes has been published in the issue of November 12, 2002 and will be published twice a year in the last issues of April and October

### 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

### 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

### 5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at [www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 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-Hull, K1A 0C9.

### 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 12 novembre 2002 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

### 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

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

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

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 0.50\$ par page en visitant notre site web au [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

### 6. 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 .50\$ per page from the Patent Office.

### 7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, 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 on request.

### 8. 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-Hull, 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.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the 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 10 of these notices.

### 6. 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 expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 8. 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-Hull, 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.

### 9. 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. 10 des présents avis.

## Avis

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

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

**2,237,972**

**2,248,062**

**2,257,166**

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

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

**2,237,972**

**2,248,062**

**2,257,166**

### 11. Laid-Open Applications

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.

### 12. 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. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

### 12. Langue du document publié

Toute personne intéressée d'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.

## Notices

### 13. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF APRIL 15, 2003

1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	730.00
Amount for each additional sheet over 30	17.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	157.00
The maximum that can be charged for the Designation Fee is \$785.00; therefore, if more than 5 countries are designated the fee remains \$785.00	

4. <b>International Search Fee</b>	1,440.00
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of 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.

5. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
----------------------------	---

#### Preliminary Examination

6. <b>Handling Fee:</b> (Rule 57.2(a))	159 Euro Dollars
7. <b>Preliminary Examination Fee:</b> (Rule 58)	1,530 Euro Dollars

The Preliminary Examination Fees are payable in Euro Dollars and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

\* International fees will be reduced by \$224.00 for all applications filed using PCT-Easy.

### 13. Traité de coopération en matière de brevets (PCT)

#### BARÈME DE TAXES À PARTIR DU 15 AVRIL 2003

1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	730,00
Montant pour chaque feuille au delà de 30	17,00
3. <b>Taxe de désignation</b> (Règle 15.2(a))	157,00
Le maximum payable pour la taxe de désignation est de 785,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 785,00 \$.	

4. <b>Taxe de recherche internationale</b>	1 440,00
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 du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Générale du Canada.	

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à le payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
-------------------------------------	--

#### Examen préliminaire

6. <b>Taxe de traitement:</b> (Règle 57.2(a))	159 dollars euro
7. <b>Taxe d'examen préliminaire:</b> (Règle 58)	1 530 dollars euro

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets NE considérera PAS les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4889-2399-4465.

\*Les frais seront réduits par 224,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.



## Avis

### 14. PCT notices

#### **PCT Signature Requirements**

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

#### **Patent Cooperation Treaty (PCT)**

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO 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 -World Intellectual Property Organization 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 at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 14. Avis PCT

#### **Exigences des signatures du PCT**

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

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

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI 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 - Organisation mondiale de la propriété intellectuelle 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 à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

## Notices

### 15. Erratum

Please note that the following Patents were issued on April 15, 2003 but were not published.

---

[11] **2,228,045**  
[13] C  
[51] **Int.Cl. 7B65D71/58**  
[25] EN  
[54] **LOCK FOR BASKET STYLE CARRIER**  
[54] **FERMETURE POUR CARTONS D'EMBALLAGE**  
**PORTABLES DU TYPE PANIER**  
[72] HOLLEY, JOHN M., JR, US  
[72] THE MEAD CORPORATION  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1996-07-26  
[30] US (08/508,412)

---

[11] **2,357,419**  
[13] C  
[51] **Int.Cl. 7B60T3/00 7B32B3/02 7E01F13/02**  
[25] EN  
[54] **PARKING STOP MASE FROM RECYCLED TIRES**  
[54] **BUTOIR DE STATIONNEMENT FABRIQUE DE PNEUS**  
**RECYCLES**  
[72] BOVE, RICK L., US  
[72] BOVE, RICK L., US  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 2001-09-18

### 16. Canadian Laid-Open Applications

The Patent Office Record of April 22, 2003 contains laid-open applications from March 30, 2003 - April 5, 2003.

### 15. Erratum

Veillez noter que le brevets suivants ont été émis le 15 avril 2003 mais n'ont pas été publiés.

---

[11] **2,228,045**  
[13] C  
[51] **Int.Cl. 7B65D71/58**  
[25] EN  
[54] **LOCK FOR BASKET STYLE CARRIER**  
[54] **FERMETURE POUR CARTONS D'EMBALLAGE**  
**PORTABLES DU TYPE PANIER**  
[72] HOLLEY, JOHN M., JR, US  
[72] THE MEAD CORPORATION  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1996-07-26  
[30] US (08/508,412)

---

[11] **2,357,419**  
[13] C  
[51] **Int.Cl. 7B60T3/00 7B32B3/02 7E01F13/02**  
[25] EN  
[54] **PARKING STOP MASE FROM RECYCLED TIRES**  
[54] **BUTOIR DE STATIONNEMENT FABRIQUE DE PNEUS**  
**RECYCLES**  
[72] BOVE, RICK L., US  
[72] BOVE, RICK L., US  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 2001-09-18

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 30 mars 2003 - 5 avril 2003

## Avis

# Canadian Patents Issued

April 22, 2003

## Brevets canadiens délivrés

22 avril 2003

---

[11] **1,341,427**  
[13] C

[52] 195-1.235 195-1.22 530-13.00  
[51] **Int.Cl. 7A61K 39/395 7C12N 15/12 7C12P 21/02**  
[25] EN  
[54] **VARIANTS OF IMMUNOGLOBULIN GENE SUPERFAMILY MEMBER SOUS-ORDRE DES GENES D'IMMUNOGLOBULINES**  
[72] CAPON, DANIEL J., US  
[72] GREGORY, TIMOTHY J., US  
[73] GENENTECH, INC., US  
[21] **579,192**  
[22] 1988-10-03  
[30] US (07/104,329) 1987-10-02  
[30] US (250,785) 1988-09-28

---

[11] **2,022,436**  
[13] C

[51] **Int.Cl. 5C07D 311/16 5C07D 407/12 5C07F 7/18 5G01N 33/53 5G01N 33/58 5C12Q 1/68**  
[25] EN  
[54] **7-HYDROXY COUMARINS HAVING SUBSTITUTIONS IN THE 4 POSITION**  
[54] **COMPOSES A BASE DE COUMARINE 7-HYDROXY A SUBSTITUTION EN 4-POSITION**  
[72] BOUMA, STANLEY ROBERT, US  
[72] CELEBUSKI, JOSEPH E., US  
[73] ABBOTT LABORATORIES, US  
[22] 1990-08-01  
[30] US (394,052) 1989-08-17

---

[11] **2,027,055**  
[13] C

[51] **Int.Cl. 5B26D 5/02**  
[25] EN  
[54] **APPARATUS FOR POSITIONING DEVICES FOR OPERATING UPON SHEETS OR WEBS**  
[54] **MECANISME POSITIONNEUR DE DISPOSITIFS AGISSANT SUR DES FEUILLES OU DES TISSUS**  
[72] URBAN, ERNST-GUNTHER, DE  
[72] KNOLL, HEIKO-CHRISTIAN, DE  
[73] JAGENBERG AKTIENGESELLSCHAFT, DE  
[22] 1990-10-05  
[30] DE (P 39 38 278.8) 1989-11-17

---

[11] **2,027,833**  
[13] C

[51] **Int.Cl. 5A61L 27/00**  
[25] EN  
[54] **IMPLANT MATERIAL, METHOD FOR THE MANUFACTURE THEREOF AND PROCEDURE FOR THE APPLICATION OF THE MATERIAL**  
[54] **MATERIEL D'IMPLANT, METHODE DE FABRICATION ET MODE D'UTILISATION DE CE MATERIEL**  
[72] LARSSON, KARE, SE  
[72] HAKANSSON, HAKAN, SE  
[73] GS DEVELOPMENT AB, SE  
[22] 1990-10-17  
[30] US (424 417) 1989-10-20

---

[11] **2,034,717**  
[13] C

[51] **Int.Cl. 5C10M 107/04 5C08F 210/02 5C08F 220/02 5C08F 222/02 5C08L 33/02 5C10M 145/02 5C08L 23/04 5C08F 220/62**  
[25] EN  
[54] **DERIVATIZED ETHYLENE ALPHA-OLEFIN POLYMER USEFUL AS MULTIFUNCTIONAL VISCOSITY INDEX IMPROVER ADDITIVE FOR OLEAGINOUS COMPOSITION**  
[54] **DERIVE D'UN POLYMERE ALPHA-OLEFINIQUE DE L'ETHYLENE UTILISE COMME ADDITIF MULTIFONCTIONNEL POUR AMELIORER L'INDICE DE VISCOSITE DES COMPOSITIONS OLEAGINEUSES**  
[72] GUTIERREZ, ANTONIO, US  
[72] LUNDBERG, ROBERT DEAN, US  
[72] SONG, WON R., US  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
[22] 1991-01-22  
[30] US (473,628) 1990-02-01

---

[11] **2,041,299**  
[13] C

[51] **Int.Cl. 5G02B 6/44**  
[25] EN  
[54] **SPLICE TRAY AND METHOD**  
[54] **PLATINE D'ASSEMBLAGE DE FIBRES ET METHODE CONNEXE**  
[72] JUSTICE, BARBARA LYNN, US  
[72] RAIDER, WESLEY ALAN, US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1991-04-26  
[30] US (525,608) 1990-05-21

Canadian Patents Issued  
April 22, 2003

---

[11] **2,043,862**  
[13] C  
[51] **Int.Cl. 5G01N 33/544 5G01N 33/535 5G01N 33/82**  
[25] EN  
[54] **ASSAY FOR COBALAMINS**  
[54] **DETERMINATION DES COBALAMINES**  
[72] GARNER, WILLIAM D., US  
[72] CODACOV, LYNN MARIE, US  
[72] MATTINGLY, PHILLIP GREGORY, US  
[72] WELCH, CHRISTOPHER JOSEPH, US  
[72] KUEMMERLE, STEVEN C., US  
[72] DELBY, SUZANNE M., US  
[72] LANE, THERESA L., US  
[73] ABBOTT LABORATORIES, US  
[22] 1991-06-04  
[30] US (534,381) 1990-06-06

---

[11] **2,046,039**  
[13] C  
[51] **Int.Cl. 5C03B 37/05**  
[25] FR  
[54] **PROCEDE DE FORMATION DE FIBRES MINERALES**  
[54] **MINERAL FIBRE PRODUCING METHOD**  
[72] GIBOULT, ALAIN, FR  
[72] AUBE, JEAN-YVES, FR  
[72] SAINTE-FOI, DANIEL, FR  
[73] ISOVER SAINT-GOBAIN, FR  
[22] 1991-07-02  
[30] FR (90 08315) 1990-07-02

---

[11] **2,053,812**  
[13] C  
[51] **Int.Cl. 5A63F 1/00 5A63F 9/24 5G07F 17/32**  
[25] EN  
[54] **METHOD OF PLAYING A POKER-TYPE GAME AND APPARATUS THEREFOR**  
[54] **METHODE DE JEU DE TYPE POKER ET APPAREIL CONNEXE**  
[72] FULTON, STANLEY E., US  
[73] D. D. STUD, INC., US  
[22] 1991-10-21  
[30] US (07/605,443) 1990-10-30  
[30] US (07/764,629) 1991-09-24

---

[11] **2,054,463**  
[13] C  
[51] **Int.Cl. 5B65D 55/06**  
[25] EN  
[54] **TAMPER EVIDENT CONTAINER**  
[54] **CONTENANT INVIOLEABLE**  
[72] GAUDREAU, MARIO, CA  
[73] IPL INC., CA  
[22] 1991-10-30

---

[11] **2,054,602**  
[13] C  
[51] **Int.Cl. 5G01N 33/68 5G01N 33/50**  
[25] EN  
[54] **METHOD FOR ASSAYING FOR A SUBSTANCE THAT AFFECTS AN SH2-PHOSPHORYLATED LIGAND REGULATORY SYSTEM**  
[54] **METHODE DE DOSAGE D'UNE SUBSTANCE INFLUANT SUR UN SYSTEME DE REGULATION D'UN LIGAND PHOSPHORYLE DE TYPE SH2**  
[72] PAWSON, ANTHONY, CA  
[73] MOUNT SINAI HOSPITAL CORPORATION, CA  
[22] 1991-10-31

---

[11] **2,057,783**  
[13] C  
[51] **Int.Cl. 5B21D 43/08**  
[25] EN  
[54] **BENDING-SHAPING MACHINE FOR SECTIONS AND METHOD TO APPLY BENDS IN THE TRAILING END OF SECTIONS**  
[54] **CINTREUSE-FACONNEUSE POUR SECTIONS ET METHODE DE CINTRAGE DE L'EXTREMITE ARRIERE DES SECTIONS**  
[72] DEL FABRO, GIORGIO, IT  
[72] DEL FABRO, MARCELLO, IT  
[73] M.E.P. MACCHINE ELETTRONICHE PIEGATRICI S.P.A., IT  
[22] 1991-12-17  
[30] IT (83543 A/90) 1990-12-17

---

[11] **2,060,631**  
[13] C  
[51] **Int.Cl. 5C08F 212/08 5C08F 220/02 5D21H 21/16**  
[25] EN  
[54] **STYRENE/ACRYLIC-TYPE POLYMERS FOR USE AS SURFACE SIZING AGENTS**  
[54] **POLYMERES DE TYPE STYRENE/ACRYLIQUE POUR LE COLLAGE DU PAPIER**  
[72] DEPIERNE, OTTO S., US  
[72] DAUPLAISE, DAVID L., US  
[72] PROVERB, ROBERT J., US  
[73] BAYER CORPORATION, US  
[22] 1992-02-04  
[30] US (07/651,168) 1991-02-06

---

[11] **2,060,803**  
[13] C  
[51] **Int.Cl. 5A61K 7/075**  
[25] FR  
[54] **COMPOSITION DE LAVAGE A BASE D'HUILE HYDROCARBONNEE ET D'ALCOOLS GRAS A GROUPEMENTS ETHER ET/OU THIOETHER OU SULFOXYDE**  
[54] **WASHING COMPOSITION BASED ON HYDROCARBONATED OIL AND FATTY ALCOHOLS COMPRISING ETHER AND (OR) THIOETHER OR SULFOXIDE GROUPS**  
[72] DUBIEF, CLAUDE, FR  
[72] CAUWET, DANIELE, FR  
[73] L'OREAL, FR  
[22] 1992-02-06  
[30] FR (91 01330) 1991-02-06

---

[11] **2,061,520**  
[13] C  
[51] **Int.Cl. 5A61K 9/20 5A61K 47/12**  
[25] EN  
[54] **DELIVERY SYSTEM FOR ENHANCED ONSET AND INCREASED POTENCY**  
[54] **SYSTEME DE DELIVRANCE ACCELERANT L'EFFET ET ACCROISSANT LA PUISSANCE**  
[72] DAHER, LAWRENCE J., US  
[72] PAULOS, MANLEY A., US  
[73] BAYER CORPORATION, US  
[22] 1992-02-19  
[30] US (676,165) 1991-03-27

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,063,649**  
[13] C

[51] **Int.Cl. 5B65D 88/54 7B65G 53/18  
7B65G 53/20 7B65G 53/22 7B65G 53/66**  
[25] EN  
[54] **APPARATUS FOR AUTOMATIC  
LEVEL CONTROL IN A CLOSED  
CHANNEL OR CONTAINER FOR  
TRANSPORT AND/OR DISTRIBUTION  
OF FLUIDISABLE MATERIAL**  
[54] **APPAREIL DE REGULATION  
AUTOMATIQUE DU NIVEAU DANS UN  
CONTENANT POUR LE TRANSFERT  
OU LA DISTRIBUTION DE  
MATERIAUX FLUIDISABLES**  
[72] ENSTAD, GISLE GOTFRED, NO  
[72] NAGELL, BERNT, NO  
[73] NORSK HYDRO A.S., NO  
[22] 1992-03-20  
[30] NO (911178) 1991-03-25

---

[11] **2,066,159**  
[13] C

[51] **Int.Cl. 5G06F 15/18 5G05B 13/02  
5G06F 15/46**  
[25] EN  
[54] **ON-LINE TRAINING NEURAL  
NETWORK FOR PROCESS CONTROL**  
[54] **RESEAU NEURONAL  
D'APPRENTISSAGE EN DIRECT POUR  
LA COMMANDE DE PROCESSUS  
INDUSTRIEL**  
[72] SKEIRIK, RICHARD D., US  
[73] PAVILION TECHNOLOGIES, INC.,  
US  
[85] 1992-03-31  
[86] 1991-07-25 (PCT/US1991/005260)  
[87] (WO1992/002867)  
[30] US (07/563,092) 1990-08-03

---

[11] **2,066,458**  
[13] C

[51] **Int.Cl. 5G06F 15/18 5G05B 13/02  
5G06F 15/46**  
[25] EN  
[54] **COMPUTER NEURAL NETWORK  
PROCESS MEASUREMENT AND  
CONTROL SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE  
MESURE ET DE COMMANDE DE  
PROCESSUS INDUSTRIEL A RESEAU  
NEURONAL INFORMATISE**  
[72] SKEIRIK, RICHARD D., US  
[73] PAVILION TECHNOLOGIES, INC.,  
US  
[85] 1992-03-31  
[86] 1991-07-25 (PCT/US1991/005259)  
[87] (WO1992/002866)  
[30] US (07/563,095) 1990-08-03

---

---

[11] **2,068,630**  
[13] C

[51] **Int.Cl. 6A61K 38/48**  
[25] EN  
[54] **USE OF PROTEIN C OR  
ACTIVATED PROTEIN C**  
[54] **UTILISATION DE LA PROTEINE C  
OU DE LA PROTEINE C ACTIVEE**  
[72] EIBL, JOHANN, AT  
[72] PICHLER, LUDWIG, AT  
[72] SCHWARZ, HANS P., AT  
[73] IMMUNO AKTIENGESELLSCHAFT,  
AT  
[22] 1992-05-13  
[30] AT (A 991/91) 1991-05-14

---

[11] **2,071,148**  
[13] C

[51] **Int.Cl. 5F42B 1/02 5F42B 12/10**  
[25] FR  
[54] **ELEMENT PEU VULNERABLE DE  
MUNITION EXPLOSIVE  
COMPORTANT UN CHARGEMENT  
EXPLOSIF BI-COMPOSITION ET  
PROCEDE D'OBTENTION D'UN EFFET  
D'ECLATS**  
[54] **LOW RISK EXPLOSIVE ELEMENT  
COMPRISING A BI-COMPOSITION  
EXPLOSIVE CHARGE; METHOD FOR  
OBTAINING FLASHING EFFECTS**  
[72] NOUGUEZ, BRUNO, FR  
[72] FRECHE, ALAIN, FR  
[73] SNPE, FR  
[22] 1992-06-12  
[30] FR (91 07851) 1991-06-26

---

[11] **2,072,693**  
[13] C

[51] **Int.Cl. 5C08L 75/04 5C08J 5/08**  
[25] EN  
[54] **AQUEOUS TWO-COMPONENT  
POLYURETHANE-FORMING  
COMPOSITIONS AND A PROCESS FOR  
THEIR PREPARATION**  
[54] **COMPOSITIONS AQUEUSES A  
DEUX COMPOSANTES FORMANT DU  
POLYURETHANE ET PROCEDE POUR  
LEUR PREPARATION**  
[72] MARKUSCH, PETER H., US  
[72] TIRPAK, ROBIN E., US  
[72] ROSTHAUSER, JAMES W., US  
[73] BAYER CORPORATION, US  
[22] 1992-06-29  
[30] US (07/734,425) 1991-07-23

---

---

[11] **2,074,329**  
[13] C

[51] **Int.Cl. 5C09D 5/46**  
[25] EN  
[54] **POWDER COATING  
COMPOSITION CONTAINING A  
RESIN, A CURING AGENT AND ZINC**  
[54] **COMPOSITION DE POUDRAGE  
CONTENANT UNE RESINE, UN AGENT  
REACTIF ET DU ZINC**  
[72] DURAND, DOMINIQUE, FR  
[73] AKZO N.V., NL  
[22] 1992-07-21  
[30] EP (91201919.7) 1991-07-22

---

[11] **2,075,562**  
[13] C

[51] **Int.Cl. 5C10G 5/06**  
[25] FR  
[54] **PROCEDE DE FRACTIONNEMENT  
D'HUILE ET DE GAZ SUR UN  
EFFLUENT DE GISEMENT  
PETROLIER**  
[54] **OIL AND GAS FRACTIONATING  
PROCESS ON AN OIL POOL  
EFFLUENT**  
[72] LERMITE, CHRISTOPHE, FR  
[72] LARUE, JOSEPH, FR  
[72] ROJEY, ALEXANDRE, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 1992-08-07  
[30] FR (91/10 230) 1991-08-08

---

[11] **2,076,330**  
[13] C

[51] **Int.Cl. 5B24B 23/00**  
[25] EN  
[54] **DRYWALL SANDER  
MACHINE A PONCER LES MURS  
OU PANNEAUX DE GYPSE**  
[72] MATECHUK, WILLIAM, CA  
[73] MATECHUK, WILLIAM, CA  
[22] 1992-08-18  
[30] US (07/747,605) 1991-08-20

---

Canadian Patents Issued  
April 22, 2003

[11] 2,076,386  
[13] C

[51] Int.Cl. 5C12N 15/62 6C07K 19/00  
5C12N 15/11 5C12N 15/12 6C07K 16/28  
5C12N 15/56 5G01N 33/566 5C12Q 1/68  
6C07K 14/705 5G01N 33/74 5C12N 15/82  
5C12N 15/85

[25] EN  
[54] IDENTIFICATION AND  
EXPRESSION OF INSECT STEROID  
RECEPTOR DNA SEQUENCE  
[54] IDENTIFICATION ET  
EXPRESSION D'UNE SEQUENCE  
D'ADN D'INSECTE AYANT LES  
CARACTERISTIQUES DES  
RECEPTEURS STEROIDES D'INSECTE

[72] HOGNESS, DAVID S., US  
[72] KOELLE, MICHAEL R., US  
[72] SEGRAVES, WILLIAM A., US  
[73] BOARD OF TRUSTEES OF LELAND  
STANFORD JR. UNIVERSITY (THE), US  
[73] BOARD OF TRUSTEES OF LELAND  
STANFORD JR., UNIVERSITY (THE), US  
[85] 1992-08-19  
[86] 1991-02-15 (PCT/US1991/001189)  
[87] (WO1991/013167)  
[30] US (485,749) 1990-02-26

[11] 2,077,173  
[13] C

[51] Int.Cl. 5G09G 5/00 5G06F 13/14  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DIRECT MANIPULATION OF 3-D  
OBJECTS ON COMPUTER DISPLAYS  
[54] METHODE ET APPAREIL DE  
MANIPULATION DIRECTE D'OBJETS  
TRIDIMENSIONNELS SUR UN ECRAN  
D'ORDINATEUR

[72] CHEN, MICHAEL, US  
[72] HOUDE, STEPHANIE L., US  
[72] SEIDL, ROBERT H., US  
[73] APPLE COMPUTER, INC., US  
[22] 1992-08-28  
[30] US (796,198) 1991-11-22

[11] 2,077,622  
[13] C

[51] Int.Cl. 5E02D 5/80  
[25] EN  
[54] EARTH ANCHOR  
[54] ANCRAGE A TERRE  
[72] REMKE, MARK, US  
[72] CAMP, FRANK, JR., US  
[73] BETTER BILT PRODUCTS, INC., US  
[22] 1992-09-04  
[30] US (755,531) 1991-09-05

[11] 2,079,646  
[13] C

[51] Int.Cl. 5C07D 417/14 5C10M 133/16  
5C10M 135/36

[25] EN  
[54] SUCCINIMIDE DERIVATIVES OF  
2,5-DIMERCAPTO-1,3,4-THIADIAZOLE  
[54] DERIVES SUCCINIMIDE DU 2,5-  
DIMERCAPTO-1,3,4-THIADIAZOLE  
[72] KAROL, THOMAS J., US  
[73] VANDERBILT (R.T.) COMPANY,  
INC., US  
[22] 1992-10-01  
[30] US (07/770,000) 1991-10-02

[11] 2,080,134  
[13] C

[51] Int.Cl. 5A61L 2/06  
[25] EN  
[54] SPRAY TYPE RETORT  
STERILIZER  
[54] AUTOCLAVE STERILISANT A  
PULVERISATION

[72] YAMAMOTO, TUTOMU, JP  
[72] AOMORI, TAKASHI, JP  
[73] HISAKA WORKS LIMITED, JP  
[85] 1992-10-07  
[86] 1991-03-11 (PCT/JP1991/000331)  
[87] (WO1992/015335)

[11] 2,081,088  
[13] C

[51] Int.Cl. 5E01B 27/12  
[25] EN  
[54] TAMPING ASSEMBLY  
[54] GROUPE DE BOURRAGE  
[72] THEURER, JOSEF, AT  
[72] PEITL, FRIEDRICH, AT  
[72] PRASCHL, WILHELM, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 1992-10-21  
[30] AT (A 2125/91) 1991-10-24

[11] 2,081,187  
[13] C

[51] Int.Cl. 5H04B 7/26  
[25] EN  
[54] CALL ROUTING IN MOBILE  
TELEPHONE SYSTEMS  
[54] ACHEMINEMENT DES APPELS  
DANS LES SYTEMES DE TELEPHONIE  
MOBILE

[72] SAWYER, FRANCOIS, CA  
[72] PALMGREN, CHRISTER, SE  
[73] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[22] 1992-10-22  
[30] US (07/797,548) 1991-11-25

[11] 2,084,077  
[13] C

[51] Int.Cl. 5G02B 5/18 5G01J 3/00 5H04J  
14/02 5H01S 3/10 5G02B 6/34  
[25] EN  
[54] FIBER OPTICS SYSTEM  
[54] SYSTEME OPTIQUE DE FIBRES  
[72] LOWENHAR, HERMAN LEONARD,  
US

[72] HULLAND, BURTON LOUIS, US  
[73] KOL OHR CORPORATION, US  
[85] 1992-11-27  
[86] 1991-06-03 (PCT/US1991/003916)  
[87] (WO1991/020113)  
[30] US (534,710) 1990-06-06

[11] 2,084,741  
[13] C

[51] Int.Cl. 5B60C 11/11  
[25] EN  
[54] BLOCK PATTERN TIRE WITH  
OPTIMIZED GROOVE DEPTH RATIOS,  
SIPE DEPTH AND LENGTH RATIOS  
[54] PATRON DE BASE DE PNEU, AVEC  
RAPPORTS DE PROFONDEUR DES  
RAINURES, RAPPORTS DE  
PROFONDEUR ET LONGUEUR DES  
LAMELLES

[72] NUMATA, KAZUKI, JP  
[72] OCHIAI, KIYOSHI, JP  
[73] SUMITOMO RUBBER INDUSTRIES,  
LTD., JP  
[22] 1992-12-07  
[30] JP (3-359471) 1991-12-26  
[30] JP (3-359472) 1991-12-26

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,088,368**  
[13] C

[51] **Int.Cl. 5G01N 33/543 5G01N 33/58 5G01N 33/66**  
[25] EN  
[54] **ASSAY TECHNIQUE**  
[54] **TECHNIQUE**  
**D'IMMUNODETECTION**  
[72] ROBINSON, GRENVILLE ARTHUR, GB  
[72] HURRELL, JOHN GORDON ROWAN, US  
[73] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 1993-01-28  
[86] 1991-10-14 (PCT/GB1991/001781)  
[87] (WO1992/007266)  
[30] GB (9022304.1) 1990-10-15

---

[11] **2,089,209**  
[13] C

[51] **Int.Cl. 5B32B 7/08**  
[25] FR  
[54] **PROCEDE POUR LA**  
**REALISATION D'UNE ARMATURE DE**  
**FIBRES POUR PIECE DE MATIERE**  
**COMPOSITE, ET PIECE COMPOSITE**  
**COMPORTANT UNE TELLE**  
**ARMATURE**  
[54] **PROCESS FOR REALIZING A**  
**FIBER REINFORCEMENT FOR A**  
**COMPOSITE MATERIAL PART, AND**  
**COMPOSITE PART COMPRISING**  
**SUCH A REINFORCEMENT**  
[72] DARRIEUX, JEAN-LOUIS, FR  
[73] SOCIETE ANONYME DITE :  
AEROSPATIALE SOCIETE NATIONALE  
INDUSTRIELLE, FR  
[22] 1993-02-10  
[30] FR (92 01510) 1992-02-11

---

[11] **2,090,351**  
[13] C

[51] **Int.Cl. 5E21B 37/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR**  
**REMOVING DEBRIS FROM A WELL**  
**BORE**  
[54] **METHODE ET DISPOSITIF**  
**D'ENLEVEMENT DE DEBRIS DANS UN**  
**PUITS**  
[72] WILLIAMS, ROBERT M., US  
[72] DAVIS, BOB, US  
[73] WADA VENTURES, US  
[22] 1993-02-25  
[30] US (849,981) 1992-03-12

---

[11] **2,091,112**  
[13] C

[51] **Int.Cl. 5H04Q 5/18 5H04M 3/54**  
[25] EN  
[54] **SMART INTERNODAL TRANSFER**  
**FOR SUBSCRIBER ACCESS IN**  
**MULTINODE VOICE MESSAGING**  
**SYSTEMS**  
[54] **TRANSFERT INTERNODAL**  
**INTELLIGENT POUR L'ACCES AUX**  
**DONNEES DES SYSTEMES DE**  
**MESSAGERIE VOCALE MULTINOEUD**  
[72] MOWERY, FAYE, US  
[72] BLOHM, JEFFREY M., US  
[72] SCHMIDT, THOMAS R., US  
[73] ROLM SYSTEMS, US  
[22] 1993-03-05  
[30] US (07/847,777) 1992-03-09

---

[11] **2,091,678**  
[13] C

[51] **Int.Cl. 5C12N 7/01 5C12N 7/04**  
**5A61K 39/21 5A61K 39/245 5C12N 15/86**  
[25] EN  
[54] **VIRAL DEFECTIVE VACCINE**  
**PRODUCED BY**  
**TRANSCOMPLEMENTING CELL LINE**  
[54] **VACCIN VIRAL DEFECTUEUX**  
**PRODUIT PAR**  
**TRANSCOMPLEMENTATION D'UNE**  
**LIGNEE CELLULAIRE**  
[72] INGLIS, STEPHEN C., GB  
[72] BOURSNELL, MICHEAL E. G., GB  
[72] MINSON, ANTHONY C., GB  
[73] XENOVA RESEARCH LIMITED, GB  
[85] 1993-03-15  
[86] 1991-09-23 (PCT/GB1991/001632)  
[87] (WO1992/005263)  
[30] GB (9020799.4) 1990-09-25  
[30] GB (9104903.1) 1991-03-08

---

[11] **2,096,421**  
[13] C

[51] **Int.Cl. 5G02B 6/28 5H01P 5/12 5H01P**  
**3/20**  
[25] EN  
[54] **SIGNAL ROUTING DEVICE**  
[54] **DISPOSITIF D'ACHEMINEMENT**  
**DE SIGNAL**  
[72] JENKINS, RICHARD MICHAEL, GB  
[72] HEATON, JOHN MICHAEL, US  
[73] SECRETARY OF STATE FOR  
DEFENCE IN HER BRITANNIC  
MAJESTY'S GOVERNMENT OF THE  
UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND (THE), GB  
[85] 1993-05-17  
[86] 1991-12-02 (PCT/GB1991/002130)  
[87] (WO1992/011551)  
[30] GB (9027656.9) 1990-12-20

---

[11] **2,096,423**  
[13] C

[51] **Int.Cl. 5G02B 6/28**  
[25] EN  
[54] **OPTICAL DEVICE**  
[54] **DISPOSITIF OPTIQUE**  
[72] JENKINS, RICHARD MICHAEL, GB  
[72] DEVEREUX, ROBERT WILLIAM  
JOHN, GB  
[73] SECRETARY OF STATE FOR  
DEFENCE IN HER BRITANNIC  
MAJESTY'S GOVERNMENT OF THE  
UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND (THE), GB  
[85] 1993-05-17  
[86] 1991-12-02 (PCT/GB1991/002132)  
[87] (WO1992/011555)  
[30] GB (9027659.3) 1990-12-20

---

[11] **2,096,975**  
[13] C

[51] **Int.Cl. 5C12N 15/12 5C12P 21/08**  
**6C07K 16/18 5C12N 1/21 5A61K 39/395**  
**6C07K 14/435 5G01N 33/566 5C12N 15/62**  
[25] EN  
[54] **CELL STRESS**  
**TRANSCRIPTIONAL FACTORS**  
[54] **FACTEURS DE TRANSCRIPTION**  
**DES CONTRAINTES SUBIES PAR LES**  
**CELLULES**  
[72] WU, CARL, US  
[72] CLOS, JOACHIM, US  
[72] WESTWOOD, TIMOTHY J., US  
[72] RABINDRAN, SRIDHAR, US  
[73] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA, AS  
REPRESENTED BY THE SE CRETARY,  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES, US  
[85] 1993-05-25  
[86] 1991-11-22 (PCT/US1991/008592)  
[87] (WO1992/009617)  
[30] US (617,910) 1990-11-26

---



Canadian Patents Issued  
April 22, 2003

[11] 2,097,411  
[13] C

[51] Int.Cl. 5G08C 23/00  
[25] EN  
[54] REMOTE CONTROLLER AND METHOD FOR ASSIGNING TO SIGNALS PRIORITY BASED ON TYPE AND MANUFACTURER OF EQUIPMENT  
[54] DISPOSITIF DE COMMANDE A DISTANCE ET METHODE D'ETABLISSEMENT DES PRIORITES  
[72] TAKIGUCHI, IWAQ, JP  
[72] TAKAHASHI, TOSHIYUKI, JP  
[73] SONY CORPORATION, JP  
[22] 1993-05-31  
[30] JP (P04-182846) 1992-06-18

[11] 2,098,295  
[13] C

[51] Int.Cl. 5C12N 15/12 5C07H 21/00 5C12Q 1/02 5C12N 5/10 6C07K 16/28 5A61K 39/395 5G01N 33/566 5G01N 33/577 5G01N 33/60 6C07K 14/705  
[25] EN  
[54] G PROTEIN-COUPLED GLUTAMATE RECEPTORS  
[54] RECEPTEURS DE GLUTAMATE COUPLES A UNE PROTEINE G  
[72] MULVIHILL, EILEEN RANAE, US  
[72] HOUAMED, KHALED M., US  
[72] ALMERS, WOLFHARD, US  
[72] HAGEN, FREDERICK STAMNER, US  
[73] ZYMOGENETICS, INC., US  
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF WASHINGTON, US  
[85] 1993-06-11  
[86] 1991-12-12 (PCT/US1991/009422)  
[87] (WO1992/010583)  
[30] US (07/626,806) 1990-12-12  
[30] US (07/672,007) 1991-03-18  
[30] US (07/648,481) 1991-01-30

[11] 2,098,402  
[13] C

[51] Int.Cl. 5A61M 5/142  
[25] EN  
[54] INTRAVENOUS TUBE SAFETY APPARATUS  
[54] DISPOSITIF DE SECURITE POUR TUBE INTRAVEINEUX  
[72] MYREN, ERIC, US  
[73] BAXTER INTERNATIONAL INC., US  
[22] 1992-09-25  
[62] 2,095,857  
[30] US (7/765,755) 1991-09-26  
[30] US (7/884,498) 1992-05-15

[11] 2,098,657  
[13] C

[51] Int.Cl. 5B66B 21/12 5B66B 23/26  
[25] FR  
[54] ELEMENT DE TRANSPORTEUR A VITESSE VARIABLE EN PARTICULIER POUR TROTTOIRS ROULANTS ACCELERES  
[54] COMPONENT FOR VARIABLE SPEED TRANSPORTER, PARTICULARLY FOR ACCELERATING MOVING WALKWAY  
[72] PATIN, PIERRE, FR  
[73] CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE (CNIM), FR  
[22] 1993-06-17  
[30] FR (92 07709) 1992-06-24

[11] 2,101,075  
[13] C

[51] Int.Cl. 6C07K 7/06 5A61K 39/00 6A61K 38/08 5A61K 47/48  
[25] EN  
[54] PEPTIDES FOR THE TREATMENT OF CONDITIONS CAUSED BY HERPES VIRUS INFECTIONS  
[54] PEPTIDES POUR LE TRAITEMENT DES PATHOLOGIES CAUSEES PAR L'INFECTION DU VIRUS DE L'HERPES  
[72] PEDERSEN, OVE, DK  
[72] MACFADDEN, D.K., CA  
[73] ADVANCED IMMUNI T, INC., US  
[85] 1993-07-21  
[86] 1992-02-24 (PCT/DK1992/000053)  
[87] (WO1992/014751)  
[30] DK (0319/91) 1991-02-25

[11] 2,102,623  
[13] C

[51] Int.Cl. 5C12N 7/01 5A61K 39/285  
[25] EN  
[54] RECOMBINANT VIRUS EXPRESSING CARCINOEMBRYONIC ANTIGEN AND METHODS OF USE THEREOF  
[54] VIRUS RECOMBINANT EXPRIMANT UN ANTIGENE CARCINO-EMBRYONNAIRE ET METHODES D'UTILISATION  
[72] SCHLOM, JEFFREY, US  
[72] KANTOR, JUDITH, US  
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 1993-11-05  
[86] 1992-05-06 (PCT/US1992/003843)  
[87] (WO1992/019266)  
[30] US (695,024) 1991-05-06  
[30] US (879,649) 1992-05-06

[11] 2,105,591  
[13] C

[51] Int.Cl. 5B05C 5/02  
[25] EN  
[54] FLUID DISPENSING SYSTEM  
[54] SYSTEME DE DISTRIBUTION DE FLUIDE  
[72] KOBAK, ROGER L., US  
[72] YOUNT, GARY L., US  
[72] STIRBIS, JAMES S., US  
[72] WEIL, WILLIAM W., US  
[73] PREFERRED MACHINING CORPORATION, US  
[85] 1993-09-03  
[86] 1992-03-06 (PCT/US1992/001751)  
[87] (WO1992/015402)  
[30] US (666,656) 1991-03-08

[11] 2,105,607  
[13] C

[51] Int.Cl. 5G01P 15/08  
[25] EN  
[54] SHOCK DETECTOR AND DISTRESS BEACON FOR AN AIRCRAFT INCORPORATING SUCH A DETECTOR  
[54] DETECTEUR DE CHOC ET RADIOBALISE DE DETRESSE AERONAUTIQUE COMPORTANT UN TEL DETECTEUR  
[72] DUSART, GERARD, FR  
[73] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR  
[22] 1993-09-07  
[30] FR (92 10702) 1992-09-08

**Brevets canadiens délivrés  
22 avril 2003**

[11] **2,106,399**  
[13] C

[51] **Int.Cl. 5C23C 4/06 5C22C 21/00 5C22C 21/12**  
[25] FR  
[54] **ELEMENT DE PROTECTION THERMIQUE CONSTITUE PAR UN ALLIAGE D'ALUMINIUM QUASI-CRISTALLIN**  
[54] **THERMAL PROTECTION ELEMENT MADE OF A QUASICRYSTALLINE ALUMINUM ALLOY**  
[72] DUBOIS, JEAN-MARIE, FR  
[72] ARCHAMBAULT, PIERRE, FR  
[72] COLLERET, BERNARD, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 1993-08-19  
[86] 1992-12-17 (PCT/FR1992/001197)  
[87] (WO1993/013237)  
[30] FR (91/15866) 1991-12-20

[11] **2,108,997**  
[13] C

[51] **Int.Cl. 5H01J 61/56**  
[25] EN  
[54] **HIGH PRESSURE DISCHARGE LAMP HAVING OVERCURRENT FUSE PROTECTION**  
[54] **LAMPE A DECHARGE HAUTE PRESSION DOTEE D'UN FUSIBLE DE PROTECTION CONTRE LES SURINTENSITES**  
[72] RAVI, JAGANNATHAN, US  
[72] LUIJKS, GERARDUS M.J.F., NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1993-10-22  
[30] US (966,214) 1992-10-26

[11] **2,112,261**  
[13] C

[51] **Int.Cl. 5C07C 9/22 5C07C 5/03**  
[25] EN  
[54] **HYDROGENATION PROCESS**  
[54] **PROCEDE D'HYDROGENATION**  
[72] DEGNAN, THOMAS F., JR., US  
[72] SHIH, STUART S., US  
[72] YAN, TSOUNG-YUAN, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1993-12-22  
[86] 1992-07-23 (PCT/US1992/006122)  
[87] (WO1993/002157)  
[30] US (734,990) 1991-07-24

[11] **2,112,862**  
[13] C

[51] **Int.Cl. 5C09D 5/44**  
[25] EN  
[54] **ELECTRODEPOSITION COATING COMPOSITION COMPRISING CROSSLINKED MICROPARTICLES**  
[54] **COMPOSITION DE REVETEMENT PAR ELECTRODEPOSITION COMPORTANT DES MICROPARTICULES RETICULEES**  
[72] MCGEE, JOHN, US  
[73] BASF CORPORATION, US  
[22] 1994-01-05  
[30] US (08/023,509) 1993-02-26

[11] **2,113,643**  
[13] C

[51] **Int.Cl. 5C09D 101/08 5A01C 1/06 5C08L 1/08**  
[25] EN  
[54] **SEED FILM COMPOSITIONS**  
[54] **COMPOSITIONS D'ENROBAGE DE GRAINES**  
[72] AKHTAR, IKBAL A., US  
[72] SISKEN, HAROLD R., US  
[73] UNIROYAL CHEMICAL COMPANY, INC., US  
[85] 1994-01-17  
[86] 1992-07-16 (PCT/US1992/005947)  
[87] (WO1993/002148)  
[30] US (07/732,844) 1991-07-19

[11] **2,113,995**  
[13] C

[51] **Int.Cl. 5A61K 49/02 5A61K 47/08 5A61K 47/22**  
[25] EN  
[54] **USE OF GENTISIC ACID OR GENTISYL ALCOHOL FOR STABILISING RADIOLABELED PEPTIDES AND PROTEINS**  
[54] **UTILISATION D'ACIDE GENTISIQUE OU D'ALCOOL GENTISIQUE POUR LA STABILISATION DE PEPTIDES ET DE PROTEINES RADIOMARQUES**  
[72] DEUTSCH, EDWARD A., US  
[72] GOEDEMANS, WILHELMUS T., NL  
[72] DE JONG, MARTINUS T. M., NL  
[72] MILLER, KATHLEEN M., US  
[72] BRODACK, JAMES W., US  
[73] MALLINCKRODT INC., US  
[85] 1994-01-21  
[86] 1992-07-31 (PCT/US1992/006429)  
[87] (WO1993/004702)  
[30] US (751,825) 1991-08-29

[11] **2,114,327**  
[13] C

[51] **Int.Cl. 6C07K 16/44 5C09B 57/00 6C07K 2/00 5C07C 219/06 5C07C 229/08 5C07C 271/10 5G01N 33/533 5G01N 33/566 5G01N 33/94**  
[25] EN  
[54] **HAPTENS, TRACERS, IMMUNOGENS AND ANTIBODIES FOR IMMUNOASSAYS FOR PROPOXYPHENE**  
[54] **HAPTENES, TRACEURS, COMPOSES IMMUNOGENES ET ANTICORPS POUR IMMUNODOSAGES DU PROPOXYPHENE**  
[72] DUBLER, ROBERT E., US  
[72] GROTE, JONATHAN, US  
[72] KUHN, DONNA R., US  
[73] ABBOTT LABORATORIES, US  
[85] 1994-01-26  
[86] 1992-07-22 (PCT/US1992/006297)  
[87] (WO1993/003344)  
[30] US (736,890) 1991-07-29

[11] **2,117,291**  
[13] C

[51] **Int.Cl. 5G01V 3/32**  
[25] EN  
[54] **NUCLEAR MAGNETIC RESONANCE DETECTION OF GEOLOGIC STRUCTURES**  
[54] **SYSTEME A RESONANCE MAGNETIQUE NUCLEAIRE DE DETECTION DE FORMATIONS GEOLOGIQUES**  
[72] COATES, GEORGES R., US  
[72] MILLER, MELVIN N., US  
[72] BOUTON, JOHN C., US  
[73] NUMAR CORPORATION, US  
[85] 1994-05-26  
[86] 1992-11-25 (PCT/US1992/010143)  
[87] (WO1993/011451)  
[30] US (800,599) 1991-11-27

Canadian Patents Issued  
April 22, 2003

---

[11] **2,117,471**  
[13] C  
[51] Int.Cl. 5C07D 261/20 5C07D 413/04  
**5A61K 31/42**  
[25] EN  
[54] **BENZISOXAZOLE DERIVATIVES  
AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES DU BENZISOXAZOLE;  
COMPOSITIONS  
PHARMACEUTIQUES A BASE DE CES  
DERIVES**  
[72] BOYD, EDWARD ANDREW, GB  
[72] COSTALL, BRENDA, GB  
[72] KELLY, MARY ELIZABETH, GB  
[72] PARSONS, PHILIP JAMES, GB  
[73] BTG INTERNATIONAL LIMITED,  
GB  
[85] 1994-08-10  
[86] 1993-02-18 (PCT/GB1993/000334)  
[87] (WO1993/017004)  
[30] GB (9203500.5) 1992-02-19  
[30] GB (9300921.5) 1993-01-19

---

[11] **2,119,148**  
[13] C  
[51] Int.Cl. 5E04H 6/18  
[25] EN  
[54] **MOTOR VEHICLE PARKING  
INSTALLATION**  
[54] **PARC DE STATIONNEMENT EN  
ELEVATION**  
[72] ROSSATO, ERIDE, IT  
[73] ROSSATO, ERIDE, IT  
[85] 1994-03-15  
[86] 1992-09-14 (PCT/EP1992/002104)  
[87] (WO1993/006322)  
[30] IT (VE91A000047) 1991-09-20

---

[11] **2,119,458**  
[13] C  
[51] Int.Cl. 5E02D 29/02 5E04B 2/08  
[25] EN  
[54] **KIT OF MOULDED CONCRETE  
BLOCKS AND GRAVITY RETAINING  
WALL MADE THEREFROM**  
[54] **ASSEMBLAGE DE BLOCS DE  
BETON MOULES ET MUR DE  
SOUTENEMENT GRAVITAIRE  
REALISE A L'AIDE DE CES BLOCS**  
[72] HAGENAH, GERHARD, DE  
[73] SF-KOOPERATION GMBH BETON-  
KONZEPTE, DE  
[85] 1994-03-18  
[86] 1992-09-18 (PCT/EP1992/002153)  
[87] (WO1993/006310)  
[30] DE (P 41 31 423.9) 1991-09-20

---

[11] **2,119,934**  
[13] C  
[51] Int.Cl. 5H01F 1/34 5H01F 41/00  
**5B01F 3/12 5H01F 1/37**  
[25] EN  
[54] **MOLDABLE CRYSTALLINE  
MAGNETIC MATERIAL FOR HIGH-  
FREQUENCY APPLICATIONS**  
[54] **MATERIAU MAGNETIQUE  
CRISTALLIN MOULABLE POUR LES  
APPLICATIONS HAUTE FREQUENCE**  
[72] MULLER, WILHELM, CA  
[72] DIEL, GERALD PETER, CA  
[73] MULLER, WILHELM, CA  
[73] DIEL, GERALD PETER, CA  
[22] 1994-03-24

---

[11] **2,127,647**  
[13] C  
[51] Int.Cl. 5G01J 1/44 5G05F 3/18 5G05F  
**3/20**  
[25] EN  
[54] **BIAS CIRCUIT FOR AVALANCHE  
PHOTODIODE**  
[54] **CIRCUIT DE POLARISATION  
POUR PHOTODIODE A AVALANCHE**  
[72] NAKASE, SHIGEKI, JP  
[72] NAKAMURA, SHIGEYUKI, JP  
[72] OHTA, TSUYOSHI, JP  
[73] HAMAMATSU PHOTONICS K.K., JP  
[22] 1994-07-08  
[30] JP (170289/1993) 1993-07-09

---

[11] **2,129,628**  
[13] C  
[51] Int.Cl. 5G10K 9/12 5B60Q 5/00  
[25] EN  
[54] **AUTOMOTIVE VEHICLE TONE  
GENERATOR**  
[54] **GENERATEUR DE TONALITES  
POUR VEHICULE AUTOMOBILE**  
[72] PETER, WALTER H., US  
[73] C-MAC INVOTRONICS INC., CA  
[85] 1994-08-05  
[86] 1993-02-05 (PCT/CA1993/000046)  
[87] (WO1993/016464)  
[30] US (07/833,005) 1992-02-10

---

[11] **2,132,012**  
[13] C  
[51] Int.Cl. 5A61K 9/16  
[25] EN  
[54] **ALKYL-SUBSTITUTED  
CELLULOSE-BASED SUSTAINED-  
RELEASE ORAL DRUG DOSAGE  
FORMS**  
[54] **COMPRIME OU CAPSULE POUR  
ADMINISTRATION PAR VOIE ORALE  
ET LIBERATION LENTE, A BASE DE  
DERIVE DE SUBSTITUTION  
ALKYLIQUE DE CELLULOSE**  
[72] SHELL, JOHN W., US  
[73] DEPOMED SYSTEMS,  
INCORPORATED, US  
[85] 1994-09-13  
[86] 1993-03-17 (PCT/US1993/002420)  
[87] (WO1993/018755)  
[30] US (07/858,320) 1992-03-25  
[30] US (07/986,952) 1992-12-08

---

[11] **2,133,366**  
[13] C  
[51] Int.Cl. 5C04B 16/02 5C04B 14/04  
[25] EN  
[54] **LIGHTWEIGHT CEMENT  
BLOCKS AND METHOD OF  
PRODUCING SAME**  
[54] **BLOCS DE CIMENT ALLEGES;  
METHODE POUR LEUR  
FABRICATION**  
[72] LE BLANC, FRANK X., CA  
[73] ENVIRO PRODUCTS LTD., CA  
[22] 1994-09-30  
[30] US (08/246,444) 1994-05-20

---

[11] **2,134,440**  
[13] C  
[51] Int.Cl. 5H01B 1/12 5C08G 73/02  
[25] EN  
[54] **SURFACE DOPANTS AS BLEND  
COMPATIBILIZERS IN CONJUGATED  
POLYMERS**  
[54] **AGENTS DE SURFACE DOPANTS,  
UTILISES COMME AGENTS DE  
COMPATIBILITE DANS LES  
POLYMERES CONJUGUES**  
[72] SHACKLETTE, LAWRENCE W., US  
[72] MILLER, GRANVILLE G., US  
[72] HAN, CHIEN-CHUNG, US  
[72] ELSENBAUMER, RONALD L., US  
[73] ZIPPERLING KESSLER & CO.(GMBH  
& CO.), DE  
[85] 1994-10-26  
[86] 1993-06-02 (PCT/US1993/005296)  
[87] (WO1993/024555)  
[30] US (07/893,153) 1992-06-03

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,134,539**  
[13] C

[51] **Int.Cl. 5C12Q 1/68 5C07H 21/00 5C12N 15/10**  
[25] FR  
[54] **PROCEDE DE SELECTION ET/OU D'OBTENTION DE SONDAS CAPABLES DE DETECTER DE NOUVELLES REGIONS A NOMBRES VARIABLE DE REPETITIONS EN TANDEM, SONDAS POUVANT ETRE AINSI OBTENUES ET LEURS UTILISATIONS**  
[54] **PROCESS FOR SELECTING AND/OR OBTAINING PROBES CAPABLE OF DETECTING NEW REGIONS WITH VARIABLE NUMBERS OF TANDEM REPETITIONS, PROBES OBTAINED WITH SAID PROCESS AND THEIR USES**  
[72] BUARD, JEROME, FR  
[72] GAUGUIER, DOMINIQUE, FR  
[72] VERGNAUD, GILLES, FR  
[73] ETAT FRANCAIS, FR  
[22] 1994-10-27  
[30] FR (93 12 923) 1993-10-29

---

[11] **2,134,817**  
[13] C

[51] **Int.Cl. 5F02P 17/00**  
[25] EN  
[54] **IGNITION TRANSFORMER**  
[54] **TRANSFORMATEUR D'ALLUMAGE**  
[72] NOBLE, GARDINER A., US  
[72] KAFKA, LEONARD, US  
[72] CIUFFETELLI, MARK, US  
[73] CHRYSLER CORPORATION, US  
[22] 1994-11-01  
[30] US (08/149,065) 1993-11-08

---

[11] **2,135,469**  
[13] C

[51] **Int.Cl. 5F02C 9/22 5F02C 9/54 5F02C 9/58**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE VARIATION DU PAS DES PALES D'UN ROTOR**  
[54] **METHOD AND APPARATUS FOR CONTROLLING VARIABLE PITCH BLADES IN A ROTOR**  
[72] GIRARD, FRANCIS, FR  
[73] SOCIETE HISPANO SUIZA, FR  
[22] 1994-11-09  
[30] FR (93 13409) 1993-11-10

---

---

[11] **2,135,619**  
[13] C

[51] **Int.Cl. 5B65D 88/52**  
[25] EN  
[54] **A FOLDABLE CONTAINER**  
[54] **CONTENEUR REPLIABLE**  
[72] PEDERSEN, THOR, NO  
[73] PEDERSEN, THOR, NO  
[85] 1994-11-10  
[86] 1993-05-04 (PCT/SE1993/000387)  
[87] (WO1993/023315)  
[30] SE (9201471-1) 1992-05-11

---

[11] **2,137,793**  
[13] C

[51] **Int.Cl. 5C12N 15/27 5C12Q 1/02 6C07K 1/30 6C07K 14/535 5G01N 33/566 5G01N 33/68**  
[25] EN  
[54] **CRYSTALLIZATION OF M-CSF**  
[54] **CRISTALLISATION DE M-CSF**  
[72] PANDIT, JAYVARDHAN, US  
[72] JANCARIK, JARMILA, US  
[72] KIM, SUNG-HOU, US  
[72] KOTHS, KIRSTON E., US  
[72] HALENBECK, ROBERT, US  
[72] FEAR, ANNA LISA, US  
[72] TAYLOR, ERIC, US  
[72] YAMAMOTO, RALPH, US  
[72] BOHM, ANDREW, US  
[73] CHIRON CORPORATION, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1993-06-09  
[86] 1993-06-09 (PCT/US1993/005548)  
[87] (WO1993/025687)  
[30] US (07/896,512) 1992-06-09

---

[11] **2,138,269**  
[13] C

[51] **Int.Cl. 5F16B 31/02**  
[25] EN  
[54] **DYNAMOMETRIC SCREW OR NUT**  
[54] **VIS OU BOULON DYNAMOMETRIQUE**  
[72] WATTERBACK, PAUL GUNNAR, SE  
[73] AUTOTORQUE INTERNATIONAL AB, SE  
[85] 1994-12-15  
[86] 1992-07-15 (PCT/SE1992/000519)  
[87] (WO1994/002749)

---

---

[11] **2,141,874**  
[13] C

[51] **Int.Cl. 6B01J 2/16 6C05C 9/00 6C05G 5/00**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF UREA GRANULES**  
[54] **METHODE POUR L'OBTENTION DE GRANULES D'UREE**  
[72] KAYAERT, ANDRE FIRMIN, BE  
[72] ANTONUS, ROGER ALFONS CAMILLE, BE  
[73] HYDRO AGRI SLUISKIL B.V., NL  
[85] 1995-02-06  
[86] 1993-08-05 (PCT/NL1993/000167)  
[87] (WO1994/003267)  
[30] ID (P-004539) 1992-08-07

---

[11] **2,141,952**  
[13] C

[51] **Int.Cl. 6G01L 1/20 6H01C 10/10**  
[25] EN  
[54] **STANNOUS OXIDE FORCE TRANSDUCER AND COMPOSITION**  
[54] **TRANSDUCTEUR DE FORCE DU TYPE OXYDE STANNEUX ET COMPOSITION QUI EN CONTIENT**  
[72] YANIGER, STUART I., US  
[73] INTERLINK ELECTRONICS, INC., US  
[85] 1995-02-07  
[86] 1993-07-09 (PCT/US1993/006474)  
[87] (WO1994/001744)  
[30] US (07/911,769) 1992-07-10

---

[11] **2,144,410**  
[13] C

[51] **Int.Cl. 6B32B 15/08 6C23F 11/00**  
[25] EN  
[54] **REDUCING GALVANIC DEGRADATION OF HYBRID METAL/ COMPOSITE STRUCTURES**  
[54] **DEGRADATION GALVANIQUE, PAR REDUCTION, DE STRUCTURES HYBRIDES RENFERMANT UN METAL**  
[72] BOYD, JACK DOUGLAS, US  
[72] HOPPER, LAWRENCE CLAY, US  
[73] CYTEC TECHNOLOGY CORP., US  
[85] 1995-03-10  
[86] 1993-09-14 (PCT/US1993/008605)  
[87] (WO1994/006625)  
[30] US (07/944,555) 1992-09-14

---

Canadian Patents Issued  
April 22, 2003

[11] 2,148,129  
[13] C

[51] Int.Cl. 6B32B 27/32 6B32B 7/06  
6B65D 65/40  
[25] EN  
[54] PEELABLE FILM AND METHOD  
OF MAKING A PEELABLE FILM  
[54] PELLICULE PELABLE ET  
METHODE DE FABRICATION  
CONNEXE  
[72] AMBROISE, BENOIT, FR  
[72] PETITJEAN, MAURICE, BE  
[73] MOBIL PLASTICS EUROPE, INC., BE  
[85] 1995-04-27  
[86] 1993-10-29 (PCT/EP1993/003013)  
[87] (WO1994/009985)  
[30] GB (9222780.0) 1992-10-30  
[30] GB (9315122.3) 1993-07-21

[11] 2,152,941  
[13] C

[51] Int.Cl. 6A61K 48/00 6A61K 35/76  
[25] EN  
[54] CYTOPATHIC VIRUSES FOR  
THERAPY AND PROPHYLAXIS OF  
NEOPLASIA  
[54] VIRUS CYTOPATHIQUES POUR  
LE TRAITEMENT ET LA PREVENTION  
DES NEOPLASMES  
[72] MCCORMICK, FRANCIS, US  
[73] ONYX PHARMACEUTICALS, US  
[85] 1995-06-28  
[86] 1994-02-16 (PCT/US1994/002049)  
[87] (WO1994/018992)  
[30] US (08/017,525) 1993-02-16

[11] 2,155,753  
[13] C

[51] Int.Cl. 6A44B 18/00  
[25] EN  
[54] HOOK FOR A HOOK AND LOOP  
FASTENER  
[54] CROCHET POUR SYSTEME DE  
FERMETURE PAR CONTACT  
[72] KENNEDY, WILLIAM J., US  
[72] ROCHA, GERALD F., US  
[73] VELCRO INDUSTRIES B.V., NL  
[85] 1995-08-09  
[86] 1994-02-10 (PCT/US1994/001583)  
[87] (WO1994/018864)  
[30] US (08/017,749) 1993-02-16

[11] 2,156,917  
[13] C

[51] Int.Cl. 6G06F 9/44 6G06F 3/14  
[25] EN  
[54] A COMPUTERIZED HANDBOOK  
OF PROCESSES  
[54] GUIDE INFORMATISE SUR LES  
PROCESSUS  
[72] MALONE, THOMAS W., US  
[72] CROWSTON, KEVIN, US  
[72] LEE, JINTAE, US  
[72] PENTLAND, BRIAN, US  
[72] DELLAROCAS, CHRYSANTHOS, US  
[73] MASSACHUSETTS INSTITUTE OF  
TECHNOLOGY, US  
[85] 1995-08-24  
[86] 1994-02-25 (PCT/US1994/002131)  
[87] (WO1994/019742)  
[30] GB (9303873.5) 1993-02-25

[11] 2,163,393  
[13] C

[51] Int.Cl. 6C12Q 1/68 6C07H 21/04  
[25] EN  
[54] AMPLIFICATION AND  
DETECTION OF MYCOBACTERIA  
NUCLEIC ACIDS  
[54] AMPLIFICATION ET DETECTION  
D'ACIDES NUCLEIQUES  
MYCOBACTERIENS  
[72] NYCZ, COLLEEN MARIE, US  
[72] NADEAU, JAMES G., US  
[72] SCOTT, PATRICIA BRINKLEY, US  
[72] SHANK, DARYL DEE, US  
[72] SPEARS, PATRICIA ANNE, US  
[73] BECTON, DICKINSON AND  
COMPANY, US  
[22] 1995-11-21  
[30] US (08/347,551) 1994-11-30

[11] 2,170,757  
[13] C

[51] Int.Cl. 6C12N 15/12 6C12N 5/10  
6C12N 15/18 6G01N 33/566 6G01N 33/68  
[25] EN  
[54] METHOD OF MARKING  
EUKARYOTIC CELLS BY THE USE OF  
A CELL SURFACE RECEPTOR AS A  
MARKER  
[54] METHODE POUR MARQUER LES  
CELLULES EUCARYOTES A L'AIDE  
D'UN RECEPTEUR A LA SURFACE  
CELLULAIRE  
[72] BORDIGNON, CLAUDIO, IT  
[72] MAVILIO, FULVIO, IT  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1996-02-29  
[86] 1994-08-11 (PCT/EP1994/002687)  
[87] (WO1995/006723)  
[30] IT (RM93A000587) 1993-09-01

[11] 2,170,785  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04N 7/173  
[25] EN  
[54] UPSTREAM TRANSMISSION  
USING MULTIPLE TRANSMISSION  
TAGS AND DOWNSTREAM  
ACKNOWLEDGMENTS IN  
CONDITIONAL ACCESS PACKETS  
[54] TRANSMISSION AMONT AU  
MOYEN D'UNE MULTIPLICITE  
D'ETIQUETTES DE TRANSMISSION  
ET ACCUSES DE RECEPTION AVAL  
DANS LES PAQUETS A ACCES  
CONDITIONNEL  
[72] BESTLER, CAITLIN B., US  
[72] HARTLEY, HARRY A., III, US  
[72] RABII, KHOSRO M., US  
[73] ZENITH ELECTRONICS  
CORPORATION, US  
[22] 1996-03-01  
[30] US (08/398,208) 1995-03-02

[11] 2,175,464  
[13] C

[51] Int.Cl. 6B32B 5/18  
[25] EN  
[54] WASTEWATER SYSTEM  
REHABILITATION USING MULTI-  
LAYER LINER  
[54] TECHNIQUE DE  
REHABILITATION D'ELEMENTS DE  
RESEAUX D'EAUX USEES, FAISANT  
APPEL A UN REVETEMENT  
MULTICOUCHE  
[72] HUME, JAMES M., US  
[72] DANIELE, JOSEPH TAYLOR, US  
[73] CCI SPECTRUM, INC., US  
[85] 1996-04-30  
[86] 1994-09-23 (PCT/US1994/010824)  
[87] (WO1995/008436)  
[30] US (126,376) 1993-09-24

[11] 2,177,430  
[13] C

[51] Int.Cl. 6A47G 9/00 6A47C 27/08  
6A47C 27/14  
[25] EN  
[54] LATERAL RECUMBENCY  
SUPPORT PILLOW  
[54] COUSSIN D'APPUI LOMBAIRE  
[72] LITTLE, ANDREA JOLLY, US  
[73] LITTLE, ANDREA JOLLY, US  
[22] 1996-05-27

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,178,187**  
[13] C

[51] **Int.Cl. 6H05K 5/00 6H04Q 7/32**  
[25] EN  
[54] **PORTABLE ELECTRONIC DEVICE AND METHOD FOR COUPLING POWER THERETO**  
[54] **DISPOSITIF ELECTRONIQUE PORTATIF ET METHODE D'ALIMENTATION DE CE DISPOSITIF**  
[72] WEISSHAPPEL, ROBERT N., US  
[72] BRUNETTE, JAMES ROBERT, US  
[72] BEUTLER, SCOTT DAVID, US  
[72] GAYNES, STEPHEN JOHN, US  
[72] DOMOLECZNY, JAMES DENNIS SR., US  
[72] NAGELE, ALBERT LEO, US  
[72] CRISTIANO, GARY MICHAEL, US  
[73] MOTOROLA, INC., US  
[22] 1996-06-04  
[30] US (08/489,872) 1995-06-13  
[30] US (08/558,581) 1995-10-31

---

[11] **2,183,001**  
[13] C

[51] **Int.Cl. 6B02C 9/00**  
[25] FR  
[54] **BROYEUR-CONCASSEUR-ESSOREUR A CHENILLES**  
[54] **TRACK-LAYING CRUSHER-WRINGER**  
[72] TREMBLAY, DENIS, CA  
[73] TREMBLAY, DENIS, CA  
[22] 1996-08-09

---

[11] **2,187,093**  
[13] C

[51] **Int.Cl. 6B32B 5/08 6E01C 23/03 6E02B 3/12**  
[25] EN  
[54] **STRUCTURE FORMING METHOD, APPARATUS AND THE PRODUCT**  
[54] **PROCEDE ET APPAREIL POUR FORMER UNE STRUCTURE ET PRODUIT**  
[72] PAYNE, LEROY, US  
[73] PAYNE, LEROY, US  
[85] 1996-10-03  
[86] 1995-05-04 (PCT/US1995/005453)  
[87] (WO1995/030543)  
[30] US (08/239,540) 1994-05-09  
[30] US (08/345,565) 1994-11-25

---

---

[11] **2,188,881**  
[13] C

[51] **Int.Cl. 6H04Q 7/24**  
[25] EN  
[54] **SERVICE PROVISION SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **SYSTEME DE FOURNITURE DE SERVICES DESTINE A DES RESEAUX DE COMMUNICATIONS**  
[72] WINTER, CHRISTOPHER SIMON, GB  
[72] BUSUIOC, MARIUS-NICOLAE, GB  
[72] TITMUSS, RICHARD JOHN, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1996-10-25  
[86] 1995-04-28 (PCT/GB1995/000988)  
[87] (WO1995/030317)  
[30] EP (94303092.4) 1994-04-28

---

[11] **2,189,587**  
[13] C

[51] **Int.Cl. 6G01N 33/68 6G01N 33/52**  
[25] EN  
[54] **GLASS/CELLULOSE AS PROTEIN REAGENT**  
[54] **VERRE/CELLULOSE, REACTIF POUR PROTEINE**  
[72] PUGIA, MICHAEL J., US  
[72] SCHAEFER, ROBERT J., US  
[73] BAYER CORPORATION, US  
[22] 1996-11-04  
[30] US (08/585,729) 1996-01-16

---

[11] **2,189,935**  
[13] C

[51] **Int.Cl. 6C09J 131/04 6C09J 5/06**  
[25] EN  
[54] **FLOOR COVERING HOT-MELT SEAM SEALING METHOD AND PRODUCT**  
[54] **METHODE DE SCHELEMENT DES COUTURES DE REVETEMENT DE SOL AU MOYEN DE PRODUITS THERMOFUSIBLES ET PRODUITS EN QUESTION**  
[72] ESHLEMAN, J. MICHAEL, US  
[73] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 1996-11-08  
[30] US (08/563,206) 1995-11-27

---

---

[11] **2,192,075**  
[13] C

[51] **Int.Cl. 6A61K 6/00**  
[25] EN  
[54] **METHOD FOR BONDING NON-AMALGAM RESTORATIVE MATERIALS TO DENTAL SURFACES**  
[54] **PROCEDE DE FIXATION DE MATERIAUX DE RESTAURATION SANS AMALGAME SUR DES SURFACES DENTAIRES**  
[72] ARIO, PAULA D., US  
[72] AASEN, STEVEN M., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1996-12-04  
[86] 1995-06-21 (PCT/US1995/007914)  
[87] (WO1996/000558)  
[30] US (08/268773) 1994-06-30

---

[11] **2,193,563**  
[13] C

[51] **Int.Cl. 6G01J 5/10 6H01L 41/26**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A PYROELECTRIC MIXTURE**  
[54] **METHODE DE FABRICATION INDUSTRIELLE D'UN MELANGE PYROELECTRIQUE**  
[72] DULTZ, WOLFGANG, DE  
[72] YABLONSKY, SERGEI, RU  
[72] SOTO BUSTAMANTE, EDUARDO A., DE  
[72] BERESNEV, LEONID L., DE  
[72] BLINOV, LEV, RU  
[72] HAASE, WOLFGANG, DE  
[72] GALYAMETDINOV, YURI G., RU  
[73] DEUTSCHE TELEKOM AG, DE  
[22] 1996-12-20  
[30] DE (195 47 934.3) 1995-12-22

---

[11] **2,198,410**  
[13] C

[51] **Int.Cl. 6F04B 53/18 6F04B 39/02 6F04B 39/06 6F04B 53/08**  
[25] EN  
[54] **BEARING AND SEAL PERCOLATOR FOR A CENTRIFUGAL PUMP**  
[54] **SYSTEME DE PERCOLATION A PALIERS ET A GARNITURES D'ETANCHEITE POUR POMPE CENTRIFUGE**  
[72] BUSE, FREDERIC W., US  
[72] THAMARUS, FRANCIS W., US  
[73] FLOWERVE MANAGEMENT COMPANY, US  
[22] 1997-02-25  
[30] US (08/606,719) 1996-02-27

---

Canadian Patents Issued  
April 22, 2003

---

[11] **2,203,139**  
[13] C  
[51] **Int.Cl. 6F16J 15/34 6F04D 29/12**  
[25] EN  
[54] **SEAL CAVITY THROAT BUSHING**  
[54] **BAGUE A COLLET POUR UNE**  
**CAVITE HERMETIQUE**  
[72] DUNFORD, JOSEPH R.(DECEASED),  
CA  
[73] ENVIROSEAL ENGINEERING  
PRODUCTS, LTD., CA  
[85] 1997-04-18  
[86] 1995-10-18 (PCT/CA1995/000580)  
[87] (WO1996/014528)  
[30] US (334,363) 1994-11-03

---

[11] **2,203,842**  
[13] C  
[51] **Int.Cl. 6F16K 31/06 6F16K 43/00**  
**6F17C 13/04 6F16K 31/72**  
[25] EN  
[54] **INSTANT-ON VENTED TANK**  
**VALVE WITH MANUAL OVERRIDE**  
**AND METHOD OF OPERATION**  
**THEREOF**  
[54] **ROBINET A ACTION**  
**INSTANTANEE ET COMMANDE**  
**MANUELLE DE NEUTRALISATION**  
**POUR RESERVOIR A ORIFICE DE**  
**MISE A L'AIR LIBRE ET METHODE**  
**D'UTILISATION**  
[72] KHADIM, NEIL, CA  
[73] GFI CONTROL SYSTEMS, INC., CA  
[22] 1997-04-28  
[30] US (60/016,573) 1996-04-30

---

[11] **2,205,205**  
[13] C  
[51] **Int.Cl. 6C08L 23/10 6C08L 53/00**  
[25] EN  
[54] **POLYOLEFIN COMPOSITION**  
**AND MOLDED ARTICLE THEREOF**  
[54] **COMPOSITION DE POLYOLEFINE**  
**ET ARTICLE MOULE A PARTIR DE**  
**LADITE COMPOSITION**  
[72] MATSUNAGA, SHIN-YA, JP  
[72] WAKUMOTO, HIROSHI, JP  
[73] MITSUI CHEMICALS INC., JP  
[85] 1997-05-13  
[86] 1996-09-13 (PCT/JP1996/002641)  
[87] (WO1997/010299)  
[30] JP (236761/1995) 1995-09-14  
[30] JP (344108/1995) 1995-12-28

---

[11] **2,205,793**  
[13] C  
[51] **Int.Cl. 6F24F 6/02 6F24F 13/20**  
[25] EN  
[54] **HUMIDIFIER DEVICE**  
[54] **HUMIDIFICATEUR**  
[72] VALLIERES, JEAN-PIERRE, CA  
[72] VALLIERES, JEAN-GUY, CA  
[73] HAMPTON DIRECT INC., US  
[22] 1997-05-22

---

[11] **2,205,981**  
[13] C  
[51] **Int.Cl. 6B60T 7/16 6B60R 25/00**  
**6B62B 5/04**  
[25] EN  
[54] **ANTI-THEFT VEHICLE SYSTEM**  
[54] **SYSTEME ANTIVOL POUR**  
**VEHICULES**  
[72] LACE, JEFFREY J., US  
[73] LACE EFFECT, LLC, US  
[85] 1997-05-23  
[86] 1995-12-26 (PCT/US1995/016925)  
[87] (WO1996/021206)  
[30] US (08/366,886) 1994-12-30

---

[11] **2,207,741**  
[13] C  
[51] **Int.Cl. 6C07K 14/025 6C07K 19/00**  
**6A61K 39/12**  
[25] EN  
[54] **VARIANTS OF HUMAN**  
**PAPILLOMA VIRUS ANTIGENS**  
[54] **VARIANTES DES ANTIGENES DU**  
**VIRUS DES PAPILLOMES HUMAINS**  
[72] WEBB, ELIZABETH ANN, AU  
[72] FRAZER, IAN, AU  
[72] COX, JOHN COOPER, AU  
[72] EDWARDS, STIRLING JOHN, AU  
[73] CSL LIMITED, AU  
[73] THE UNIVERSITY OF  
QUEENSLAND, AU  
[85] 1997-06-13  
[86] 1995-12-20 (PCT/AU1995/000868)  
[87] (WO1996/019496)  
[30] AU (PN0157/94) 1994-12-20

---

[11] **2,208,593**  
[13] C  
[51] **Int.Cl. 6H03H 7/42 6H04N 7/10**  
**6H04B 3/20 6H03H 7/38**  
[25] EN  
[54] **COUPLING DEVICE**  
**CONNECTING AN UNBALANCED**  
**SIGNAL LINE TO A BALANCED**  
**SIGNAL LINE**  
[54] **DISPOSITIF DE COUPLAGE**  
**CONNECTANT UNE LIGNE DE**  
**SIGNAUX NON EQUILIBRES A UNE**  
**LIGNE DE SIGNAUX EQUILIBRES**  
[72] DECRAMER, JOHN E., US  
[73] BH ELECTRONICS, INC., US  
[85] 1997-06-18  
[86] 1995-12-19 (PCT/US1995/017067)  
[87] (WO1996/019867)  
[30] US (08/358,739) 1994-12-19

---

[11] **2,209,345**  
[13] C  
[51] **Int.Cl. 6B05C 17/005 6B05C 11/10**  
[25] EN  
[54] **ADHESIVE INJECTION**  
**APPARATUS**  
[54] **DISPOSITIF D'INJECTION**  
**D'ADHESIF**  
[72] OKADA, YUKIHIKO, JP  
[72] SUZUKI, MASAHIRO, JP  
[72] MIYOSHI, YOSHIHIKO, JP  
[73] SHO-BOND CORPORATION, JP  
[22] 1997-06-30  
[30] JP (246915/1996) 1996-08-30

---

[11] **2,210,020**  
[13] C  
[51] **Int.Cl. 6B07B 1/12**  
[25] EN  
[54] **IMPROVED SIFTING SCREEN**  
[54] **TAMIS AMELIORE**  
[72] HUGHES, ANDREW, GB  
[72] COOK, GORDON JAMES, GB  
[72] BAILEY, ARTHUR ROBERT, GB  
[73] UNITED WIRE LIMITED, GB  
[22] 1995-02-28  
[62] 2,157,276  
[30] GB (9404071.4) 1994-03-03

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,211,015**  
[13] C

[51] **Int.Cl. 6C07D 223/10 6C07D 201/08**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE LACTAME**  
[54] **METHOD FOR PREPARING LACTAM**  
[72] LAURAIN, NATHALIE, FR  
[72] NEDEZ, CHRISTOPHE, FR  
[72] GILBERT, LAURENT, FR  
[72] COTTING, MARIE-CHRISTINE, FR  
[73] RHONE-POULENC FIBER AND RESIN INTERMEDIATES, FR  
[85] 1997-07-21  
[86] 1996-01-22 (PCT/FR1996/000102)  
[87] (WO1996/022974)  
[30] FR (95/01183) 1995-01-27

---

[11] **2,211,302**  
[13] C

[51] **Int.Cl. 6B01D 35/06 6C02F 1/463**  
[25] EN  
[54] **ELECTROCOALESCENT SYSTEM FOR DECONTAMINATING WATER STREAMS**  
[54] **SYSTEME A ELECTROCOALESCENCE POUR DECONTAMINER LES COURANTS D'EAU**  
[72] JOHNSON, DENNIS E.J., US  
[73] AQUA-ION SYSTEMS, INC., US  
[85] 1997-07-24  
[86] 1996-01-25 (PCT/US1996/000311)  
[87] (WO1996/022945)  
[30] US (08/377,620) 1995-01-25

---

[11] **2,211,449**  
[13] C

[51] **Int.Cl. 6H01H 13/54**  
[25] EN  
[54] **CORD SWITCH AND PRESSURE SENSOR**  
[54] **COMMUTATEUR A CORDON ET CAPTEUR DE PRESSION**  
[72] ISHIHARA, HIDENORI, JP  
[72] HORII, KOJI, JP  
[72] YAGYU, HIDEKI, JP  
[72] KIKUTA, TOMOYUKI, JP  
[72] TANAKA, TAKESHI, JP  
[72] KASHIWAZAKI, SHIGERU, JP  
[73] ASMO CO., LTD., JP  
[73] HITACHI CABLE, LTD., JP  
[85] 1997-07-25  
[86] 1996-11-29 (PCT/JP1996/003537)  
[87] (WO1997/021235)  
[30] JP (7-315515) 1995-12-04  
[30] JP (7-331788) 1995-12-20

---

---

[11] **2,211,917**  
[13] C

[51] **Int.Cl. 6H02K 13/00**  
[25] EN  
[54] **FEEDER STRUCTURE IN ELECTRIC MOTOR**  
[54] **ELEMENTS D'ALIMENTATION DANS DES MOTEUR ELECTRIQUES**  
[72] YOSHIDA, YASUSHI, JP  
[73] MITSUBA CORPORATION, JP  
[22] 1997-07-29  
[30] JP (8-221721) 1996-08-05

---

[11] **2,212,607**  
[13] C

[51] **Int.Cl. 6E06B 3/20**  
[25] EN  
[54] **ARCH FRAME**  
[54] **STRUCTURE D'ARCHE**  
[72] MAROCCO, NORBERT, CA  
[73] SHADE-O-MATIC LIMITED, CA  
[22] 1997-08-08  
[30] US (08/701,505) 1996-08-22

---

[11] **2,212,933**  
[13] C

[51] **Int.Cl. 6H04L 29/04 6H04L 12/14**  
[25] EN  
[54] **PATH RESTORATION OF NETWORKS**  
[54] **RETABLISSEMENT DE TRAJETS DE RESEAU**  
[72] GROVER, WAYNE D., CA  
[72] IRASCHKO, RAINER R., CA  
[72] DOHERTY, LANCE, CA  
[73] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA  
[22] 1997-08-13

---

---

[11] **2,219,483**  
[13] C

[51] **Int.Cl. 6C08L 77/00 6C08L 71/00 6C09K 3/16 6C08J 5/18**  
[25] FR  
[54] **MATERIAU COMPRENANT UN POLYAMIDE, UN POLYMERE A BLOCS POLYAMIDE ET POLYETHER ET UNE POLYOLEFINE FONCTIONNALISEE, FILM ET OBJET OBTENUS A PARTIR DE CELUI-CI**  
[54] **MATERIAL COMPRISING A POLYAMIDE, A POLYETHER-POLYAMIDE BLOCK POLYMER AND A FUNCTIONALIZED POLYOLEFIN, FILM AND OBJECT OBTAINED FROM THE SAID MATERIAL**  
[72] ALEX, PATRICK, FR  
[72] BOUILLOUX, ALAIN, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1997-11-18  
[30] FR (96 14 150) 1996-11-19

---

[11] **2,222,713**  
[13] C

[51] **Int.Cl. 6A61K 31/445**  
[25] EN  
[54] **COMPOSITION COMPRISING D-THREO-METHYLPHENIDATE AND ANOTHER DRUG**  
[54] **COMPOSITION CONTENANT DU D-THREO-METHYLPHENIDATE ET UNE AUTRE SUBSTANCE**  
[72] POPE, NICHOLAS ROBERT, GB  
[72] RICHARDS, ANDREW JOHN MCGLASHAN, GB  
[73] MEDEVA EUROPE LIMITED, GB  
[85] 1997-12-22  
[86] 1996-07-15 (PCT/GB1996/001688)  
[87] (WO1997/003671)  
[30] GB (9514450.7) 1995-07-14  
[30] GB (9608390.2) 1996-04-23

---

[11] **2,224,523**  
[13] C

[51] **Int.Cl. 6B65B 39/00 6B65B 25/06 6A21C 9/08**  
[25] EN  
[54] **UNIVERSAL SPOON FOR LOADING DOUGH PRODUCTS INTO CONTAINERS**  
[54] **CUILLER UNIVERSELLE PERMETTANT DE VERSER DE LA PATE DANS DES RECIPIENTS**  
[72] FINKOWSKI, JAMES W., US  
[73] THE PILLSBURY COMPANY, US  
[85] 1997-12-11  
[86] 1996-06-25 (PCT/US1996/010882)  
[87] (WO1997/003880)  
[30] US (08/503,380) 1995-07-17

---



Canadian Patents Issued  
April 22, 2003

[11] **2,225,667**  
[13] C  
[51] **Int.Cl. 6C09D 167/00 6C09D 5/03**  
[25] EN  
[54] **NON-BLOOMING POLYESTER COATING POWDER**  
[54] **POUDRE DE REVETEMENT EN POLYESTER NON EFFLORESCENTE**  
[72] NICHOLL, EDWARD, US  
[72] SHAH, NAVIN B., US  
[72] MUTHIAH, JENO, US  
[73] MORTON INTERNATIONAL, INC., US  
[22] 1997-12-23

[11] **2,232,428**  
[13] C  
[51] **Int.Cl. 6D06F 58/20**  
[25] EN  
[54] **DRYER AIR INLET ARRANGEMENT**  
[54] **PRISE D'AIR DE SECHEUSE**  
[72] DUNSBERGEN, KIRK M., US  
[72] WUNDERLICH, DANIEL F., US  
[73] MAYTAG CORPORATION, US  
[22] 1998-03-17  
[30] US (08/834,905) 1997-04-07

[11] **2,233,319**  
[13] C  
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12N 15/11**  
[25] EN  
[54] **MICROSATELLITE SEQUENCES FOR CANINE GENOTYPING**  
[54] **SEQUENCES MICROSATELLITES DESTINEES A LA DETERMINATION DU GENOTYPE DE RACES CANINES**  
[72] DVORAK, JAN, US  
[72] HALVERSON, JOY, US  
[72] STEVENSON, TAMARA, US  
[73] PE CORPORATION (NY), US  
[85] 1998-03-27  
[86] 1996-09-27 (PCT/US1996/015556)  
[87] (WO1997/013876)  
[30] US (60/004,469) 1995-09-28

[11] **2,234,812**  
[13] C  
[51] **Int.Cl. 6C08L 23/08 6C08L 23/16 6C08K 5/54**  
[25] EN  
[54] **ELASTOMER COMPOSITIONS AND PROCESSES FOR PRODUCING THE SAME**  
[54] **COMPOSITIONS D'ELASTOMERES ET LEURS PROCEDES DE PRODUCTION**  
[72] IWASA, TSUYOSHI, JP  
[72] TSUJIMOTO, MOTYOYOSHI, JP  
[73] SUMITOMO BAKELITE COMPANY, LIMITED, JP  
[85] 1998-04-08  
[86] 1996-10-09 (PCT/JP1996/002928)  
[87] (WO1997/013806)  
[30] JP (264280/1995) 1995-10-12

[11] **2,234,977**  
[13] C  
[51] **Int.Cl. 6B65H 39/10**  
[25] EN  
[54] **BELT-DRIVEN DOCUMENT ACCUMULATOR HAVING BELT-DAMPENING TABLE AND SIDE GUIDES**  
[54] **ACCUMULATEUR DE DOCUMENTS A ENTRAINEMENT PAR COURROIE, POSSEDANT UN PLATEAU D'AMORTISSEMENT DE LA COURROIE ET DES ELEMENTS DE GUIDAGE LATERAUX**  
[72] NEIFERT, LEONARD, US  
[72] RICKER, MARK, US  
[73] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US  
[85] 1998-04-15  
[86] 1996-10-18 (PCT/US1996/016614)  
[87] (WO1997/014641)  
[30] US (08/544,807) 1995-10-18

[11] **2,235,243**  
[13] C  
[51] **Int.Cl. 6A61K 47/26 6A61K 49/00 6A61K 51/00 6A61K 9/14**  
[25] EN  
[54] **METHOD AND PREPARATIONS FOR STABILIZING BIOLOGICAL MATERIALS BY DRYING METHODS WITHOUT FREEZING**  
[54] **PREPARATIONS ET PROCEDES POUR STABILISER DES MATERIAUX BIOLOGIQUES A L'AIDE DE PROCEDES DE DESSICCATION SANS CONGELATION**  
[72] MATTERN, MARKUS, DE  
[72] WINTER, GERHARD, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1998-04-17  
[86] 1996-10-24 (PCT/EP1996/004627)  
[87] (WO1997/015288)  
[30] DE (195 39 574.3) 1995-10-25

[11] **2,236,458**  
[13] C  
[51] **Int.Cl. 6F16F 9/10 6B60R 19/20**  
[25] EN  
[54] **ENERGY ABSORPTION APPARATUS**  
[54] **DISPOSITIF D'ABSORPTION D'ENERGIE**  
[72] MOGILEVSKI, MIKHAIL, RU  
[72] ALBERTINI, CARLO, IT  
[73] EUROPEAN COMMUNITY (EC), LU  
[85] 1998-04-30  
[86] 1996-11-04 (PCT/EP1996/004847)  
[87] (WO1997/017554)  
[30] EP (95307927.4) 1995-11-06

[11] \* **2,237,972**  
[13] C  
[51] **Int.Cl. 6F41H 11/12 6G01V 9/00 6G01V 3/11 6G01V 3/12**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR CLEARANCE OF UNEXPLODED ORDNANCE**  
[54] **APPAREIL ET PROCESSUS DE NEUTRALISATION DES MUNITIONS EXPLOSIVES NON EXPLOSEES**  
[72] BANERJEE, VIKRAM K., CA  
[73] BANERJEE, VIKRAM K., CA  
[73] XTECH EXPLOSIVE DECONTAMINATION INC., CA  
[22] 1998-05-19  
[30] US (60/047,071) 1997-05-19

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,239,187**  
[13] C

[51] **Int.Cl. 6C07D 403/06 6C07D 473/00 6C07D 453/02 6C07D 401/04 6C07D 471/04 6C07D 487/04 6C07D 495/04 6C07D 491/048 6C07D 243/14 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/55 6C07F 9/645 6A61K 31/675**

[25] EN  
[54] **INHIBITORS OF FARNESYL PROTEIN TRANSFERASE**  
[54] **INHIBITEURS DE LA FARNESYL-TRANSFERASE**

[72] HUNT, JOHN T., US  
[72] Bhide, RAJEEV, US  
[72] LEFTHERIS, KATERINA, US  
[72] MITT, TOOMAS, US  
[72] KIM, SOONG-HOON, US  
[72] DING, CHARLES Z., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1998-06-01  
[86] 1997-02-24 (PCT/US1997/002920)  
[87] (WO1997/030992)  
[30] US (60/012,265) 1996-02-26  
[30] US (60/022,805) 1996-07-25

---

[11] **2,239,433**  
[13] C

[51] **Int.Cl. 6A61K 33/24 6A61K 31/60**

[25] EN  
[54] **COMPOSITIONS, CONTAINING BISMUTH, FOR THE PREVENTION AND TREATMENT OF GASTROINTESTINAL DISORDERS**  
[54] **COMPOSITIONS CONTENANT DU BISMUTH ET DESTINEES A LA PREVENTION ET AU TRAITEMENT DE TROUBLES GASTRO-INTESTINAUX**

[72] FITZGERALD, JAMESINA ANNE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-06-03  
[86] 1996-11-22 (PCT/US1996/018655)  
[87] (WO1997/020568)  
[30] US (08/569,028) 1995-12-07

---

---

[11] **2,240,691**  
[13] C

[51] **Int.Cl. 6B01D 53/94 6F01N 3/38**

[25] EN  
[54] **SYSTEM FOR EXHAUST GAS PURIFICATION**  
[54] **SYSTEME DE PURIFICATION DES GAZ D'ECHAPPEMENT**

[72] NODA, NAOMI, JP  
[72] SHIBAGAKI, YUKINARI, JP  
[72] MIZUNO, HIROSHIGE, JP  
[72] TAKAHASHI, AKIRA, JP  
[73] NGK INSULATORS, LTD., JP  
[22] 1998-06-15  
[30] JP (9-158944) 1997-06-16

---

[11] **2,242,663**  
[13] C

[51] **Int.Cl. 6G08C 21/00**

[25] EN  
[54] **ALGORITHMIC COMPENSATION SYSTEM AND METHOD THEREFOR FOR A TOUCH SENSOR PANEL**  
[54] **SYSTEME ALGORITHMIQUE DE COMPENSATION ET PROCEDE ASSOCIE RELATIF A UN PANNEAU TACTILE**

[72] BABB, JOE HENRY, US  
[72] WILSON, GEOFFREY D., US  
[73] ELO TOUCHSYSTEMS, INC., US  
[85] 1998-07-09  
[86] 1997-03-13 (PCT/US1997/003978)  
[87] (WO1997/034273)  
[30] US (08/616,851) 1996-03-15

---

[11] **2,242,679**  
[13] C

[51] **Int.Cl. 6E21B 43/25**

[25] EN  
[54] **APPARATUS, COMPOSITIONS, AND METHODS OF EMPLOYING PARTICULATES AS FRACTURING FLUID COMPOSITIONS IN SUBTERRANEAN FORMATIONS**  
[54] **APPAREIL, COMPOSITIONS ET METHODES D'UTILISATION DE PARTICULES COMME COMPOSITIONS FLUIDES DE FRACTURATION DANS DES FORMATIONS SOUTERRAINES**

[72] QIU, XIAOPING, US  
[72] CONSTIEN, VERNON, US  
[72] SULLIVAN, PHILIP F., US  
[72] NELSON, ERIK B., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1998-07-08  
[30] US (08/891,320) 1997-07-09

---

---

[11] **2,242,981**  
[13] C

[51] **Int.Cl. 6C02F 1/78**

[25] EN  
[54] **METHOD AND APPARATUS FOR PREVENTING BIOFOULING IN COOLING WATER SYSTEM**  
[54] **METHODE ET APPAREIL POUR PREVENIR LE BIO-ENCRASSEMENT DANS UN SYSTEME A EAU DE REFRROIDISSEMENT**

[72] AMITANI, HISAO, JP  
[72] OZAWA, TATEKI, JP  
[72] NAKAYAMA, SHIGEKI, JP  
[72] HIROTSUJI, JUNJI, JP  
[72] YUGE, HIROSHI, JP  
[72] TANIMURA, YASUHIRO, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1998-07-13  
[30] JP (198434/1997) 1997-07-24

---

[11] **2,243,002**  
[13] C

[51] **Int.Cl. 6A01D 44/00**

[25] EN  
[54] **METHOD FOR THE GENTLE ISOLATION OF AQUATIC PLANTS WHICH FLOAT ON THE WATER**  
[54] **METHODE POUR CUEILLIR EN DOUCEUR DES PLANTES AQUATIQUES FLOTTANT A LA SURFACE DE L'EAU**

[72] RETZLAFF, GUNTER, DE  
[72] DE KRAMER, JACOBUS JAN, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1998-08-24  
[30] DE (197 38 995.3) 1997-09-05

---

[11] **2,243,688**  
[13] C

[51] **Int.Cl. 6H04L 12/12 6H04L 29/02**

[25] EN  
[54] **INFORMATION ACCESS SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE D'ACCES A DES INFORMATIONS**

[72] LI, CHIA-CHANG, US  
[73] AT&T CORP., US  
[22] 1998-07-22  
[30] US (08/898,238) 1997-07-22

---

Canadian Patents Issued  
April 22, 2003

[11] **2,243,965**  
[13] C  
[51] Int.Cl. 6C11D 3/37 6C11D 3/386  
6C11D 3/40 6C11D 3/60  
[25] EN  
[54] **LAUNDRY ADDITIVE  
COMPOSITIONS INCLUDING  
DISPERSIBLE POLYOLEFIN AND  
METHOD FOR USING SAME**  
[54] **COMPOSITIONS ADDITIVES DE  
LESSIVE INCLUANT UNE  
POLYOLEFINE DISPERSIBLE ET  
LEUR PROCEDE D'UTILISATION**  
[72] HARTMAN, FREDERICK  
ANTHONY, US  
[72] MASSCHELEIN, AXEL, BE  
[72] HUBESCH, BRUNO ALBERT JEAN,  
BE  
[72] BAKER, ELLEN SCHMIDT, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1998-07-21  
[86] 1997-01-29 (PCT/US1997/001645)  
[87] (WO1997/028242)  
[30] US (08/594,956) 1996-01-31

[11] **2,245,979**  
[13] C  
[51] Int.Cl. 6H04L 12/18 6H04L 12/56  
[25] EN  
[54] **METHOD AND SYSTEM FOR A  
UNICAST ENDPOINT CLIENT TO  
ACCESS A MULTICAST INTERNET  
PROTOCOL (IP) SESSION**  
[54] **METHODE ET SYSTEME  
PERMETTANT A UN CLIENT DE  
RESEAU MONODIFFUSION D'AVOIR  
ACCES A UNE SEANCE IP (INTERNET  
PROTOCOL) MULTIDIFFUSION**  
[72] SHUR, DAVID HILTON, US  
[72] ZELEZNIAK, ALEKSANDR, US  
[73] AT&T CORP., US  
[22] 1998-08-26  
[30] US (08/927,426) 1997-09-11

[11] **2,246,780**  
[13] C  
[51] Int.Cl. 6H04L 12/16 6H04N 7/173  
[25] EN  
[54] **COMMUNICATION NETWORK**  
[54] **RESEAU DE COMMUNICATION**  
[72] JOHNSON, GRAHAM I., GB  
[72] EMMOTT, STEPHEN J., GB  
[72] TRELEAVEN, PHILIP C., GB  
[73] NCR CORPORATION, US  
[22] 1998-09-08  
[30] GB (9719289.2) 1997-09-10

[11] **2,246,939**  
[13] C  
[51] Int.Cl. 6E04H 4/06 6E04H 4/14  
[25] EN  
[54] **POOL COVER STORAGE DEVICE**  
[54] **DISPOSITIF DE RANGEMENT DE  
BACHE DE PISCINE**  
[72] POWELL, CYNTHIA, US  
[73] POWELL, CYNTHIA, US  
[22] 1998-09-11  
[30] US (08/928,911) 1997-09-12

[11] **2,247,707**  
[13] C  
[51] Int.Cl. 6H04L 12/56  
[25] EN  
[54] **TRAFFIC RATE CONTROLLER IN  
A PACKET SWITCHING NETWORK**  
[54] **SYSTEME DE CONTROLE DU  
TRAFIC DANS UN RESEAU DE  
COMMUTATION PAR PAQUETS**  
[72] MURASE, TUTOMU, JP  
[73] NEC CORPORATION, JP  
[22] 1998-09-18  
[30] JP (HEI-9(1997)-254401) 1997-09-19

[11] \* **2,248,062**  
[13] C  
[51] Int.Cl. 6H03D 3/00  
[25] EN  
[54] **AN APPARATUS, METHOD AND  
ARTICLE OF MANUFACTURE FOR  
CARRIER FREQUENCY  
COMPENSATION IN AN FM RADIO  
RECEIVER**  
[54] **DISPOSITIF, PROCEDE ET  
ARTICLE SERVANT A CORRIGER LES  
FREQUENCES DE PORTEUSE DANS  
UN RECEPTEUR RADIO A  
MODULATION DE FREQUENCE**  
[72] DINGSOR, ANDREW D., US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[85] 1998-09-01  
[86] 1997-05-05 (PCT/US1997/007460)  
[87] (WO1997/044892)  
[30] US (08/653,571) 1996-05-24

[11] **2,249,920**  
[13] C  
[51] Int.Cl. 6B23P 19/00 6B23P 11/00  
6B30B 3/02 6E04C 3/02 6B30B 15/16  
[25] EN  
[54] **TRUSS ASSEMBLY APPARATUS  
WITH INDEPENDENT ROLLER DRIVE**  
[54] **APPAREIL D'ASSEMBLAGE DE  
FERMES A ROULEAU  
D'ENTRAINEMENT DISTINCT**  
[72] HAASE, CHRISTOPHER L., US  
[73] MITEK HOLDINGS, INC., US  
[22] 1998-10-09  
[30] US (08/951,116) 1997-10-15

[11] **2,251,189**  
[13] C  
[51] Int.Cl. 6H01M 4/90 6H01M 8/02  
[25] EN  
[54] **ELECTRODE FOR FUEL CELL  
AND METHOD OF MANUFACTURING  
ELECTRODE FOR FUEL CELL**  
[54] **ELECTRODE POUR PILE A  
COMBUSTIBLE ET METHODE DE  
FABRICATION DE L'ELECTRODE  
POUR PILE A COMBUSTIBLE**  
[72] KAWAHARA, TATSUYA, JP  
[73] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[22] 1998-10-22  
[30] JP (9-309763) 1997-10-23

[11] **2,252,552**  
[13] C  
[51] Int.Cl. 6G01N 22/02 6G01N 23/20  
6G01N 21/55 6G01N 21/88  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
INSPECTING A LOW GLOSS SURFACE  
OF AN OBJECT AT A VISION STATION**  
[54] **PROCEDE ET DISPOSITIF  
D'INSPECTION D'UNE SURFACE A  
FAIBLE BRILLANCE D'UN OBJET AU  
NIVEAU D'UNE STATION DE  
VISUALISATION**  
[72] PARKER, JEFFREY B., US  
[72] CZUBKO, MYRON, US  
[72] HAVEN, NEIL, US  
[73] PERCEPTION, INC., US  
[85] 1998-10-22  
[86] 1997-04-09 (PCT/US1997/005754)  
[87] (WO1997/040367)  
[30] US (60/015,915) 1996-04-22  
[30] US (60/017,335) 1996-04-26  
[30] US (60/028,309) 1996-09-06

**Brevets canadiens délivrés**  
**22 avril 2003**

---

[11] **2,253,034**  
[13] C

[51] **Int.Cl. 6A61B 5/00 6A63B 24/00 6A63B 21/06 6A61B 5/22**  
[25] EN  
[54] **PHYSICAL CAPACITY ASSESSMENT SYSTEM**  
[54] **SYSTEME D'EVALUATION DE L'ETAT PHYSIQUE**  
[72] HANOUN, REED, CA  
[73] HANOUN MEDICAL INC., CA  
[22] 1998-11-05

---

[11] **2,253,636**  
[13] C

[51] **Int.Cl. 6C12N 15/31 6A61K 39/02 6C07K 16/12 6C07K 14/195 6C12N 1/36**  
[25] EN  
[54] **MORAXELLA CATARRHALIS OUTER MEMBRANE PROTEIN-106 POLYPEPTIDE, GENE SEQUENCE AND USES THEREOF**  
[54] **POLYPEPTIDE DE LA PROTEINE-106 DE LA MEMBRANE EXTERNE DE MORAXELLA CATARRHALIS, SA SEQUENCE GENETIQUE ET SON UTILISATION**  
[72] TUCKER, KENNETH, US  
[72] PLOSILA, LAURA, US  
[73] ANTEX BIOLOGICS INC., US  
[85] 1998-11-04  
[86] 1997-04-28 (PCT/US1997/007679)  
[87] (WO1997/041731)  
[30] US (08/642,712) 1996-05-03

---

[11] **2,253,869**  
[13] C

[51] **Int.Cl. 6C07C 59/76 6C07D 253/08 6C07C 59/185 6A61K 31/40 6C07D 209/48 6A61K 31/53 6C07C 59/84**  
[25] EN  
[54] **SUBSTITUTED OXOBUTYRIC ACIDS AS MATRIX METALLOPROTEASE INHIBITORS**  
[54] **ACIDES OXOBUTYRIQUES SUBSTITUES AGISSANT COMME INHIBITEURS DES METALLOPROTEINASES MATRICIELLES**  
[72] VAN ZANDT, MICHAEL, US  
[72] BRITTELLI, DAVID R., US  
[72] CHEN, JINSHAN, US  
[72] DIXON, BRIAN R., US  
[73] BAYER CORPORATION, US  
[85] 1998-11-05  
[86] 1997-05-12 (PCT/US1997/007975)  
[87] (WO1997/043238)  
[30] US (08/648,384) 1996-05-15

---

---

[11] **2,253,951**  
[13] C

[51] **Int.Cl. 6A61K 49/00**  
[25] EN  
[54] **.DELTA.1,2BICYCLO[4,4,0] FUNCTIONAL DYES FOR CONTRAST ENHANCEMENT IN OPTICAL IMAGING**  
[54] **COLORANTS FONCTIONNELS .DELTA.1,2 BICYCLO[4,4,0] D'AMELIORATION DES CONTRASTES EN IMAGERIE OPTIQUE**  
[72] FUNG, ELLA Y., US  
[72] RAJAGOPALAN, RAGHAVAN, US  
[73] MALLINCKRODT INC., US  
[85] 1998-11-09  
[86] 1997-05-09 (PCT/US1997/008385)  
[87] (WO1997/042978)  
[30] US (08/645,310) 1996-05-13

---

[11] **2,254,033**  
[13] C

[51] **Int.Cl. 6B61D 27/00 6B60P 3/20 6B65D 88/74**  
[25] EN  
[54] **FREIGHT CONTAINER VENTILATION SYSTEM**  
[54] **SYSTEME DE VENTILATION POUR CONTENEUR DE FRET**  
[72] DEVEIKIS, JOHN K., US  
[72] GAIKOWSKI, MICHAEL D., US  
[72] COWAN, JAMES A., JR., US  
[72] KLOSTER, RICHARD J., US  
[73] GENERAL ELECTRIC RAILCAR SERVICES CORPORATION, US  
[22] 1998-11-12  
[30] US (09/024,810) 1998-02-17

---

[11] **2,256,879**  
[13] C

[51] **Int.Cl. 6G01N 21/15 6G01N 21/01**  
[25] EN  
[54] **OPTICAL MEASURING ARRANGEMENT**  
[54] **DISPOSITIF DE MESURE OPTIQUE**  
[72] RAHIKKALA, ARVO, FI  
[72] HEINONEN, RISTO J., FI  
[73] METSO AUTOMATION OY, FI  
[22] 1998-12-21  
[30] FI (974627) 1997-12-23

---

---

[11] \* **2,257,166**  
[13] C

[51] **Int.Cl. 6B60K 17/00 6B62M 3/00**  
[25] EN  
[54] **HIGH-POWERED POWERTRAINS USING WHEEL AND AXLE POTENTIAL ENERGY**  
[54] **GROUPES MOTOPROPULSEURS HAUTE PUISSANCE A RECUPERATION D'ENERGIE DES ROUES ET ESSIEUX**  
[72] PAEK, UN KIL, KR  
[73] PAEK, UN KIL, KR  
[85] 1998-11-27  
[86] 1997-07-10 (PCT/KR1997/000136)  
[87] (WO1998/002325)  
[30] KR (1996/28068) 1996-07-12

---

[11] **2,257,722**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ABSORBENT ARTICLES HAVING PLEATED UNDERGARMENT COVERING COMPONENTS**  
[54] **ARTICLES ABSORBANTS COMPORTANT DES ELEMENTS PLISSES RECOUVRANT LES SOUS-VETEMENTS**  
[72] WEINBERGER, ERIC PATTON, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-12-09  
[86] 1997-06-10 (PCT/US1997/010089)  
[87] (WO1997/047266)  
[30] US (08/661,683) 1996-06-11

---

[11] **2,258,198**  
[13] C

[51] **Int.Cl. 6G08B 13/00 6G08B 15/02 6G08B 13/22**  
[25] EN  
[54] **A METHOD OF PRODUCING A MARKING-SUBSTANCE CONTAINING AMPUL, AN AMPUL AND AMPUL-FITTED THEFT-DETERRENT DEVICE**  
[54] **PROCEDE DE PRODUCTION D'UNE AMPOULE CONTENANT UNE SUBSTANCE DE MARQUAGE, AMPOULE ET DISPOSITIF DE PREVENTION DU VOL POURVU DE CETTE AMPOULE**  
[72] GUSTAVSSON, BO, SE  
[72] STOLTZ, KLAS, SE  
[73] FARGKLAMMAN AB, SE  
[85] 1998-12-14  
[86] 1997-06-26 (PCT/SE1997/001153)  
[87] (WO1997/050066)  
[30] SE (9602552-3) 1996-06-27

---

Canadian Patents Issued  
April 22, 2003

[11] 2,261,462  
[13] C  
[51] Int.Cl. 6A61M 5/24  
[25] EN  
[54] MEDICATION DELIVERY PEN HAVING A PRIMING MECHANISM  
[54] SERINGUE A MEDICAMENT DE TYPE STYLO COMPRENANT UN MECANISME D'AMORCAGE  
[72] PERRY, MARCO CARROLL, US  
[72] WALTERS, DANIEL A., US  
[72] LEE, HYUNG J., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1999-02-11  
[30] US (09/026,585) 1998-02-20

[11] 2,261,475  
[13] C  
[51] Int.Cl. 6A61M 5/24  
[25] EN  
[54] MULTI-FEATURED MEDICATION DELIVERY PEN  
[54] SERINGUE A MEDICAMENT DE TYPE STYLO MULTI-ELEMENTS  
[72] WALTERS, DANIEL A., US  
[72] FONTAYNE, DIEGO Y., US  
[72] BROOKS, CHRISTOPHER J., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1999-02-11  
[30] US (09/026,938) 1998-02-20

[11] 2,261,503  
[13] C  
[51] Int.Cl. 6H04Q 9/00 6H04M 11/06  
[25] EN  
[54] SYSTEM AND METHOD FOR COMMUNICATING INFORMATION THROUGH A TELEPHONE NETWORK  
[54] SYSTEME ET METHODE DE COMMUNICATION D'INFORMATIONS PAR L'INTERMEDIAIRE D'UN RESEAU TELEPHONIQUE  
[72] LAMAH, AHMAD, US  
[72] AYOUB, MOHAMAD, US  
[72] SAVERY, WINSOR T., US  
[73] GATCO, US  
[22] 1999-02-11  
[30] US (09/022,558) 1998-02-12

[11] 2,263,473  
[13] C  
[51] Int.Cl. 6C01G 5/00 6A61K 47/02 6A61K 45/08  
[25] EN  
[54] SILVER-BASED ANTIMICROBIAL COMPOSITIONS  
[54] COMPOSITIONS ANTIMICROBIENNES A BASE D'ARGENT  
[72] CAPELLI, CHRISTOPHER C., US  
[73] CAPELLI, CHRISTOPHER C., US  
[85] 1999-02-15  
[86] 1997-08-15 (PCT/US1997/014697)  
[87] (WO1998/006260)  
[30] US (60/024,108) 1996-08-16  
[30] US (08/909,239) 1997-08-11

[11] 2,264,743  
[13] C  
[51] Int.Cl. 6G01D 5/39 6G01R 11/00 6G08C 19/36  
[25] EN  
[54] SYSTEM FOR REMOTE METER VIEWING AND REPORTING  
[54] SYSTEME PERMETTANT LE RELEVÉ A DISTANCE DE COMPTEURS ET LA TRANSMISSION DES DONNEES OBTENUES  
[72] GILLBERRY, WILFRED A., CA  
[73] HARBOUR MANAGEMENT SERVICES LIMITED, CA  
[85] 1999-02-26  
[86] 1997-09-22 (PCT/CA1997/000697)  
[87] (WO1998/013670)  
[30] US (08/719,663) 1996-09-25

[11] 2,264,746  
[13] C  
[51] Int.Cl. 6H04M 1/00  
[25] EN  
[54] RADIO COMMUNICATIONS SYSTEMS AND METHODS FOR JITTERED BEACON TRANSMISSION  
[54] SYSTEMES DE COMMUNICATION RADIO ET PROCEDES POUR TRANSMISSIONS PAR BALISES AVEC INSTABILITES  
[72] HAARTSEN, JACOBUS CORNELIS, NL  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-02-26  
[86] 1997-08-22 (PCT/SE1997/001390)  
[87] (WO1998/009469)  
[30] US (08/708,039) 1996-08-30

[11] 2,264,804  
[13] C  
[51] Int.Cl. 6B65H 18/26 6B65H 27/00 6B65H 18/16  
[25] EN  
[54] WINDING-UP PROCESS AND MACHINE FOR WINDING UP WEBS OF PAPER OR CARDBOARD  
[54] PROCEDE ET MACHINE POUR LE BOBINAGE DES BANDES DE PAPIER OU DE CARTON  
[72] PETERS, HANS-FRIEDRICH, DE  
[72] MULLER, GEORG, DE  
[72] HEHNER, REINHARD, DE  
[73] JAGENBERG PAPIERTECHNIK GMBH, DE  
[85] 1999-03-03  
[86] 1997-08-28 (PCT/EP1997/004680)  
[87] (WO1998/009901)  
[30] DE (296 15 385.0) 1996-09-04  
[30] WO (PCT/EP97/00146) 1997-01-15  
[30] DE (197 31 060.5) 1997-07-19

[11] 2,264,960  
[13] C  
[51] Int.Cl. 6A61K 31/19 6A61K 9/06 6A61K 47/06 6A61K 9/12  
[25] EN  
[54] EXTERNAL FORMULATION CONTAINING LOXOPROFEN  
[54] FORMULATION EXTERNE CONTENANT LOXOPROFEN  
[72] TAMAOKI, HIDETSUNE, JP  
[72] MORI, MASAO, JP  
[72] HORIUCHI, TAMAKI, JP  
[73] LEAD CHEMICAL CO., LTD., JP  
[85] 1999-02-26  
[86] 1997-08-25 (PCT/JP1997/002936)  
[87] (WO1998/008966)  
[30] JP (HEI 8-223524) 1996-08-26

[11] 2,266,157  
[13] C  
[51] Int.Cl. 6H04L 12/24  
[25] EN  
[54] METHOD FOR RESOURCE ALLOCATION AND ROUTING IN MULTI-SERVICE VIRTUAL PRIVATE NETWORKS  
[54] METHODE D'ATTRIBUTION DES RESSOURCES ET DE ROUTAGE DANS DES RESEAUX PRIVES VIRTUELS MULTISERVICE  
[72] MITRA, DEBASIS, US  
[72] MORRISON, JOHN A., US  
[72] RAMAKRISHNAN, KAJAMALAI GOPALASWAMY, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-18  
[30] US (09/065,506) 1998-04-24

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,266,598**  
[13] C

[51] **Int.Cl. 6H04N 7/16 6H04N 7/20 6H04N 7/52 6H04L 12/56**  
[25] EN  
[54] **MULTIMEDIA INFORMATION TRANSMISSION AND DISTRIBUTION SYSTEM**  
[54] **SYSTEME MULTIMEDIA DE TRANSMISSION ET DE DISTRIBUTION D'INFORMATIONS**  
[72] MCKEEN, MARK R., US  
[72] BELL, JACKIE M., US  
[73] THE WEATHER CHANNEL, INC., US  
[85] 1999-03-19  
[86] 1997-09-25 (PCT/US1997/017412)  
[87] (WO1998/015122)  
[30] US (60/027,577) 1996-09-30  
[30] US (60/027,964) 1996-10-08

---

[11] **2,267,589**  
[13] C

[51] **Int.Cl. 6H04L 9/32 6H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING AUTHENTICATION IN COMMUNICATION SYSTEMS**  
[54] **METHODE ET DISPOSITIF D'AUTHENTIFICATION POUR SYSTEMES DE COMMUNICATION**  
[72] BERENZWEIG, ADAM L., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-29  
[30] US (09/073,870) 1998-05-07

---

[11] **2,268,060**  
[13] C

[51] **Int.Cl. 6C11D 11/00 6C11D 17/06**  
[25] EN  
[54] **PROCESS FOR MAKING A DETERGENT COMPOSITION BY NON-TOWER PROCESS**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE SANS L'UTILISATION D'UNE TOUR**  
[72] KANDASAMY, MANIVANNAN, JP  
[72] BEIMESCH, WAYNE EDWARD, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-03-31  
[86] 1997-06-05 (PCT/US1997/009791)  
[87] (WO1998/014553)  
[30] WO (PCT/US96/15881) 1996-10-04

---

---

[11] **2,270,039**  
[13] C

[51] **Int.Cl. 6H04M 1/274**  
[25] EN  
[54] **LOW POWER DIALER**  
[54] **COMPOSEUR A FAIBLE CONSOMMATION D'ENERGIE**  
[72] CASSELMAN, PATRICK H., US  
[72] ZABEL, JOHN R., US  
[72] PHAROAH, MARSHALL W., US  
[72] RUDOLPH, NEAL, US  
[72] PURITS, VALENTIN, US  
[73] MITEL, INC., US  
[22] 1999-04-27  
[30] US (09/079,280) 1998-05-15

---

[11] **2,270,237**  
[13] C

[51] **Int.Cl. 6F25D 23/00**  
[25] EN  
[54] **REFRIGERATOR CABINET INCORPORATING A PLASTIC KICKFACE**  
[54] **ARMOIRE DE REFRIGERATEUR COMPRENANT UNE PLAQUE DE PROTECTION EN PLASTIQUE**  
[72] WOLANIN, GERALD L., US  
[72] MANDEL, SHELDON W., US  
[72] MYERS, JOHN P., US  
[73] MAYTAG CORPORATION, US  
[22] 1999-04-27  
[30] US (09/102,817) 1998-06-23

---

[11] **2,270,344**  
[13] C

[51] **Int.Cl. 6C11B 3/12 6A23D 9/02 6A23D 9/04**  
[25] EN  
[54] **REFINING OF EDIBLE OIL RICH IN NATURAL CAROTENES AND VITAMIN E**  
[54] **RAFFINAGE D'UNE HUILE COMESTIBLE RICHE EN CAROTENES NATURELS ET EN VITAMINE E**  
[72] UNNITHAN, UNNIKISHNAN RAMACHANDRAN, MY  
[73] HAI LOO TRADING PTE LTD., SG  
[73] GLOBAL PALM PRODUCTS SDN. BHD., MY  
[85] 1999-04-29  
[86] 1996-11-15 (PCT/SG1996/000015)  
[87] (WO1998/018888)  
[30] MY (9604534) 1996-10-31

---

---

[11] **2,271,509**  
[13] C

[51] **Int.Cl. 6E21B 23/00**  
[25] EN  
[54] **CONVEYING A TOOL ALONG A NON-VERTICAL WELL**  
[54] **TRANSPORT D'UN INSTRUMENT DE DIAGNOSTIC DANS UN PUIT NON VERTICAL**  
[72] ROY, CARL J., US  
[72] SALLWASSER, ALAN J., US  
[72] POST, ROGER A., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1999-05-12  
[30] US (60/088,645) 1998-06-09  
[30] US (09/150,822) 1998-09-11

---

[11] **2,273,128**  
[13] C

[51] **Int.Cl. 6G06K 9/20**  
[25] EN  
[54] **OPTICAL SYMBOL READING DEVICE**  
[54] **LECTEUR OPTIQUE DE SYMBOLES**  
[72] ISHII, KAZUO, JP  
[73] NEC CORPORATION, JP  
[22] 1999-05-27  
[30] JP (147355/98) 1998-05-28

---

[11] **2,275,019**  
[13] C

[51] **Int.Cl. 6F25C 5/16**  
[25] EN  
[54] **REFRIGERATOR ICE DISPENSING ASSEMBLY WITH ENHANCED BAFFLE PLATE ARRANGEMENT**  
[54] **ASSEMBLAGE POUR DISTRIBUTEUR DE GLACE DE REFRIGERATEUR AVEC DISPOSITION AMELIOREE DE LA CHICANE**  
[72] THOMPSON, VIRGIL R., US  
[73] MAYTAG CORPORATION, US  
[22] 1999-06-15  
[30] US (09/126,433) 1998-07-30

---

Canadian Patents Issued  
April 22, 2003

[11] 2,275,073  
[13] C

[51] Int.Cl. 6G08C 17/02 6B60C 23/02  
[25] EN  
[54] METHOD AND APPARATUS FOR IDENTIFYING REMOTE SENDING UNITS IN A VEHICLE  
[54] METHODE ET APPAREIL POUR IDENTIFIER A DISTANCE DES TRANSMETTEURS DE PRESSION DANS UN VEHICULE  
[72] STEWART, WILLIAM D., IE  
[72] MURPHY, DERMOT J., IE  
[72] MCCLELLAND, STEPHEN T., IE  
[73] SCHRADER-BRIDGEPORT INTERNATIONAL, INC., US  
[22] 1999-06-17  
[30] US (09/105,631) 1998-06-26

[11] 2,277,110  
[13] C

[51] Int.Cl. 6A61K 9/10 6A61L 27/00 6A61K 47/36 6A61K 47/42  
[25] EN  
[54] COLLAGEN-POLYSACCHARIDE MATRIX FOR BONE AND CARTILAGE REPAIR  
[54] MATRICE COLLAGENE-POLYSACCHARIDE POUR LA REPARATION DES OS ET DES CARTILAGES  
[72] SPIRO, ROBERT C., US  
[72] LIU, LINSHU, US  
[73] ORQUEST, INC., US  
[85] 1999-07-06  
[86] 1998-01-15 (PCT/US1998/000838)  
[87] (WO1998/031345)  
[30] US (08/783,650) 1997-01-15

[11] 2,277,298  
[13] C

[51] Int.Cl. 6C11D 1/72 6C11D 3/37  
[25] EN  
[54] WAREWASHING SYSTEM CONTAINING NONIONIC SURFACTANT THAT PERFORMS BOTH A CLEANING AND SHEETING FUNCTION AND A METHOD OF WAREWASHING  
[54] SYSTEME POUR LE LAVAGE DE LA VAISSELLE OU D'OBJETS ANALOGUES CONTENANT UN TENSIOACTIF NON IONIQUE AYANT LA FOIS UNE FONCTION DE NETTOYAGE DE LA VAISSELLE ET UNE FONCTION D'ETALEMENT DE L'EAU DE RINCAGE, ET PROCEDE DE LAVAGE DE LA VAISSELLE OU D'OBJETS ANALOGUES  
[72] KLOS, TERRY J., US  
[72] ROLANDO, JOHN J., US  
[73] ECOLAB INC., US  
[85] 1999-07-08  
[86] 1997-10-21 (PCT/US1997/018691)  
[87] (WO1998/032823)  
[30] US (08/785,411) 1997-01-23

[11] 2,277,556  
[13] C

[51] Int.Cl. 6C22C 21/00 6B22F 9/00  
[25] EN  
[54] LUBRICATED ALUMINUM POWDER AGGLOMERATES HAVING IMPROVED FLOWABILITY  
[54] AGGLOMERATS DE POUVRE D'ALUMINIUM LUBRIFIEE AYANT UNE FLUENCE AMELIOREE  
[72] LEFEBVRE, LOUIS-PHILIPPE, CA  
[72] PELLETIER, SYLVAIN, CA  
[72] THOMAS, YANNIG, CA  
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 1999-07-13  
[30] US (09/129,642) 1998-08-05

[11] 2,277,734  
[13] C

[51] Int.Cl. 6H01F 41/02  
[25] EN  
[54] MAGNETIC FIELD GENERATOR FOR MRI, METHOD FOR ASSEMBLING THE SAME, AND METHOD FOR ASSEMBLING A MAGNET UNIT FOR THE SAME  
[54] GENERATEUR DE CHAMP MAGNETIQUE POUR IMAGERIE PAR RESONANCE MAGNETIQUE (IRM) ET PROCEDE D'ASSEMBLAGE D'UNE UNITE MAGNETIQUE POUR CE GENERATEUR  
[72] AOKI, MASAAKI, JP  
[72] HASHIMOTO, SHIGEO, JP  
[73] SUMITOMO SPECIAL METALS CO., LTD., JP  
[22] 1999-07-20  
[30] JP (10-223444) 1998-08-06

[11] 2,278,526  
[13] C

[51] Int.Cl. 6E21B 4/08  
[25] EN  
[54] BOTTOM ROTATION SHAFT ACTUATOR  
[54] ORGANE SERVANT A COMMANDER LA ROTATION DE FOND D'UN ARBRE  
[72] HAILEY, CHARLES D., US  
[73] HAILEY, CHARLES D., US  
[85] 1999-07-22  
[86] 1998-01-30 (PCT/US1998/001690)  
[87] (WO1998/034002)  
[30] US (08/794,684) 1997-02-03

[11] 2,279,149  
[13] C

[51] Int.Cl. 6F02B 69/04 6F02M 43/00 6F02M 61/14 6F02M 69/46  
[25] EN  
[54] FUEL INJECTOR ADAPTOR FOR CONVERSION OF SINGLE FUEL ENGINES TO DUAL FUEL ENGINES  
[54] ADAPTEUR D'INJECTEUR DE CARBURANT POUR CONVERTIR DES MOTEURS MONOCARBURANT EN MOTEURS HYBRIDES  
[72] SCHIEDEL, RICHARD, CA  
[72] GREEN, CHRISTOPHER, CA  
[72] MANCUSO, JAMES, CA  
[72] HURNIK, JAKUB, CA  
[73] GFI CONTROL SYSTEMS INC., US  
[22] 1999-07-30

**Brevets canadiens délivrés  
22 avril 2003**

[11] **2,279,884**  
[13] C

[51] **Int.Cl. 6C01D 3/06 6C02F 1/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DESALINATING SEA WATER, NATURAL SALT AND FRESH WATER**  
[54] **PROCEDE ET DISPOSITIF DE DESSALEMENT DE L'EAU DE MER, SEL NATUREL ET EAU DOUCE**  
[72] TAKAYASU, MASAKATSU, JP  
[73] TAKAYASU, MASAKATSU, JP  
[85] 1999-08-05  
[86] 1998-02-16 (PCT/JP1998/000651)  
[87] (WO1998/035911)  
[30] JP (9-50916) 1997-02-18  
[30] JP (9-309392) 1997-10-22

[11] **2,280,632**  
[13] C

[51] **Int.Cl. 6A61K 6/08 6A61C 13/08**  
[25] EN  
[54] **LIGHT-POLYMERIZABLE SINGLE-COMPONENT DENTAL MATERIAL**  
[54] **MATERIAU DENTAIRE LEGER POLYMERISABLE A UNE COMPOSANTE**  
[72] STANGE, FRANK, DE  
[72] ERDRICH, ALBERT, DE  
[72] SAVIC, NOVICA, DE  
[72] PUCHALSKA, TERESA, DE  
[73] HERAEUS KULZER GMBH & CO. KG, DE  
[22] 1999-08-24  
[30] DE (198 48 886.6) 1998-10-23

[11] **2,281,240**  
[13] C

[51] **Int.Cl. 6E21D 21/00**  
[25] EN  
[54] **TENSIONABLE CABLE BOLT**  
[54] **BOULON DE CABLE POUVANT ETRE TENDU**  
[72] STANKUS, JOHN C., US  
[72] TAYLOR, KENDAL L., US  
[73] JENNMAR CORPORATION, US  
[22] 1999-08-31  
[30] US (60/125,723) 1999-03-23

[11] **2,281,580**  
[13] C

[51] **Int.Cl. 6C07D 401/14 6A61K 31/495**  
[25] EN  
[54] **QUINOXALINEDIONES**  
[54] **QUINOXALINEDIONES**  
[72] WAITE, DAVID CHARLES, GB  
[72] CROOK, ROBERT JAMES, GB  
[72] STOBIE, ALAN, GB  
[72] GAUTIER, ELISABETH COLETTE LOUISE, FR  
[73] PFIZER INC., US  
[85] 1999-08-19  
[86] 1998-02-24 (PCT/EP1998/001275)  
[87] (WO1998/038186)  
[30] EP (PCT/EP97/00995) 1997-02-27  
[30] EP (9715783.8) 1997-07-25

[11] **2,281,621**  
[13] C

[51] **Int.Cl. 6F02D 41/14**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING AIR/FUEL RATIO USING IONIZATION MEASUREMENTS**  
[54] **APPAREIL ET PROCEDE DE REGULATION DU RAPPORT AIR/CARBURANT AU MOYEN DE MESURES D'IONISATION**  
[72] VANDYNE, EDWARD, US  
[73] ADRENALINE RESEARCH INC., US  
[85] 1999-08-17  
[86] 1998-02-20 (PCT/US1998/003435)  
[87] (WO1998/037322)  
[30] US (60/037,973) 1997-02-20  
[30] US (09/025,988) 1998-02-19

[11] **2,282,397**  
[13] C

[51] **Int.Cl. 6H04Q 7/32**  
[25] EN  
[54] **MICROPHONE ATTACHMENT FOR ELECTRICALLY CONNECTING THE MICROPHONE AND AUDIO CIRCUIT OF A FLIP-TYPE RADIO PHONE WITH A MECHANICAL CONTACT DEVICE**  
[54] **FIXATION DE MICROPHONE POUR LA CONNEXION ELECTRIQUE DE CE DERNIER ET D'UN CIRCUIT AUDIO A UN RADIOTELEPHONE A VOLET, DOTE D'UN DISPOSITIF DE CONTACT MECANIQUE**  
[72] GO, SUNG SOO, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-08-31  
[86] 1997-11-21 (PCT/KR1997/000228)  
[87] (WO1998/039942)  
[30] KR (1997/6986) 1997-03-04

[11] **2,282,405**  
[13] C

[51] **Int.Cl. 6C11D 17/00 6C11D 3/12 6C11D 3/50**  
[25] EN  
[54] **LAUNDRY ADDITIVE PARTICLE HAVING MULTIPLE SURFACE COATINGS**  
[54] **PARTICULE ADDITIVE POUR LESSIVE PRESENTANT PLUSIEURS REVETEMENTS DE SURFACE**  
[72] SURUTZIDIS, ATHANASIOS, US  
[72] HEIST, BRENT MICHAEL, US  
[72] LEBLANC, MICHAEL JUDE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-31  
[86] 1998-02-27 (PCT/IB1998/000242)  
[87] (WO1998/042818)  
[30] US (60/041,433) 1997-03-20

[11] **2,286,228**  
[13] C

[51] **Int.Cl. 6H01H 9/00 6H01H 3/12 6H01H 9/20**  
[25] EN  
[54] **ELECTRICAL SWITCH**  
[54] **INTERRUPTEUR ELECTRIQUE**  
[72] SLAVIK, WILLIAM H., US  
[73] TECHNICAL PRODUCTS GROUP, INC., US  
[85] 1999-10-06  
[86] 1999-02-26 (PCT/US1999/004320)  
[87] (WO1999/044210)  
[30] US (09/031,030) 1998-02-26

[11] **2,287,054**  
[13] C

[51] **Int.Cl. 6C07D 471/10 6A61K 31/435 6A61K 31/495 6A61K 31/535 6A61K 31/54 6A61K 31/55**  
[25] EN  
[54] **1,3,8-TRIAZASPIRO[4,5]DECANONE COMPOUNDS AS ORL1-RECEPTOR AGONISTS**  
[54] **COMPOSES DE 1,3,8-TRIAZASPIRO[4,5]DECANONE DOTES D'UNE ACTIVITE AGONISTE SUR LES RECEPTORS DE TYPE ORL1**  
[72] OHASHI, YORIKO, JP  
[72] ITO, FUMITAKA, JP  
[73] PFIZER INC., US  
[22] 1999-10-21  
[30] WO (PCT/IB98/01702) 1998-10-23



Canadian Patents Issued  
April 22, 2003

[11] 2,288,087  
[13] C

[51] Int.Cl. 6H05B 37/02  
[25] EN  
[54] FERRORESONANT TRANSFORMER BALLAST FOR MAINTAINING THE CURRENT OF GAS DISCHARGE LAMPS AT A PREDETERMINED VALUE  
[54] BALLASTE DE TRANSFORMATEUR FERRORESONNANT POUR LA REGULATION DU COURANT DES LAMPES A DECHARGE A GAZ  
[72] JANIK, RAYMOND G., US  
[73] SHAPE ELECTRONICS, INC., US  
[85] 1999-10-21  
[86] 1998-02-11 (PCT/US1998/003392)  
[87] (WO1998/054932)  
[30] US (08/866,743) 1997-05-30

[11] 2,288,666  
[13] C

[51] Int.Cl. 6C23C 22/00 6B32B 15/04 6C23C 22/08 6B05D 7/14 6C23C 22/23  
[25] EN  
[54] SURFACE-TREATED METAL PLATE AND METAL SURFACE TREATING FLUID  
[54] TOLE ENDUITE ET FLUIDE DE TRAITEMENT DE SURFACE POUR METAUX  
[72] TADOKORO, KENICHIRO, JP  
[72] SHOJI, HIROMASA, JP  
[72] SAKASHITA, MASAO, JP  
[73] NIPPON STEEL CORPORATION, JP  
[85] 1999-10-19  
[86] 1998-04-24 (PCT/JP1998/001915)  
[87] (WO1998/048075)  
[30] JP (9-106518) 1997-04-24

[11] 2,290,504  
[13] C

[51] Int.Cl. 7C11D 17/00 7C11D 3/10 7C11D 3/20 7C11D 3/32  
[25] EN  
[54] TABLETS, AND PROCESS FOR MAKING TABLETS  
[54] PASTILLES ET LEUR PROCEDE DE PRODUCTION  
[72] VAN DIJK, PAUL IRMA ALBERTUS, BE  
[72] RAHMAN, SONIA, BE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-11-16  
[86] 1998-05-18 (PCT/IB1998/000755)  
[87] (WO1998/054284)  
[30] EP (97870074.8) 1997-05-27

[11] 2,291,909  
[13] C

[51] Int.Cl. 7F16K 25/00 7F16K 1/42  
[25] EN  
[54] APPARATUS FOR IMPROVING THE SEATING OF AN ARMATURE FOR A WATER VALVE  
[54] APPAREIL POUR AMELIORER LE SIEGE D'UNE GARNITURE DE ROBINET  
[72] DUHACK, MICHAEL R., US  
[72] SMOCK, STEVE W., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1999-12-07  
[30] US (09/207,982) 1998-12-08

[11] 2,292,673  
[13] C

[51] Int.Cl. 7A61K 31/52  
[25] EN  
[54] PHARMACEUTICAL COMPOSITIONS CONTAINING ELETRIPTAN HEMISULPHATE  
[54] COMPOSITIONS PHARMACEUTIQUES CONTENANT HEMISULFATE D'ELETRIPTANE  
[72] BILLOTTE, ANNE, GB  
[72] HARDING, VALERIE DENISE, GB  
[73] PFIZER INC., US  
[85] 1999-12-06  
[86] 1998-07-01 (PCT/EP1998/004176)  
[87] (WO1999/001135)  
[30] GB (9714081.8) 1997-07-03  
[30] GB (9718270.3) 1997-08-28

[11] 2,294,164  
[13] C

[51] Int.Cl. 7G02F 3/00 7G11C 13/04  
[25] EN  
[54] OPTICAL LOGIC ELEMENT AND METHODS FOR RESPECTIVELY ITS PREPARATION AND OPTICAL ADDRESSING, AS WELL AS THE USE THEREOF IN AN OPTICAL LOGIC DEVICE  
[54] ELEMENT LOGIQUE OPTIQUE ET PROCEDES DE PREPARATION DUDIT ELEMENT AINSI QUE D'ADRESSAGE OPTIQUE, ET UTILISATION DUDIT ELEMENT DANS UN DISPOSITIF OPTIQUE LOGIQUE  
[72] GUDESEN, HANS GUDE, BE  
[72] NORDAL, PER-ERIK, NO  
[72] LEISTAD, GEIRR I., NO  
[73] THIN FILM ELECTRONICS ASA, NO  
[85] 1999-12-03  
[86] 1998-06-05 (PCT/NO1998/000168)  
[87] (WO1998/055897)  
[30] NO (972574) 1997-06-06

[11] 2,295,115  
[13] C

[51] Int.Cl. 7C11D 17/00 7C11D 3/395 7C11D 3/40 7C11D 1/72 7C11D 1/83  
[25] EN  
[54] NON-AQUEOUS, SPECKLE-CONTAINING LIQUID DETERGENT COMPOSITIONS  
[54] COMPOSITIONS DETERGENTES LIQUIDES NON AQUEUSES RENFERMANT DES MOUCHETURES  
[72] SMERZNAK, MARK ALLEN, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-23  
[86] 1998-06-08 (PCT/IB1998/000884)  
[87] (WO1999/000477)  
[30] US (60/051,154) 1997-06-27

[11] 2,295,649  
[13] C

[51] Int.Cl. 7G01D 21/00  
[25] EN  
[54] RIGHT ANGLE SENSOR  
[54] CAPTEUR FORMANT UN ANGLE DROIT  
[72] SMITH, WILLIAM L., US  
[73] SMITH, WILLIAM L., US  
[85] 2000-01-07  
[86] 1998-07-24 (PCT/US1998/015157)  
[87] (WO1999/006799)  
[30] US (08/903,569) 1997-07-31

**Brevets canadiens délivrés  
22 avril 2003**

[11] **2,295,743**  
[13] C

[51] **Int.Cl. 7C11D 17/04 7A61K 7/50 7A61K 9/70**  
[25] EN  
[54] **CLEANING ARTICLES COMPRISING A CELLULOSIC FIBROUS STRUCTURE HAVING DISCRETE LOW BASIS WEIGHT REGIONS AND AN INVERSE EMULSION**  
[54] **ARTICLES NETTOYANTS COMPRENANT UNE STRUCTURE FIBREUSE CELLULOSIQUE COMPORTANT DES ZONES DISCONTINUES DE MASSE SURFACIQUE TRAITEE AVEC UNE RE-EMULSION RICHE EN PHASE INTERNE**  
[72] NISSING, NICHOLAS JAMES, US  
[72] BARNHOLTZ, STEVEN LEE, US  
[72] CABELL, DAVID WILLIAM, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-30  
[86] 1998-07-01 (PCT/US1998/013627)  
[87] (WO1999/001536)  
[30] US (08/886,764) 1997-07-01

[11] **2,295,769**  
[13] C

[51] **Int.Cl. 7G01N 11/10**  
[25] EN  
[54] **MOISTURE SENSOR FOR ORE CONCENTRATES AND OTHER PARTICULATE MATERIALS**  
[54] **CAPTEUR D'HUMIDITE POUR CONCENTRE DE MINERAI ET AUTRE MATERIAUX PARTICULAIRES**  
[72] LUCAS, JOHN M., CA  
[72] ROSENBLUM, EPHRAIM, CA  
[73] NORANDA IPCO INC., CA  
[85] 1999-12-22  
[86] 1998-05-26 (PCT/CA1998/000510)  
[87] (WO1998/054561)  
[30] US (08/862,928) 1997-05-27

[11] **2,295,941**  
[13] C

[51] **Int.Cl. 7C11D 11/00 7C11D 17/06 7C11D 1/22 7C11D 1/29**  
[25] EN  
[54] **PROCESS FOR MAKING A LOW DENSITY DETERGENT COMPOSITION BY CONTROLLING NOZZLE HEIGHT IN A FLUID BED DRYER**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE DE FAIBLE DENSITE PAR COMMANDE DE LA HAUTEUR DE LA BUSE D'UN SECHOIR A LIT FLUIDE**  
[72] BEER, ALLEN DALE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-31  
[86] 1998-07-08 (PCT/US1998/014100)  
[87] (WO1999/003966)  
[30] US (60/052,472) 1997-07-14

[11] **2,298,392**  
[13] C

[51] **Int.Cl. 7G01R 31/08**  
[25] EN  
[54] **A METHOD OF ESTIMATING THE LOCATION OF A CABLE BREAK INCLUDING A MEANS TO MEASURE RESISTIVE FAULT LEVELS FOR CABLE SECTIONS**  
[54] **METHODE DE LOCALISATION DES BRIS DE CABLE COMPRENANT UN MOYEN DE MESURER LES NIVEAUX DES DEFAUTS RESISTIFS DANS DES SECTIONS DE CABLE**  
[72] VOKEY, DAVID E., US  
[72] LOEWEN, MYRON, CA  
[73] NORSCAN INSTRUMENTS LTD., CA  
[22] 2000-02-14

[11] **2,298,479**  
[13] C

[51] **Int.Cl. 7H01P 7/10 7H03B 7/00 7H01G 4/002**  
[25] EN  
[54] **SPIRAL SLOT LINE RESONATOR**  
[54] **RESONATEUR A LIGNE A FENTE SPIRALE**  
[72] TANAKA, HIROAKI, JP  
[72] IDA, YUTAKA, JP  
[72] IIO, KENICHI, JP  
[72] ISHIKAWA, YOHEI, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
[22] 2000-02-10  
[30] JP (11-44205) 1999-02-23  
[30] JP (11-190175) 1999-07-05  
[30] JP (2000-16855) 2000-01-26

[11] **2,298,937**  
[13] C

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **METHOD OF ROUTING CALLS IN AN AUTOMATIC CALL DISTRIBUTION NETWORK**  
[54] **METHODE DE ROUTAGE DES APPELS DANS UN RESEAU DE DISTRIBUTION AUTOMATIQUE DES APPELS**  
[72] MATHEWS, EUGENE P., US  
[72] REIMAN, MARTIN I., US  
[72] HYMUS, FRANCIS C., US  
[72] TAYLOR, JOHN Z., US  
[72] BORST, SIMON C., US  
[72] FLOCKHART, ANDREW D., US  
[72] SEERY, JUDITH B., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-17  
[30] US (09/266,283) 1999-03-11

[11] **2,300,587**  
[13] C

[51] **Int.Cl. 7H04M 3/493**  
[25] EN  
[54] **METHOD OF PROVIDING TRANSFER CAPABILITY ON WEB-BASED INTERACTIVE VOICE RESPONSE SERVICES**  
[54] **METHODE DE FOURNITURE D'UNE CAPACITE DE TRANSFERT POUR DES SERVICES WEB DE REPOSE VOCALE INTERACTIVE**  
[72] REHOR, KENNETH G., US  
[72] MATAGA, PETER ANDREW, US  
[72] DANIELSEN, PETER JOHN, US  
[72] BALL, THOMAS J., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-13  
[30] US (09/282,895) 1999-03-31

[11] **2,300,799**  
[13] C

[51] **Int.Cl. 7A44B 18/00**  
[25] EN  
[54] **MECHANICAL FASTENER**  
[54] **ATTACHE MECANIQUE**  
[72] IGAUE, TAKAMITSU, JP  
[72] BABA, TOSHIMITSU, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 2000-03-15  
[30] JP (11-83976) 1999-03-26

Canadian Patents Issued  
April 22, 2003

[11] 2,301,088  
[13] C

[51] Int.Cl. 7H04B 7/24 7H04Q 7/06  
7H04Q 7/08 7H04Q 7/10 7H04Q 7/12  
7H04Q 7/14 7H04Q 7/16 7H04Q 7/18  
7H04Q 7/20 7H04Q 7/22 7H04Q 7/24  
7H04B 7/26 7H01Q 3/26 7H04Q 7/26  
7H04Q 7/28 7H04Q 7/30 7H04Q 7/32  
7H04Q 7/34 7H04Q 7/36 7H04Q 7/38

[25] EN  
[54] RADIO COMMUNICATION  
APPARATUS AND TRANSMISSION  
POWER CONTROLLING METHOD  
[54] DISPOSITIF DE  
COMMUNICATION RADIO ET  
PROCEDE DE REGULATION DE LA  
PUISSANCE D'EMISSION

[72] HIRAMATSU, KATSUSHIKO, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[85] 2000-02-14  
[86] 1999-06-25 (PCT/JP1999/003424)  
[87] (WO2000/001093)  
[30] JP (10-182913) 1998-06-29

[11] 2,304,784  
[13] C

[51] Int.Cl. 6A61K 31/195 6A61K 9/70  
[25] EN  
[54] A TRANSDERMAL DRUG  
DELIVERY SYSTEM FOR ANTI-  
INFLAMMATORY ANALGESIC  
AGENT COMPRISING DICLOFENAC  
DIETHYLAMMONIUM SALT, AND  
THE MANUFACTURING METHOD  
THEREOF  
[54] SYSTEME D'ADMINISTRATION  
TRANSDERMIQUE DE MEDICAMENT  
POUR AGENT ANALGESIQUE ET  
ANTI-INFLAMMATOIRE  
COMPORTANT DU SEL DE  
DICLOFENAC-DIETHYLAMMONIUM  
ET PROCEDE DE FABRICATION  
CORRESPONDANT

[72] SONG, JIN DEOG, KR  
[72] YOON, HYE JEONG, KR  
[72] SHIM, YONG HO, KR  
[72] CHOI, YOUNG KWON, KR  
[72] PARK, CHUL MIN, KR  
[72] LEE, HEON HAN, KR  
[73] SAM YANG CO., LTD., KR  
[85] 2000-03-23  
[86] 1998-09-25 (PCT/KR1998/000295)  
[87] (WO1999/016434)  
[30] KR (97-49084) 1997-09-26

[11] 2,308,380  
[13] C

[51] Int.Cl. 6F24F 1/02  
[25] EN  
[54] AIR EXHAUST ACTUATOR FOR  
AN AIR CONDITIONER

[54] COMMANDE D'EVACUATION  
D'AIR POUR UN CONDITIONNEUR  
D'AIR  
[72] DA LUZ MORAES, LUCIANO, BR  
[73] CARRIER CORPORATION, US  
[85] 2000-05-03  
[86] 1998-09-16 (PCT/BR1998/000072)  
[87] (WO2000/016012)

[11] 2,308,780  
[13] C

[51] Int.Cl. 7C07K 5/065 7A61P 7/02  
7C07D 221/04 7A61K 38/05 7C07K 5/062  
7C07D 401/12 7A61K 31/403 7A61K 31/  
4439 7A61K 31/444 7A61K 31/4709  
7A61K 31/497 7C07D 209/52 7A61K 31/  
5377

[25] FR  
[54] NOUVEAUX DERIVES DE 2,3-  
METHANO-AMINOACIDES, LEUR  
PROCEDE DE PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT  
[54] NOVEL DERIVATIVES OF 2,3-  
METHANOAMINO ACIDS, PROCESS  
FOR THEIR PREPARATION AND  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING THEM

[72] RUPIN, ALAIN, FR  
[72] VERBEUREN, TONY, FR  
[72] DE NANTEUIL, GUILLAUME, FR  
[72] GLOANEC, PHILIPPE, FR  
[73] LES LABORATOIRES SERVIER, FR  
[22] 2000-05-03  
[30] FR (99/05601) 1999-05-03

[11] 2,310,363  
[13] C

[51] Int.Cl. 7A43B 23/07 7A43B 7/12  
[25] EN  
[54] WATERPROOF SHOE HAVING  
STITCH SEAM FOR DRAINAGE (I)  
[54] CHAUSSURE IMPERMEABLE  
AVEC COUTURE PERMETTANT  
L'EVACUATION DE L'EAU (I)

[72] CHEN, EDDIE, TW  
[73] CHEN, EDDIE, TW  
[22] 2000-05-30

[11] 2,310,709  
[13] C

[51] Int.Cl. 7H04L 7/08  
[25] EN  
[54] METHOD FOR TIME  
COORDINATION OF THE  
TRANSMISSION OF DATA ON A BUS  
[54] METHODE DE COORDINATION  
TEMPORELLE DE LA TRANSMISSION  
DES DONNEES PAR BUS

[72] BOTT, WOLFGANG, DE  
[72] KOLBLIN, ROBERT, DE  
[73] ENDRESS + HAUSER GMBH + CO.,  
DE  
[22] 2000-06-06  
[30] DE (199 26 075.3) 1999-06-08

[11] 2,314,853  
[13] C

[51] Int.Cl. 7H04Q 3/52 7H04J 14/02  
[25] EN  
[54] OPTICAL WAVELENGTH-SPACE  
CROSS-CONNECT SWITCH  
ARCHITECTURE

[54] ARCHITECTURE DE  
COMMUTATEUR  
D'INTERCONNEXION A  
ESPACEMENT DES LONGUEURS  
D'ONDES OPTIQUES  
[72] FATEHI, MOHAMMAD, US  
[72] KNOX, WAYNE HARVEY, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-02  
[30] US (09/370,824) 1999-08-09

[11] 2,316,092  
[13] C

[51] Int.Cl. 7A01F 29/06 7B01F 7/24  
[25] EN  
[54] VERTICAL FEED MIXER WITH  
AUGER HAVING CENTER POST WITH  
SLOPED TOP

[54] MELANGEUR D'ALIMENTS  
VERTICAL AVEC VIS SANS FIN  
MUNIE D'UN MONTANT CENTRAL A  
DESSUS INCLINE  
[72] TAMMINGA, JACOB R., CA  
[73] JAY-LOR FABRICATING INC., CA  
[22] 2000-08-10  
[30] US (60/148,587) 1999-08-13

**Brevets canadiens délivrés  
22 avril 2003**

---

[11] **2,316,299**  
[13] C

[51] **Int.Cl. 6H01B 1/12 6C08L 27/16 6H01M 10/40**  
[25] EN  
[54] **POLYMER ELECTROLYTE AND NONAQUEOUS BATTERY CONTAINING THE SAME**  
[54] **ELECTROLYTE POLYMER ET BATTERIE NON AQUEUSE COMPRENANT CET ELECTROLYTE**  
[72] ICHIKAWA, YUKIO, JP  
[72] HORIE, KATSUO, JP  
[72] KATSURAO, TAKUMI, JP  
[72] NAGAI, AISAKU, JP  
[73] KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-06-23  
[86] 1998-12-24 (PCT/JP1998/005848)  
[87] (WO1999/034372)  
[30] JP (366969/1997) 1997-12-26

---

[11] **2,316,625**  
[13] C

[51] **Int.Cl. 7B07B 1/42**  
[25] EN  
[54] **ROLLER SCREEN GAPPING SYSTEM**  
[54] **SYSTEME D'ESPACEMENT DE ROULEAUX DE TAMIS**  
[72] TIRSCHLER, EHRENFRIED A., CA  
[73] TIRSCHLER, EHRENFRIED A., CA  
[22] 2000-08-02  
[30] US (60/147,144) 1999-08-04

---

[11] **2,316,819**  
[13] C

[51] **Int.Cl. 6D01D 5/24 6D01F 6/60**  
[25] FR  
[54] **FILS TEXTILES MULTIFILAMENTAIRES A SECTION CREUSE, PROCEDE DE FABRICATION DE CES FILS, ET SURFACES TEXTILES OBTENUES AVEC CES FILS**  
[54] **MULTIFILAMENT TEXTILE YARNS WITH HOLLOW SECTION, METHOD FOR MAKING SAME, AND TEXTILE SURFACES OBTAINED FROM SAID YARNS**  
[72] ROGGENSTEIN, WALTER, DE  
[72] SCHAFFNER, UWE, DE  
[72] PELLERIN, VINCENT, IT  
[73] NYLSTAR, FR  
[85] 2000-06-28  
[86] 1998-12-23 (PCT/FR1998/002857)  
[87] (WO1999/034040)  
[30] FR (97/16833) 1997-12-29

---

---

[11] **2,319,663**  
[13] C

[51] **Int.Cl. 7F02C 3/34**  
[25] EN  
[54] **GAS TURBINE SYSTEM AND COMBINED PLANT COMPRISING THE SAME**  
[54] **TURBINE A GAZ AVEC INSTALLATION COMBINEE**  
[72] SUGISHITA, HIDEAKI, JP  
[72] MANDAI, SHIGEMI, JP  
[72] MORI, HIDETAKA, JP  
[72] AKITA, EIJI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-09-15  
[30] JP (11-284721) 1999-10-05

---

[11] **2,321,291**  
[13] C

[51] **Int.Cl. 6G09G 5/18 6H04N 5/14 6H04N 5/66**  
[25] EN  
[54] **VIDEO SIGNAL PROCESSOR**  
[54] **PROCESSEUR DE SIGNAUX VIDEO**  
[72] HAMADA, MASANORI, JP  
[72] MASUDA, HIROSHI, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-08-17  
[86] 1999-02-18 (PCT/JP1999/000706)  
[87] (WO1999/042989)  
[30] JP (10/36982) 1998-02-19

---

[11] **2,321,936**  
[13] C

[51] **Int.Cl. 7C09K 3/12**  
[25] EN  
[54] **TIRE SEALER AND INFLATING COMPOSITION AND METHOD OF USE**  
[54] **DISPOSITIF DE SCELLEMENT POUR PNEUS ET COMPOSITION DE GONFLEMENT ET MODE D'EMPLOI**  
[72] AMSZI, JOHN W., US  
[72] MATHEWS, RODERIC G., US  
[72] HOWE, MICHAEL W., US  
[73] PENNZOIL-QUAKER STATE COMPANY, US  
[22] 2000-10-26  
[30] US (60/212,744) 2000-06-20

---

---

[11] **2,323,908**  
[13] C

[51] **Int.Cl. 7H04M 3/00**  
[25] EN  
[54] **METHODS FOR PROCESSING OPERATOR SERVICES SYSTEM CALLS**  
[54] **PROCEDES ET SYSTEMES D'ACHEMENIMENT D'APPELS DE SERVICE D'OPERATEURS**  
[72] BERKOWITZ, RENEE, US  
[72] DOWNUM, WESLEY, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2000-09-12  
[86] 2000-01-03 (PCT/US2000/000047)  
[87] (WO2000/044153)  
[30] US (09/233,659) 1999-01-19

---

[11] **2,340,109**  
[13] C

[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANALYZING WEB-SERVER LOG FILES**  
[54] **ANALYSE DES FICHIERS JOURNAUX DE SERVEURS WEB, ET SYSTEME A CET EFFET**  
[72] SHAPIRA, ELIJAHU, US  
[72] BOYD, WILLIAM GLEN, US  
[73] NETIQ CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US1999/018282)  
[87] (WO2000/010093)  
[30] US (09/132,287) 1998-08-11

---

---

[11] **2,365,604**  
[13] C

[51] **Int.Cl. 7G06F 13/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSMITTING NRZ DATA SIGNALS ACROSS AN ISOLATION BARRIER DISPOSED IN AN INTERFACE BETWEEN ADJACENT DEVICES ON A BUS**  
[54] **METHODE ET APPAREIL DE TRANSMISSION DE SIGNAUX DE DONNEES NRZ A TRAVERS UNE BARRIERE ISOLANTE INSTALLEE DANS UNE INTERFACE MONTEE ENTRE DISPOSITIFS ADJACENTS SUR UN BUS**  
[72] OPRESCU, FLORIN, US  
[72] VAN BRUNT, ROGER, US  
[73] APPLE COMPUTER, INC., US  
[22] 1993-12-16  
[62] 2,151,373  
[30] US (07/999,155) 1992-12-31

---

Canadian Patents Issued  
April 22, 2003

---

[11] **2,367,542**

[13] C

[51] **Int.Cl. 7A43B 7/36 7H05F 3/02**  
[25] EN  
[54] **SAFETY FOOTWEAR**  
[54] **CHAUSSURES DE SECURITE**  
[72] BISSON, MICHEL, CA  
[73] STC FOOTWEAR INC., CA  
[85] 2002-01-23  
[86] 2001-09-13 (PCT/CA2001/001299)  
[87] (WO2002/026071)  
[30] US (09/671,138) 2000-09-28

---

[11] **2,374,407**

[13] C

[51] **Int.Cl. 7H02P 7/288 7H02H 7/08**  
**7A61M 5/168**  
[25] EN  
[54] **DIRECT CURRENT MONITOR**  
**SAFETY CIRCUITS FOR FLUID**  
**DELIVERY SYSTEMS**  
[54] **CIRCUITS DE SECURITE DE**  
**MOTEURS A COURANT CONTINU**  
**POUR SYSTEMES**  
**D'ADMINISTRATION DE FLUIDE**  
[72] MOBERG, SHELDON B., US  
[72] CAUSEY, JAMES D., III, US  
[72] RENGER, HERMAN LEE, US  
[73] MEDTRONIC MINIMED, INC., US  
[85] 2001-11-28  
[86] 2000-06-16 (PCT/US2000/016655)  
[87] (WO2000/079676)  
[30] US (09/335,008) 1999-06-17

---

[11] **2,393,475**

[13] C

[51] **Int.Cl. 7B01D 53/22**  
[25] EN  
[54] **HYDROGEN-SELECTIVE METAL**  
**MEMBRANE MODULES AND METHOD**  
**OF FORMING THE SAME**  
[54] **MODULES DE MEMBRANES**  
**METALLIQUES A SELECTIVITE POUR**  
**L'HYDROGENE ET PROCEDES DE**  
**FABRICATION**  
[72] EDLUND, DAVID J., US  
[72] STUDEBAKER, TODD, US  
[72] PLEDGER, WILLIAM A., US  
[73] IDATECH, LLC, US  
[85] 2002-08-19  
[86] 2001-03-22 (PCT/US2001/040364)  
[87] (WO2001/070376)  
[30] US (60/191,891) 2000-03-23  
[30] US (09/812,499) 2001-03-19

# Canadian Laid-Open Applications

March 30, 2003 - April 5, 2003

## Demands canadiennes mises à la disponibilité du public

30 mars 2003 - 5 avril 2003

---

[21] **2,357,527**  
[13] A1  
[51] Int.Cl. 7C07C 29/151 7C25B 1/04  
7C07C 31/04 7C01B 3/24  
[25] EN  
[54] METHANOL PRODUCTION  
PROCESS  
[54] PROCEDE DE PRODUCTION DE  
METHANOL  
[72] SHAW, JOHN M., CA  
[71] TECHNOLOGY CONVERGENCE  
INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,357,966**  
[13] A1  
[51] Int.Cl. 7G06F 17/60 7G06F 13/38  
[25] EN  
[54] METHOD AND SYSTEM FOR  
CREATING AND MANAGING SECURE  
SHARED WORKSPACES  
[54] METHODE ET SYSTEME DE  
CREATION ET DE GESTION DE  
POSTES DE TRAVAIL PROTEGES MIS  
EN COMMUN  
[72] VAN LEPEREN, TACO, CA  
[71] SMART TECHNOLOGIES INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,002**  
[13] A1  
[51] Int.Cl. 7E03D 9/052  
[25] EN  
[54] AN ODOUR EXTRACTION  
SYSTEM FOR A TOILET, URINAL,  
BIDET, AND THE LIKE  
[54] SYSTEME D'EXTRACTION  
D'ODEURS POUR CUVETTE DE  
TOILETTE, URINOIR, BIDET ET  
APPAREILS SANITAIRES  
ANALOGUES  
[72] VAN NIEKERK, JAN ANTONIE, ZA  
[71] FRESHFLOW SYSTEMS CC, ZA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,007**  
[13] A1  
[51] Int.Cl. 7G01N 1/00  
[25] EN  
[54] CERAMIC BIOMOLECULE  
IMAGING CHIP  
[54] PUCE D'IMAGERIE FAITE DE  
CERAMIQUE ET FONCTIONNANT A  
L'ECHELLE BIOMOLECULAIRE  
[72] RAHBAR-DEGHAN, FARIBORZ,  
CA  
[71] ROYCE TECHNOLOGIES LLC, A  
NEVADA CORPORATION, US  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,129**  
[13] A1  
[51] Int.Cl. 7H04L 12/22 7H04L 9/32  
7H04Q 7/36  
[25] EN  
[54] METHOD AND SYSTEM FOR  
DELIVERING CONFIDENTIAL  
INFORMATION  
[54] METHODE ET SYSTEME DE  
TRANSMISSION D'INFORMATIONS  
CONFIDENTIELLES  
[72] MULLEN, THOMAS J., CA  
[71] WMODE INC., CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,130**  
[13] A1  
[51] Int.Cl. 7H01H 3/02  
[25] EN  
[54] STATIC INDUCTION DEVICE FOR  
ACTIVATING SWITCHES  
[54] ACTIONNEUR D'INTERROMPTEUR  
A DISPOSITIF A INDUCTION  
STATIQUE  
[72] WEI, JUNG-TSUNG, TW  
[71] WEI, JUNG-TSUNG, TW  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,137**  
[13] A1  
[51] Int.Cl. 7H04L 29/02 7G06F 13/38  
[25] EN  
[54] SYSTEM AND METHOD FOR  
DISTRIBUTION OF SOFTWARE  
[54] SYSTEME ET METHODE DE  
DISTRIBUTION DE LOGICIELS  
[72] DAWSON, CHRISTOPHER BYRON,  
CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,141**  
[13] A1  
[51] Int.Cl. 7C09D 11/02  
[25] EN  
[54] PRINTING INK COMPOSITION  
[54] COMPOSITION D'ENCRE  
D'IMPRESSION  
[72] HORI, TOSHIHIKO, JP  
[72] FUKUDA, KOUICHI, JP  
[72] MATSUKI, TOMOHIRO, JP  
[72] ISHII, HIDEO, JP  
[72] SHIRAIISHI, TAKESHI, JP  
[71] DAINIPPON INK AND CHEMICALS,  
INC., JP  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,143**  
[13] A1  
[51] Int.Cl. 7C08F 8/00 7C08C 4/00 7C08C  
19/00 7C08J 7/12  
[25] EN  
[54] METHOD OF MODIFYING  
CROSSLINKED RUBBER  
[54] METHODE DE MODIFICATION  
DE CAOUTCHOUC RETICULE  
[72] TZOGANAKIS, COSTAS, CA  
[71] TZOGANAKIS, COSTAS, CA  
[22] 2001-10-02  
[43] 2003-04-02

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,358,147**  
[13] A1  
[51] **Int.Cl. 7F21V 21/04**  
[25] EN  
[54] **BUILT-IN LAMP APPARATUS FOR  
SUSPENDED CEILINGS**  
[54] **APPAREIL D'ECLAIRAGE  
INTEGRE POUR PLAFOND SUSPENDU**  
[72] HUNG, MING-HUA, TW  
[71] HUNG, MING-HUA, TW  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,148**  
[13] A1  
[51] **Int.Cl. 7B29C 45/20 7B29C 45/74**  
[25] EN  
[54] **A NOZZLE**  
[54] **BUSE D'INJECTION**  
[72] OLARU, GEORGE, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,158**  
[13] A1  
[51] **Int.Cl. 7A61K 35/78 7A61K 7/40  
7A61K 7/48**  
[25] EN  
[54] **ELASTASE INHIBITORS**  
[54] **INHIBITEURS DE L'ELASTASE**  
[72] HETHERINGTON, MARK, CA  
[72] STECK, WARREN, CA  
[71] FYTOKEM PRODUCTS INC., CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,169**  
[13] A1  
[51] **Int.Cl. 7H01S 5/40 7H01S 5/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
ILLUMINATING A SPATIAL LIGHT  
MODULATOR**  
[54] **METHODE ET APPAREIL  
D'ILLUMINATION D'UN  
MODULATEUR SPATIAL DE LUMIERE**  
[72] GOLDSTEIN, KOBİ, CA  
[72] REYNOLDS, MERITT WAYNE, CA  
[72] SHINKODA, ICHIRO, CA  
[72] WANG, TANGYU, CA  
[71] CREO PRODUCTS INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,173**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7B61L 25/00  
7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
COMPUTING DEMURRAGE CHARGES  
IN A PRIVATE RAIL SITE**  
[54] **METHODE ET SYSTEME DE  
CALCUL DES FRAIS DE SURESTARIES  
DANS UN SITE FERROVIAIRE PRIVE**  
[72] MACLEAN, ROBERT D., CA  
[72] HUIBERS, JOHN S., CA  
[71] CANAC INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,174**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24 7H04L 29/14**  
[25] EN  
[54] **A LABEL SWITCHED  
COMMUNICATION NETWORK AND  
SYSTEM AND METHOD FOR PATH  
RESTORATION**  
[54] **RESEAU DE COMMUNICATION A  
COMMUTATION PAR ETIQUETTES  
ET METHODE ET SYSTEME DE  
RETABLISSEMENT DES TRAJETS**  
[72] MARK, BARRY DING KEN, CA  
[72] CARPINI, WALTER JOSEPH, CA  
[72] PIEDA, PETER STEVEN, CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,176**  
[13] A1  
[51] **Int.Cl. 7B25H 3/02 7B65D 83/00**  
[25] EN  
[54] **CLEANING TOOL BOX**  
[54] **BOITE A OUTILS DE NETTOYAGE**  
[72] PARK, HYUK KOO, KR  
[71] PARK, HYUK KOO, KR  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,177**  
[13] A1  
[51] **Int.Cl. 7B32B 7/12 7G09F 3/02 7C09J  
7/02 7G09F 3/10**  
[25] EN  
[54] **LABEL FOR PHARMACEUTICAL  
PRESCRIPTIONS**  
[54] **ETIQUETTE DE PRESCRIPTION  
PHARMACEUTIQUE**  
[72] BERNIER, DANIEL, CA  
[72] RAMSAY, TED, CA  
[72] BILO, DETLEV, CA  
[71] BERNIER, DANIEL, CA  
[71] RAMSAY, TED, CA  
[71] BILO, DETLEV, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,181**  
[13] A1  
[51] **Int.Cl. 7B60R 21/34 7G05B 9/00  
7B60R 27/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
OPERATING A VEHICLE SAFETY  
ARM**  
[54] **METHODE ET APPAREIL DE  
COMMANDE DE BRAS DE SECURITE  
SUR VEHICULE**  
[72] PHILLIPS, WILLIAM R., CA  
[72] REAVELL, JAMES A., CA  
[71] B.M.R. MFG. INC., CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,187**  
[13] A1  
[51] **Int.Cl. 7B29C 45/74 7B29C 45/20**  
[25] EN  
[54] **NOZZLE SEAL**  
[54] **ETANCHEITE POUR BUSE DE  
MOULAGE**  
[72] OLARU, GEORGE, CA  
[72] BABIN, DENIS, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,188**  
[13] A1  
[51] **Int.Cl. 7A01K 77/00 7A01K 74/00**  
[25] EN  
[54] **HAND NET FRAME**  
[54] **CADRE DE RAQUETTE DE JEU**  
[72] YU, KUO-PIN, TW  
[71] YU, KUO-PIN, TW  
[22] 2001-10-02  
[43] 2003-04-02

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,358,198**  
[13] A1

[51] **Int.Cl. 7A63C 19/10**  
[25] EN  
[54] **ICE SKATING ARENA**  
[54] **PATINOIRE INTERIEURE**  
[72] BEYNON, MURRAY, CA  
[71] STADIUM CONSULTANTS  
INTERNATIONAL INC., CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,201**  
[13] A1

[51] **Int.Cl. 7H01S 5/40 7H01S 5/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
ILLUMINATING A SPATIAL LIGHT  
MODULATOR**  
[54] **METHODE ET APPAREIL  
D'ILLUMINATION D'UN  
MODULATEUR SPATIAL DE LUMIERE**  
[72] GOLDSTEIN, KOBI, CA  
[72] SHINKODA, ICHIRO, CA  
[72] REYNOLDS, MERITT WAYNE, CA  
[72] WANG, TANGYU, CA  
[71] CREO PRODUCTS INC., CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,206**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/24**  
[25] EN  
[54] **MULTI-WAVELENGTH OPTICAL  
ACCESS NETWORKS**  
[54] **RESEAUX D'ACCES OPTIQUES  
UTILISANT DE MULTIPLES  
LONGUEURS D'ONDE**  
[72] HATAMI-HANZA, HAMID, CA  
[72] AHMADVAND, NIMA, CA  
[71] PELETON PHOTONIC SYSTEMS  
INC., CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,242**  
[13] A1

[51] **Int.Cl. 7E21B 33/06**  
[25] EN  
[54] **ANNULAR PRESSURE SPOOL**  
[54] **RACCORD DE SUSPENSION A  
ETANCHEITE ANNULAIRE PAR  
GARNITURE GONFLABLE**  
[72] MITCHELL, BRUCE, CA  
[71] MITCHELL, BRUCE, CA  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,246**  
[13] A1

[51] **Int.Cl. 7F24C 15/10**  
[25] EN  
[54] **STOVETOP BURNER WITH  
SAFETY FEATURE**  
[54] **BRULEUR DE SURFACE DE  
CUISSON A DISPOSITIF DE SECURITE**  
[72] EDWARDS, CHRISTOPHER  
CHARLES, US  
[72] EDWARDS, STEPHEN PATRICK, US  
[71] EDWARDS, CHRISTOPHER  
CHARLES, US  
[71] EDWARDS, STEPHEN PATRICK, US  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,261**  
[13] A1

[51] **Int.Cl. 7B65D 1/28 7B32B 29/08  
7B32B 7/12 7B31B 7/74**  
[25] EN  
[54] **SHIPPING CONTAINER SYSTEM  
AND METHOD OF CONSTRUCTING  
SAME**  
[54] **CONTENEUR D'EXPEDITION ET  
METHODE DE CONSTRUCTION DU  
CONTENEUR**  
[72] NETTLETON, C. J. DAVID, CA  
[71] SERTAPAK INC., CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,267**  
[13] A1

[51] **Int.Cl. 7F25D 1/02 7A47G 23/04**  
[25] EN  
[54] **JUG COOLER**  
[54] **REFROIDISSEUR DE CRUCHE**  
[72] SCHNEIDER, TRAVIS, CA  
[72] PARSONS, JEREMY, CA  
[71] SCHNEIDER, TRAVIS, CA  
[71] PARSONS, JEREMY, CA  
[22] 2001-10-04  
[43] 2003-04-04

---

---

[21] **2,358,279**  
[13] A1

[51] **Int.Cl. 7B23K 37/04 7B23K 26/02**  
[25] EN  
[54] **HIGH SPEED WELDING  
APPARATUS WITH  
INTERCHANGEABLE WELD FIXTURE  
CAPABILITY**  
[54] **APPAREIL DE SOUDAGE HAUTE  
VITESSE A PORTE-PIECES A SOUDER  
INTERCHANGEABLES**  
[72] BISHOP, BOB, CA  
[71] BISHOP, BOB, CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,284**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
TRAFFIC MANAGEMENT IN PACKET  
NETWORKS USING RANDOM EARLY  
MARKING**  
[54] **METHODE ET SYSTEME DE  
GESTION DU TRAFIC DANS LES  
RESEAUX A COMMUTATION DE  
PAQUETS UTILISANT UN MARQUAGE  
PRECOCE ALEATOIRE**  
[72] ZBORIL, THOMAS GEORGE, CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2001-10-04  
[43] 2003-04-04

---

---

[21] **2,358,287**  
[13] A1

[51] **Int.Cl. 7C05G 5/00 7C05C 7/00**  
[25] EN  
[54] **CONTROLLED RELEASE RATE  
FERTILIZER AND METHODS OF  
MAKING SAME**  
[54] **ENGRAIS A LIBERATION  
CONTROLEE ET METHODE DE  
FABRICATION**  
[72] GRIST, MARK ERNEST, CA  
[72] HYNÉ, JAMES B., CA  
[72] YU, ZHIMIN, CA  
[71] ENERSUL INC, CA  
[22] 2001-10-05  
[43] 2003-04-05



Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,358,302**  
[13] A1  
[51] **Int.Cl. 7A41D 1/00 7A41B 1/00 7A41D 31/00**  
[25] EN  
[54] **SUPER ABSORBANT T-SHIRT**  
[54] **T-SHIRT ULTRA-ABSORBANT**  
[72] HULAN, LINDA, CA  
[71] HULAN, LINDA, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,358,307**  
[13] A1  
[51] **Int.Cl. 7A63B 67/14**  
[25] EN  
[54] **CURLING BROOM HANDLE**  
[54] **POIGNEE DE BALAI DE CURLING**  
[72] HERBUT, DAVID E., CA  
[71] HERBUT, DAVID E., CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,308**  
[13] A1  
[51] **Int.Cl. 7B60B 19/00**  
[25] EN  
[54] **WHEEL**  
[54] **ROUE**  
[72] SAWADA, MITSUO, JP  
[71] SAWADA, MITSUO, JP  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,326**  
[13] A1  
[51] **Int.Cl. 7C12M 1/00 7A61M 1/00 7C12Q 1/00 7A61K 35/14 7G01N 33/49 7G01N 33/554**  
[25] EN  
[54] **METHOD FOR SEPARATING CELLS USING DISCONTINUOUS DENSITY GRADIENT CENTRIFUGATION**  
[54] **METHODE DE SEPARATION DE CELLULES PAR CENTRIFUGATION A GRADIENT DE DENSITE DISCONTINUE**  
[72] WOODSIDE, STEVEN M., CA  
[71] STEMCELL TECHNOLOGIES INC., CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,358,335**  
[13] A1  
[51] **Int.Cl. 7C11D 7/12 7C11D 3/10**  
[25] EN  
[54] **MULTIPLE CARBONATE CLEANING COMPOUND**  
[54] **COMPOSE DE NETTOYAGE A CARBONATES MULTIPLES**  
[72] EBBERTS, JEFFREY N., US  
[71] EBBERTS ENTERPRISES, L.L.C., US  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,336**  
[13] A1  
[51] **Int.Cl. 7G09B 19/00 7A63B 71/00**  
[25] EN  
[54] **COACHING DEVICE AND METHOD OF USE**  
[54] **DISPOSITIF D'ENSEIGNEMENT DU JEU ET METHODE D'UTILISATION**  
[72] SOPPIT, JOHN STEWART, CA  
[71] SOPPIT, JOHN STEWART, CA  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,337**  
[13] A1  
[51] **Int.Cl. 7A01G 9/18**  
[25] EN  
[54] **GREENHOUSE CLIMATE CONTROL SYSTEM**  
[54] **SYSTEME DE CLIMATISATION DE SERRE**  
[72] KINNIS, RALPH ARTHUR, CA  
[71] KINNIS, RALPH ARTHUR, CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,339**  
[13] A1  
[51] **Int.Cl. 7E02F 3/40**  
[25] EN  
[54] **WEAR PLATE ASSEMBLY**  
[54] **PLAQUE D'USURE**  
[72] GRANT, JAMES, CA  
[71] PENINSULA ALLOY INC., CA  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,350**  
[13] A1  
[51] **Int.Cl. 7B62K 15/00 7B62K 21/12**  
[25] EN  
[54] **PEDAL CYCLE HANDLE FOLDING MECHANISM**  
[54] **MECANISME DE REPLIAGE DU GUIDON D'UN CYCLE A PEDALES**  
[72] CHEN, TING-HSING, TW  
[71] FAR GREAT PLASTICS INDUSTRIAL CO. LTD., TW  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,351**  
[13] A1  
[51] **Int.Cl. 7A41D 19/015 7A61B 19/04 7A41D 13/08**  
[25] EN  
[54] **DISPOSABLE GLOVE**  
[54] **GANT A JETER APRES USAGE**  
[72] HUANG, HSUN-HUI LIN, TW  
[71] HUANG, HSUN-HUI LIN, TW  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,358,352**  
[13] A1  
[51] **Int.Cl. 7A45B 17/00**  
[25] EN  
[54] **TILTABLE AND ROTATABLE CANOPY FRAME FOR A SUNSHADE**  
[54] **CADRE DE PARASOL TOURNANT ET INCLINABLE**  
[72] TUNG, PO-LUNG, CN  
[71] TUNG, PO-LUNG, CN  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,355**  
[13] A1  
[51] **Int.Cl. 7B65D 43/12**  
[25] EN  
[54] **CONTAINER**  
[54] **CONTENANT**  
[72] ELVIN-JENSON, FLEMMING, CA  
[71] ELVINCO TECHNOLOGIES INC., CA  
[22] 2001-10-05  
[43] 2003-04-05

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,358,368**  
[13] A1

[51] **Int.Cl. 7C25C 3/08 7C25C 7/00**  
**7C25C 7/06**  
[25] EN  
[54] **UNITE DE COLLECTE, DE NETTOYAGE ET DE CALIBRAGE DE CUVES D'ELECTROLYSE MISE EN OEUVRE POUR LA PRODUCTION D'ALUMINIUM**  
[54] **ELECTROLYTIC CELL COLLECTION, CLEANING AND CALIBRATING UNIT USED IN ALUMINUM PRODUCTION**  
[72] PIRON, GERARD, FR  
[72] HUON, SERGE, FR  
[71] A S M I, FR  
[71] REEL SA, FR  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,376**  
[13] A1

[51] **Int.Cl. 7C04B 14/06 7C09K 11/00**  
**7C04B 14/04 7B44F 9/04 7C04B 14/36**  
**7C04B 14/42**  
[25] EN  
[54] **ARTIFICIAL STONE AND FORMATION THEREFOR**  
[54] **PIERRE ARTIFICIELLE**  
[72] SAITO, KENICHIRO, JP  
[72] SAKAI, MIEKO, JP  
[72] YAMANASHI, SUMIYO, JP  
[71] DOPPEL CO., LTD., JP  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,379**  
[13] A1

[51] **Int.Cl. 7H04M 1/74 7H04M 11/06**  
**7H04M 1/72**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREVENTING SIGNAL LOSS IN UNTERMINATED BRIDGE TAPS**  
[54] **METHODE ET SYSTEME POUR EMPECHER LES PERTES DE SIGNAL DANS LES PRISES DE PONTAGE A IMPEDANCE NON ADAPTEE**  
[72] JEFFERY, ROSS A., CA  
[72] JAIRAM, MARC C., CA  
[71] ELYSIUM BROADBAND INC., CA  
[22] 2001-10-05  
[43] 2003-04-05

---

---

[21] **2,358,382**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7H04J 14/02**  
**7H04J 1/16 7H04L 12/26**  
[25] EN  
[54] **CHANNEL IDENTIFICATION IN COMMUNICATIONS NETWORKS**  
[54] **IDENTIFICATION DES CANAUX DANS LES RESEAUX DE COMMUNICATION**  
[72] WAN, PING WAI, CA  
[72] REMEDIOS, DERRICK, CA  
[72] JIN, DONGXING, CA  
[72] CHIMFWEMBE, PATRICK CHILUFYA, CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,398**  
[13] A1

[51] **Int.Cl. 7H01R 43/042**  
[25] EN  
[54] **CO-AXIAL TERMINATOR PRESS FITTING PLIERS**  
[54] **PINCE A SERTIR DE TERMINAISON DE CABLE COAXIAL**  
[72] LU, PO-HAO, CN  
[71] HANLONG IND. CO., LTD., TW  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,418**  
[13] A1

[51] **Int.Cl. 7H02M 5/06 7H02M 5/293**  
[25] EN  
[54] **PHASE CONVERTER**  
[54] **CONVERTISSEUR DE PHASE**  
[72] MEINERS, LARRY G., US  
[71] PHASE TECHNOLOGIES, LLC, US  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,419**  
[13] A1

[51] **Int.Cl. 7G01H 17/00 7G12B 5/00**  
[25] EN  
[54] **VIBRATION SENSOR DEVICE**  
[54] **DETECTEUR DE VIBRATIONS**  
[72] WEI, JUNG-TSUNG, TW  
[71] WEI, JUNG-TSUNG, TW  
[22] 2001-10-05  
[43] 2003-04-05

---

---

[21] **2,358,555**  
[13] A1

[51] **Int.Cl. 7E21B 43/24**  
[25] EN  
[54] **STEAM INJECTION PRESSURE IN A STEAM-ASSISTED GRAVITY DRAINAGE PROCESS**  
[54] **PRESSION D'INJECTION DE VAPEUR POUR PROCEDE DE DRAINAGE GRAVITAIRE PAR INJECTION DE VAPEUR**  
[72] ITO, YOSHIAKI, CA  
[71] ITO, YOSHIAKI, CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,559**  
[13] A1

[51] **Int.Cl. 7A61N 5/00**  
[25] EN  
[54] **LOW-ENERGY BRACHYTHERAPY SOURCES**  
[54] **SOURCES DE FAIBLE ENERGIE POUR LA BRACHYTHERAPIE**  
[72] TASCHEREAU, RICHARD, CA  
[72] POULIOT, JEAN, US  
[72] ROY, RENE, CA  
[71] TASCHEREAU, RICHARD, CA  
[71] POULIOT, JEAN, US  
[71] ROY, RENE, CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,358,563**  
[13] A1

[51] **Int.Cl. 7G06F 11/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING SOFTWARE TESTING**  
[54] **METHODE ET SYSTEME DE GESTION DES ESSAIS DE LOGICIELS**  
[72] GARTNER, JASON MICHAEL, CA  
[72] SLUIMAN, HARM, CA  
[72] PATERNOSTRO, LUIZ MARCELO AUCELIO, CA  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2001-10-05  
[43] 2003-04-05

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,358,648**  
[13] A1  
[51] **Int.Cl. 7A47L 9/00 7A47L 9/28**  
[25] FR  
[54] **ASPIRATEUR CENTRAL AVEC  
CONTROLE DE PUISSANCE  
VARIABLE**  
[54] **CENTRAL VACUUM SYSTEM  
WITH VARIABLE POWER CONTROL**  
[72] BRUNEAU, MARC, CA  
[71] LES INDUSTRIES TROVAC  
LIMITEE, CA  
[22] 2001-10-05  
[43] 2003-04-05

---

[21] **2,358,670**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND QUERY  
APPLICATION TOOL FOR  
SEARCHING HIERARCHICAL  
DATABASES**  
[54] **METHODE ET OUTIL DE  
CONSULTATION POUR EXPLORER  
LES BASES DE DONNEES  
HIERARCHIQUES**  
[72] PERRY, GARRY ERWIN, CA  
[72] ANNAND, RITCHIE IAN, CA  
[71] MALIBU ENGINEERING &  
SOFTWARE LTD., CA  
[22] 2001-10-11  
[43] 2003-04-02  
[30] US (09/968,922) 2001-10-02

---

[21] **2,358,937**  
[13] A1  
[51] **Int.Cl. 7B67B 7/18**  
[25] EN  
[54] **THE CONE**  
[54] **OUVRE-BOUEILLE/OUVRE-  
BOCAL**  
[72] ARMSTRONG, ANDREW BERNARD,  
CA  
[71] ARMSTRONG, ANDREW BERNARD,  
CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,359,069**  
[13] A1  
[51] **Int.Cl. 7B67B 7/18**  
[25] EN  
[54] **SEMI-AUTOMATIC JAR OPENER**  
[54] **OUVRE-BOCAL SEMI-  
AUTOMATIQUE**  
[72] TREMBLAY, DONALD, CA  
[71] TREMBLAY, DONALD, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,359,124**  
[13] A1  
[51] **Int.Cl. 7A24F 13/02 7A44C 9/00  
7A45F 5/00**  
[25] EN  
[54] **THE SMOKE RING**  
[54] **BAGUE PORTE-CIGARETTE**  
[72] CAMBRONNE, LEMOINE IVAN, CA  
[71] CAMBRONNE, LEMOINE IVAN, CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,359,232**  
[13] A1  
[51] **Int.Cl. 7A61L 2/26 7A61L 2/08**  
[25] EN  
[54] **CAPS/SEAL.VENT/BOBBER**  
[54] **CAPUCHON/FERMETURE/EVENT**  
[72] MOLONEY, LEONARD ARTHUR, CA  
[71] MOLONEY, LEONARD ARTHUR, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,359,445**  
[13] A1  
[51] **Int.Cl. 7H04B 15/02 7H05K 9/00  
7A61B 5/0402**  
[25] EN  
[54] **UNIVERSAL NARROW-BAND EMI  
FILTER**  
[54] **FILTRE ANTI-PERTURBATION  
ELECTROMAGNETIQUE A BANDE  
ETROITE UNIVERSEL**  
[72] KARIMI ZIARANI, ALIREZA, CA  
[71] KARIMI ZIARANI, ALIREZA, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,359,460**  
[13] A1  
[51] **Int.Cl. 7B60T 17/00 7B60S 5/00**  
[25] EN  
[54] **BRAKES BLEEDER ACTUATOR**  
[54] **COMMANDE DE PURGEUR DE  
CIRCUIT DE FREINAGE**  
[72] MASSEY, GILLES RENE, CA  
[71] MASSEY, GILLES RENE, CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,359,529**  
[13] A1  
[51] **Int.Cl. 7A01G 13/02 7B65B 11/00  
7B65D 85/52**  
[25] EN  
[54] **QUICK WRAP BURLAP**  
[54] **ENTOILAGE RAPIDE**  
[72] BROWN, PAUL, CA  
[71] BROWN, PAUL, CA  
[22] 2001-10-03  
[43] 2003-04-03

---

[21] **2,359,655**  
[13] A1  
[51] **Int.Cl. 7A41D 13/00 7A41B 9/12**  
[25] EN  
[54] **IMPROVED HOCKEY  
UNDERWEAR**  
[54] **SOUS-VETEMENT AMELIORE  
POUR HOCKEYEUR**  
[72] RIOUX, DANIEL, CA  
[72] EXANTUS, CARL, CA  
[71] RIOUX, DANIEL, CA  
[71] EXANTUS, CARL, CA  
[22] 2001-10-02  
[43] 2003-04-02

---

[21] **2,359,739**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **TASK AND RESOURCE  
INTEGRATION METHOD AND  
SYSTEM**  
[54] **METHODE ET SYSTEME  
D'INTEGRATION DES TACHES ET  
RESSOURCES**  
[72] BISHOP, GARY JOHN, CA  
[72] JAMES, DANIEL ZACHARY, CA  
[72] JAMES, DOUGLAS JOHN, CA  
[71] BISHOP, GARY JOHN, CA  
[71] JAMES, DANIEL ZACHARY, CA  
[71] JAMES, DOUGLAS JOHN, CA  
[22] 2001-10-04  
[43] 2003-04-04

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,359,743**  
[13] A1

[51] **Int.Cl. 7B67D 1/00 7B65D 83/00**  
**7B65D 25/04 7B65D 83/28 7B65D 33/38**  
[25] EN  
[54] **DIPENSER CONTAINER**  
[54] **CONTENANT-DISTRIBUTEUR**  
[72] PALMER, ALAN K., CA  
[71] PALMER, ALAN K., CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,359,762**  
[13] A1

[51] **Int.Cl. 7F24D 13/00 7H05B 1/02**  
[25] FR  
[54] **SYSTEME ADAPTABLE DE**  
**CONVERSION POUR PLAINT**  
**CHAUFFANTE ELECTRIQUE A**  
**CHALEUR RADIANTE**  
[54] **ADAPTABLE ELECTRICAL**  
**RADIANT HEAT BASEBOARD**  
**CONVERSION UNIT**  
[72] GAGNE, GUY, CA  
[71] GAGNE, GUY, CA  
[22] 2001-10-01  
[43] 2003-04-01

---

[21] **2,360,056**  
[13] A1

[51] **Int.Cl. 7A45C 1/06**  
[25] EN  
[54] **MO-MA WALLET**  
[54] **PORTE-MONNAIE**  
[72] NURMSE, AIME, CA  
[72] JOGI, ERIKA, CA  
[71] NURMSE, AIME, CA  
[71] JOGI, ERIKA, CA  
[22] 2001-10-04  
[43] 2003-04-04

---

[21] **2,361,415**  
[13] A1

[51] **Int.Cl. 7F16F 15/00**  
[25] EN  
[54] **VIBRATION AND SOUND**  
**DAMPENER FOR HEAVY**  
**MACHINERY**  
[54] **AMORTISSEUR DE VIBRATIONS**  
**ET ATTENUATEUR DE BRUIT POUR**  
**MACHINERIE LOURDE**  
[72] BARRON, JOEL, US  
[72] HERREN, ANDREW JAMES, US  
[71] METAL-LITE, INC., US  
[22] 2001-11-06  
[43] 2003-04-02  
[30] US (09/970,057) 2001-10-02

---

---

[21] **2,361,913**  
[13] A1

[51] **Int.Cl. 7H05B 41/14**  
[25] EN  
[54] **REMOTE DISCHARGE LAMP**  
**IGNITION CIRCUITRY**  
[54] **CIRCUIT D'ALLUMAGE ELOIGNE**  
**DE LAMPE A DECHARGE**  
[72] FLORY, ISAAC L., IV, US  
[72] HUDSON, CHRISTOPHER A., US  
[71] HUBBELL INCORPORATED, US  
[22] 2001-11-13  
[43] 2003-04-03  
[30] US (09/969,101) 2001-10-03

---

[21] **2,361,968**  
[13] A1

[51] **Int.Cl. 7A01M 1/22 7A01M 1/20**  
[25] EN  
[54] **APPARATUS FOR ATTRACTING**  
**AND KILLING INSECTS**  
[54] **DISPOSITIF A ATTIRER ET A**  
**DETRUIRE LES INSECTES**  
[72] ASKIN, CLINTON G., CA  
[71] ASKIN, CLINTON G., CA  
[22] 2001-11-09  
[43] 2003-04-03  
[30] US (09/968,909) 2001-10-03

---

[21] **2,361,989**  
[13] A1

[51] **Int.Cl. 7B60N 2/24 7A01K 29/00**  
[25] EN  
[54] **TALBOT'S PET CAR SEAT**  
[54] **SIEGE-AUTO DE TALBOT POUR**  
**ANIMAL DE COMPAGNIE**  
[72] TALBOT, MAUREEN C., CA  
[71] TALBOT, MAUREEN C., CA  
[22] 2001-10-25  
[43] 2003-04-03

---

[21] **2,363,289**  
[13] A1

[51] **Int.Cl. 7B60G 21/055**  
[25] EN  
[54] **VEHICLE ANTISWAY BAR**  
[54] **BARRE ANTIROULIS**  
[72] PETERSON, DAVID, US  
[71] FEATHERLITE, INC., US  
[22] 2001-11-16  
[43] 2003-04-04  
[30] US (09/970,629) 2001-10-04

---

---

[21] **2,363,857**  
[13] A1

[51] **Int.Cl. 7E21B 23/00**  
[25] EN  
[54] **CONCENTRIC CASING JACK**  
[54] **LEVE-TUBE CENTREUR**  
[72] HUGHES, W. JAMES, US  
[72] DUNBAR, MARK EDWARD, US  
[71] HUGHES, W. JAMES, US  
[22] 2001-11-27  
[43] 2003-04-04  
[30] US (09/971,308) 2001-10-04

---

[21] **2,365,473**  
[13] A1

[51] **Int.Cl. 7G06F 17/21**  
[25] EN  
[54] **CONTEXT SENSITIVE FONT**  
**GENERATION**  
[54] **GENERATION DE POLICES**  
**SENSIBLE AU CONTEXTE**  
[72] HUGHES, ROBERT E., JR., US  
[72] FLAGG, MICHAEL J., US  
[72] COFFEY, CHADWICK C., US  
[71] HALLMARK CARDS,  
INCORPORATED, US  
[22] 2001-12-18  
[43] 2003-04-03  
[30] US (09/970,527) 2001-10-03

---

[21] **2,365,757**  
[13] A1

[51] **Int.Cl. 7G02B 6/42 7H04J 14/02**  
[25] EN  
[54] **OPTICAL MULTIPLEXER/**  
**DEMULTIPLEXER**  
[54] **MULTIPLEXEUR/**  
**DEMULTIPLEXEUR OPTIQUE**  
[72] MATSUURA, HIROSHI, JP  
[72] SUEMATSU, KATSUKI, JP  
[72] KONISHI, MIEKO, JP  
[71] THE FURUKAWA ELECTRIC CO.,  
LTD., JP  
[22] 2001-12-21  
[43] 2003-04-05  
[30] JP (2001-310351) 2001-10-05

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,367,705**  
[13] A1  
[51] **Int.Cl. 7B05C 21/00 7B44D 3/00 7B05C 11/11**  
[25] EN  
[54] **MOLDED PLASTIC PAINT ROLLER TRAY**  
[54] **BAC A PEINTURE EN PLASTIQUE MOULE POUR PEINTURAGE AU ROULEAU**  
[72] TENNANT, STEVEN C., US  
[71] THE WOOSTER BRUSH COMPANY, US  
[22] 2002-01-16  
[43] 2003-04-02  
[30] US (09/969,088) 2001-10-02

---

[21] **2,370,891**  
[13] A1  
[51] **Int.Cl. 7A01D 47/00**  
[25] EN  
[54] **CROP HARVESTING HEADER WITH CAM CONTROLLED MOVEMENT OF THE REEL FINGERS**  
[54] **TETE DE MOISSONNEUSE A COMMANDE DU MOUVEMENT DES DOIGTS ROTATIFS PAR CAME**  
[72] SNIDER, GEOFFREY U., CA  
[72] REMILLARD, RHEAL G., CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 2002-02-08  
[43] 2003-04-01  
[30] US (60/325,544) 2001-10-01

---

[21] **2,372,940**  
[13] A1  
[51] **Int.Cl. 7A61G 17/00 7B44C 5/04**  
[25] EN  
[54] **PERSONALIZED CASKET ORNAMENT DISPLAY PLAQUE**  
[54] **PLAQUE D’AFFICHAGE PERSONNALISE DECORATIVE POUR CERCUEIL**  
[72] WESSEL, CHRISTOPHER M., US  
[72] GROEMMINGER, BRIAN K., US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2002-02-22  
[43] 2003-04-05  
[30] US (09/972,464) 2001-10-05

---

[21] **2,379,458**  
[13] A1  
[51] **Int.Cl. 7B05C 9/14 7B05C 5/04**  
[25] EN  
[54] **APPLICATOR ASSEMBLY FOR APPLICATION OF ADHESIVES, SEALANTS AND COATINGS**  
[54] **APPLICATEUR D’ADHESIFS, D’AGENTS D’ETANCHEITE ET DE REVETEMENTS**  
[72] BIEN, FRANK C., US  
[71] URECOATS MANUFACTURING, INC., US  
[22] 2002-03-28  
[43] 2003-04-03  
[30] US (09/970,126) 2001-10-03

---

[21] **2,383,403**  
[13] A1  
[51] **Int.Cl. 7B25H 3/02**  
[25] EN  
[54] **TOOL BOX**  
[54] **BOITE A OUTIL**  
[72] LAM, ANDY, CA  
[71] THE MIBRO GROUP, CA  
[22] 2002-04-25  
[43] 2003-04-02  
[30] US (09/968,619) 2001-10-02

---

[21] **2,386,116**  
[13] A1  
[51] **Int.Cl. 7A47B 96/00**  
[25] EN  
[54] **MODULAR HOUSING**  
[54] **HABITATION MODULAIRE**  
[72] WESTWINKEL, FLORIAN G., CA  
[71] WESKO LOCKS LTD., CA  
[22] 2002-05-13  
[43] 2003-04-03  
[30] US (09/969,151) 2001-10-03

---

[21] **2,386,315**  
[13] A1  
[51] **Int.Cl. 7C08L 23/24 7B01D 19/04**  
[25] EN  
[54] **DEFOAMING METHODS AND COMPOSITIONS**  
[54] **METHODE ET COMPOSITIONS DE DEMOUSSAGE**  
[72] ZAMORA, FRANK, US  
[72] CHATTERJI, JITEN, US  
[72] CROMWELL, ROGER S., US  
[72] KING, BOBBY J., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2002-05-14  
[43] 2003-04-02  
[30] US (09/969,279) 2001-10-02

---

[21] **2,387,940**  
[13] A1  
[51] **Int.Cl. 7A47L 9/16**  
[25] EN  
[54] **GRILL ASSEMBLY OF A CYCLONE DUST COLLECTING APPARATUS FOR A VACUUM CLEANER**  
[54] **GRILLE DE COLLECTEUR DE POUSSIERE A CYCLONE POUR ASPIRATEUR**  
[72] CHOI, MIN-JO, KR  
[72] LEE, BYUNG-JO, KR  
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
[22] 2002-05-29  
[43] 2003-04-05  
[30] KR (2001-61470) 2001-10-05

---

[21] **2,389,126**  
[13] A1  
[51] **Int.Cl. 7A47D 15/00**  
[25] EN  
[54] **INFANT SUPPORT WITH ENTERTAINMENT DEVICE**  
[54] **SUPPORT D’ENFANT AVEC DISPOSITIF DE DIVERTISSEMENT**  
[72] ASBACH, RONALD M., US  
[72] MAHLSTEDT, CURT JONATHAN, US  
[71] MATTEL, INC., US  
[22] 2002-06-05  
[43] 2003-04-05  
[30] US (09/971,003) 2001-10-05

---

[21] **2,390,313**  
[13] A1  
[51] **Int.Cl. 7A47D 1/10**  
[25] EN  
[54] **SUSPENDED SEAT**  
[54] **SIEGE SUSPENDU**  
[72] JULIEN, CHRISTINE E., US  
[71] GRACO CHILDREN’S PRODUCTS, INC., US  
[22] 2002-06-11  
[43] 2003-04-02  
[30] US (09/968,719) 2001-10-02

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,390,314**  
[13] A1

[51] **Int.Cl. 7B62B 9/00**  
[25] EN  
[54] **INFANT RETENTION MEMBER FOR A STROLLER**  
[54] **DISPOSITIF DE RETENUE D'ENFANT POUR POUSETTE**  
[72] GREGER, JEFF G., US  
[72] TANKEL, JESSLYN E., US  
[71] GRACO CHILDREN'S PRODUCTS, INC., US  
[22] 2002-06-11  
[43] 2003-04-03  
[30] US (09/969,141) 2001-10-03

---

[21] **2,390,731**  
[13] A1

[51] **Int.Cl. 7A47D 13/10 7A63G 9/00**  
[25] EN  
[54] **COLLAPSIBLE INFANT SWING**  
[54] **BALANCELLE REPLIABLE POUR BEBE**  
[72] KANE, MICHAEL T., US  
[72] ARMBRUSTER, MICHAEL D., US  
[72] CANNA, JOHN S., US  
[72] SONNER, ROBERT, US  
[71] MATTEL, INC., US  
[22] 2002-06-13  
[43] 2003-04-02  
[30] US (09/968,498) 2001-10-02

---

[21] **2,391,729**  
[13] A1

[51] **Int.Cl. 7B65H 37/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR APPLYING OPTICAL FILM TO GLASS**  
[54] **METHODE ET APPAREIL D'APPLICATION D'UNE PELLICULE DECORATIVE SUR PANNEAU DE VERRE**  
[72] BRIESE, WILLIAM A., US  
[71] GLASS EQUIPMENT DEVELOPMENT, INC., US  
[22] 2002-06-26  
[43] 2003-04-01  
[30] US (10/032,850) 2001-10-01

---

[21] **2,390,321**  
[13] A1

[51] **Int.Cl. 7B62B 9/20**  
[25] EN  
[54] **ADJUSTABLE CABLE COMPENSATING KNUCKLE FOR A STROLLER**  
[54] **ARTICULATION REGLABLE DE REPRISE DU MOU POUR POUSETTE**  
[72] NEWHARD, DANIEL N., US  
[71] GRACO CHILDREN'S PRODUCTS, INC., US  
[22] 2002-06-11  
[43] 2003-04-03  
[30] US (09/969,162) 2001-10-03

---

[21] **2,390,798**  
[13] A1

[51] **Int.Cl. 7H04B 1/00 7H04B 7/00 7A61J 17/00**  
[25] EN  
[54] **TWO-WAY COMMUNICATION BABY MONITOR WITH A SOOTHING UNIT**  
[54] **APPAREIL DE SURVEILLANCE A CAPACITE DE COMMUNICATION BIDIRECTIONNELLE ET UNITE APAISE-BEBE**  
[72] WEPPNER, MARK H., US  
[72] FITZGERALD, KAREN, US  
[72] GUBITOSI, DOMENIC T., US  
[71] MATTEL, INC., US  
[22] 2002-06-14  
[43] 2003-04-04  
[30] US (09/970,022) 2001-10-04

---

[21] **2,393,097**  
[13] A1

[51] **Int.Cl. 7A47K 11/00**  
[25] EN  
[54] **POTTY TRAINING DEVICE**  
[54] **DISPOSITIF D'APPRENTISSAGE DE LA PROPRETE**  
[72] FITZGERALD, KAREN, US  
[72] GUBITOSI, DOMENIC THOMAS, US  
[72] MAUL, JOHN MARTIN, US  
[72] ARMBRUSTER, MICHAEL DEAN, US  
[71] MATTEL, INC., US  
[22] 2002-07-11  
[43] 2003-04-04  
[30] US (09/970,030) 2001-10-04

---

[21] **2,390,392**  
[13] A1

[51] **Int.Cl. 7H02K 13/00 7F04D 17/08**  
[25] EN  
[54] **ELECTRIC MOTOR AND BRUSH RETAINING ASSEMBLY**  
[54] **MOTEUR ELECTRIQUE DISPOSITIF PORTE-BALAI**  
[72] WU, HUANBO, US  
[72] MILLER, R., CRAIG, US  
[72] MARSDEN, JEFFREY D., US  
[72] FINKENBINDER, DAVID B., US  
[71] AMETEK, INC., US  
[22] 2002-07-03  
[43] 2003-04-01  
[30] US (09/970,360) 2001-10-01

---

[21] **2,390,987**  
[13] A1

[51] **Int.Cl. 7B60R 9/04**  
[25] EN  
[54] **ARTICLE CARRIER HAVING SINGLE SIDED RELEASABLE CROSS BAR**  
[54] **PORTE-OBJET A BARRE DE RETENUE DEVERROUILLABLE AUX DEUX EXTREMITES**  
[72] POTTER, DONALD R., US  
[72] MICHIE, GORDON E., US  
[72] AFTANAS, JEFFREY M., US  
[72] SELLERS, LAMBERT F., CA  
[71] JAC PRODUCTS, INC., US  
[22] 2002-06-19  
[43] 2003-04-05  
[30] US (09/971,838) 2001-10-05

---

[21] **2,393,118**  
[13] A1

[51] **Int.Cl. 7A47D 13/00**  
[25] EN  
[54] **INFANT ACTIVITY CENTER**  
[54] **CENTRE D'ACTIVITE POUR BEBE**  
[72] BAPST, DAVID M., US  
[72] SCHROTH, JENNIFER A., US  
[72] RHEIN, JOHN FRANCIS, US  
[71] MATTEL, INC., US  
[22] 2002-07-11  
[43] 2003-04-02  
[30] US (09/968,499) 2001-10-02

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,393,123**  
[13] A1  
[51] **Int.Cl. 7G08B 21/18 7G08B 3/00 7G08C 23/02**  
[25] EN  
[54] **VIBRATING MONITOR SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE ET D'ALERTE VIBRATOIRE**  
[72] FITZGERALD, KAREN, US  
[72] GUBITOSI, DOMENIC THOMAS, US  
[72] WEPPNER, MARK H., US  
[72] BROWN, BRYAN M., US  
[71] MATTEL, INC., US  
[22] 2002-07-11  
[43] 2003-04-04  
[30] US (09/969,610) 2001-10-04

---

[21] **2,394,212**  
[13] A1  
[51] **Int.Cl. 7E21B 10/22**  
[25] EN  
[54] **ROTARY CONE BIT WITH IMPROVED THRUST BEARING**  
[54] **TREPAN ROTATIF A CONES A PALIER DE BUTEE AMELIORE**  
[72] VAREL, DANIEL W., SR., US  
[71] VAREL INTERNATIONAL, INC., US  
[22] 2002-07-18  
[43] 2003-04-05  
[30] US (09/972,216) 2001-10-05

---

[21] **2,397,190**  
[13] A1  
[51] **Int.Cl. 7B64C 7/00**  
[25] FR  
[54] **AERONEF A CARENAGE VENTRAL ET JOINT POUR UN TEL AERONEF**  
[54] **AIRCRAFT HAVING A BELLY FAIRING, AND SEAL JOINT FOR SUCH AIRCRAFT**  
[72] MAURY, JEAN-PIERRE, FR  
[72] MILHAU, ALAIN, FR  
[72] PAULY, BERNARD, FR  
[71] AIRBUS FRANCE, FR  
[22] 2002-08-08  
[43] 2003-04-05  
[30] FR (01 12 829) 2001-10-05

---

[21] **2,397,463**  
[13] A1  
[51] **Int.Cl. 7B60H 1/24**  
[25] EN  
[54] **HVAC CONTROL SYSTEM FOR A MULTIZONED VEHICLE**  
[54] **SYSTEME DE COMMANDE DE CLIMATISATION MULTIZONE POUR VEHICULE**  
[72] TAO, MICHIKAZU JODY, US  
[72] BERTALAN, RICHARD PAUL, US  
[72] BAKER, STEVEN L., US  
[71] PACCAR INC, US  
[22] 2002-08-08  
[43] 2003-04-02  
[30] US (09/970,031) 2001-10-02

---

[21] **2,398,512**  
[13] A1  
[51] **Int.Cl. 7A61G 17/08 7B65D 85/00**  
[25] EN  
[54] **CREMATION REMAINS CONTAINER**  
[54] **RECIPIENT POUR CENDRES DE CREMATION**  
[72] PARKER, DANIEL J., US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2002-08-15  
[43] 2003-04-05  
[30] US (09/972,093) 2001-10-05

---

[21] **2,398,831**  
[13] A1  
[51] **Int.Cl. 7H05K 1/00 7H01P 3/08**  
[25] EN  
[54] **ELECTRONIC COMPONENT-MOUNTING SUBSTRATE AND ELECTRONIC COMPONENTS**  
[54] **SUPPORT DE COMPOSANT ELECTRONIQUE ET COMPOSANTS ELECTRONIQUES**  
[72] OOE, SATOSHI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2002-08-20  
[43] 2003-04-02  
[30] JP (2001-305935) 2001-10-02

---

[21] **2,399,841**  
[13] A1  
[51] **Int.Cl. 7A47C 4/00**  
[25] EN  
[54] **CHAIR WITH FOLDABLE BACK-REST**  
[54] **CHAISE A DOSSIER REPLIABLE**  
[72] ALAMPI, UGO, IT  
[71] COMPAS S.R.L., IT  
[22] 2002-08-27  
[43] 2003-04-05  
[30] IT (MI2001U 000539) 2001-10-05

---

[21] **2,400,262**  
[13] A1  
[51] **Int.Cl. 7H01M 2/18**  
[25] EN  
[54] **FUEL CELL SEPARATOR**  
[54] **SEPARATEUR DE PILE A COMBUSTIBLE**  
[72] OCHI, TSUTOMU, JP  
[72] TAKAHASHI, TSUYOSHI, JP  
[72] INAGAKI, TOSHIYUKI, JP  
[72] NIIMI, HARUHISA, JP  
[72] KAJIO, KATSUHIRO, JP  
[72] ASAI, YASUYUKI, JP  
[72] WADA, MIKIO, JP  
[72] HIBINO, KOUETSU, JP  
[72] ZENG, YIXIN, JP  
[72] YAGAMI, YUICHI, JP  
[72] SUZUKI, TOSHIYUKI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2002-09-19  
[43] 2003-04-01  
[30] JP (2001-305239) 2001-10-01

---

[21] **2,400,878**  
[13] A1  
[51] **Int.Cl. 7E04B 5/43 7B65G 57/16**  
[25] EN  
[54] **HEAVY-DUTY FLOOR PANEL FOR A RAISED ACCESS FLOOR SYSTEM**  
[54] **PANNEAU DE PLANCHER ROBUSTE POUR PLANCHER TECHNIQUE**  
[72] SCISSOM, JAMES DONALD, US  
[71] MAXCESS TECHNOLOGIES, INC., US  
[22] 2002-08-29  
[43] 2003-04-05  
[30] US (09/970,678) 2001-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,401,068**  
[13] A1

[51] **Int.Cl. 7E21B 33/10**  
[25] EN  
[54] **ISOLATION OF SUBTERRANEAN ZONES**  
[54] **ISOLATION DE ZONES SOUTERRAINES**  
[72] RING, LEV, US  
[72] BRISCO, DAVID PAUL, US  
[72] COOK, ROBERT LANCE, US  
[72] WADDELL, KEVIN, US  
[71] SHELL OIL COMPANY, US  
[22] 2002-08-30  
[43] 2003-04-03  
[30] US (09/969,922) 2001-10-03

---

[21] **2,401,938**  
[13] A1

[51] **Int.Cl. 7H05K 9/00 7H05K 7/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SHIELDING A DEVICE**  
[54] **APPAREIL ET METHODE DE BLINDAGE**  
[72] RICHARDSON, PATRICK J., US  
[72] WONG, SUZANNE M., US  
[71] MOTOROLA, INC., US  
[22] 2002-09-09  
[43] 2003-04-05  
[30] US (09/972,393) 2001-10-05

---

[21] **2,402,827**  
[13] A1

[51] **Int.Cl. 7C21B 13/00 7C21B 13/14**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING MOLTEN IRON**  
[54] **METHODE ET APPAREIL DE PRODUCTION DE FONTE**  
[72] TOKUDA, KOJI, JP  
[72] ITO, SHUZO, JP  
[72] EDGAR, ROBERT F., US  
[72] SIMMONS, JAMES C., US  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[22] 2002-09-11  
[43] 2003-04-01  
[30] US (09/965857) 2001-10-01

---

---

[21] **2,402,946**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04Q 7/38**  
[25] EN  
[54] **MOBILE TERMINAL APPARATUS AND SYSTEM SELECTING METHOD**  
[54] **POSTE TERMINAL MOBILE ET METHODE DE SELECTION DE SYSTEMES**  
[72] ISHIKURA, AKIRA, JP  
[72] SAKAGAWA, TAKASHI, JP  
[72] KIYOMOTO, MORIAKI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2002-09-12  
[43] 2003-04-05  
[30] JP (2001-310313) 2001-10-05

---

[21] **2,402,957**  
[13] A1

[51] **Int.Cl. 7A47L 15/42 7E06B 5/00**  
[25] EN  
[54] **MOLDED PLASTIC DISHWASHER DOOR ASSEMBLY**  
[54] **PORTE DE LAVE-VAISSELLE EN PLASTIQUE MOULE**  
[72] SCHOBER, STEPHEN D., US  
[72] MANKE, DARRIN S., US  
[71] MAYTAG CORPORATION, US  
[22] 2002-09-12  
[43] 2003-04-05  
[30] US (09/970,672) 2001-10-05

---

[21] **2,402,976**  
[13] A1

[51] **Int.Cl. 7B65G 49/05 7B29C 51/18**  
[25] EN  
[54] **MATERIAL GRIPPER FEED SYSTEM**  
[54] **ALIMENTATEUR A PINCE DE PREHENSION**  
[72] FREEMAN, SCOTT, US  
[71] INTIER AUTOMOTIVE INC., CA  
[22] 2002-09-12  
[43] 2003-04-01  
[30] US (60/326,292) 2001-10-01

---

---

[21] **2,403,060**  
[13] A1

[51] **Int.Cl. 7E21B 17/00 7G05B 15/00 7F04B 47/02 7E21B 43/12**  
[25] EN  
[54] **METHODS, APPARATUS AND PRODUCTS USEFUL IN THE OPERATION OF A SUCKER ROD PUMP DURING THE PRODUCTION OF HYDROCARBONS**  
[54] **METHODES, APPAREILS ET PRODUITS UTILES POUR L'EXTRACTION D'HYDROCARBURES PAR POMPE A TIGES**  
[72] DORADO, DONEIL M., US  
[72] GIBBS, SAM GAVIN, US  
[72] BRAMLETT, BOBBY R., US  
[72] NOLEN, KENNETH BERNARD, US  
[72] BOYER, LEMOYNE, US  
[71] DORADO, DONEIL M., US  
[71] GIBBS, SAM GAVIN, US  
[71] BRAMLETT, BOBBY R., US  
[71] NOLEN, KENNETH BERNARD, US  
[71] BOYER, LEMOYNE, US  
[22] 2002-09-13  
[43] 2003-04-02  
[30] US (09/970,041) 2001-10-02

---

[21] **2,403,445**  
[13] A1

[51] **Int.Cl. 7C09D 133/24 7C09D 123/08 7C09D 133/12**  
[25] EN  
[54] **IMPROVED COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT AMELIOREE**  
[72] ZHANG, WEI, US  
[72] PRESSLEY, OZZIE MOORE, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2002-09-16  
[43] 2003-04-01  
[30] US (60/326,349) 2001-10-01

---

[21] **2,403,810**  
[13] A1

[51] **Int.Cl. 7B08B 5/02 7B05B 15/12 7B05B 7/14**  
[25] EN  
[54] **DUCT CLEANING FOR POWDER SPRAY SYSTEM**  
[54] **NETTOYAGE DE CONDUIT D'AMENEE POUR SYSTEME D'ENDUCTION PAR POUDRAGE**  
[72] FENIK, LARRY R., US  
[71] NORDSON CORPORATION, US  
[22] 2002-09-17  
[43] 2003-04-05  
[30] US (60/327,260) 2001-10-05  
[30] US (10/060,443) 2002-01-30

---



Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

[21] **2,403,873**  
[13] A1

[51] **Int.Cl. 7B65D 81/34**  
[25] EN  
[54] **MICROWAVE SHIELD FOR FOOD CONTAINER AND METHOD OF APPLICATION**  
[54] **ECRAN ANTI-MICROONDES POUR CONTENANT ALIMENTAIRE ET METHODE D'APPLICATION**  
[72] KENNEDY, MICHAEL R., US  
[71] ROCK RIDGE TECHNOLOGIES, CO., US  
[22] 2002-09-18  
[43] 2003-04-05  
[30] US (09/972,451) 2001-10-05

[21] **2,403,936**  
[13] A1

[51] **Int.Cl. 7B65H 45/12**  
[25] EN  
[54] **METHOD OF FOLDING PLATE-LIKE ELEMENTS, MORE PARTICULARLY CARDBOARD ARTICLES, AND DEVICE THEREFOR**  
[54] **METHODE DE PLIAGE D'ELEMENTS EN FEUILLES TYPE PANNEAU, EN PARTICULIER D'ARTICLES EN CARTON, ET DISPOSITIF CORRESPONDANT**  
[72] TONNIGS, BODO, DE  
[72] SCHULZ, FELIX, DE  
[71] LIGMATECH AUTOMATIONSSYSTEME GMBH, DE  
[22] 2002-09-18  
[43] 2003-04-05  
[30] DE (101 49 053.4) 2001-10-05

[21] **2,404,536**  
[13] A1

[51] **Int.Cl. 7E06B 3/263 7E05D 3/02 7B29C 44/18 7E06B 3/72**  
[25] EN  
[54] **DOORS**  
[54] **PORTES**  
[72] HAMMOND, ERNEST KENNETH, GB  
[72] CLARKE, NICHOLAS GUY, GB  
[71] POLYMER ENGINEERING LIMITED, GB  
[22] 2002-09-20  
[43] 2003-04-01  
[30] GB (0123575.3) 2001-10-01  
[30] GB (0216461.4) 2002-07-16

[21] **2,404,582**  
[13] A1

[51] **Int.Cl. 7H01L 21/00 7H01B 1/00 7H01L 23/48 7H01L 21/68**  
[25] EN  
[54] **SEMICONDUCTOR PROCESSING APPARATUS AND ELECTRODE MEMBER THEREFOR**  
[54] **APPAREIL DE TRAITEMENT DE MATERIAU SEMI-CONDUCTEUR ET ELECTRODE UTILISEE A CETTE FIN**  
[72] NATSUHARA, MASUHIRO, JP  
[72] NAKATA, HIROHIKO, JP  
[72] KUIBIRA, AKIRA, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2002-09-23  
[43] 2003-04-03  
[30] JP (2001-307347) 2001-10-03  
[30] JP (2001-351711) 2001-11-16

[21] **2,404,776**  
[13] A1

[51] **Int.Cl. 7A47J 36/00 7A47J 43/00 7A47J 43/07**  
[25] FR  
[54] **APPAREIL DE TRAITEMENT ALIMENTAIRE**  
[54] **FOOD PROCESSING APPARATUS**  
[72] FOUQUET, JACQUES, FR  
[71] SANTOS SA, FR  
[22] 2002-09-16  
[43] 2003-04-01  
[30] FR (01 12616) 2001-10-01

[21] **2,405,001**  
[13] A1

[51] **Int.Cl. 7B61D 27/00**  
[25] FR  
[54] **DISPOSITIF DE DISTRIBUTION DE L'AIR CONDITIONNE DANS UNE SALLE DE VOYAGEURS D'UN VEHICULE FERROVIAIRE**  
[54] **AIR-CONDITIONING DISTRIBUTION DEVICE FOR RAILWAY PASSENGER CAR**  
[72] MINEAUD, GERARD, FR  
[72] PLICHON, DANIEL, FR  
[71] ALSTOM, FR  
[22] 2002-10-01  
[43] 2003-04-04  
[30] FR (01 12 785) 2001-10-04

[21] **2,405,014**  
[13] A1

[51] **Int.Cl. 7G01V 1/30 7E21B 47/12 7G01V 1/40**  
[25] FR  
[54] **METHODE POUR LA DETECTION ET LE CLASSEMENT AUTOMATIQUE SUIVANT DIFFERENTS CRITERES DE SELECTION, D'EVENEMENTS SISMIQUES DANS UNE FORMATION SOUTERRAINE**  
[54] **DETECTION AND AUTOMATIC CLASSIFICATION SYSTEM OF SEISMIC EVENTS IN A SUBTERRANEAN FORMATION, ACCORDING TO DIFFERENT SELECTION CRITERIA**  
[72] GROUFFAL, CHRISTIAN, FR  
[72] DEFLANDRE, JEAN-PIERRE, FR  
[72] THEROND, JEAN-FRANCOIS, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2002-10-01  
[43] 2003-04-05  
[30] FR (01/12.893) 2001-10-05

[21] **2,405,032**  
[13] A1

[51] **Int.Cl. 7B65D 81/32 7A45D 34/00 7B65D 25/08**  
[25] FR  
[54] **DISPOSITIF POUR LE CONDITIONNEMENT SEPRARE ET LA DISTRIBUTION CONJOINTE DE DEUX PRODUITS**  
[54] **DEVICE FOR SEPARATE PACKAGING AND JOINT DISTRIBUTION OF TWO PRODUCTS**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'OREAL, FR  
[22] 2002-09-20  
[43] 2003-04-04  
[30] FR (0112777) 2001-10-04

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,405,042**  
[13] A1

[51] **Int.Cl. 7B65D 25/38 7A45D 34/00 7A45D 33/02 7B65D 47/20**  
[25] FR  
[54] **DISPOSITIF DE CONDITIONNEMENT D'UN PRODUIT, NOTAMMENT UN PRODUIT COSMETIQUE ET/OU DE SOINS**  
[54] **PRODUCT PACKAGING DEVICE, NAMELY OF A COSMETIC AND/OR SKIN CARE PRODUCT**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[22] 2002-09-30  
[43] 2003-04-01  
[30] FR (01 12599) 2001-10-01

---

[21] **2,405,191**  
[13] A1

[51] **Int.Cl. 7G02B 6/00 7H04B 10/18**  
[25] EN  
[54] **DYNAMIC DISPERSION COMPENSATOR**  
[54] **COMPENSATEUR DE DISPERSION DYNAMIQUE**  
[72] BOUEVITCH, OLEG, CA  
[71] JDS UNIPHASE INC., CA  
[22] 2002-09-25  
[43] 2003-04-04  
[30] US (60/326,844) 2001-10-04

---

[21] **2,405,207**  
[13] A1

[51] **Int.Cl. 7A01D 34/82 7A01D 43/063**  
[25] EN  
[54] **LAWN MOWER**  
[54] **TONDEUSE A GAZON**  
[72] HASEI, SHOJI, JP  
[72] KOBAYASHI, TAKAO, JP  
[72] SHIMADA, KENZO, JP  
[72] IIDA, TETSUO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-09-25  
[43] 2003-04-04  
[30] JP (2001-309120) 2001-10-04

---

---

[21] **2,405,234**  
[13] A1

[51] **Int.Cl. 7E21B 10/24**  
[25] EN  
[54] **ROLLER CONE DRILL BIT HAVING LUBRICATION CONTAMINATION DETECTOR AND LUBRICATION POSITIVE PRESSURE MAINTENANCE SYSTEM**  
[54] **TREPAN A MOLETTES EQUIPE D'UN DETECTEUR DE CONTAMINATION DU LUBRIFIANT ET D'UN SYSTEME DE MAINTIEN EN PRESSION DU CIRCUIT DE LUBRIFICATION**  
[72] MORAN, DAVID PATRICK, US  
[72] PORTWOOD, GARY RAY, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2002-09-25  
[43] 2003-04-01  
[30] US (60/326,242) 2001-10-01  
[30] US (10/079,919) 2002-02-20

---

[21] **2,405,252**  
[13] A1

[51] **Int.Cl. 7A47C 7/40**  
[25] EN  
[54] **BACK OF A CHAIR**  
[54] **DOSSIER DE CHAISE**  
[72] BALLENDAT, MARTIN, AT  
[71] DAUPHIN ENTWICKLUNGS- U. BETEILIGUNGS-GMBH, DE  
[22] 2002-09-25  
[43] 2003-04-02  
[30] DE (101 48 645.6) 2001-10-02

---

[21] **2,405,271**  
[13] A1

[51] **Int.Cl. 7F16B 2/00**  
[25] EN  
[54] **CONNECTED FASTENING MEMBERS AND PROCESS FOR PRODUCTION OF RESIN MOLDED ARTICLE WITH FASTENING MEMBER**  
[54] **INSERTS DE FIXATION ET PROCEDE DE PRODUCTION D'ARTICLES MOULES EN RESINE COMPRENANT DE TELS INSERTS**  
[72] OGAWA, SHIRO, JP  
[72] TANOKURA, TOORU, JP  
[72] ITOH, HIROSHI, JP  
[72] SAEKI, TAKASHI, JP  
[72] SHIMAMURA, KUNIHIKO, JP  
[71] KURARAY CO., LTD., JP  
[22] 2002-09-25  
[43] 2003-04-04  
[30] JP (308141/2001) 2001-10-04  
[30] JP (320207/0221) 2001-10-18

---

---

[21] **2,405,278**  
[13] A1

[51] **Int.Cl. 7C22C 38/24 7C21D 6/00 7C22C 38/44 7C22C 38/46 7C22C 38/54**  
[25] EN  
[54] **HOT-WORKING STEEL ARTICLE**  
[54] **ARTICLE EN ACIER POUR LE TRAVAIL A CHAUD**  
[72] SCHWEIGER, HERBERT, AT  
[72] FISHER, KAY, AT  
[71] BOHLER EDELSTAHL GMBH, AT  
[22] 2002-09-25  
[43] 2003-04-03  
[30] AT (1565/2001) 2001-10-03

---

[21] **2,405,315**  
[13] A1

[51] **Int.Cl. 7F28F 7/00**  
[25] EN  
[54] **DEVICE USED AS A CHEMICAL REACTOR OR HEAT EXCHANGER IN GENERAL, WITH A THIN TUBE PLATE**  
[54] **DISPOSITIF UTILISE COMME REACTEUR CHIMIQUE OU COMME ECHANGEUR DE CHALEUR EN GENERAL, EQUIPE D'UNE PLAQUE TUBULAIRE MINCE**  
[72] RONCHIERI, ANDREA, IT  
[72] BARBIERI, LORENZO, IT  
[72] MEZZEDIMI, VASCO, IT  
[71] NUOVO PIGNONE HOLDING S.P.A., IT  
[22] 2002-09-26  
[43] 2003-04-01  
[30] IT (MI2001A 002034) 2001-10-01

---

[21] **2,405,323**  
[13] A1

[51] **Int.Cl. 7B03C 1/01**  
[25] EN  
[54] **MAGNETIC SEPARATION OF ORES USING SULFONATED POLYMERS**  
[54] **SEPARATION MAGNETIQUE DE MINERAIS AU MOYEN DE POLYMERES SULFONES**  
[72] ROE, DONALD C., US  
[72] POLIZZOTTI, DAVID M., US  
[72] PEREZ, LIBARDO A., US  
[71] BETZDEARBORN INC., US  
[22] 2002-09-26  
[43] 2003-04-02  
[30] US (09/969,214) 2001-10-02

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,405,337**  
[13] A1  
[51] **Int.Cl. 7B26B 21/14 7B26B 21/24**  
[25] EN  
[54] **BLADE CARTRIDGE HOLDING, RELEASING, AND CAPTURING MECHANISM FOR A REPLACEABLE CARTRIDGE RAZOR**  
[54] **MECANISME DE RETENUE, DE LIBERATION ET DE CAPTURE DE CARTOUCHE DE LAMES POUR RASOIR A CARTOUCHE DE LAMES REMPLACABLE**  
[72] DANSREAU, PAUL RICHARD, US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2002-09-26  
[43] 2003-04-02  
[30] US (60/326,766) 2001-10-02

---

[21] **2,405,373**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **PERFORMANCE REPORTING**  
[54] **SYSTEME, METHODE ET PROGRAMME DE SUIVI DE LA PERFORMANCE**  
[72] HLADIK, WILLIAM J., JR., US  
[72] SMITH, MICHELLE L., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2002-09-26  
[43] 2003-04-05  
[30] US (09/972,232) 2001-10-05

---

[21] **2,405,381**  
[13] A1  
[51] **Int.Cl. 7B61B 12/00**  
[25] EN  
[54] **CONVEYING APPARATUS**  
[54] **TRANSPORTEUR**  
[72] NISHIHARA, SHIGEYOSHI, JP  
[71] DAIFUKU CO., LTD., JP  
[22] 2002-09-26  
[43] 2003-04-01  
[30] JP (2001-304913) 2001-10-01

---

[21] **2,405,395**  
[13] A1  
[51] **Int.Cl. 7B64C 1/14**  
[25] EN  
[54] **AIRCRAFT WINDSHIELD ATTACHMENT DEVICE**  
[54] **FIXATION DE PARE-BRISE D'AERONEF**  
[72] CAVAILLES, GUY, FR  
[72] BEUCHER, JEAN-CHRISTIAN, FR  
[72] DAZET, FRANCIS, FR  
[72] CHAUMEL, PASCAL, FR  
[71] AIRBUS FRANCE, FR  
[22] 2002-09-27  
[43] 2003-04-02  
[30] FR (01 12661) 2001-10-02

---

[21] **2,405,416**  
[13] A1  
[51] **Int.Cl. 7H04N 5/44 7H04N 7/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ENABLING PROGRAM BLOCKING**  
[54] **METHODE ET SYSTEME DE DECLenchEMENT DU BLOCAGE D'UN PROGRAMME**  
[72] JOHNSON, MICHAEL WAYNE, US  
[71] THOMSON LICENSING S.A., XX  
[71] THOMSON LICENSING S.A., FR  
[22] 2002-09-26  
[43] 2003-04-05  
[30] US (09/972,493) 2001-10-05

---

[21] **2,405,444**  
[13] A1  
[51] **Int.Cl. 7F01P 7/14 7F01P 3/00 7F01P 5/10**  
[25] EN  
[54] **UNIFIED ROTARY FLOW CONTROL VALVE FOR INTERNAL COMBUSTION ENGINE COOLING SYSTEM**  
[54] **SOUPAPE ROTATIVE COMMUNE DE REGULATION DU DEBIT POUR CIRCUITS DE REFROIDISSEMENT DE MOTEUR A COMBUSTION INTERNE**  
[72] VALENTINE, PETER LORING, US  
[72] MARSH, GREGORY ALAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2002-09-26  
[43] 2003-04-01  
[30] US (09/968,648) 2001-10-01

---

[21] **2,405,472**  
[13] A1  
[51] **Int.Cl. 7F23R 3/28 7F23N 5/18**  
[25] EN  
[54] **FUEL RATIO CONTROL METHOD AND DEVICE IN A GAS TURBINE COMBUSTOR**  
[54] **METHODE ET DISPOSITIF DE REGLAGE DE L'ALIMENTATION DE LA CHAMBRE DE COMBUSTION D'UNE TURBINE A GAZ**  
[72] AOYAMA, KUNIYUKI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2002-09-26  
[43] 2003-04-03  
[30] JP (2001-307855) 2001-10-03

---

[21] **2,405,580**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **METHOD FOR CONTROLLING TRAFFIC FLOW USING TOKEN BUCKET**  
[54] **METHODE DE CONTROLE DU TRAFIC UTILISANT UN BAQUET A JETONS**  
[72] KIM, SUNG HWAN, KR  
[72] PARK, SUNG EN, KR  
[72] KIM, HYUN SOOK, KR  
[71] KT CORPORATION, KR  
[22] 2002-09-27  
[43] 2003-04-04  
[30] KR (2001-61182) 2001-10-04

---

[21] **2,405,623**  
[13] A1  
[51] **Int.Cl. 7C07F 9/6571**  
[25] EN  
[54] **CHIRAL MONOPHOSPHORUS COMPOUNDS**  
[54] **COMPOSES MONOPHOSPHORES CHIRAUX**  
[72] MILITZER, HANS-CHRISTIAN, DE  
[72] SCHOLZ, ULRICH, DE  
[72] AGEL, FRIEDERIKE, DE  
[72] DREISBACH, CLAUS, DE  
[72] MESEGUER, BENJAMIN, DE  
[72] DRIESSEN-HOLSCHER, BIRGIT, DE  
[72] PRINZ, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2002-09-27  
[43] 2003-04-01  
[30] DE (10148551.4) 2001-10-01

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,405,628**  
[13] A1

[51] **Int.Cl. 7A23B 7/10 7A23B 7/005 7A23L 1/212 7A23L 1/39**  
[25] EN  
[54] **ON-DEMAMD NEUTRALIZATION OF ACID-PRESERVED FOOD**  
[54] **NEUTRALISATION A LA DEMANDE DU MILIEU DE PRESERVATION ACIDE DE PRODUITS ALIMENTAIRES**  
[72] COLLINS-THOMPSON, DAVID, CA  
[72] BAUTISTA, DERRICK A., US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2002-09-27  
[43] 2003-04-02  
[30] US (09/970,010) 2001-10-02

---

[21] **2,405,630**  
[13] A1

[51] **Int.Cl. 7B62D 25/00**  
[25] EN  
[54] **A PLUG FOR THE SEALING CLOSURE OF AN OPENING IN A SHEET OF A BODY OR THE BOTTOM OF AN AUTOMOBILE**  
[54] **BOUCHON D'OBTURATION ETANCHE D'OUVERTURE DANS UNE TOLE DE CARROSSERIE OU LE PLANCHER D'UNE AUTOMOBILE**  
[72] LIMPert, ALEXANDER, DE  
[72] BENKEL, MATTHIAS, DE  
[71] ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG, DE  
[22] 2002-09-27  
[43] 2003-04-01  
[30] DE (101 48 493.3) 2001-10-01

---

[21] **2,405,644**  
[13] A1

[51] **Int.Cl. 7B65D 83/00**  
[25] EN  
[54] **CIRCULAR DISPENSING CONTAINER**  
[54] **CONTENANT DISTRIBUTEUR CIRCULAIRE**  
[72] SCOTT, DONALD ALLAN, US  
[72] BARNES, ROBERT CREGG, US  
[72] FISHER, SCOTT LEE, US  
[72] JOCHEM, DAVID JOHN, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2002-09-27  
[43] 2003-04-01  
[30] US (09/966,761) 2001-10-01

---

---

[21] **2,405,663**  
[13] A1

[51] **Int.Cl. 7B65H 75/08 7B65H 18/00 7B65H 27/00 7B65H 75/18**  
[25] EN  
[54] **WINDING TUBE**  
[54] **TUBE DE BOBINAGE**  
[72] QUICK, DIETER, DE  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2002-09-30  
[43] 2003-04-02  
[30] DE (101 48 763.0) 2001-10-02

---

[21] **2,405,664**  
[13] A1

[51] **Int.Cl. 7F02C 7/18 7F02C 6/00**  
[25] EN  
[54] **GAS TURBINE, CONTROL DEVICE, GAS TURBINE COMBINED PLANT, COOLING STEAM PRESSURE ADJUSTING METHOD, AND COMPUTER PRODUCT**  
[54] **TURBINE A GAZ, DISPOSITIF DE COMMANDE, INSTALLATION A TURBINE A GAZ, METHODE DE REGLAGE DE LA PRESSION DE VAPEUR DE REFROIDISSEMENT, ET PRODUIT INFORMATIQUE CORRESPONDANT**  
[72] HYAKUTAKE, YOSHINORI, JP  
[72] FUJITA, YASUHIRO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2002-09-30  
[43] 2003-04-01  
[30] JP (2001-305665) 2001-10-01

---

[21] **2,405,755**  
[13] A1

[51] **Int.Cl. 7B60C 11/14 7B60B 19/00 7B60C 7/00**  
[25] EN  
[54] **CLEAT ASSEMBLY FOR TRASH COMPACTOR VEHICLE WHEELS**  
[54] **MONTAGE DE PIED DE MOUTON DE COMPACTEUR A DECHETS**  
[72] BIERWITH, ROBERT S., US  
[71] BIERWITH, ROBERT S., US  
[22] 2002-09-30  
[43] 2003-04-01  
[30] US (09/969,961) 2001-10-01

---

---

[21] **2,405,857**  
[13] A1

[51] **Int.Cl. 7B23B 49/00 7B23B 35/00 7E04F 21/00 7E04G 23/00 7B23B 39/06 7B23B 47/28**  
[25] EN  
[54] **LOCATION PROJECTOR APPARATUS AND METHODS**  
[54] **PROJECTEUR ET METHODE DE LOCALISATION D'EMPLACEMENT**  
[72] KALLESEN, DARRYL H., US  
[72] REYNOLDS, TEDDY L., US  
[71] KALLESEN, DARRYL H., US  
[71] REYNOLDS, TEDDY L., US  
[22] 2002-10-01  
[43] 2003-04-02  
[30] US (09/969,747) 2001-10-02

---

[21] **2,405,879**  
[13] A1

[51] **Int.Cl. 7B29C 45/17 7B29C 45/03 7B29C 45/20**  
[25] EN  
[54] **GAP SEAL BETWEEN NOZZLE COMPONENTS**  
[54] **JOINT D'ETANCHEITE ENTRE ELEMENTS DE BUSE D'INJECTION**  
[72] OLARU, GEORGE, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2002-10-01  
[43] 2003-04-05  
[30] CA (2,358,229) 2001-10-05  
[30] US (60/328,829) 2001-10-15

---

[21] **2,405,881**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7C12N 5/00 7C12N 5/06 7C12Q 1/24**  
[25] EN  
[54] **METHOD FOR SEPARATING CELLS**  
[54] **METHODE DE SEPARATION DE CELLULES**  
[72] WOODSIDE, STEVEN M., CA  
[71] STEMCELL TECHNOLOGIES INC., CA  
[22] 2002-10-01  
[43] 2003-04-01  
[30] CA (2,358,326) 2001-10-01

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,405,886**  
[13] A1  
[51] **Int.Cl. 7A61G 7/10**  
[25] EN  
[54] **AN INVALID HOST**  
[54] **APPAREIL DE LEVAGE POUR INVALIDES**  
[72] VON SCHROETER, PHILIP, DE  
[71] ARJO LIMITED, GB  
[22] 2002-10-01  
[43] 2003-04-03  
[30] GB (0123690.0) 2001-10-03

---

[21] **2,405,897**  
[13] A1  
[51] **Int.Cl. 7C03B 27/044**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HEATING GLASS SHEETS IN PREPARATION OF TEMPERING**  
[54] **METHODE ET APPAREIL DE CHAUFFAGE DE PANNEAUX DE VERRE EN VUE DE LEUR TREMPÉ**  
[72] PESONEN, TARMO, FI  
[72] REUNAMAKI, PAULI, FI  
[72] VITKALA, JORMA, FI  
[72] LEPONEN, MAURI, FI  
[71] TAMGLASS LTD. OY, FI  
[22] 2002-10-01  
[43] 2003-04-01  
[30] FI (20011923) 2001-10-01

---

[21] **2,405,910**  
[13] A1  
[51] **Int.Cl. 7B64C 1/14**  
[25] EN  
[54] **CONTROL DEVICE AND METHOD FOR EMERGENCY OPENING OF AN AIRCRAFT EVACUATION DOOR**  
[54] **DISPOSITIF ET METHODE D'OUVERTURE D'URGENCE DE LA PORTE D'UNE ISSUE D'EVACUATION D'AERONEF**  
[72] MODERN, ALBERT, FR  
[72] RONDOT, SEBASTIEN, FR  
[72] BADERSPACH, JEROME, FR  
[71] AIRBUS FRANCE, FR  
[22] 2002-10-01  
[43] 2003-04-05  
[30] FR (01 12838) 2001-10-05

---

[21] **2,405,911**  
[13] A1  
[51] **Int.Cl. 7F16B 41/00**  
[25] EN  
[54] **SPINDLE NUT RETAINER**  
[54] **DISPOSITIF DE RETENUE D'ECROU D'AXE**  
[72] TUTHILL, JAMES C., US  
[71] DEXTER AXLE COMPANY, US  
[22] 2002-10-01  
[43] 2003-04-04  
[30] US (09/971,131) 2001-10-04

---

[21] **2,405,913**  
[13] A1  
[51] **Int.Cl. 7A01K 5/02 7A01J 5/007**  
[25] EN  
[54] **AN ASSEMBLY FOR AUTOMATICALLY SUPPLYING AN AMOUNT OF FEED TO A DAIRY ANIMAL IN A PREDETERMINED PERIOD**  
[54] **DISPOSITIF DE DOSAGE AUTOMATIQUE CHRONOMETRE POUR L'ALIMENTATION DES ANIMAUX LAITIERS**  
[72] VAN DEN BERG, KAREL, NL  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019092) 2001-10-03

---

[21] **2,405,918**  
[13] A1  
[51] **Int.Cl. 7A61K 9/22 7A61K 31/7048**  
[25] EN  
[54] **CONTROLLED RELEASE MACROLIDE PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULATIONS PHARMACEUTIQUES DE MACROLIDES A LIBERATION CONTROLEE**  
[72] WADHWA, HARDEEP, IN  
[71] IND-SWIFT LIMITED, IN  
[22] 2002-09-30  
[43] 2003-04-01  
[30] IN (1018/DEL/2001) 2001-10-01  
[30] IN (1019/DEL/2001) 2001-10-01

---

[21] **2,405,920**  
[13] A1  
[51] **Int.Cl. 7C07C 47/127 7C07C 43/303 7C07C 45/64**  
[25] EN  
[54] **PREPARATION OF DIACETALS OF GLYOXAL**  
[54] **PREPARATION DE DIACETALS DE GLYOXAL**  
[72] PUTTER, HERMANN, DE  
[72] HEYDRICH, GUNNAR, DE  
[72] FISCHER, ANDREAS, DE  
[72] AUST, NICOLA CHRISTIANE, DE  
[72] BOTZEM, JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 2002-10-01  
[43] 2003-04-05  
[30] DE (10149063.1) 2001-10-05

---

[21] **2,405,931**  
[13] A1  
[51] **Int.Cl. 7A47C 1/024**  
[25] EN  
[54] **CHAIR**  
[54] **CHAISE**  
[72] PIRETTI, GIANCARLO, IT  
[71] PRO-CORD SPA, IT  
[22] 2002-09-30  
[43] 2003-04-04  
[30] IT (TO2001A000940) 2001-10-04

---

[21] **2,405,933**  
[13] A1  
[51] **Int.Cl. 7B65D 43/16 7B65D 85/72**  
[25] EN  
[54] **DISPENSING CONTAINER WITH ROTATABLE LID**  
[54] **CONTENANT DISTRIBUTEUR A COUVERCLE TOURNANT**  
[72] FISHER, SCOTT LEE, US  
[72] BARNES, ROBERT CREGG, US  
[72] MANDLE, JAMES S., US  
[72] JOCHEM, DAVID JOHN, US  
[72] SCOTT, DONALD ALLAN, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2002-09-30  
[43] 2003-04-01  
[30] US (09/966,760) 2001-10-01

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,405,934**  
[13] A1

[51] **Int.Cl. 7A61B 17/00 7A61F 2/06 7A61M 25/10**  
[25] EN  
[54] **MEANS AND METHOD FOR THE TREATMENT OF CORONARY ARTERY OBSTRUCTIONS**  
[54] **MOYEN ET METHODE DE TRAITEMENT DES OCCLUSIONS CORONAIRES**  
[72] FISCHHELL, TIM A., US  
[72] FISCHHELL, DAVID R., US  
[72] FISCHHELL, ROBERT E., US  
[71] CORDIS CORPORATION, US  
[22] 2002-10-01  
[43] 2003-04-02  
[30] US (09/969,165) 2001-10-02

---

[21] **2,405,938**  
[13] A1

[51] **Int.Cl. 7A01K 5/02 7A01K 5/00**  
[25] EN  
[54] **A DEVICE FOR AUTOMATICALLY SUPPLYING A PREDETERMINED AMOUNT OF FEED TO AN ANIMAL IN A PERIOD HAVING A PREDETERMINED LENGTH**  
[54] **DISPOSITIF DE DOSAGE AUTOMATIQUE CHRONOMETRE POUR L'ALIMENTATION DES ANIMAUX LAITIERS**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019093) 2001-10-03

---

[21] **2,405,941**  
[13] A1

[51] **Int.Cl. 7A01K 5/02 7A01K 5/00**  
[25] EN  
[54] **A DEVICE FOR AND A METHOD OF AUTOMATICALLY SUPPLYING AT LEAST TWO SORTS OF FEED TO ANIMALS**  
[54] **DISPOSITIF ET METHODE DE DISTRIBUTION AUTOMATIQUE D'AU MOINS DEUX ALIMENTS AU BETAIL**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019094) 2001-10-03

---

---

[21] **2,406,014**  
[13] A1

[51] **Int.Cl. 7H05K 7/20**  
[25] EN  
[54] **COOLING STRUCTURE FOR HIGH TENSION ELECTRICAL EQUIPMENT**  
[54] **STRUCTURE DE REFROIDISSEMENT POUR APPAREILLAGE ELECTRIQUE HAUTE TENSION**  
[72] HASEGAWA, OSAMU, JP  
[72] AITAKA, KAZUHIKO, JP  
[72] TAKEDOMI, HARUMI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-09-30  
[43] 2003-04-05  
[30] JP (2001-310602) 2001-10-05

---

[21] **2,406,071**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **TRACKING MULTIPLE PAYMENTS**  
[54] **SYSTEME DE SUIVI DE PAIEMENTS MULTIPLES**  
[72] DOUGALL, KEVIN G., CA  
[71] HONDA CANADA INCORPORATED, CA  
[22] 2002-09-30  
[43] 2003-04-01  
[30] US (60/325,574) 2001-10-01

---

[21] **2,406,098**  
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04N 7/16 7H04N 7/22 7H04L 12/56**  
[25] EN  
[54] **DISTRIBUTED VIDEO ON DEMAND SYSTEM AND METHOD FOR DELIVERING VIDEO**  
[54] **SYSTEME DE DISTRIBUTION VIDEO SUR DEMANDE ET METHODE DE TRANSMISSION D'ENREGISTREMENTS VIDEO**  
[72] BLACKBURN, ROBERT JOHN, US  
[72] LEHRMAN, IRA SCOTT, US  
[72] DERR-MACBRIDE, CAROL, US  
[71] AT&T BROADBAND, US  
[22] 2002-09-30  
[43] 2003-04-03  
[30] US (60/326,798) 2001-10-03  
[30] US (10/234,272) 2002-09-03

---

---

[21] **2,406,142**  
[13] A1

[51] **Int.Cl. 7B41F 23/00 7D21H 21/16 7D21H 17/28**  
[25] EN  
[54] **NEWSPAPER FOR OFFSET PRINTING**  
[54] **PAPIER JOURNAL POUR IMPRESSION OFFSET**  
[72] SHIMOYAMA, MIZUHO, JP  
[72] ONO, HIROSHI, JP  
[72] NONOMURA, FUMINARI, JP  
[72] FUJIWARA, HIDEKI, JP  
[71] NIPPON PAPER INDUSTRIES, CO., LTD., JP  
[22] 2002-10-02  
[43] 2003-04-05  
[30] JP (2001-309644) 2001-10-05

---

[21] **2,406,244**  
[13] A1

[51] **Int.Cl. 7B29C 45/12**  
[25] EN  
[54] **INJECTION MOLDING MACHINE**  
[54] **PRESSE A INJECTION**  
[72] TANIGUCHI, YOSHIYA, JP  
[71] TOYO MACHINERY & METAL CO., LTD., JP  
[22] 2002-10-02  
[43] 2003-04-05  
[30] JP (2001-310305) 2001-10-05  
[30] JP (2002-260218) 2002-09-05

---

[21] **2,406,286**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7A61B 5/00 7G06F 17/00**  
[25] EN  
[54] **HEALTH CARE MANAGEMENT METHOD AND SYSTEM**  
[54] **SYSTEME DE GESTION DE SOINS DE SANTE**  
[72] MCCARTNEY, MICHAEL J., CA  
[71] MCCARTNEY, MICHAEL J., CA  
[22] 2002-10-02  
[43] 2003-04-02  
[30] US (09/969459) 2001-10-02

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,406,293**  
[13] A1  
[51] **Int.Cl. 7G01T 1/16 7G01T 1/24 7G01T 1/29**  
[25] EN  
[54] **X-RAY FLAT PANEL DETECTOR**  
[54] **DETECTEUR A PANNEAU PLAT POUR RADIOGRAPHIE**  
[72] SUZUKI, KOUHEI, JP  
[72] IKEDA, MITSUSHI, JP  
[72] KINNO, AKIRA, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2002-10-02  
[43] 2003-04-03  
[30] JP (2001-307609) 2001-10-03

---

[21] **2,406,295**  
[13] A1  
[51] **Int.Cl. 7D06L 3/12 7D21C 9/10 7D06L 3/14**  
[25] EN  
[54] **USE OF AQUEOUS BRIGHTENER PREPARATIONS FOR BRIGHTENING NATURAL AND SYNTHETIC MATERIALS**  
[54] **UTILISATION DE PREPARATIONS D'AVIVAGE EN SOLUTION AQUEUSE POUR AVIVER DES MATERIAUX NATURELS ET DE SYNTHESE**  
[72] NYSSSEN, PETER-ROGER, DE  
[72] GOTTSCHALK, REINER, DE  
[72] GIESECKE, HEINZ, DE  
[72] BROCKMANN, ROLF, DE  
[72] BACHER, ERWIN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2002-10-02  
[43] 2003-04-05  
[30] DE (10149313.4) 2001-10-05

---

[21] **2,406,299**  
[13] A1  
[51] **Int.Cl. 7F16C 32/00**  
[25] EN  
[54] **BEARING ASSEMBLY AND METHOD**  
[54] **PALIER ET MODE D'ACTION**  
[72] MARSHALL, DALE F., FR  
[72] AUBER, PHILIPPE, FR  
[72] DOURLENS, HERVE H., FR  
[71] DRESSER-RAND COMPANY, US  
[22] 2002-10-02  
[43] 2003-04-03  
[30] US (09/970,319) 2001-10-03

---

[21] **2,406,302**  
[13] A1  
[51] **Int.Cl. 7B60G 7/02**  
[25] EN  
[54] **TRUCK AXLE ASSEMBLY**  
[54] **ESSIEU DE CAMION**  
[72] EVELEY, NICHOLAS, CA  
[71] EVELEY, NICHOLAS, CA  
[22] 2002-10-02  
[43] 2003-04-04  
[30] US (09/969781) 2001-10-04

---

[21] **2,406,318**  
[13] A1  
[51] **Int.Cl. 7A01G 13/02**  
[25] EN  
[54] **PLANT PROTECTOR**  
[54] **PROTECTEUR POUR PLANTES**  
[72] BROWN, PAUL, CA  
[71] BROWN, PAUL, CA  
[22] 2002-10-02  
[43] 2003-04-03  
[30] CA (2,359,529) 2001-10-03

---

[21] **2,406,350**  
[13] A1  
[51] **Int.Cl. 7G06T 5/00 7G03B 27/00 7B41J 2/01 7G06F 3/12**  
[25] EN  
[54] **IMAGE PROCESSING METHOD AND APPARATUS, STORAGE MEDIUM AND PROGRAM**  
[54] **METHODE ET APPAREIL DE STOCKAGE D'IMAGES, ET SUPPORT DE STOCKAGE ET PROGRAMME CONNEXES**  
[72] FUJITA, TAKASHI, JP  
[72] AKIYAMA, YUJI, JP  
[72] YAMAZOE, MANABU, JP  
[72] IGUCHI, RYOSUKE, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2002-10-01  
[43] 2003-04-01  
[30] JP (305407/2001) 2001-10-01

---

[21] **2,406,351**  
[13] A1  
[51] **Int.Cl. 7G06F 3/12 7G03B 27/00 7B41J 2/01**  
[25] EN  
[54] **PRINTING APPARATUS, CONTROL METHOD THEREFOR AND STORAGE MEDIUM**  
[54] **IMPRIMANTE, METHODE DE COMMANDE D'IMPRIMANTE ET SUPPORT DE STOCKAGE**  
[72] TANAKA, TATSUYA, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2002-10-01  
[43] 2003-04-01  
[30] JP (2001-305697) 2001-10-01

---

[21] **2,406,353**  
[13] A1  
[51] **Int.Cl. 7A01K 5/00**  
[25] EN  
[54] **A DEVICE FOR SUPPLYING FEED TO ANIMALS**  
[54] **DISPOSITIF DE DISTRIBUTION D'ALIMENTS AU BETAIL**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019091) 2001-10-03

---

[21] **2,406,354**  
[13] A1  
[51] **Int.Cl. 7A01K 5/02**  
[25] EN  
[54] **A DEVICE FOR AND A METHOD OF AUTOMATICALLY SUPPLYING AT LEAST TWO SORTS OF FEED TO ANIMALS**  
[54] **DISPOSITIF ET METHODE DE DISTRIBUTION AUTOMATIQUE D'AU MOINS DEUX ALIMENTS AU BETAIL**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019090) 2001-10-03

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,406,355**  
[13] A1

[51] **Int.Cl. 7A01K 5/00**  
[25] EN  
[54] **A DEVICE FOR DETERMINING THE ADHESIVENESS FACTOR OF A PARTICULAR SORT OF FEED**  
[54] **DISPOSITIF DE DETERMINATION DE L'ADHESIVITE D'UN TYPE PARTICULIER D'ALIMENT**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019091) 2001-10-03

---

[21] **2,406,358**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 26/08**  
[25] EN  
[54] **OPTICAL MULTIPLEXER/ DEMULTIPLEXER AND ADJUSTMENT METHOD THEREOF**  
[54] **MULTIPLEXEUR-DEMULTIPLEXEUR OPTIQUE ET METHODE D'AJUSTEMENT CONNEXE**  
[72] SUGANUMA, HIROSHI, JP  
[72] SANO, TOMOMI, JP  
[72] SHIGEHARA, MASAKAZU, JP  
[72] TAKUSHIMA, MICHIKO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2002-10-01  
[43] 2003-04-02  
[30] JP (P2001-306596) 2001-10-02

---

[21] **2,406,359**  
[13] A1

[51] **Int.Cl. 7A01K 5/02**  
[25] EN  
[54] **A DEVICE FOR AUTOMATICALLY SUPPLYING A PREDETERMINED AMOUNT OF AT LEAST ONE SORT OF FEED TO AN ANIMAL IN A PREDETERMINED PERIOD**  
[54] **DISPOSITIF DE DISTRIBUTION AUTOMATIQUE EN DOSAGE PRECIS D'AU MOINS UN TYPE D'ALIMENT AU BETAIL SUR UNE PERIODE PREDETERMINEE**  
[72] VOOGD, LUCIEN ELIZA NIELS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-01  
[43] 2003-04-03  
[30] NL (1019106) 2001-10-03

---

---

[21] **2,406,389**  
[13] A1

[51] **Int.Cl. 7B27N 3/24 7B30B 5/06**  
[25] EN  
[54] **BELT-TYPE PARTICLEBOARD PRESS**  
[54] **PRESSE DE TYPE A COURROIE POUR PANNEAUX DE PARTICULES**  
[72] WEISS, HORST, DE  
[72] GAWLITTA, WERNER, NL  
[72] SCHURMANN, KLAUS, DE  
[72] SEBASTIAN, LOTHAR, DE  
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE  
[22] 2002-10-03  
[43] 2003-04-04  
[30] DE (101 48 956.0) 2001-10-04

---

[21] **2,406,397**  
[13] A1

[51] **Int.Cl. 7F24F 13/00**  
[25] EN  
[54] **VENTILATING SYSTEM CONNECTOR ASSEMBLY AND METHOD OF USE**  
[54] **CONNECTEUR DE RESEAU DE VENTILATION ET METHODE D'EMPLOI**  
[72] ANDERSON, DEAN D., US  
[71] KOOL L.L.C., US  
[22] 2002-10-03  
[43] 2003-04-03  
[30] US (09/968,998) 2001-10-03

---

[21] **2,406,398**  
[13] A1

[51] **Int.Cl. 7E04F 10/00 7B21D 53/00 7E04H 15/32**  
[25] EN  
[54] **ROLL FORMED STAPLE-IN AWNING FRAME AND METHOD**  
[54] **CADRE D'AUVENT PROFILE SUR FORMEUR A GALETS ET METHODE DE FABRICATION**  
[72] FISHER, LARRY M., US  
[71] STEEL STITCH CORPORATION, US  
[22] 2002-10-03  
[43] 2003-04-03  
[30] US (60/326,914) 2001-10-03

---

[21] **2,406,427**  
[13] A1

[51] **Int.Cl. 7A47B 96/00**  
[25] EN  
[54] **IMPROVED MODULAR HOUSING**  
[54] **HABITATION MODULAIRE AMELIOREE**  
[72] WESTWINKEL, FLORIAN G., CA  
[71] WESKO LOCKS LTD., CA  
[22] 2002-10-03  
[43] 2003-04-03  
[30] US (09/969,151) 2001-10-03  
[30] CA (2,386,116) 2002-05-13

---

---

[21] **2,406,404**  
[13] A1

[51] **Int.Cl. 7C25D 5/34 7C25D 3/04 7C23F 1/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING CORROSION RESISTANCE OF CHROME PLATED MATERIAL**  
[54] **METHODE ET APPAREIL POUR REHAUSSER LA RESISTANCE A LA CORROSION DE MATERIAUX CHROMES**  
[72] THERKILDSEN, CHARLES G., US  
[71] INDUSTRIAL HARD CHROME, LTD., US  
[22] 2002-10-02  
[43] 2003-04-03  
[30] US (09/969,940) 2001-10-03  
[30] US (10/099,518) 2002-03-15

---

[21] **2,406,420**  
[13] A1

[51] **Int.Cl. 7A61G 17/00**  
[25] EN  
[54] **CREMATION CONTAINER FOLDABLE INTO COMPACT CONFIGURATION FOR SHIPPING**  
[54] **RECIPIENT POUR CENDRES DE CREMATION REPLIABLE EN CONFIGURATION RAMASSEE POUR L'EXPEDITION**  
[72] MAPLE, DON, US  
[72] COX, GRAYSON, US  
[72] HEIL, TOM, US  
[72] HAGAN, GEORGE, US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2002-10-03  
[43] 2003-04-04  
[30] US (09/970,834) 2001-10-04

---

[21] **2,406,427**  
[13] A1

[51] **Int.Cl. 7A47B 96/00**  
[25] EN  
[54] **IMPROVED MODULAR HOUSING**  
[54] **HABITATION MODULAIRE AMELIOREE**  
[72] WESTWINKEL, FLORIAN G., CA  
[71] WESKO LOCKS LTD., CA  
[22] 2002-10-03  
[43] 2003-04-03  
[30] US (09/969,151) 2001-10-03  
[30] CA (2,386,116) 2002-05-13

---



Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,406,433**  
[13] A1  
[51] **Int.Cl. 7F24C 7/00**  
[25] EN  
[54] **AN ELECTRIC STOVE TO COOK FOOD AND THE LIKE**  
[54] **CUISINIERE ELECTRIQUE**  
[72] LEUTNER, KURT, DE  
[71] SCHOTT GLAS, DE  
[22] 2002-10-03  
[43] 2003-04-05  
[30] DE (101 49 085.2-23) 2001-10-05

---

[21] **2,406,499**  
[13] A1  
[51] **Int.Cl. 7B66F 9/22 7F15B 13/06**  
[25] EN  
[54] **ELECTRONICALLY CONTROLLED HYDRAULIC SYSTEM FOR LOWERING A BOOM IN AN EMERGENCY**  
[54] **SYSTEME HYDRAULIQUE A COMMANDE ELECTRONIQUE POUR L'ABAISSMENT D'UNE FLECHE EN SITUATION**  
[72] STEPHENSON, DWIGHT, US  
[71] HUSCO INTERNATIONAL, INC., US  
[22] 2002-10-03  
[43] 2003-04-04  
[30] US (09/970,761) 2001-10-04

---

[21] **2,406,500**  
[13] A1  
[51] **Int.Cl. 7H02H 9/04 7H02J 7/00 7H02H 7/18**  
[25] EN  
[54] **OVER-VOLTAGE PROTECTION CIRCUIT**  
[54] **CIRCUIT DE PROTECTION CONTRE LES SURTENSIONS**  
[72] MATHEW, ROSHY STAN, CA  
[72] HABICHER, MICHAEL F., CA  
[72] LUONG, QUANG A., CA  
[72] MADTER, RICHARD C., CA  
[72] SCHAAFF, CARL D., CA  
[72] SHINER, ANDREW D., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2002-09-27  
[43] 2003-04-01  
[30] US (60/325,551) 2001-10-01

---

[21] **2,406,541**  
[13] A1  
[51] **Int.Cl. 7A61N 1/39**  
[25] EN  
[54] **DEFIBRILLATOR ENCLOSURE WITH ALARM SIGNAL**  
[54] **ENCEINTE DE DEFIBRILLATEUR AVEC SIGNAL D'ALARME**  
[72] KOLDER, ROBERT D., US  
[72] SEARS, WILLIAM R., US  
[72] STROK, TIMOTHY, US  
[72] CRONIN, KEVIN J., US  
[71] KOLDER, ROBERT D., US  
[71] SEARS, WILLIAM R., US  
[71] STROK, TIMOTHY, US  
[71] CRONIN, KEVIN J., US  
[22] 2002-10-04  
[43] 2003-04-05  
[30] US (09/971,461) 2001-10-05

---

[21] **2,406,557**  
[13] A1  
[51] **Int.Cl. 7F21S 10/04**  
[25] EN  
[54] **ELECTRIC FIRE ASSEMBLY**  
[54] **SIMULATEUR DE FLAMMES ELECTRIQUE**  
[72] REGAN, KEVIN, GB  
[72] RAVNBO-WEST, PAUL, GB  
[72] CRESSWELL, LEE, GB  
[72] BERRSFORD, ROY, GB  
[72] GREEN, MICHAEL JOHN, GB  
[72] CADD, MITCHELL LEE, GB  
[71] CFM CORPORATION, CA  
[22] 2002-10-04  
[43] 2003-04-05  
[30] GB (0123906.0) 2001-10-05

---

[21] **2,406,561**  
[13] A1  
[51] **Int.Cl. 7B29C 45/20 7B29C 45/17**  
[25] EN  
[54] **HOT RUNNER-INJECTOR NOZZLE ASSEMBLY FOR PLASTIC MATERIAL INJECTION MOLDS**  
[54] **BUSE D'INJECTION A CANAUX CHAUFFANTS POUR MOULES A INJECTION DE MATERIAU PLASTIQUE**  
[72] BAZZO, MAURIZIO, IT  
[72] BOSCARIOL, TIZIANO, IT  
[71] QUASER S.R.L., IT  
[22] 2002-10-04  
[43] 2003-04-04  
[30] IT (TO2001A000939) 2001-10-04

---

[21] **2,406,571**  
[13] A1  
[51] **Int.Cl. 7B41J 2/175 7B65D 85/00 7B65D 47/18**  
[25] EN  
[54] **LIQUID CONTAINER, LIQUID SUPPLYING APPARATUS, AND RECORDING APPARATUS**  
[54] **CONTENANT A LIQUIDE, DISTRIBUTEUR DE LIQUIDE ET APPAREIL ENREGISTREUR**  
[72] OHASHI, TETSUYA, JP  
[72] KUWABARA, NOBUYUKI, JP  
[72] OGURA, HIDEKI, JP  
[72] ISHINAGA, HIROYUKI, JP  
[72] INOUE, RYOJI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2002-10-04  
[43] 2003-04-05  
[30] JP (2001-310648) 2001-10-05  
[30] JP (2001-310647) 2001-10-05  
[30] JP (2001-310646) 2001-10-05  
[30] JP (2001-398215) 2001-12-27  
[30] JP (2001-398214) 2001-12-27

---

[21] **2,406,576**  
[13] A1  
[51] **Int.Cl. 7G10L 21/02 7H04B 1/74**  
[25] EN  
[54] **A METHOD OF BANDWIDTH EXTENSION FOR NARROW-BAND SPEECH**  
[54] **METHODE D'ELARGISSEMENT DE LA BANDE PASSANTE POUR SIGNAUX VOCAUX A BANDE ETROITE**  
[72] MALAH, DAVID, IL  
[71] AT&T CORP., US  
[22] 2002-10-04  
[43] 2003-04-04  
[30] US (09/970,743) 2001-10-04

---

[21] **2,406,578**  
[13] A1  
[51] **Int.Cl. 7H03L 7/18**  
[25] EN  
[54] **SWITCHED PHASE DUAL-MODULUS PRESCALER CIRCUIT HAVING MEANS FOR REDUCING POWER CONSUMPTION**  
[54] **CIRCUIT DIVISEUR BIMODULAIRE A DEPHASAGE DOTE D'UN DISPOSITIF REDUISANT LA CONSOMMATION D'ENERGIE**  
[72] CASAGRANDE, ARNAUD, CH  
[71] ASULAB S.A., CH  
[22] 2002-10-04  
[43] 2003-04-05  
[30] CH (1842/01) 2001-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**30 mars 2003 - 5 avril 2003**

---

[21] **2,406,579**  
[13] A1

[51] **Int.Cl. 7B27N 3/20 7B30B 15/06 7B30B 15/34**  
[25] EN  
[54] **HEATED PLATEN-TYPE PRESS**  
[54] **PRESSE A PLATINES CHAUFFEES**  
[72] VOMBERG, RAINER, DE  
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE  
[22] 2002-10-04  
[43] 2003-04-04  
[30] DE (101 48 955.2) 2001-10-04

---

[21] **2,406,586**  
[13] A1

[51] **Int.Cl. 7B65H 37/00 7B65H 35/00**  
[25] EN  
[54] **WEB TRIM COLLECTION METHOD AND SYSTEM**  
[54] **METHODE ET SYSTEME DE RAMASSAGE DES CHUTES DE BOBINAGE**  
[72] WILLIAMS, DANIEL J., US  
[72] HOLBROOK, RUSSELL W., US  
[72] IFKOVITS, EDWARD M., US  
[72] LONG, DOUGLAS G., US  
[71] PITNEY BOWES INC., US  
[22] 2002-10-04  
[43] 2003-04-05  
[30] US (09/971,466) 2001-10-05

---

[21] **2,406,588**  
[13] A1

[51] **Int.Cl. 7A01K 3/00 7E05B 47/00 7E06B 11/02**  
[25] EN  
[54] **AN ASSEMBLY OF A GATE FOR USE IN ANIMAL CIRCULATION, A DEVICE FOR UNLOCKING A GATE, A DEVICE FOR GENERATING AN UNLOCKING SIGNAL AND A FIRST AND SECOND AREA BETWEEN WHICH THE GATE CAN BE DISPOSED**  
[54] **BARRIERE POUR REGLER LA CIRCULATION D'ANIMAUX, DISPOSITIF DE DEVERROUILLAGE DE LA BARRIERE, GENERATEUR DE SIGNAL DE DEVERROUILLAGE ET ZONES ENTRE LESQUELLES DISPOSER LA BARRIERE**  
[72] VAN DER KOOY, HUBERT ANTON, NL  
[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-04  
[43] 2003-04-05  
[30] NL (1019118) 2001-10-05

---

---

[21] **2,406,598**  
[13] A1

[51] **Int.Cl. 7B23Q 11/00**  
[25] EN  
[54] **IMPROVED DEVICE FOR CONTROLLING THE LOCKING AND UNLOCKING MOVEMENTS OF A ROTARY DISK, WITH A RING GEAR SYSTEM AND APPARATUS INCLUDING THE DEVICE**  
[54] **DISPOSITIF AMELIORE DE COMMANDE DE VERROUILLAGE ET DE DEVERROUILLAGE D'UN DISQUE ROTATIF, EQUIPE D'UNE COURONNE, ET APPAREIL COMPORTANT CE DISPOSITIF**  
[72] ETTORI, IGNAZIO, IT  
[71] PORTA S.P.A., IT  
[22] 2002-10-04  
[43] 2003-04-05  
[30] IT (MI2001A-002072) 2001-10-05

---

[21] **2,406,610**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 35/28 7A61K 35/30**  
[25] EN  
[54] **EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM**  
[54] **CELLULES SOUCHES EMBRYONNAIRES ET CELLULES SOUCHES NEURALES QUI EN SONT DERIVEES**  
[72] REUBINOFF, BENJAMIN EITHAN, IL  
[72] HUR-BEN, TAMIR, IL  
[72] PERA, MARTIN FREDERICK, AU  
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG  
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD., IL  
[71] MONASH UNIVERSITY, AU  
[22] 2002-10-03  
[43] 2003-04-04  
[30] US (09/970,543) 2001-10-04

---

---

[21] **2,406,684**  
[13] A1

[51] **Int.Cl. 7H04R 1/00 7H04R 31/00 7A61B 8/13 7G01N 29/22**  
[25] EN  
[54] **ULTRASOUND TRANSDUCER ARRAY**  
[54] **RESEAU DE TRANSDUCTEURS A ULTRASON**  
[72] MORTON, CHRISTINE E., CA  
[72] LOCKWOOD, GEOFFREY R., CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[22] 2002-10-04  
[43] 2003-04-05  
[30] US (60/326,995) 2001-10-05

---

[21] **2,406,705**  
[13] A1

[51] **Int.Cl. 7B66F 11/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SUPPORTING A DAVIT ARM**  
[54] **METHODE ET DISPOSITIF DE SOUTIEN DE FLECHE DE LEVAGE**  
[72] AUSTIN, BARRY J., US  
[72] BETCHER, TRAVIS P., US  
[72] NOVAK, PATRICK J., US  
[72] CUTTER, WESTON L., US  
[71] D B INDUSTRIES, INC., US  
[22] 2002-10-04  
[43] 2003-04-05  
[30] US (60/327,546) 2001-10-05

---

[21] **2,406,708**  
[13] A1

[51] **Int.Cl. 7A01K 29/00**  
[25] EN  
[54] **A DEVICE FOR AND A METHOD OF PERFORMING AN ANIMAL RELATED TREATMENT ON AN ANIMAL**  
[54] **DISPOSITIF ET METHODE DE TRAITEMENT VETERINAIRE**  
[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY ENTERPRISES AG, CH  
[22] 2002-10-04  
[43] 2003-04-05  
[30] NL (1019117) 2001-10-05

---

Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003

---

[21] **2,406,758**  
[13] A1  
[51] **Int.Cl. 7B60K 15/04**  
[25] EN  
[54] **CAPLESS REFUELING ASSEMBLY WITH DAMPENED FLAP DOOR AND BAFFLE**  
[54] **DISPOSITIF DE RAVITAILLEMENT SANS BOUCHON A CLAPET A FERMETURE TEMPORISEE ET CHICANE**  
[72] BEAULNE, MICHAEL A., CA  
[72] STARK, RONALD G., CA  
[71] TESMA INTERNATIONAL INC., CA  
[22] 2002-10-03  
[43] 2003-04-03  
[30] US (60/326,869) 2001-10-03

---

[21] **2,406,784**  
[13] A1  
[51] **Int.Cl. 7C09K 7/02 7E21B 7/00 7E21B 21/00**  
[25] EN  
[54] **METHOD OF INCREASING THE LOW SHEAR RATE VISCOSITY AND SHEAR THINNING INDEX OF DIVALENT CATION-CONTAINING FLUIDS AND THE FLUIDS OBTAINED THEREBY**  
[54] **METHODE D'AUGMENTATION DE LA VISCOSITE A FAIBLE VITESSE DE CISAILLEMENT ET INDICE DE FLUIDIFICATION DE FLUIDES CATIONIQUES DIVALENTS ET FLUIDES AINSI OBTENUS**  
[72] TRESKO, KIM O., US  
[72] DOBSON, JAMES W., JR., US  
[71] TEXAS UNITED CHEMICAL COMPANY, LLC., US  
[22] 2002-10-03  
[43] 2003-04-04  
[30] US (09/970,831) 2001-10-04

---

[21] **2,406,842**  
[13] A1  
[51] **Int.Cl. 7E21B 33/06**  
[25] EN  
[54] **ANNULAR PRESSURE SPOOL**  
[54] **RACCORD DE SUSPENSION A ETANCHEITE ANNULAIRE PAR GARNITURE GONFLABLE**  
[72] MITCHELL, BRUCE, CA  
[71] MITCHELL, BRUCE, CA  
[22] 2002-10-07  
[43] 2003-04-05  
[30] CA (2,358,242) 2001-10-05

---

[21] **2,406,877**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/40**  
[25] EN  
[54] **DATABASE STORAGE STRUCTURE**  
[54] **STRUCTURE DE STOCKAGE DE BASES DE DONNEES**  
[72] HAUSER, NICOLE, DE  
[72] FELLEBERG, KURT, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, ZZ  
[22] 2002-10-04  
[43] 2003-04-04  
[30] EP (01 123 732.8) 2001-10-04

---

[21] **2,406,938**  
[13] A1  
[51] **Int.Cl. 7E04C 2/08 7E04H 1/12 7E04C 2/32**  
[25] EN  
[54] **METAL PANEL BUILDING SYSTEM**  
[54] **SYSTEME DE CONSTRUCTION EN PANNEAUX METALLIQUES**  
[72] WALSH, CHRISTOPHER P., CA  
[71] WALSH, CHRISTOPHER P., CA  
[22] 2002-10-07  
[43] 2003-04-05  
[30] US (09/970,884) 2001-10-05

---

[21] **2,407,385**  
[13] A1  
[51] **Int.Cl. 7E04H 15/00**  
[25] EN  
[54] **COVERING SYSTEMS AND VENTING METHODS**  
[54] **COUVERTURES ET METHODES DE MISE A L'AIR LIBRE**  
[72] GALLANT, MICHAEL S., US  
[72] MORGAN, MICHAEL A., US  
[72] MORGAN, WILLIAM D., US  
[71] INDUSTRIAL AND ENVIRONMENTAL CONCEPTS, INC., US  
[71] AGRI COVERS, INC., US  
[22] 2002-10-07  
[43] 2003-04-05  
[30] US (10/003,037) 2001-11-02  
[30] US (09/972,719) 2001-10-05

---

[21] **2,414,473**  
[13] A1  
[51] **Int.Cl. 7G03B 17/02 7G08B 3/00 7G08B 13/00**  
[25] EN  
[54] **MAGCAM (MAGNETIC CAMERA SYSTEM)**  
[54] **CAMERA A FIXATION MAGNETIQUE**  
[72] TREMBLAY, SYLVAIN S. T., CA  
[72] THIBERT, MARIO M. T., CA  
[71] TREMBLAY, SYLVAIN S. T., CA  
[71] THIBERT, MARIO M. T., CA  
[22] 2002-12-23  
[43] 2003-04-03

---

[21] **2,414,570**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/02 7G01N 33/569**  
[25] EN  
[54] **METHOD, SYSTEM, AND KNOWLEDGE REPOSITORY FOR IDENTIFYING A SECONDARY METABOLITE FROM A MICROORGANISM**  
[54] **METHODE, SYSTEME ET DEPOT D'INFORMATION POUR L'IDENTIFICATION D'UN METABOLITE SECONDAIRE D'UN MICROORGANISME**  
[72] NOWACKI, PIOTR, CA  
[72] ZAZOPOULOS, EMMANUEL, CA  
[72] BACHMANN, BRIAN O., CA  
[72] STAFFA, ALFREDO, CA  
[72] FARNET, CHRIS M., CA  
[72] MCALPINE, JAMES B., CA  
[71] ECOPIA BIOSCIENCES INC., CA  
[22] 2003-01-24  
[43] 2003-04-03  
[30] US (60/350,369) 2002-01-24  
[30] US (60/398,795) 2002-07-29  
[30] US (60/412,580) 2002-09-23

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

---

[21] **2,368,970**  
[13] A1

[51] **Int.Cl. 7G01N 21/41**  
[25] EN  
[54] **REFRACTOMETER WITH BLAZED BRAGG GRATINGS**  
[54] **REFRACTOMETRE A RESEAU DE BRAGG BLAZE**  
[72] LAFFONT, GUILLAUME, FR  
[72] FERDINAND, PIERRE, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE - C.E.A., FR  
[85] 2001-10-31  
[86] 2001-10-02 (PCT/IB2001/001814)  
[87] 2003-04-02 (WO2002/044697)

---

[21] **2,400,806**  
[13] A1

[51] **Int.Cl. 7C22B 11/08 7C22B 15/00 7C25C 7/00 7C25C 7/04 7C25C 1/12 7C25C 1/20**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR RECOVERY OF CYANIDE AND METALS**  
[54] **PROCEDE ET APPAREIL DE RECUPERATION DE CYANURE ET DE METAUX**  
[72] MCINTOSH, PETER, AU  
[72] CORRANS, IAN JAMES, AU  
[72] CINANNI, VINCE, AU  
[72] ADAMS, MICHAEL DAVID, AU  
[72] JAYASEKERA, SUNIL, AU  
[71] OCCTECH ENGINEERING PTY LTD., AU  
[71] LAKEFIELD-ORETEST PTY LTD., AU  
[85] 2002-08-21  
[86] 2001-02-22 (PCT/AU2001/000177)  
[87] 2001-08-30 (WO2001/062993)  
[30] AU (PQ 5768) 2000-02-22  
[30] AU (PQ 9117) 2000-08-01  
[30] AU (PR 3212) 2001-02-21

---

[21] **2,413,078**  
[13] A1

[51] **Int.Cl. 7G01N 33/68**  
[25] EN  
[54] **EARLY DIAGNOSIS OF CONFORMATIONAL DISEASES**  
[54] **DIAGNOSTIC PRECOCE DE MALADIES CONFORMATIONELLES**  
[72] SABORIO, GABRIELLA, FR  
[72] SOTO, CLAUDIO, CH  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2002-12-19  
[86] 2001-06-13 (PCT/GB2001/002584)  
[87] 2002-01-17 (WO2002/004954)  
[30] EP (00114650.5) 2000-07-07  
[30] EP (00127892.8) 2000-12-20  
[30] EP (01102732.3) 2001-02-07

---

[21] **2,413,548**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7C12N 5/10 7C12N 15/10**  
[25] EN  
[54] **PROMOTERS FOR REGULATION OF PLANT GENE EXPRESSION**  
[54] **PROMOTEURS UTILES POUR REGULER L'EXPRESSION GENIQUE DES PLANTES**  
[72] WANG, XUN, US  
[72] BROWN, DEVON, US  
[72] BUDWORTH, PAUL, US  
[72] CHANG, HUR-SONG, US  
[72] ZHU, TONG, US  
[72] HAN, BIN, US  
[72] COOPER, BRET, US  
[71] SYNGENTA PARTICIPATIONS AG., CH  
[85] 2002-12-17  
[86] 2001-06-22 (PCT/IB2001/001104)  
[87] 2001-12-27 (WO2001/098480)  
[30] US (60/213,848) 2000-06-23  
[30] US (60/214,087) 2000-06-23  
[30] US (60/258,692) 2000-12-29

---

[21] **2,413,596**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7G01N 33/50 7C12Q 1/66 7C07K 14/72**  
[25] EN  
[54] **CELL LINES AND CELL-BASED ASSAYS FOR IDENTIFICATION OF ANDROGEN RECEPTOR MODULATORS**  
[54] **LIGNEES CELLULAIRES ET DOSAGES A BASE DE CELLULES PERMETTANT D'IDENTIFIER DES MODULATEURS DE RECEPTEURS D'ANDROGENES**  
[72] OSTROWSKI, JACEK, US  
[72] DRISCOLL, JOYCE, US  
[72] LUPISELLA, JOHN, US  
[72] SALVATI, MARK, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2002-12-18  
[86] 2001-06-20 (PCT/US2001/019609)  
[87] 2002-01-03 (WO2002/000716)  
[30] US (60/214,392) 2000-06-28

---

[21] **2,413,841**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G06F 17/60**  
[25] EN  
[54] **ONLINE CONTRACTING FOR MARKETING**  
[54] **PASSATION DE CONTRAT DE MARKETING EN LIGNE**  
[72] KARSTEN, COLIN, US  
[71] KENBROOKE, INC., US  
[85] 2002-12-10  
[86] 2001-06-12 (PCT/US2001/018877)  
[87] 2001-12-20 (WO2001/097187)  
[30] US (09/591,806) 2000-06-12

## PCT Applications Entering the National Phase

[21] **2,413,910**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61P 25/00 7A61K 35/28**  
[25] EN  
[54] **CELL FRACTION CONTAINING CELLS CAPABLE OF DIFFERENTIATING INTO NERVOUS SYSTEM CELLS**  
[54] **FRACTION CELLULAIRE CONTENANT DES CELLULES CAPABLES DE SE DIFFERENCIER EN CELLULES DU SYSTEME NERVEUX**  
[72] HASHI, KAZUO, JP  
[72] HONMOU, OSAMU, JP  
[72] UEDE, TEIJI, JP  
[71] RENOMEDIX INSTITUTE INC., JP  
[85] 2002-12-27  
[86] 2001-06-26 (PCT/JP2001/005456)  
[87] 2002-12-27 (WO2002/000849)  
[30] JP (2000-190421) 2000-06-26  
[30] JP (2001-160579) 2001-05-29

[21] **2,413,974**  
[13] A1

[51] **Int.Cl. 7C07K 5/103 7A61P 25/00 7A61K 38/04 7C07K 7/06 7C07K 7/08 7C12N 15/11**  
[25] EN  
[54] **NEUROACTIVE PEPTIDES FOR TREATMENT OF HYPOXIA AND RELATED CONDITIONS**  
[54] **PEPTIDES NEUROACTIFS SERVANT A TRAITER L'HYPOXIE ET DES ETATS APPARENTES**  
[72] MOSKAL, JOSEPH R., US  
[72] YAMAMOTO, HIROTAKA, US  
[72] COLLEY, PATRICA A., US  
[71] NYXIS NEUROTHERAPIES, INC., US  
[85] 2002-12-19  
[86] 2001-06-22 (PCT/US2001/019839)  
[87] 2001-12-27 (WO2001/098367)  
[30] US (60/213,614) 2000-06-22

[21] **2,414,083**  
[13] A1

[51] **Int.Cl. 7C02F 9/00 7C01G 49/00 7C01B 17/22 7C02F 1/52 7C02F 1/68**  
[25] FR  
[54] **PROCEDE PHYSICO-CHIMIQUE D'ELIMINATION DES METAUX LOURDS, TOXIQUES ET/OU PRECIEUX CONTENUS DANS LES BOUES URBAINES, INDUSTRIELLES ET LES LISIERS D'ANIMAUX**  
[54] **PHYSICO-CHEMICAL METHOD FOR ELIMINATING TOXIC AND/OR PRECIOUS HEAVY METALS CONTAINED IN URBAN, INDUSTRIAL SLUDGE AND LIQUID ANIMAL MANURE**  
[72] DER STEPANIAN, MANOUK, CH  
[72] DER STEPANIAN, MANOUK, CH  
[72] ASSOUN, CHRISTIAN, CH  
[71] DER STEPANIAN, MANOUK, CH  
[85] 2002-12-18  
[86] 2000-06-21 (PCT/IB2000/000820)  
[87] 2001-12-27 (WO2001/098217)

[21] **2,415,174**  
[13] A1

[51] **Int.Cl. 7C07D 519/00 7C07D 471/22 7G01N 33/50**  
[25] EN  
[54] **METHODS AND KITS FOR THE DETECTION OF ARGININE COMPOUNDS**  
[54] **PROCEDES ET TROUSSES DE DETECTION DE COMPOSES D'ARGININE**  
[72] KADDURAH-DAOUK, RIMA, US  
[72] BELL, THOMAS W., US  
[72] KHASANOV, ALISHER B., US  
[71] FAL DIAGNOSTICS, US  
[85] 2003-01-06  
[86] 2001-07-05 (PCT/US2001/021374)  
[87] 2002-01-17 (WO2002/004465)  
[30] US (60/216,180) 2000-07-06

[21] **2,415,233**  
[13] A1

[51] **Int.Cl. 7G06F 17/40 7G01D 9/00**  
[25] EN  
[54] **ENERGY HISTORY BUFFER**  
[54] **TAMPON POUR ANAMNESE D'ENERGIE**  
[72] MORAND, GARY W., US  
[71] SCHLUMBERGERSEMA INC., US  
[85] 2002-12-19  
[86] 2001-04-09 (PCT/US2001/011496)  
[87] 2002-01-03 (WO2002/001605)  
[30] US (09/605,903) 2000-06-28

[21] **2,415,240**  
[13] A1

[51] **Int.Cl. 7A23K 1/10 7A23K 1/00 7A23K 1/14 7A23K 1/18**  
[25] EN  
[54] **NEW PET FOOD COMPOSITION AND METHOD**  
[54] **NOUVELLE COMPOSITION D'ALIMENT POUR ANIMAUX DOMESTIQUES ET PROCEDE CORRESPONDANT**  
[72] CHEUK, WAI LUN, US  
[72] DIERKING, MARK, US  
[71] HILL'S PET NUTRITION, INC., US  
[85] 2002-12-19  
[86] 2001-06-22 (PCT/US2001/019916)  
[87] 2002-01-03 (WO2002/000036)  
[30] US (09/603,690) 2000-06-26

[21] **2,415,243**  
[13] A1

[51] **Int.Cl. 7G09F 19/22**  
[25] EN  
[54] **DISPLAY OF STILL IMAGES THAT APPEAR ANIMATED TO VIEWERS IN MOTION**  
[54] **AFFICHAGE D'IMAGES IMMOBILES QUI APPARAISSENT ANIMEES POUR LES OBSERVATEURS EN MOUVEMENT**  
[72] GROSS, MATTHEW H., US  
[72] SPODEK, JOSHUA D., US  
[72] MILLS, BRIAN, US  
[71] SUBMEDIA, LLC, US  
[85] 2002-12-19  
[86] 2001-06-22 (PCT/US2001/020039)  
[87] 2002-01-03 (WO2002/001544)  
[30] US (60/214,039) 2000-06-23

[21] **2,415,249**  
[13] A1

[51] **Int.Cl. 7A61B 17/04**  
[25] EN  
[54] **SURGICAL PROCEDURES AND INSTRUMENTS**  
[54] **INTERVENTIONS ET INSTRUMENTS CHIRURGICAUX**  
[72] HUCKLE, JAMES WILLIAM, GB  
[72] RICHARDSON, PETER, US  
[72] JAMES, ADAM, GB  
[72] HARVIE, FRASER, GB  
[71] SMITH & NEPHEW, INC., US  
[85] 2002-12-19  
[86] 2001-06-22 (PCT/US2001/020089)  
[87] 2002-01-03 (WO2002/000119)  
[30] US (09/604,387) 2000-06-27

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,415,252</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05G 1/14</b> [25] EN [54] <b>RIBBON SWITCH IN SURGICAL FOOTPEDAL CONTROL</b> [54] <b>CONTACT A RUBAN DANS UNE COMMANDE CHIRURGICALE A PEDALE</b> [72] CHEN, JERRY S. J., US [71] <b>ADVANCED MEDICAL OPTICS, INC., US</b> [85] 2002-12-19 [86] 2001-06-26 (PCT/US2001/020358) [87] 2002-01-03 (WO2002/001310) [30] US (09/607,431) 2000-06-27</p>	<p style="text-align: right;">[21] <b>2,415,258</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 19/00</b> [25] EN [54] <b>DEVICES AND METHODS FOR CARRYING OUT CHEMICAL REACTIONS USING PHOTOGENERATED REAGENTS</b> [54] <b>PROCEDES ET DISPOSITIFS FLUIDIQUES POUR REACTIONS CHIMIQUES PARALLELES</b> [72] ZHOU, TIECHENG, US [72] ZHOU, XIAOCHUAN, US [72] SUN, DAVID, US [71] <b>XEOTRON CORPORATION, US</b> [85] 2002-12-19 [86] 2001-07-03 (PCT/US2001/021092) [87] 2002-01-10 (WO2002/002227) [30] US (60/215,719) 2000-07-03</p>	<p style="text-align: right;">[21] <b>2,415,292</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 3/07 7H04J 3/12 7H04J 3/24 7H04L 12/28</b> [25] EN [54] <b>SINGLE CLOCK REFERENCE FOR COMPRESSED DOMAIN PROCESSING SYSTEMS WITH INTERSPERSED TRANSPORT PACKETS</b> [54] <b>REFERENCE A HORLOGE UNIQUE POUR SYSTEMES DE TRAITEMENT DE DOMAINES COMPRIMES AVEC PAQUETS DE TRANSPORT INTERCALAIRES</b> [72] ACAMPORA, ALPHONSE A., US [72] BELTZ, JOHN P., US [72] LYONS, PAUL W., US [71] <b>AGILEVISION, L.L.C., US</b> [85] 2003-01-07 [86] 2001-07-25 (PCT/US2001/023351) [87] 2002-01-31 (WO2002/009412) [30] US (60/220,669) 2000-07-25</p>
<p style="text-align: right;">[21] <b>2,415,254</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 61/36</b> [25] EN [54] <b>DEVICE FOR PRODUCING AN AQUEOUS CHLORINE DIOXIDE SOLUTION</b> [54] <b>DISPOSITIF DESTINE A LA PRODUCTION D'UNE SOLUTION AQUEUSE DE DIOXYDE DE CHLORE</b> [72] GIRARD, J., BLAIR, US [71] <b>RAYTEC CORPORATION, US</b> [85] 2002-12-19 [86] 2001-06-26 (PCT/US2001/020464) [87] 2002-01-03 (WO2002/000332) [30] US (09/605,689) 2000-06-27</p>	<p style="text-align: right;">[21] <b>2,415,262</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>SYSTEM AND METHODS FOR PROVIDING PHARMACEUTICAL PRODUCT INFORMATION</b> [54] <b>SYSTEME ET PROCEDES DE FOURNITURE D'INFORMATIONS SUR DES PRODUITS PHARMACEUTIQUES</b> [72] WELLS, MICHAEL G., US [72] PHAM, QUANG X., US [72] RAMSAY, DAVID A., US [72] HEIM, ALAN P., US [71] <b>LATHIAN SYSTEMS, INC., US</b> [85] 2002-12-19 [86] 2001-07-27 (PCT/US2001/023658) [87] 2002-02-07 (WO2002/011030) [30] US (60/221,869) 2000-07-28</p>	<p style="text-align: right;">[21] <b>2,415,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 213/85 7C07D 401/04 7C07D 405/04 7C07D 409/04 7C07D 417/04 7A61P 13/06 7C07D 401/10 7A61P 13/10 7C07D 401/12 7C07D 405/12 7A61K 31/196 7A61K 31/44 7A61K 31/4409 7A61K 31/4427 7A61K 31/443 7A61K 31/4436 7A61K 31/4439 7A61K 31/4709 7A61K 31/497 7A61K 31/506 7A61K 31/5377</b> [25] EN [54] <b>MEDICINE COMPRISING DICYANOPYRIDINE DERIVATIVE</b> [54] <b>MEDICAMENT COMPRENANT UN DERIVE DE DICYANOPYRIDINE</b> [72] WATANUKI, SUSUMU, JP [72] KAWAGUCHI, KENICHI, JP [72] TAKUWA, TOMOFUMI, JP [72] HARADA, HIRONORI, JP [72] SAITOH, CHIKASHI, JP [72] HIRANO, YUUSUKE, JP [72] OKAZAKI, TOSHIO, JP [71] <b>YAMANOUCHI PHARMACEUTICAL CO. LTD., JP</b> [85] 2003-01-13 [86] 2001-07-16 (PCT/JP2001/006136) [87] 2003-01-13 (WO2002/006237) [30] JP (2000-216982) 2000-07-18</p>
<p style="text-align: right;">[21] <b>2,415,257</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 11/00</b> [25] EN [54] <b>A METHOD FOR MODELING AN ARBITRARY WELL PATH IN A HYDROCARBON RESERVOIR USING ADAPTIVE MESHING</b> [54] <b>PROCEDE POUR MODELISER UN TRAJET DE PUIT ARBITRAIRE DANS UN GISEMENT D'HYDROCARBURES EN UTILISANT UN MAILLAGE ADAPTATIF</b> [72] KENNON, STEPHEN R., US [72] WARD, STEVEN B., US [71] <b>OBJECT RESERVOIR, INC., US</b> [85] 2002-12-19 [86] 2001-06-29 (PCT/US2001/020908) [87] 2002-01-10 (WO2002/003265) [30] US (60/215,697) 2000-06-29</p>		

## PCT Applications Entering the National Phase

---

[21] **2,416,097**  
[13] A1

[51] **Int.Cl. 7A01N 43/04 7C07K 1/00 7C07H 21/04**  
[25] EN  
[54] **MODIFIED SERUM ALBUMIN WITH REDUCED AFFINITY FOR NICKEL AND COPPER**  
[54] **ALBUMINE SERIQUE MODIFIEE A AFFINITE REDUITE POUR LE NICKEL ET LE CUIVRE**  
[72] CARTER, DANIEL C., US  
[71] NEW CENTURY PHARMACEUTICALS, INC., US  
[85] 2003-01-14  
[86] 2001-07-16 (PCT/US2001/022140)  
[87] 2002-01-24 (WO2002/005645)  
[30] US (09/616,962) 2000-07-14

---

[21] **2,416,272**  
[13] A1

[51] **Int.Cl. 7F02B 53/00 7F01C 1/344**  
[25] EN  
[54] **HOT WALL COMBUSTION INSERT FOR A ROTARY VANE PUMPING MACHINE**  
[54] **INSERT DE COMBUSTION A PAROI CHAUDE, DESTINE A UNE POMPE A PALETTES ROTATIVES**  
[72] MALLEN, BRIAN D., US  
[71] MALLEN RESEARCH LIMITED PARTNERSHIP, US  
[85] 2003-01-14  
[86] 2001-08-02 (PCT/US2001/024221)  
[87] 2002-02-07 (WO2002/010588)  
[30] US (09/631,882) 2000-08-02

---

[21] **2,416,412**  
[13] A1

[51] **Int.Cl. 7G03F 7/004 7G03F 1/08 7G03C 1/705**  
[25] EN  
[54] **DRY MULTILAYER INORGANIC ALLOY THERMAL RESIST FILM FOR LITHOGRAPHIC PROCESSING AND IMAGE CREATION**  
[54] **RESERVE THERMIQUE MULTICOUCHE SECHE D'ALLIAGE INORGANIQUE POUR TRAITEMENT LITHOGRAPHIQUE ET TRAITEMENT D'IMAGES**  
[72] SARUNIC, MARINKO VENCI, CA  
[72] TU, YUGIANG, CA  
[72] CHAPMAN, GLENN HARRISON, CA  
[71] CHAPMAN TECHNOLOGIES INCORPORATED, CA  
[85] 2003-01-17  
[86] 2001-07-17 (PCT/CA2001/001045)  
[87] 2002-01-24 (WO2002/006897)  
[30] US (09/618,065) 2000-07-17

---

[21] **2,416,443**  
[13] A1

[51] **Int.Cl. 7H04L 1/00**  
[25] EN  
[54] **METHOD FOR TRANSMITTING DATA IN THE ACCESS AREA**  
[54] **PROCEDE DE TRANSMISSION DE DONNEES EN ZONE D'ACCES**  
[72] BEYER, GUNTER, DE  
[72] GIECK, REINER, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2003-01-17  
[86] 2001-07-11 (PCT/DE2001/002584)  
[87] 2003-01-17 (WO2002/009341)  
[30] DE (100 35 389.4) 2000-07-20

---

[21] **2,416,569**  
[13] A1

[51] **Int.Cl. 7F02M 55/02**  
[25] EN  
[54] **FUEL SYSTEM**  
[54] **SYSTEME D'ALIMENTATION EN CARBURANT**  
[72] PEARLMAN, SAMUEL, US  
[72] KEYES, JARED J., US  
[71] DETROIT DIESEL CORPORATION, US  
[85] 2003-02-05  
[86] 2001-07-31 (PCT/US2001/041492)  
[87] 2002-03-21 (WO2002/023035)  
[30] US (09/659,985) 2000-09-12

---

[21] **2,416,609**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/24**  
[25] EN  
[54] **COMBUSTION CELL MODULE AND BATTERY BASED THEREON**  
[54] **MODULE DE PILES A COMBUSTIBLE ET BATTERIE UTILISANT CE MODULE**  
[72] KARICHEV, ZIYA RAMIZOVICH, RU  
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO INDEPENDENT POWER TECHNOLOGIES "IPT", RU  
[85] 2003-01-13  
[86] 2002-04-10 (PCT/RU2002/000163)  
[87] 2002-10-24 (WO2002/084769)  
[30] RU (2001109733) 2001-04-12

---

[21] **2,416,667**  
[13] A1

[51] **Int.Cl. 7C07D 205/04 7A61P 3/10 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 417/12 7C07D 207/14 7C07D 405/14 7C07D 417/14 7A61K 31/397 7A61K 31/40 7A61K 31/4025 7A61K 31/4468 7A61K 31/454 7C07D 207/48 7C07D 211/58 7C07D 211/96**  
[25] EN  
[54] **CYCLYLAMINE SULFONAMIDES AS BETA-3 ADRENERGIC RECEPTOR AGONISTS**  
[54] **SULFONAMIDES CYCLYLAMINE EN TANT QU'AGONISTES DU RECEPTEUR ADRENERGIQUE BETA-3**  
[72] HU, BAIHUA, US  
[72] SUM, FUK-WAH, US  
[71] WYETH COMPANY, US  
[85] 2003-01-14  
[86] 2001-07-16 (PCT/US2001/022359)  
[87] 2002-01-24 (WO2002/006221)  
[30] US (60/218,764) 2000-07-17

---

[21] **2,416,709**  
[13] A1

[51] **Int.Cl. 7A61K 31/5575 7A61P 15/10**  
[25] EN  
[54] **RECTILE DYSFUNCTION REMEDIES CONTAINING PROSTAGLANDIN DERIVATIVES AS THE ACTIVE INGREDIENT**  
[54] **REMEDES CONTRE LA DYSERECTION CONTENANT DES DERIVES DE PROSTAGLANDINE COMME PRINCIPE ACTIF**  
[72] NARITA, MASAMI, JP  
[72] KIMURA, KAZUNORI, JP  
[72] YOSHIDA, KOZO, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2003-01-17  
[86] 2001-07-30 (PCT/JP2001/006540)  
[87] 2003-01-17 (WO2002/009717)  
[30] JP (2000-230149) 2000-07-31

## Demandes PCT entrant en phase nationale

---

[21] **2,416,713**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C12N 1/21 7C07K 16/28 7C12N 15/62 7C12N 15/63 7G01N 33/68 7C07K 14/705**  
[25] EN  
[54] **SIGLEC (SIALIC ACID-BINDING IG-RELATED LECTIN) POLYPEPTIDES AND USES THEREOF**  
[54] **NOUVEAUX SIGLECS ET LEURS UTILISATIONS**  
[72] WHITNEY, GENA, US  
[72] CHANG, HAN, US  
[72] LONGPHRE, MALINDA, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2003-01-20  
[86] 2001-07-20 (PCT/US2001/023082)  
[87] 2002-01-31 (WO2002/008257)  
[30] US (60/220,139) 2000-07-21

---

[21] **2,416,722**  
[13] A1  
[51] **Int.Cl. 7C07C 251/40 7C07D 261/04 7C07D 413/10 7C07C 319/14**  
[25] EN  
[54] **PREPARATION OF 4-THIOALKYLBROMOBENZENE DERIVATIVES**  
[54] **PREPARATION DE DERIVES DE 4-THIOALKYLBROMOBENZENE**  
[72] GEBHARDT, JOACHIM, DE  
[72] LOCHTMAN, RENE, DE  
[72] KEIL, MICHAEL, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] RACK, MICHAEL, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2003-01-14  
[86] 2001-07-17 (PCT/EP2001/008238)  
[87] 2002-01-24 (WO2002/006211)  
[30] DE (100 35 075.5) 2000-07-17

---

[21] **2,416,794**  
[13] A1  
[51] **Int.Cl. 7A61P 37/00 7C07K 16/00 7A61P 35/00 7C12N 5/10 7A61K 38/19 7A61K 39/385 7A61K 39/395 7G01N 33/68 7C12N 15/866**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR ALTERING A T CELL MEDIATED PATHOLOGY**  
[54] **METHODE ET COMPOSITION DE MODIFICATION D'UNE PATHOLOGIE A MEDIATION ASSUREE PAR LES LYMPHOCYTES T**  
[72] GOLD, DANIEL P., US  
[72] SHOPEL, ROBERT J., US  
[71] FAVRILLE, INC., US  
[85] 2003-01-20  
[86] 2001-08-10 (PCT/US2001/025203)  
[87] 2002-02-21 (WO2002/013861)  
[30] US (60/224,723) 2000-08-11  
[30] US (60/224,722) 2000-08-11  
[30] US (60/266,133) 2001-02-01

---

[21] **2,417,221**  
[13] A1  
[51] **Int.Cl. 7G09F 11/23 7G09F 3/20**  
[25] FR  
[54] **ETIQUETTE A ELEMENTS D'AFFICHAGE ROTATIFS**  
[54] **LABEL WITH ROTARY DISPLAY ELEMENTS**  
[72] LACROIX, JEAN-PAUL, FR  
[71] DRIVER, FR  
[85] 2003-01-24  
[86] 2001-07-25 (PCT/FR2001/002428)  
[87] 2002-01-31 (WO2002/009077)  
[30] FR (00/09850) 2000-07-26

---

[21] **2,417,233**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12N 15/00 7C07H 21/02 7G01N 33/53**  
[25] EN  
[54] **METHODS OF ISOLATING GENES ENCODING PROTEINS OF SPECIFIC FUNCTION AND OF SCREENING FOR PHARMACEUTICALLY ACTIVE AGENTS**  
[54] **METHODES D'ISOLATION DE GENES CODANT DES PROTEINES A FONCTION SPECIFIQUE ET DE CRIBLAGE D'AGENTS ACTIFS D'UN POINT DE VUE PHARMACEUTIQUE**  
[72] SHUTTMAN, MICHAEL, IL  
[72] KAM, ZVI, IL  
[72] BERSHADSKY, ALEXANDER, IL  
[72] ZAMIR, ELI, IL  
[72] BEN-ZE'EV, AVRI, IL  
[72] GEIGER, BENJAMIN, IL  
[71] YEDA RESEARCH & DEVELOPMENT CO. LTD., IL  
[85] 2003-02-05  
[86] 2001-08-29 (PCT/IL2001/000813)  
[87] 2002-03-07 (WO2002/018537)  
[30] US (60/228,420) 2000-08-29  
[30] US (60/306,457) 2001-07-20

---

[21] **2,417,241**  
[13] A1  
[51] **Int.Cl. 7H04L 1/06 7H04L 1/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GATED ACK/NAK CHANNEL IN A COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR UN CANAL D'ADMISSION/NON ADMISSION DECLENCHE DANS UN SYSTEME DE COMMUNICATION**  
[72] BENDER, PAUL E., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2003-02-05  
[86] 2001-08-28 (PCT/US2001/026946)  
[87] 2002-03-07 (WO2002/019605)  
[30] US (09/653,744) 2000-09-01



## PCT Applications Entering the National Phase

[21] **2,417,255**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 35/00 7A61K 31/704**  
[25] EN  
[54] **NOVEL REMEDIES FOR CANCER**  
[54] **NOUVEAUX REMEDES CONTRE LE CANCER**  
[72] HANADA, MITSU HARU, JP  
[72] NOGUCHI, TOSHIHIRO, JP  
[72] BABA, AKEMI, JP  
[71] SUMITOMO PHARMACEUTICALS CO., LTD., JP  
[85] 2003-01-24  
[86] 2001-07-26 (PCT/JP2001/006467)  
[87] 2003-01-24 (WO2002/009754)  
[30] JP (2000-228239) 2000-07-28

[21] **2,417,473**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7A61P 35/00 7A61K 31/4375**  
[25] FR  
[54] **UTILISATION DE COMPOSES AROMATIQUES POLYCYCLIQUES POUR FABRIQUER DES MEDICAMENTS CAPABLES D'INHIBER LA TELOMERASE**  
[54] **USE OF POLYCYCLIC AROMATIC COMPOUNDS FOR MAKING MEDICINES CAPABLE OF INHIBITING TELOMERASE**  
[72] LACROIX, LAURENT, FR  
[72] MERGNY, JEAN-LOUIS, FR  
[72] TEULADE-FICHOU, MARIE-PAULE, FR  
[72] HELENE, CLAUDE, FR  
[72] LEHN, JEAN-MARIE, FR  
[72] VIGNERON, JEAN-PIERRE, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M.), FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[71] MUSEUM NATIONAL D'HISTOIRE NATURELLE, FR  
[85] 2003-02-03  
[86] 2001-07-30 (PCT/FR2001/002492)  
[87] 2002-02-07 (WO2002/010165)  
[30] FR (00/10218) 2000-08-02

[21] **2,417,587**  
[13] A1

[51] **Int.Cl. 7C07K 14/705**  
[25] EN  
[54] **TRANSPORTERS AND ION CHANNELS**  
[54] **TRANSPORTEURS ET CANAUX IONIQUES**  
[72] GANDHI, AMEENA R., US  
[72] KHAN, FARRAH A., US  
[72] RAUMANN, BRIGITTE E., US  
[72] BURFORD, NEIL, US  
[72] SANJANWALA, MADHU S., US  
[72] SEILHAMER, JEFFREY J., US  
[72] GREENE, BARRIE D., US  
[72] LO, TERENCE P., US  
[72] THORNTON, MICHAEL, US  
[72] YUE, HENRY, US  
[72] POLICKY, JENNIFER L., US  
[72] BOROWSKY, MARK L., US  
[72] RAMKUMAR, JAYALAXMI, US  
[72] HAFALIA, APRIL J. A., US  
[72] YANG, JUNMING, US  
[72] AZIMZAI, YALDA, US  
[72] BAUGHN, MARIAH R., US  
[72] TANG, Y. TOM, US  
[72] LU, YAN, US  
[72] NGUYEN, DANNIEL B., US  
[72] PATTERSON, CHANDREA, US  
[72] KALLICK, DEBORAH A., US  
[72] ELLIOTT, VICKI S., US  
[72] DING, LI, US  
[72] LEE, ERNESTINE A., US  
[72] DAS, DEBOPRIYA, US  
[72] LAL, PREETI, US  
[72] REDDY, ROOPA, US  
[72] YAO, MONIQUE G., US  
[72] HERNANDEZ, ROBERTO, GB  
[72] ISON, CRAIG H., US  
[72] LU, DYUNG AINA M., US  
[72] WALIA, NARINDER K., US  
[72] TRIBOULEY, CATHERINE M., US  
[72] XU, YUMING, US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-01-28  
[86] 2001-08-01 (PCT/US2001/024217)  
[87] 2002-02-14 (WO2002/012340)  
[30] US (60/223,269) 2000-08-03  
[30] US (60/224,456) 2000-08-10  
[30] US (60/226,410) 2000-08-18  
[30] US (60/228,140) 2000-08-25  
[30] US (60/230,067) 2000-08-31  
[30] US (60/231,434) 2000-09-08

[21] **2,417,594**  
[13] A1

[51] **Int.Cl. 7C07D 495/04 7C07D 487/04 7C07D 491/04 7C07D 513/04 7A61P 3/10 7A61P 9/10 7A61K 31/407**  
[25] EN  
[54] **BICYCLIC PYRROLYL AMIDES AS GLUCOGEN PHOSPHORYLASE INHIBITORS**  
[54] **AMIDES DE PYRROLYLE BICYCLIQUES SERVANT D'INHIBITEURS DE GLYCOGENE PHOSPHORYLASE**  
[72] WHITTAMORE, PAUL, GB  
[72] MORLEY, ANDREW, GB  
[72] FREEMAN, SUE, GB  
[72] BARTLETT, JULIE B., GB  
[72] KENNY, PETER, GB  
[71] ASTRAZENECA AB, SE  
[85] 2003-02-05  
[86] 2001-08-31 (PCT/SE2001/001880)  
[87] 2002-03-14 (WO2002/020530)  
[30] GB (0021831.3) 2000-09-06

[21] **2,417,597**  
[13] A1

[51] **Int.Cl. 7C12P 9/00 7C12P 13/06**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF PHOSPHOLIPIDS**  
[54] **PROCESSUS DE PRODUCTION DE PHOSPHOLIPIDES**  
[72] KUDO, SATOSHI, JP  
[72] YAMATOYA, HIDEYUKI, JP  
[72] SAKAI, MASASHI, JP  
[72] EBINA, RIKI, JP  
[71] KABUSHIKI KAISHA YAKULT HONSHA, JP  
[85] 2003-01-28  
[86] 2001-07-27 (PCT/JP2001/006502)  
[87] 2003-01-28 (WO2002/012532)  
[30] JP (2000-241034) 2000-08-09

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,417,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08B 13/14</b> [25] EN [54] <b>MATERIALS AND CONSTRUCTION FOR A TAMPER INDICATING RADIO FREQUENCY IDENTIFICATION LABEL</b> [54] <b>MATERIAUX ET CONSTRUCTION D'UNE ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE A INDICATION DE MODIFICATION</b> [72] AHERTON, PETER S., US [72] PRICE, DAVID M., US [72] WHITEFIELD, JAMES, US [72] CAO, MIAO YONG, US [71] MIKOH CORPORATION, US [71] PARLEX CORPORATION, US [85] 2003-01-28 [86] 2001-07-27 (PCT/US2001/023639) [87] 2002-02-07 (WO2002/011094) [30] US (60/221,640) 2000-07-28 [30] US (60/236,218) 2000-09-28 [30] US (09/915,760) 2001-07-26</p>	<p style="text-align: right;">[21] <b>2,417,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 5/18 7C08L 23/08 7B32B 27/12 7C08L 77/12</b> [25] FR [54] <b>FILM IMPER-RESPIRANT</b> [54] <b>BREATHABLE FILM</b> [72] LACROIX, CHRISTOPHE, FR [71] ATOFINA, FR [85] 2003-02-03 [86] 2001-07-31 (PCT/FR2001/002500) [87] 2002-02-14 (WO2002/012376) [30] FR (00/10376) 2000-08-04</p>	<p style="text-align: right;">[21] <b>2,417,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 1/05</b> [25] EN [54] <b>LISTENING DEVICE</b> [54] <b>ECOUTEUR</b> [72] WAGNER, GEORG, AT [72] HUBER, DANIEL, AT [71] SPIRIT DESIGN, HUBER, CHRISTOFFER, WAGNER OEG, AT [85] 2003-02-05 [86] 2001-07-02 (PCT/AT2001/000214) [87] 2003-02-05 (WO2002/003662) [30] AT (A 1132/2000) 2000-06-30</p>
<p style="text-align: right;">[21] <b>2,417,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/58 7G01N 33/543 7G01N 33/558</b> [25] EN [54] <b>CAPSULES ENCAPSULATING SOLID PARTICLES OF SIGNAL-GENERATING ORGANIC SUBSTANCES</b> [54] <b>CAPSULES RENFERMANT DES PARTICULES SOLIDES DE SUBSTANCES ORGANIQUES FOURNISSANT UN SIGNAL ET LEURS UTILISATIONS DANS DES TESTS BIOLOGIQUES IN-VITRO POUR LA DETECTION DE MOLECULES CIBLES DANS UN ECHANTILLON</b> [72] TRAU, DIETER, DE [72] RENNEBERG, REINHARD, CN [72] CARUSO, FRANK, DE [72] LEHMANN, MATTHIAS, DE [71] 8SENS BIOGNOSTICS AG, DE [85] 2003-02-05 [86] 2001-08-07 (PCT/EP2001/009114) [87] 2002-02-14 (WO2002/012888) [30] DE (100 42 023.0) 2000-08-08</p>	<p style="text-align: right;">[21] <b>2,417,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/00</b> [25] EN [54] <b>SECRETASE/SHEDDASE WITH ASP-ASE ACTIVITY ON THE BETA-SITE APP-CLEAVING ENZYME (BACE, ASP2, MEMEPSIN 2)</b> [54] <b>SECRETASE/SHEDDASE AVEC ACTIVITE D'ASP-ASE SUR L'ENZYME DE CLIVAGE APP DU SITE BETA (BACE ASP2, MEMEPSINE 2)</b> [72] CHRETIEN, MICHEL, CA [72] SEIDAH, NABIL G., CA [72] CROMLISH, JAMES A., CA [71] INSTITUT DE RECHERCHE CLINIQUES DE MONTREAL (IRCM), CA [85] 2003-01-30 [86] 2001-08-01 (PCT/CA2001/001118) [87] 2002-02-07 (WO2002/010354) [30] CA (2,313,828) 2000-08-01</p>	<p style="text-align: right;">[21] <b>2,417,971</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23D 9/00 7A23D 9/013 7A21D 2/16 7A23K 1/16 7A61K 31/20 7A23L 1/30</b> [25] EN [54] <b>OIL/FAT COMPOSITION</b> [54] <b>COMPOSITION HUILE/MATIERE GRASSE</b> [72] KOIKE, SHIN, JP [72] TAKEI, AKIRA, JP [72] MURASE, TAKATOSHI, JP [72] KATSURAGI, YOSHIHISA, JP [72] HASE, TADASHI, JP [72] YASUMASU, TAKESHI, JP [71] KAO CORPORATION, JP [85] 2003-02-05 [86] 2001-08-07 (PCT/JP2001/006778) [87] 2002-02-14 (WO2002/011550) [30] JP (2000-239575) 2000-08-08</p>
<p style="text-align: right;">[21] <b>2,417,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01F 1/00 7G01F 15/00</b> [25] EN [54] <b>DEVICE FOR MEASURING/ DETERMINING A PHYSICAL QUANTITY OF A MEDIUM</b> [54] <b>DISPOSITIF POUR MESURER/ DETERMINER UNE GRANDEUR PHYSIQUE D'UN SUPPORT</b> [72] STENGELE, FLORIAN, DE [72] KRAUSE, MICHAEL, DE [71] ENDRESS + HAUSER GMBH + CO., DE [85] 2003-02-03 [86] 2001-07-25 (PCT/EP2001/008569) [87] 2003-02-03 (WO2002/012834) [30] DE (100 37 911.7) 2000-08-03</p>	<p style="text-align: right;">[21] <b>2,417,977</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/26</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE SYNCHRONISATION DE TERMINAUX MOBILES SUR UN CANAL RADIO EN MODE DIRECT</b> [54] <b>METHOD AND DEVICE FOR SYNCHRONISING MOBILE TERMINALS ON A RADIO CHANNEL IN DIRECT MODE</b> [72] PIROARD, FRANCOIS, FR [72] PASCAL, GUILLAUME, FR [72] MARQUE PUCHEU, GERARD, FR [71] NORTEL NETWORKS FRANCE, FR [85] 2003-02-03 [86] 2001-08-02 (PCT/FR2001/002532) [87] 2002-02-14 (WO2002/013419) [30] FR (00/10259) 2000-08-03</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,417,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61C 17/02</b> [25] EN [54] <b>DENTAL CARE DEVICE</b> [54] <b>APPAREIL DE SOINS DENTAIRES</b> [72] HOIBY, PER, NO [72] NORDMO, JON, NO [71] HOIBY, PER, NO [71] NORDMO, JON, NO [85] 2003-02-05 [86] 2001-08-07 (PCT/NO2001/000332) [87] 2002-02-21 (WO2002/013721) [30] NO (20003993) 2000-08-08 [30] NO (20011794) 2001-04-09</p>	<p style="text-align: right;">[21] <b>2,418,088</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/09 7A61K 48/00 7A61P 25/00 7A61P 43/00 7C12P 21/02 7C12N 5/10 7A61K 38/16 7A61K 31/711</b> [25] EN [54] <b>NUMB PROTEIN EXPRESSION INHIBITORS BY MUSASHI</b> [54] <b>INHIBITEUR DE L'EXPRESSION DE LA PROTEINE NUMB PAR MUSASHI</b> [72] NAKAFUKU, MASATO, JP [72] OKANO, HIDEYUKI, JP [72] TOKUNAGA, AKINORI, JP [72] YOSHIDA, TETSU, JP [72] MIKOSHIBA, KATSUHIKO, JP [72] IMAI, TAKAO, JP [71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP [85] 2003-01-31 [86] 2001-11-22 (PCT/JP2001/010231) [87] 2003-01-31 (WO2002/099102) [30] JP (2001-164412) 2001-05-31</p>	<p style="text-align: right;">[21] <b>2,418,092</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 13/44 7H03H 7/52</b> [25] EN [54] <b>RADIO FREQUENCY RECEIVING CIRCUIT HAVING A PASSIVE MONOPULSE COMPARATOR</b> [54] <b>CIRCUIT DE RECEPTION DE FREQUENCES RADIO COMPRENANT UN COMPARETEUR MONOPULSE PASSIF</b> [72] DELCHECCOLO, MICHAEL J., US [72] LICCIARDELLO, JOSEPH, US [72] LAFAVE, GEORGE, US [72] HEBEISEN, MARK A., US [72] SWEENEY, ANTHONY, US [72] FORBES, ANDREW B., US [72] GINGRAS, RAY, US [72] TOH, JOHN, US [71] RAYTHEON COMPANY, US [85] 2003-02-04 [86] 2001-06-28 (PCT/US2001/020573) [87] 2002-02-14 (WO2002/012916) [30] US (09/633,298) 2000-08-08</p>
<p style="text-align: right;">[21] <b>2,418,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01G 25/02 7C01G 25/00</b> [25] FR [54] <b>ZIRCON SOUS FORME DE POUFRE FINE, HYDROXYCARBONATE DE ZIRCONIUM ET LEURS PROCEDES DE PREPARATION</b> [54] <b>ZIRCONIA IN FINE POWDER FORM, ZIRCONIA HYDROXYCARBONATE AND METHODS FOR PREPARING SAME</b> [72] MARTIN, JEAN-VALERY, FR [71] RHODIA TERRES RARES, FR [85] 2003-02-03 [86] 2001-07-09 (PCT/FR2001/002200) [87] 2002-02-14 (WO2002/012123) [30] FR (00/10331) 2000-08-04</p>	<p style="text-align: right;">[21] <b>2,418,089</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/00</b> [25] EN [54] <b>IMAGE CONVERSION AND ENCODING TECHNIQUE</b> [54] <b>PROCEDE DE CONVERSION ET DE CODAGE D'IMAGE</b> [72] HARMAN, PHILIP, AU [71] DYNAMIC DIGITAL DEPTH RESEARCH PTY. LTD., AU [85] 2003-02-04 [86] 2001-08-03 (PCT/AU2001/000946) [87] 2002-02-14 (WO2002/013143) [30] AU (PQ 9222) 2000-08-04 [30] AU (PR 2757) 2001-01-29</p>	<p style="text-align: right;">[21] <b>2,418,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7C07H 21/02</b> [25] EN [54] <b>VHL PROMOTER DIAGNOSTIC POLYMORPHISM</b> [54] <b>POLYMORPHISME DIAGNOSTIQUE DU PROMOTEUR VHL</b> [72] MOSKOWITZ, DAVID W., US [71] DZ GENES LLC, US [85] 2003-02-04 [86] 2001-08-09 (PCT/US2001/024985) [87] 2002-02-14 (WO2002/012567) [30] US (60/224,084) 2000-08-09</p>
<p style="text-align: right;">[21] <b>2,418,084</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 291/08 7A61P 3/10 7A61K 31/425</b> [25] EN [54] <b>SUBSTITUTED AND NON-SUBSTITUTED BENZOOXATHIAZOLES AND COMPOUNDS DERIVED THEREFROM</b> [54] <b>BENZOOXATHIAZOLES SUBSTITUES ET NON SUBSTITUES ET COMPOSES DERIVES DE CEUX-CI</b> [72] HOLDER, SWEN, DE [72] BARINGHAUS, KARL-HEINZ, DE [72] PETRY, STEFAN, DE [72] MUELLER, GUENTER, DE [71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE [85] 2003-02-04 [86] 2001-07-27 (PCT/EP2001/008704) [87] 2003-02-04 (WO2002/011722) [30] DE (100 38 709.8) 2000-08-09</p>	<p style="text-align: right;">[21] <b>2,418,090</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01F 17/00 7C07C 51/09 7E21B 43/26</b> [25] EN [54] <b>SURFACTANT</b> [54] <b>AGENT DE SURFACE</b> [72] TUSTIN, GARY JOHN, GB [72] JONES, TIMOTHY GARETH JOHN, GB [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2003-02-04 [86] 2001-07-11 (PCT/GB2001/003123) [87] 2002-02-14 (WO2002/011873) [30] GB (0019381.3) 2000-08-07</p>	<p style="text-align: right;">[21] <b>2,418,095</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65C 9/00 7B65C 9/02 7B65C 9/18 7B65C 9/24 7B65C 9/26</b> [25] EN [54] <b>APPARATUS FOR APPLYING HEAT-TRANSFER LABELS ONTO OBJECTS</b> [54] <b>APPAREIL POUR L'APPLICATION D'ETIQUETTES PAR TRANSFERT A CHAUD SUR DES OBJETS</b> [72] GEURTSSEN, JOHN W., US [72] GEURTSSEN, FRIEDRICH H. H., US [72] CROCI, PAUL C., US [71] AVERY DENNISON COMPANY, US [85] 2003-02-04 [86] 2001-08-09 (PCT/US2001/024989) [87] 2002-02-14 (WO2002/012071) [30] US (09/634,204) 2000-08-09</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,418,098</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 21/02 7B65D 1/26</b> [25] EN [54] <b>CONTAINER HAVING STORAGE AREA WITH SEPARATE CHAMBER</b> [54] <b>CONTENANT COMPORTANT UN ZONE DE STOCKAGE AVEC UNE ENCEINTE SEPARÉE</b> [72] BAKER, PAUL, US [71] MARS INCORPORATED, US [85] 2003-02-04 [86] 2001-08-03 (PCT/US2001/041522) [87] 2002-02-14 (WO2002/012078) [30] US (09/632,389) 2000-08-04</p>	<p style="text-align: right;">[21] <b>2,418,189</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 15/00</b> [25] EN [54] <b>OPTIMIZATION OF AN ELECTROSTATICALLY DOSED DRY POWDER INHALER</b> [54] <b>OPTIMISATION D'UN INHALATEUR DE POUDRE SECHE DOSEE PAR VOIE ELECTROSTATIQUE</b> [72] NILSSON, THOMAS, SE [71] MICRODRUG AG, CH [85] 2003-02-04 [86] 2001-09-12 (PCT/SE2001/001942) [87] 2002-03-28 (WO2002/024264) [30] SE (0003364-7) 2000-09-21</p>	<p style="text-align: right;">[21] <b>2,418,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 417/04 7A01N 43/80</b> [25] EN [54] <b>THIAZOLE DERIVATIVES OF 2-METHOXYIMINO-2-(PYRIDINYLOXYMETHYL)-PHENYL-ACETAMIDES USEFUL AS FUNGICIDES</b> [54] <b>DERIVES THIAZOLES DE 2-METHOXYIMINO-2-(PYRIDINYLOXYMETHYL) PHENYL ACETAMIDES A ACTIVITE FONGICIDE</b> [72] RIEDER, BRENT JEFFREY, US [72] CETUSIC, JEANNIE RACHEL PHILLIPS, US [71] DOW AGROSCIENCES LLC, US [85] 2003-02-04 [86] 2001-09-19 (PCT/US2001/029351) [87] 2002-03-28 (WO2002/024691) [30] US (60/233,781) 2000-09-19</p>
<p style="text-align: right;">[21] <b>2,418,132</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47L 13/16 7A47L 13/20</b> [25] EN [54] <b>WIPING CLOTH AND MOP MATERIAL</b> [54] <b>MATERIAU POUR CHIFFONNETTE ET SERPILLIERE</b> [72] NORD, THOMAS D., US [71] MILLIKEN &amp; COMPANY, US [85] 2003-02-05 [86] 2001-07-18 (PCT/US2001/022723) [87] 2002-02-28 (WO2002/015764) [30] US (09/643,413) 2000-08-22</p>	<p style="text-align: right;">[21] <b>2,418,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/435</b> [25] EN [54] <b>DENDRITIC CELL-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHODS</b> [54] <b>ACIDES NUCLEIQUES ISSUS DES CELLULES DENDRITIQUES ET COMPOSITIONS ET METHODES ASSOCIEES</b> [72] RISSOAN, MARIE-CLOTILDE, FR [72] DUHEN, THOMAS, FR [72] BRIERE, FRANCINE, FR [72] BATES, ELIZABETH, FR [72] BRIDON, JEAN-MICHEL, FR [71] SCHERING CORPORATION, US [85] 2003-01-16 [86] 2001-07-17 (PCT/US2001/022663) [87] 2002-01-24 (WO2002/006328) [30] EP (00306087.8) 2000-07-18</p>	<p style="text-align: right;">[21] <b>2,418,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22F 3/22 7B28B 1/24 7C04B 35/638</b> [25] EN [54] <b>IMPROVED POWDER INJECTION MOLDING PROCESS AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL AMELIORES DE MOULAGE PAR INJECTION DE POUDRE</b> [72] BELHADJHAMIDA, HAKIM, CA [71] MOLD-MASTERS LIMITED, CA [85] 2003-02-05 [86] 2001-08-17 (PCT/CA2001/001183) [87] 2002-02-21 (WO2002/013997) [30] US (60/225,749) 2000-08-17</p>
<p style="text-align: right;">[21] <b>2,418,144</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/435 7C12N 5/10 7C12N 15/12 7A61K 38/16 7C12N 15/16 7A61K 38/17 7A61K 38/22 7C07K 16/26 7A61K 38/35 7A61K 39/395 7C07K 14/47 7C07K 14/575 7C12N 15/62 7C12N 15/63 7C12N 15/64 7C07K 14/695</b> [25] EN [54] <b>UROCORTIN PROTEINS AND USES THEREOF</b> [54] <b>PROTEINES UROCORTINES ET UTILISATIONS</b> [72] HOGENESCH, JOHN B., US [72] LEWIS, KATHY A., US [72] VAUGHAN, JOAN M., US [72] REYES, TERESA M., US [72] RIVIER, JEAN E., US [72] PERRIN, MARILYN H., US [72] SAWCHENKO, PAUL F., US [72] VALE, WYLIE W., US [71] RESEARCH DEVELOPMENT FOUNDATION, US [85] 2003-02-03 [86] 2001-07-31 (PCT/US2001/023976) [87] 2002-02-14 (WO2002/012307) [30] US (60/223,255) 2000-08-04 [30] US (60/273,969) 2001-03-07</p>	<p style="text-align: right;">[21] <b>2,418,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/54 7C12N 9/12 7C12N 1/21 7C07K 16/40 7G01N 33/573 7C12N 15/62</b> [25] EN [54] <b>NOVEL MITOGEN ACTIVATED KINASE</b> [54] <b>NOUVELLES PROTEINES MEKK</b> [72] SCHARM, BURKHARD, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE [85] 2003-02-07 [86] 2001-08-07 (PCT/EP2001/009109) [87] 2002-02-21 (WO2002/014355) [30] EP (00117425.9) 2000-08-11</p>	

## PCT Applications Entering the National Phase

---

[21] **2,418,277**  
[13] A1  
[51] **Int.Cl. 7B01D 53/94 7F01N 3/035**  
**7B01J 19/08 7F01N 3/08**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR REMOVING NOX FROM ENGINE EXHAUST GASES**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ELIMINER LES NOX DES GAZ DE MOTEUR**  
[72] GILLESPIE, ROBERT FREW, GB  
[72] RAYBONE, DAVID, GB  
[72] SHAWCROSS, JAMES TIMOTHY, GB  
[71] ACCENTUS PLC, GB  
[85] 2003-02-05  
[86] 2001-08-15 (PCT/GB2001/003636)  
[87] 2002-02-28 (WO2002/016014)  
[30] GB (0020287.9) 2000-08-17

---

[21] **2,418,285**  
[13] A1  
[51] **Int.Cl. 7A23L 1/29 7A23L 1/302**  
**7A23L 1/305**  
[25] EN  
[54] **NUTRITIONAL COMPOSITION**  
[54] **COMPOSITIONS ALIMENTAIRES**  
[72] REIFFERS-MAGNANI, KRISTEL, NL  
[72] ANANTHARAMAN, HELEN GILLIAN, US  
[72] MALLANGI, CHANDRASEKHARA R., US  
[72] TURINI, MARCO, CH  
[72] LEATHWOOD, PETER, CH  
[72] GUIGOZ, YVES, CH  
[72] GARCIA-RODENAS, CLARA L., CH  
[72] FUCHS, EILEEN C., US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-02-04  
[86] 2001-08-20 (PCT/EP2001/009578)  
[87] 2002-02-28 (WO2002/015719)  
[30] US (60/227,117) 2000-08-22

---

[21] **2,418,286**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44**  
[25] FR  
[54] **CABLE DE TELECOMMUNICATION A MODULES DE FIBRES OPTIQUES**  
[54] **TELECOMMUNICATION CABLE WITH OPTICAL FIBRE MODULES**  
[72] JAMET, PATRICK, FR  
[72] BERNIER, DANIEL, FR  
[71] LECOURTTIER, NATHALIE, FR  
[71] SAGEM SA, FR  
[85] 2003-02-03  
[86] 2001-09-21 (PCT/FR2001/002953)  
[87] 2002-04-18 (WO2002/031568)  
[30] FR (00/12966) 2000-10-09

---

[21] **2,418,287**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **LOW SPEED SPEECH ENCODING METHOD BASED ON INTERNET PROTOCOL**  
[54] **PROCEDE DE CODAGE DE LA PAROLE A BASSE VITESSE SUR LA BASE D'UN PROTOCOLE INTERNET**  
[72] LI, YINGTAO, CN  
[72] PAN, SHENGXI, CN  
[71] HUAWEI TECHNOLOGIES CO., LTD., CN  
[85] 2003-02-04  
[86] 2001-06-12 (PCT/CN2001/000964)  
[87] 2003-02-04 (WO2002/017588)  
[30] CN (00 1 26112.6) 2000-08-19

---

[21] **2,418,293**  
[13] A1  
[51] **Int.Cl. 7A44B 13/00 7A41H 37/02**  
[25] EN  
[54] **EYELET FOR REINFORCING THE EDGE OF A HOLE IN A CARRIER WEB AND DEVICE FOR ATTACHING AN EYELET TO A CARRIER WEB**  
[54] **OEILLET DESTINE A RENFORCER LES BORDS D'UN TROU DANS UNE BANDE PORTEUSE ET DISPOSITIF DESTINE A LOGER UN OEILLET SUR UNE BANDE PORTEUSE**  
[72] KOPATZ, HEINZ-DIETER, DE  
[71] WILLIAM PRYM GMBH & CO. KG, DE  
[85] 2003-02-04  
[86] 2001-06-02 (PCT/EP2001/006316)  
[87] 2003-02-04 (WO2002/013646)  
[30] DE (100 39 462.0) 2000-08-12  
[30] DE (201 04 102.2) 2001-03-09

---

[21] **2,418,303**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395**  
[25] EN  
[54] **TREATMENT OF HIV-1 INFECTION AND INFLAMMATORY DISEASE USING CYCLOPHILIN RECEPTOR ANTAGONISTS**  
[54] **TRAITEMENT DE L'INFECTION PAR VIH-1 ET DE MALADIES INFLAMMATOIRES AU MOYEN D'ANTAGONISTES DU RECEPTEUR DE LA CYCLOPHILINE**  
[72] SHERRY, BARBARA A., US  
[72] BUKRINSKY, MICHAEL I., US  
[71] THE PICOWER INSTITUTE FOR MEDICAL RESEARCH, US  
[85] 2003-02-05  
[86] 2001-08-10 (PCT/US2001/025178)  
[87] 2002-02-21 (WO2002/013763)  
[30] US (09/637,033) 2000-08-10

---

[21] **2,418,304**  
[13] A1  
[51] **Int.Cl. 7B41M 5/00**  
[25] EN  
[54] **PRINTED SUBSTRATE WITH VARIABLE LOCAL ATTRIBUTES**  
[54] **SUBSTRAT IMPRIME COMPORTANT DES ATTRIBUTS LOCAUX VARIABLES**  
[72] NISSING, NICHOLAS JAMES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-05  
[86] 2001-08-14 (PCT/US2001/025397)  
[87] 2002-02-21 (WO2002/014080)  
[30] US (09/638,237) 2000-08-14

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,418,307</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/20 7C01C 1/10 7B01J 23/64 7B01J 23/652 7B01D 53/86</b></p> <p>[25] EN</p> <p>[54] <b>PROCESS AND APPARATUS FOR TREATING AMMONIA-CONTAINING WASTE WATER</b></p> <p>[54] <b>PROCEDE DE TRAITEMENT D'EAUX USEES CONTENANT DE L'AMMONIAQUE ET APPAREIL CORRESPONDANT</b></p> <p>[72] NAKAMOTO, TAKANORI, JP</p> <p>[72] KATO, YASUYOSHI, JP</p> <p>[72] TAKAMOTO, SHIGEHITO, JP</p> <p>[72] KIKKAWA, HIROFUMI, JP</p> <p>[71] BABCOCK-HITACHI KABUSHIKI KAISHA, JP</p> <p>[85] 2003-02-05</p> <p>[86] 2001-03-30 (PCT/JP2001/002805)</p> <p>[87] 2003-02-05 (WO2002/014222)</p> <p>[30] JP (2000-243007) 2000-08-10</p> <p>[30] JP (2000-243466) 2000-08-10</p>	<p style="text-align: right;">[21] <b>2,418,320</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>THE ANTI-NEOPLASTIC AGENT ET-743 INHIBITS TRANS ACTIVATION BY SXR</b></p> <p>[54] <b>AGENT ANTI NEOPLASIQUE ET-743 INHIBANT LA TRANS-ACTIVATION PAR SXR</b></p> <p>[72] FORMAN, BARRY M., US</p> <p>[72] DUSSAULT, ISABELLE, US</p> <p>[71] CITY OF HOPE, US</p> <p>[85] 2003-02-05</p> <p>[86] 2001-08-13 (PCT/US2001/025128)</p> <p>[87] 2002-02-21 (WO2002/014554)</p> <p>[30] US (60/224,356) 2000-08-11</p>	<p style="text-align: right;">[21] <b>2,418,334</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 5/00</b></p> <p>[25] EN</p> <p>[54] <b>DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER EXECUTION OF WRITE OPERATIONS</b></p> <p>[54] <b>DISPOSITIF DE COMMANDE DE DISQUE CONFIGURE POUR EFFECTUER L'EXECUTION HORS SERVICE D'OPERATIONS D'ECRITURE</b></p> <p>[72] KRANTZ, ARIE L., US</p> <p>[72] ELKINS, GREGORY T., US</p> <p>[72] NGUYEN, KHA, US</p> <p>[71] QLOGIC CORPORATION, US</p> <p>[85] 2003-02-04</p> <p>[86] 2001-07-17 (PCT/US2001/022404)</p> <p>[87] 2002-02-28 (WO2002/017305)</p> <p>[30] US (09/643,636) 2000-08-22</p>
<p style="text-align: right;">[21] <b>2,418,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 3/30 7C02F 3/00 7C02F 11/12</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR PURIFYING WASTE WATER, AND PURIFICATION PLANT FOR CARRYING OUT SAID METHOD</b></p> <p>[54] <b>PROCEDE DE PURIFICATION D'EAUX USEES, ET STATION D'EPURATION SERVANT A METTRE UN OEUVRE LE PROCEDE</b></p> <p>[72] LORENZ, GUNTER, DE</p> <p>[71] LORENZ, GUNTER, DE</p> <p>[85] 2003-02-05</p> <p>[86] 2001-08-14 (PCT/EP2001/009387)</p> <p>[87] 2003-02-05 (WO2002/014227)</p> <p>[30] DE (100 39 932.0) 2000-08-16</p> <p>[30] DE (101 22 190.8) 2001-05-08</p>	<p style="text-align: right;">[21] <b>2,418,329</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 69/00 7B01D 61/02</b></p> <p>[25] EN</p> <p>[54] <b>SEMI-PERMEABLE MEMBRANE, METHOD FOR PROVIDING ELECTRIC POWER AND A DEVICE</b></p> <p>[54] <b>MEMBRANE SEMI-PERMEABLE, PROCEDE DE PRODUCTION D'ENERGIE ET DISPOSITIF</b></p> <p>[72] HOLT, TORLEIF, NO</p> <p>[72] THORSEN, THOR, NO</p> <p>[71] STATKRAFT SF, NO</p> <p>[85] 2003-02-04</p> <p>[86] 2001-07-20 (PCT/NO2001/000314)</p> <p>[87] 2002-02-21 (WO2002/013955)</p> <p>[30] NO (20003977) 2000-08-04</p>	<p style="text-align: right;">[21] <b>2,418,337</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 31/00 7B65D 85/00</b></p> <p>[25] EN</p> <p>[54] <b>FOOD PACKAGING AND PREPARATION SYSTEM UTILIZED THEREWITH</b></p> <p>[54] <b>EMBALLAGE DE PRODUIT ALIMENTAIRE ET SYSTEME DE PREPARATION UTILISE AVEC LEDIT EMBALLAGE</b></p> <p>[72] HECZKO, JAMES, US</p> <p>[71] HECZKO, JAMES, US</p> <p>[85] 2003-02-13</p> <p>[86] 2001-08-13 (PCT/US2001/025220)</p> <p>[87] 2002-02-21 (WO2002/013666)</p> <p>[30] US (09/639,969) 2000-08-16</p>
<p style="text-align: right;">[21] <b>2,418,318</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12P 33/00 7C12P 7/66</b></p> <p>[25] EN</p> <p>[54] <b>A PRACTICAL, COST-EFFECTIVE SYNTHESIS OF COQ10</b></p> <p>[54] <b>SYNTHESE PRACTIQUE ET RENTABLE DE COQ10</b></p> <p>[72] LIPSHUTZ, BRUCE H., US</p> <p>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US</p> <p>[85] 2003-02-05</p> <p>[86] 2001-08-14 (PCT/US2001/025548)</p> <p>[87] 2002-02-21 (WO2002/014530)</p> <p>[30] US (09/639,223) 2000-08-15</p>	<p style="text-align: right;">[21] <b>2,418,331</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/38 7G02B 6/44</b></p> <p>[25] EN</p> <p>[54] <b>OPTICAL FIBER CONNECTOR SYSTEM</b></p> <p>[54] <b>SYSTEME DE CONNEXION DE FIBRES OPTIQUES</b></p> <p>[72] LODER, HARRY A., US</p> <p>[72] SMITH, DUANE T., US</p> <p>[71] 3M INNOVATIVE PROPERTIES COMPANY, US</p> <p>[85] 2003-02-04</p> <p>[86] 2001-02-08 (PCT/US2001/004054)</p> <p>[87] 2002-02-28 (WO2002/016989)</p> <p>[30] US (09/643,333) 2000-08-22</p>	<p style="text-align: right;">[21] <b>2,418,333</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 31/00 7B65D 85/00</b></p> <p>[25] EN</p> <p>[54] <b>FOOD PACKAGING AND PREPARATION SYSTEM UTILIZED THEREWITH</b></p> <p>[54] <b>EMBALLAGE DE PRODUIT ALIMENTAIRE ET SYSTEME DE PREPARATION UTILISE AVEC LEDIT EMBALLAGE</b></p> <p>[72] HECZKO, JAMES, US</p> <p>[71] HECZKO, JAMES, US</p> <p>[85] 2003-02-13</p> <p>[86] 2001-08-13 (PCT/US2001/025220)</p> <p>[87] 2002-02-21 (WO2002/013666)</p> <p>[30] US (09/639,969) 2000-08-16</p>

## PCT Applications Entering the National Phase

---

[21] **2,418,344**  
[13] A1  
[51] **Int.Cl. 7B66C 3/00 7B65H 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CHANGING THE ORIENTATION OF WORKPIECES ABOUT AN ANGLED AXIS FOR A DECORATOR**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE MODIFIER L'ORIENTATION DE PIECES A USINER AUTOUR D'UN AXE INCLINE DANS UNE MACHINE DE DECORATION**  
[72] STRUTZ, CARL J., US  
[72] TWEEDY, MARK R., US  
[72] ZWIGART, JOHN M., US  
[72] MCCOY, GARY W., US  
[71] CARL STRUTZ & CO., INC., US  
[85] 2003-02-13  
[86] 2001-07-23 (PCT/US2001/023147)  
[87] 2002-01-31 (WO2002/008110)  
[30] US (09/625,604) 2000-07-26

---

[21] **2,418,348**  
[13] A1  
[51] **Int.Cl. 7A23D 9/00 7A23D 9/013 7A21D 2/16 7A23K 1/16 7A61K 31/20 7A23L 1/30**  
[25] EN  
[54] **OIL/FAT COMPOSITION**  
[54] **COMPOSITION HUILE/MATIERE GRASSE**  
[72] KOIKE, SHIN, JP  
[72] MURASE, TAKATOSHI, JP  
[72] HASE, TADASHI, JP  
[72] YASUKAWA, TAKUJI, JP  
[72] YASUMASU, TAKESHI, JP  
[71] KAO CORPORATION, JP  
[85] 2003-02-05  
[86] 2001-08-07 (PCT/JP2001/006779)  
[87] 2002-02-14 (WO2002/011551)  
[30] JP (2000-239574) 2000-08-08

---

[21] **2,418,350**  
[13] A1  
[51] **Int.Cl. 7A23D 9/013 7A23D 9/00 7A21D 2/16 7A23K 1/16 7A61K 31/20 7A23L 1/30**  
[25] EN  
[54] **OIL/FAT COMPOSITION**  
[54] **COMPOSITION HUILE/MATIERE GRASSE**  
[72] MURASE, TAKATOSHI, JP  
[72] HASE, TADASHI, JP  
[72] YASUMASU, TAKESHI, JP  
[72] KOIKE, SHIN, JP  
[72] TAKEI, AKIRA, JP  
[72] KATSURAGI, YOSHIHISA, JP  
[72] YASUKAWA, TAKUJI, JP  
[71] KAO CORPORATION, JP  
[85] 2003-02-05  
[86] 2001-08-07 (PCT/JP2001/006777)  
[87] 2002-02-14 (WO2002/011552)  
[30] JP (2000-239573) 2000-08-08

---

[21] **2,418,380**  
[13] A1  
[51] **Int.Cl. 7A61B 17/04 7A61K 9/70**  
[25] EN  
[54] **SUTURES AND COATINGS MADE FROM THERAPEUTIC ABSORBABLE GLASS**  
[54] **SUTURES ET REVETEMENTS CONCUS A PARTIR DE VERRE THERAPEUTIQUE RESORBABLE**  
[72] HAIN, MATTHEW, US  
[71] TYCO HEALTHCARE GROUP LP, US  
[85] 2003-02-14  
[86] 2001-07-26 (PCT/US2001/023526)  
[87] 2002-02-21 (WO2002/013701)  
[30] US (60/225,906) 2000-08-17

---

[21] **2,418,386**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 48/00 7C12P 21/00 7A61K 38/17 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **MECHANISM OF CONDITIONAL REGULATION OF THE HYPOXIA-INDUCIBLE FACTOR-1 BY THE VON HIPPEL-LINDAU TUMOR SUPPRESSOR PROTEIN**  
[54] **MECANISME DE REGULATION CONDITIONNELLE DU FACTEUR-1 INDUCIBLE PAR L'HYPOXIE AU MOYEN DE LA PROTEINE SUPPRESSEUR DE TUMEUR DE VON HIPPEL-LINDAU**  
[72] RUAS, JORGE, SE  
[72] PEREIRA, TERESA, SE  
[72] POELLINGER, LORENZ, SE  
[71] ANGIOGENETICS SWEDEN AB, SE  
[85] 2003-02-05  
[86] 2001-08-07 (PCT/IB2001/001775)  
[87] 2002-02-14 (WO2002/012326)  
[30] US (60/223,480) 2000-08-07

---

[21] **2,418,389**  
[13] A1  
[51] **Int.Cl. 7C07D 213/75 7A61P 7/00 7A61P 9/00 7A61P 17/00 7A61P 25/00 7A61P 31/00 7C07D 401/12 7A61K 31/4418 7C07F 9/58**  
[25] EN  
[54] **PYRIDINE DERIVATIVES AS INHIBITORS OF P38**  
[54] **DERIVES DE PYRIDINE COMME INHIBITEURS DE P38**  
[72] BEMIS, GUY, US  
[72] COCHRAN, JOHN, US  
[72] GALULLO, VINCENT, US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 2003-02-04  
[86] 2001-08-10 (PCT/US2001/025015)  
[87] 2002-02-21 (WO2002/014281)  
[30] US (60/224,719) 2000-08-11

## Demandes PCT entrant en phase nationale

---

[21] **2,418,478**  
[13] A1  
[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING CONTAMINATION OF AN ELECTRICAL SIGNAL**  
[54] **PROCEDE ET APPAREIL DE REDUCTION DE LA CONTAMINATION D'UN SIGNAL ELECTRIQUE**  
[72] COHEN, MARK S., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2003-02-10  
[86] 2001-08-15 (PCT/US2001/025480)  
[87] 2002-02-21 (WO2002/013689)  
[30] US (60/225,389) 2000-08-15  
[30] US (60/267,337) 2001-02-07

---

[21] **2,418,496**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A01K 67/027 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/50 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **SECRETORY POLYPEPTIDES AND CORRESPONDING POLYNUCLEOTIDES**  
[54] **MOLECULES SECRETOIRES**  
[72] WRIGHT, RACHEL J., US  
[72] DAFFO, ABEL, US  
[72] PANZER, SCOTT R., US  
[72] BANVILLE, STEVEN C., US  
[72] SPIRO, PETER A., US  
[72] SHAH, PURVI, US  
[72] GREENAWALT, LILA B., US  
[72] DANIELS, SUSAN E., US  
[72] DAM, TAM C., US  
[72] HILLMAN, JENNIFER L., US  
[72] FONG, WILLY T., US  
[72] STOCKDREHER, THERESA K., US  
[72] RUSSO, FRANK D., US  
[72] DUFOUR, GERARD E., US  
[72] YAP, PIERRE E., US  
[72] CHEN, WENSHENG, US  
[72] BRADLEY, DIANA L., US  
[72] BRATCHER, SHAWN R., US  
[72] FLORES, VINCENT, US  
[72] DAHL, CHRISTOPHER R., US  
[72] AMSHEY, STEFAN, US  
[72] CHALUP, MICHAEL S., US  
[72] ROSEBERRY, ANN M., US  
[72] D'SA, STEVEN A., US  
[72] JONES, ANISSA L., US  
[72] LIU, TOMMY F., US  
[72] HODGSON, DAVID M., US  
[72] LINCOLN, STEPHEN E., US  
[72] ROSEN, BRUCE H., US  
[72] CHEN, ALICE, US  
[72] COHEN, HOWARD J., US  
[72] CHANG, SIMON C., US  
[72] YU, JIMMY Y., US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-02-04  
[86] 2001-02-01 (PCT/US2001/003465)  
[87] 2001-08-30 (WO2001/062918)  
[30] US (60/185,215) 2000-02-24  
[30] US (60/185,216) 2000-02-24  
[30] US (60/205,232) 2000-05-16  
[30] US (60/205,323) 2000-05-17  
[30] US (60/205,287) 2000-05-17  
[30] US (60/205,324) 2000-05-17  
[30] US (60/205,286) 2000-05-17

---

[21] **2,418,620**  
[13] A1  
[51] **Int.Cl. 7B65D 83/20**  
[25] EN  
[54] **SPRAY THROUGH CAP ASSEMBLY WITH ACTUATOR LOCKING MEANS**  
[54] **ENSEMBLE CAPUCHON PULVERISATEUR COMPRENANT UN MOYEN DE VERROUILLAGE D'ACTIONNEUR**  
[72] LAIDLER, KEITH PETER, GB  
[71] INCRO LIMITED, GB  
[85] 2003-02-11  
[86] 2001-08-21 (PCT/GB2001/003765)  
[87] 2002-02-28 (WO2002/016226)  
[30] GB (0020619.3) 2000-08-22

---

[21] **2,418,645**  
[13] A1  
[51] **Int.Cl. 7B23K 20/16 7F16L 13/00 7E21B 17/02 7F16L 15/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A COMBINED MECHANICAL AND METALLURGICAL CONNECTION**  
[54] **PROCEDE ET APPAREIL DESTINES A UN RACCORDEMENT METALLURGIQUE ET MECANIQUE COMBINEE**  
[72] DANIEL, DAVID L., US  
[71] DANIEL, DAVID L., US  
[85] 2003-02-10  
[86] 2001-08-23 (PCT/US2001/026422)  
[87] 2002-02-28 (WO2002/016069)  
[30] US (09/644,807) 2000-08-23

---

[21] **2,418,648**  
[13] A1  
[51] **Int.Cl. 7A61K 7/32**  
[25] EN  
[54] **ANTIPERSPIRANTS AND DEODORANTS WITH LOW WHITE RESIDUE ON SKIN AND FABRIC**  
[54] **ANTI-TRANSPIRANTS ET DESODORISANTS LAISSANT UN RESIDU BLANC REDUIT SUR LA PEAU ET SUR LES TISSUS**  
[72] FAN, AIXING, US  
[72] ESPOSITO, ANTHONY, US  
[72] CAI, HENG, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2003-02-11  
[86] 2001-08-30 (PCT/US2001/027146)  
[87] 2002-03-07 (WO2002/017871)  
[30] US (60/229,444) 2000-08-31  
[30] US (09/922,091) 2001-08-03



## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,418,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B24C 1/00 7B24C 3/12</b> [25] EN [54] <b>FINISHING OF METAL SURFACES AND RELATED APPLICATIONS</b> [54] <b>FINITION DE SURFACES METALLIQUES ET APPLICATIONS ASSOCIEES</b> [72] GIRALAMO, MARIO, AU [71] MEGARA (AUSTRALIA) PTY. LTD., AU [85] 2003-02-10 [86] 2001-08-10 (PCT/AU2001/000985) [87] 2002-02-21 (WO2002/014016) [30] AU (PQ 9308) 2000-08-10</p>	<p style="text-align: center;">[21] <b>2,418,746</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/85 7A01H 5/00 7C12N 5/10 7C12N 15/67 7C12N 15/82</b> [25] EN [54] <b>GENE EXPRESSION FROM THE INTERNAL RIBOSOME ENTRY SITE (IRES) OF RHOPALOSIPHUM PADI VIRUS (RHPV)</b> [54] <b>EXPRESSION GENIQUE DE LA SEQUENCE IRES DU VIRUS RHOPALOSIPHUM PADI</b> [72] BELSHAM, GRAHAM JOHN, GB [72] ROBERTS, LISA ORIEL, GB [71] PLANT BIOSCIENCE LIMITED, GB [85] 2003-02-05 [86] 2001-08-10 (PCT/GB2001/003609) [87] 2002-02-14 (WO2002/012522) [30] GB (0019745.9) 2000-08-10</p>	<p style="text-align: center;">[21] <b>2,418,779</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7A01K 67/027 7C07K 16/18 7C07K 14/47 7G01N 33/53 7G01N 33/68 7C12Q 1/68</b> [25] EN [54] <b>SCHIZOPHRENIA RELATED GENE AND PROTEIN</b> [54] <b>GENE ET PROTEINE RELATIFS A LA SCHIZOPHRENIE</b> [72] BIHAIN, BERNARD, US [72] BOUGUELERET, LYDIE, FR [72] BOUR, BARBARA, US [71] GENSET, FR [85] 2003-02-05 [86] 2001-07-26 (PCT/IB2001/001891) [87] 2002-02-14 (WO2002/012279) [30] US (60/223,482) 2000-08-07</p>
<p style="text-align: center;">[21] <b>2,418,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C21C 7/064 7C21C 1/02 7C22B 9/10</b> [25] EN [54] <b>DESULPHURIZATION REAGENT CONTROL METHOD AND SYSTEM</b> [54] <b>SYSTEME ET PROCEDE DE REGULATION DE REACTIF DE DESULFURATION</b> [72] VACULIK, VIT, CA [72] DUDZIC, MICHAEL S., CA [72] QUINN, SHANNON L., CA [71] DOFASCO INC., CA [85] 2003-02-11 [86] 2001-08-10 (PCT/CA2001/001150) [87] 2002-02-21 (WO2002/014562) [30] US (60/224,344) 2000-08-11</p>	<p style="text-align: center;">[21] <b>2,418,749</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 37/00 7C07D 309/12 7C07C 39/24</b> [25] EN [54] <b>DERIVATIVES OF 4-(TRIFLUOROMETHYL)-PHENOL AND 4-(TRIFLUOROMETHYLPHENYL)-2-(TETRAHYDROPYRANYL) ETHER AND METHOD FOR PRODUCING THE SAME</b> [54] <b>DERIVES DU 4-(TRIFLUOROMETHYL)-PHENOL AINSI QUE DE L'ETHER DE 4-(TRIFLUOROMETHYLPHENYL)-2-(TETRAHYDROPYRANYL) ET LEUR PROCEDE DE PRODUCTION</b> [72] SCHAFER, BERND, DE [72] GENESTE, HERVE, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2003-02-10 [86] 2001-08-09 (PCT/EP2001/009222) [87] 2003-02-10 (WO2002/014250) [30] DE (100 40 051.5) 2000-08-11</p>	<p style="text-align: center;">[21] <b>2,418,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/09 7A61K 48/00 7A61P 19/00 7A61P 35/00 7A61P 3/02 7C07K 7/08 7A61P 19/08 7C12P 21/08 7A61P 19/10 7A61P 13/12 7A61P 3/14 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 14/47</b> [25] EN [54] <b>POLYPEPTIDES CONTROLLING PHOSPHORIC ACID METABOLISM, CALCIUM METABOLISM, CALCIFICATION AND VITAMIN D METABOLISM AND DNAS ENCODING THE SAME</b> [54] <b>POLYPEPTIDES DE REGULATION DU METABOLISME DE L'ACIDE PHOSPHORIQUE, DU METABOLISME DU CALCIUM, DU METABOLISME DE LA CALCIFICATION ET DE LA VITAMINE D ET DES ADN CODANT POUR DE TELS POLYPEPTIDES</b> [72] YAMASHITA, TAKEYOSHI, JP [72] SHIMADA, TAKASHI, JP [72] FUKUMOTO, SEIJI, JP [72] MIZUTANI, SATORU, JP [71] KIRIN BEER KABUSHIKI KAISHA, JP [85] 2003-02-10 [86] 2001-08-10 (PCT/JP2001/006944) [87] 2003-02-10 (WO2002/014504) [30] JP (2000-245144) 2000-08-11 [30] JP (2000-287684) 2000-09-21 [30] JP (2000-391077) 2000-12-22 [30] JP (2001-121527) 2001-04-19</p>
<p style="text-align: center;">[21] <b>2,418,735</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 49/04</b> [25] EN [54] <b>MASS SPECTROMETRY</b> [54] <b>SPECTROMETRIE DE MASSE</b> [72] SHCHEPINOV, MIKHAIL SERGEEVICH, US [71] ISIS INNOVATION LIMITED, GB [85] 2003-02-14 [86] 2001-08-09 (PCT/GB2001/003604) [87] 2002-02-21 (WO2002/014856) [30] GB (0019994.3) 2000-08-14 [30] US (60/248,027) 2000-11-13</p>	<p style="text-align: center;">[21] <b>2,418,755</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B64C 25/36 7B60B 3/08</b> [25] EN [54] <b>WHEEL HUB ASSEMBLIES</b> [54] <b>ASSEMBLAGES DE MOYEU DE ROUE</b> [72] FANNON, PAUL ANTHONY, GB [72] CHUNG, THIAM ENG, GB [71] DUNLOP AEROSPACE LIMITED, GB [85] 2003-02-10 [86] 2001-08-07 (PCT/GB2001/003565) [87] 2002-02-21 (WO2002/014147) [30] GB (0019845.7) 2000-08-11 [30] GB (0111846.2) 2001-05-15</p>	

## Demandes PCT entrant en phase nationale

---

[21] **2,418,804**  
[13] A1  
[51] **Int.Cl. 7E21B 33/076 7E21B 23/00 7E21B 19/22**  
[25] EN  
[54] **SUBSEA INTERVENTION SYSTEM**  
[54] **SYSTEME D'INTERVENTION SOUS-MARIN**  
[72] MOSS, JEFF H., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2003-02-10  
[86] 2001-07-26 (PCT/US2001/023518)  
[87] 2002-02-21 (WO2002/014651)  
[30] US (60/224,720) 2000-08-11  
[30] US (09/813,611) 2001-03-21

---

[21] **2,418,808**  
[13] A1  
[51] **Int.Cl. 7C12N 15/09 7C07K 7/06 7C07K 7/08 7C12P 21/08 7C07K 16/14 7G01N 33/53**  
[25] EN  
[54] **HUMAN-TYPE ANTI-BLOOD COAGULATION FACTOR VIII ANTIBODY**  
[54] **ANTICORPS CONTRE LE FACTEUR VIII DE COAGULATION SANGUINE DE TYPE HUMAIN**  
[72] NAKASHIMA, TOSHIHIRO, JP  
[72] YUGUCHI, MASATO, JP  
[71] JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, JP  
[85] 2003-02-10  
[86] 2002-06-11 (PCT/JP2002/005783)  
[87] 2002-12-19 (WO2002/101040)  
[30] JP (2001-177640) 2001-06-12

---

[21] **2,418,810**  
[13] A1  
[51] **Int.Cl. 7G06T 7/20 7G06T 1/00 7G06T 3/00 7H04N 5/208 7H04N 5/232 7H04N 5/262**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD AND IMAGE PICKUP APPARATUS**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES ET DISPOSITIF DE PRISES DE VUE**  
[72] NAGANO, TAKAHIRO, JP  
[72] FUJIWARA, NAOKI, JP  
[72] ISHIBASHI, JUNICHI, JP  
[72] SAWAO, TAKASHI, JP  
[72] KONDO, TETSUJIRO, JP  
[72] WADA, SEIJI, JP  
[72] MIYAKE, TORU, JP  
[71] SONY CORPORATION, JP  
[85] 2003-02-11  
[86] 2002-06-13 (PCT/JP2002/005875)  
[87] 2002-12-27 (WO2002/103635)  
[30] JP (2001-181395) 2001-06-15  
[30] JP (2001-181397) 2001-06-15  
[30] JP (2001-181398) 2001-06-15  
[30] JP (2001-181399) 2001-06-15

---

[21] **2,418,811**  
[13] A1  
[51] **Int.Cl. 7B60B 7/04**  
[25] EN  
[54] **WHEEL SPINNER ASSEMBLY INDEPENDENTLY ROTATABLE RELATIVE TO A CORRESPONDING WHEEL**  
[54] **ENSEMBLE ENJOLIVEUR DE ROUE ROTATIF POUVANT TOURNER INDEPENDAMMENT DE LA ROUE SUR LAQUELLE IL EST MONTE**  
[72] FOWLKES, DAVID, US  
[71] THE PHEGOS GROUP, LLC, US  
[85] 2003-02-10  
[86] 2001-08-08 (PCT/US2001/024797)  
[87] 2002-02-21 (WO2002/014084)  
[30] US (60/224,501) 2000-08-11  
[30] US (09/923,918) 2001-08-07

---

[21] **2,418,813**  
[13] A1  
[51] **Int.Cl. 7C01B 11/02**  
[25] EN  
[54] **CHLORINE DIOXIDE GENERATOR**  
[54] **GENERATEUR DE DIOXYDE DE CHLORURE**  
[72] KIELMAN, GARY W., US  
[72] GRIFFIN, WILLIAM R., US  
[72] MITCHIM, DORMAN N., US  
[72] MASON, JOHN Y., US  
[71] SABRE OXIDATION TECHNOLOGIES, INC., US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025151)  
[87] 2002-02-21 (WO2002/014216)  
[30] US (09/637,798) 2000-08-11

---

[21] **2,418,837**  
[13] A1  
[51] **Int.Cl. 7A61F 2/26**  
[25] EN  
[54] **PENILE PROSTHESIS AND METHOD OF IMPLANTATION**  
[54] **PROTHESE PENIENNE ET PROCEDE D'IMPLANTATION ASSOCIE**  
[72] PERLIN, LEONID, IL  
[72] YACHIA, DANIEL, IL  
[72] FRIEDMAN, MARK, IL  
[71] IMPETUS LTD., IL  
[71] FRIEDMAN, MARK, IL  
[71] GUREVICH, VLADIMIR, IL  
[85] 2003-02-14  
[86] 2002-06-14 (PCT/US2002/018902)  
[87] 2002-12-27 (WO2002/102230)  
[30] US (09/882,194) 2001-06-15

---

[21] **2,418,846**  
[13] A1  
[51] **Int.Cl. 7A61J 19/00**  
[25] EN  
[54] **PORTABLE SPITTOON**  
[54] **CRACHOIR PORTABLE**  
[72] NGUYEN, NHAM S., US  
[71] NGUYEN, NHAM S., US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025230)  
[87] 2002-02-21 (WO2002/013757)  
[30] US (60/224,474) 2000-08-10

## PCT Applications Entering the National Phase

---

[21] **2,418,848**  
[13] A1  
[51] **Int.Cl. 7C07K 14/705 7C12N 5/10 7C07K 16/28 7G01N 33/50 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **CNG2B: A PUTATIVE HUMAN CYCLIC NUCLEOTIDE-GATED ION CHANNEL**  
[54] **CNG2B: NOUVEAU CANAL IONIQUE HUMAIN DEPENDANT DE NUCLEOTIDES CYCLIQUES**  
[72] CREECH, CHRISTOPHER D., US  
[72] JEGLA, TIMOTHY JAMES, US  
[71] ICAGEN INCORPORATED, US  
[85] 2003-02-10  
[86] 2001-08-13 (PCT/US2001/025392)  
[87] 2002-02-21 (WO2002/014467)  
[30] US (60/226,253) 2000-08-17  
[30] US (09/927,267) 2001-08-10

---

[21] **2,418,851**  
[13] A1  
[51] **Int.Cl. 7F21L 4/00 7F21K 7/00 7F21V 13/04**  
[25] EN  
[54] **LED FLASHLIGHT**  
[54] **LAMPE DE POCHE A DIODE ELECTROLUMINESCENTE**  
[72] CHAN KA MING, EMIL, CN  
[72] HON SIU CHEONG, ELLIS, CN  
[71] THE BRINKMANN CORP., US  
[85] 2003-02-10  
[86] 2001-06-18 (PCT/US2001/041035)  
[87] 2002-02-21 (WO2002/014738)  
[30] US (09/637,344) 2000-08-11

---

[21] **2,418,853**  
[13] A1  
[51] **Int.Cl. 7C07D 401/06 7C07D 401/14 7A61P 25/22**  
[25] EN  
[54] **2,4-SUBSTITUTED PYRIDINE DERIVATIVES**  
[54] **DERIVES PYRIDINE 2,4-SUBSTITUES**  
[72] CAI, GUOLIN, US  
[72] ALBAUGH, PAMELA, US  
[72] YUAN, JUN, US  
[72] CURRIE, KEVIN S., US  
[72] HUTCHISON, ALAN, US  
[71] NEUROGEN CORPORATION, US  
[85] 2003-02-10  
[86] 2001-08-16 (PCT/US2001/041757)  
[87] 2002-02-21 (WO2002/014269)  
[30] US (60/225,552) 2000-08-16

---

[21] **2,418,855**  
[13] A1  
[51] **Int.Cl. 7H04L 27/30 7G01S 5/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FAST CODE PHASE AND CARRIER FREQUENCY ACQUISITION IN GPS RECEIVER**  
[54] **SYSTEME ET PROCEDE D'ACQUISITION RAPIDE DE PHASE CODE ET DE FREQUENCE PORTEUSE DANS UN RECEPTEUR GPS**  
[72] SULLIVAN, MARK C., US  
[71] SKYBITZ, INC., US  
[85] 2003-02-10  
[86] 2001-08-09 (PCT/US2001/024824)  
[87] 2002-02-14 (WO2002/013476)  
[30] US (60/223,973) 2000-08-09

---

[21] **2,418,859**  
[13] A1  
[51] **Int.Cl. 7G01F 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS RELATING TO DATA TRANSPORT**  
[54] **PROCEDE ET APPAREIL CONCERNANT L'ACHEMINEMENT DE DONNEES**  
[72] MUDUNURI, GAUTAM H., US  
[72] CHUNG, DWAYNE, US  
[72] YOUNAS, FAYYAZ, US  
[72] TANG, RENJIE, US  
[72] LIM, LILLIAM S., US  
[72] CARLIN, STEVE, US  
[72] MADAPURA, SUBRAMANYA, US  
[71] INFORMATICA CORPORATION, US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025236)  
[87] 2002-02-14 (WO2002/012839)  
[30] US (09/637,335) 2000-08-10

---

[21] **2,418,861**  
[13] A1  
[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **METHOD AND DEVICE FOR CHARACTERISING AND/OR FOR DETECTING A BONDING COMPLEX**  
[54] **PROCEDE ET DISPOSITIF DE CARACTERISATION ET/OU D'IDENTIFICATION D'UN COMPLEXE DE LIAISON**  
[72] GAUB, HERMANN, DE  
[72] ALBRECHT, CHRISTIAN, DE  
[72] OESTERHELT, FILIPP, DE  
[71] NANOTYPE GMBH, DE  
[85] 2003-02-07  
[86] 2001-08-09 (PCT/EP2001/009206)  
[87] 2002-02-21 (WO2002/014862)  
[30] DE (100 39 393.4) 2000-08-11  
[30] DE (100 51 143.0) 2000-10-16  
[30] DE (101 17 866.2) 2001-04-10

---

[21] **2,418,862**  
[13] A1  
[51] **Int.Cl. 7C02F 1/68 7A61K 7/00**  
[25] EN  
[54] **ANTIOXIDANTS IN CLUSTERS OF STRUCTURED WATER**  
[54] **ANTIOXYDANTS EN AGREGATS D'EAU STRUCTUREE**  
[72] CIOCA, GHEORGHE, US  
[72] IONITA-MANZATU, MIRELA, US  
[72] IONITA-MANZATU, VASILE, US  
[72] BEVACQUA, ANDREW J., US  
[71] COLOR ACCESS, INC., US  
[85] 2003-02-11  
[86] 2001-08-01 (PCT/US2001/024546)  
[87] 2002-02-14 (WO2002/012131)  
[30] US (09/632,059) 2000-08-03

---

[21] **2,418,900**  
[13] A1  
[51] **Int.Cl. 7B01D 46/42 7B01D 27/08 7B01D 29/11 7B01D 46/24**  
[25] EN  
[54] **KEYED SYSTEM FOR CONNECTION OF FILTER CARTRIDGE TO FILTER HOLDER**  
[54] **SYSTEME CRANTE DE CONNEXION DE CARTOUCHE FILTRANTE A UN SUPPORT DE FILTRE**  
[72] REID, ROGER P., US  
[71] REID, ROGER P., US  
[85] 2003-02-11  
[86] 2001-08-11 (PCT/US2001/025307)  
[87] 2002-02-21 (WO2002/013944)  
[30] US (60/224,632) 2000-08-11  
[30] US (60/272,221) 2001-02-27

## Demandes PCT entrant en phase nationale

---

[21] **2,418,941**  
[13] A1

[51] **Int.Cl. 7A61B 17/34**  
[25] EN  
[54] **DEVICE FOR THE INTRODUCTION OF MEDICAL ITEMS**  
[54] **DISPOSITIF D'INTRODUCTION D'ELEMENTS MEDICAUX**  
[72] PAVLOV, PAUL, NL  
[72] PETER, THOMAS, CH  
[72] HESS, MARTIN, CH  
[72] BUCCI, CLAUDIO, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2003-02-10  
[86] 2001-04-26 (PCT/CH2001/000262)  
[87] 2003-02-10 (WO2002/011629)  
[30] CH (1566/00) 2000-08-10

---

[21] **2,418,944**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/02**  
[25] EN  
[54] **FUEL CELL STACK WITH INTERNAL GAS CONNECTIONS**  
[54] **EMPILEMENT DE CELLULES ELECTROCHIMIQUES A RACCORDEMENTS DE GAZ INTERNES**  
[72] RINGEL, HELMUT DR., DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[85] 2003-02-10  
[86] 2001-07-19 (PCT/EP2001/008438)  
[87] 2003-02-10 (WO2002/013299)  
[30] DE (100 39 024.2) 2000-08-10

---

[21] **2,418,945**  
[13] A1

[51] **Int.Cl. 7C07D 413/14 7A01N 43/76 7A01N 43/82**  
[25] EN  
[54] **HETEROCYCLYLALKYLAZOLE DERIVATIVES AND THEIR USE AS PESTICIDES**  
[54] **DERIVES HETEROCYCLYLALKYLAZOLES ET LEUR UTILISATION COMME PESTICIDES**  
[72] SANFT, ULRICH, DE  
[72] HEMPEL, WALTRAUD, DE  
[72] THONESSEN, MARIA-THERESIA, DE  
[72] JANS, DANIELA, DE  
[72] DOLLER, UWE, DE  
[72] SCHAPER, WOLFGANG, DE  
[72] HARMSSEN, SVEN, DE  
[72] BASTIAANS, HENRICUS MARIA MARTINUS, DE  
[71] BAYER CROPSCIENCE GMBH, DE  
[85] 2003-02-10  
[86] 2001-08-01 (PCT/EP2001/008876)  
[87] 2003-02-10 (WO2002/012229)  
[30] DE (100 39 477.9) 2000-08-08

---

[21] **2,418,969**  
[13] A1

[51] **Int.Cl. 7B60R 21/26**  
[25] EN  
[54] **GAS GENERATOR AND RESTRAINT SYSTEM FOR A VEHICLE**  
[54] **GENERATEUR DE GAZ ET SYSTEME DE RETENUE POUR AUTOMOBILES**  
[72] FLAMM, FRIEDER, DE  
[71] FLAMM, FRIEDER, DE  
[85] 2003-02-11  
[86] 2001-07-19 (PCT/EP2001/008346)  
[87] 2002-02-21 (WO2002/014118)  
[30] DE (100 40 000.0) 2000-08-11  
[30] DE (100 56 228.0) 2000-11-13

---

[21] **2,418,970**  
[13] A1

[51] **Int.Cl. 7C07F 9/6558 7C07D 501/00 7C07D 207/26**  
[25] EN  
[54] **PREPARATION OF N-PROTECTED-3-PYRROLIDINE-LACTAM SUBSTITUTED PHOSPHONIUM SALTS**  
[54] **PREPARATION DE SELS DE PHOSPHONIUM SUBSTITUES PAR 3-PYRROLIDINE-LACTAME N-PROTEGE**  
[72] ROGERS-EVANS, MARK, CH  
[71] BASILEA PHARMACEUTICA AG, CH  
[85] 2003-02-11  
[86] 2001-08-06 (PCT/EP2001/009059)  
[87] 2002-02-21 (WO2002/014332)  
[30] EP (00117525.6) 2000-08-14

---

[21] **2,418,972**  
[13] A1

[51] **Int.Cl. 7C07D 285/34 7A01N 43/88**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF A PARTICLE-CONTAINING PREPARATION OF TETRAHYDRO-3,5-DIMETHYL-1,3,5-THIADIAZIN-2-THIONE**  
[54] **PROCEDE DE PRODUCTION D'UNE PREPARATION SOUS FORME DE PARTICULES DE TETRAHYDRO-3,5-DIMETHYL-1,3,5-THIADIAZIAN-2-THION**  
[72] FRANKE, DIRK, DE  
[72] BURKART, KIRSTEN, DE  
[72] DROGEMULLER, MICHAEL, DE  
[72] MUNZINGER, MANFRED, DE  
[72] SCHUTZ, FRANZ, DE  
[72] THERRE, JORG, DE  
[72] WECK, ALEXANDER, DE  
[72] ISAK, HEINZ, DE  
[72] SENDHOFF, NORBERT, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2003-02-11  
[86] 2001-08-16 (PCT/EP2001/009471)  
[87] 2003-02-11 (WO2002/014296)  
[30] DE (100 40 194.5) 2000-08-17

---

## PCT Applications Entering the National Phase

[21] **2,418,974**  
[13] A1

[51] **Int.Cl. 7A61B 5/05 7A61M 1/16**  
[25] EN  
[54] **DEVICE AND METHOD FOR SEGMENTAL BIOIMPEDANCE MEASUREMENTS OF A DIALYSIS PATIENT**  
[54] **DISPOSITIF ET PROCEDE POUR REALISER DES MESURES PAR BIOIMPEDANCE SEGMENTAIRE SUR UN PATIENT DIALYSE**  
[72] ZHU, FANSAN, US  
[72] LEVIN, NATHAN, US  
[71] RENAL RESEARCH INSTITUTE, LLC, US  
[85] 2003-02-11  
[86] 2001-08-13 (PCT/US2001/025309)  
[87] 2002-02-21 (WO2002/013691)  
[30] US (09/638,657) 2000-08-14

[21] **2,418,982**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **CHELERYTHRINE-BASED THERAPIES FOR CANCER**  
[54] **THERAPIES A BASE DE CHELERYTHRINE DESTINEES AU CANCER**  
[72] WEICHELBAUM, RALPH R., US  
[72] KUFEL, DONALD W., US  
[72] DOLAN, MARY E., US  
[72] CHMURA, STEVEN J., US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[71] DANA-FARBER CANCER INSTITUTE, US  
[85] 2003-02-10  
[86] 2001-08-08 (PCT/US2001/025021)  
[87] 2002-02-21 (WO2002/013803)  
[30] US (09/637,816) 2000-08-11

[21] **2,418,987**  
[13] A1

[51] **Int.Cl. 7B65H 33/02 7B65H 33/18 7B65H 45/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR SEPARATING PACKS OF LAMINAR PRODUCTS FROM ONE ANOTHER**  
[54] **DISPOSITIF ET PROCEDE POUR SEPARER DES PAQUETS DE PRODUITS LAMINAIRES LES UNS DES AUTRES**  
[72] BENVENUTI, ANGELO, IT  
[72] BETTI, GIULIO, IT  
[72] MORELLI, ALESSANDRIO, IT  
[71] FABIO PERINI S.P.A., IT  
[85] 2003-02-11  
[86] 2001-08-07 (PCT/IT2001/000439)  
[87] 2002-02-21 (WO2002/014196)  
[30] IT (FI2000A000182) 2000-08-14

[21] **2,418,988**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **TREATMENT OF TUMORS WITH ACETYLENES DISTRIBUTED WITH A PHENYL OR HETEROAROMATIC GROUP AND A SUBSTITUTED CHROMANYL, THIOCHROMANYL OR TETRAHYDROQUINOLINYL GROUP IN COMBINATION WITH OTHER ANTI-TUMOR AGENTS**  
[54] **TRAITEMENT DE TUMEURS A L'AIDE D'ACETYLENES DISUBSTITUES PAR UN GROUPE PHENYLE OU HETEROAROMATIQUE ET UN GROUPE CHROMANYLE, THIOCHROMANYLE OU TETRAHYDROQUINOLINYLE EN COMBINAISON AVEC D'AUTRES AGENTS ANTITUMORAUX**  
[72] CHANDRARATNA, ROSHANTHA A., US  
[72] BEARD, RICHARD L., US  
[72] NEHME, ALISSAR, US  
[71] ALLERGAN, INC., US  
[85] 2003-02-14  
[86] 2001-08-15 (PCT/US2001/025636)  
[87] 2002-02-21 (WO2002/013808)  
[30] US (09/640,852) 2000-08-17

[21] **2,419,008**  
[13] A1

[51] **Int.Cl. 7C07C 233/54 7A61P 1/00 7A61P 9/00 7A61P 17/00 7A61P 25/00 7A61P 29/00 7A61P 35/00 7A61P 43/00 7A61P 19/02 7A61P 35/02 7C07D 277/04 7A61P 11/06 7A61P 37/06 7C07D 205/08 7A61P 37/08 7A61P 3/10 7A61P 9/10 7A61P 13/12 7C07D 211/16 7A61P 1/16 7A61P 27/16 7A61K 31/196 7C07D 295/205 7C07D 333/22 7C07D 333/24 7A61K 31/275 7C07D 333/28 7C07D 207/325 7C07D 233/34 7A61K 31/34 7A61K 31/343 7A61K 31/381 7A61K 31/397 7C07D 333/40 7A61K 31/40 7A61K 31/4166 7A61K 31/426 7A61K 31/428 7C07C 271/44 7A61K 31/44 7A61K 31/445 7A61K 31/495 7A61K 31/5375 7C07C 255/60 7C07D 277/60 7C07D 333/60 7C07D 307/68 7C07D 333/70 7C07D 307/79 7C07C 233/81 7C07D 213/81**  
[25] EN  
[54] **2,3-DIPHENYLPROPIONIC ACID DERIVATIVES OR THEIR SALTS, MEDICINES OR CELL ADHESION INHIBITORS CONTAINING THE SAME, AND THEIR USAGE**  
[54] **DERIVES DE L'ACIDE 2,3-DIPHENYLPROPIONIQUE OU LEURS SELS, MEDICAMENTS OU INHIBITEURS D'ADHESION CELLULAIRE EN CONTENANT, ET LEUR UTILISATION**  
[72] OKUYAMA, AKIHIKO, JP  
[72] HARADA, TATSUHIRO, JP  
[72] MATSUO, ATSUSHI, JP  
[72] IKEGAMI, SATORU, JP  
[72] HOSHINA, YOICHIRO, JP  
[71] KAKEN PHARMACEUTICAL CO., LTD., JP  
[85] 2003-02-11  
[86] 2001-08-10 (PCT/JP2001/006934)  
[87] 2003-02-11 (WO2002/014262)  
[30] JP (2000-244226) 2000-08-11  
[30] JP (2001-115840) 2001-04-13

## Demandes PCT entrant en phase nationale

---

[21] **2,419,012**  
[13] A1

[51] **Int.Cl. 7E05B 13/00 7E05B 15/00**  
[25] EN  
[54] **SAFETY DEVICE, FOR EXAMPLE A CHILD SAFETY LOCK AND A LOCKING DEVICE COMPRISING A SAFETY DEVICE OF THIS TYPE**  
[54] **DISPOSITIF DE SECURITE, PAR EXEMPLE DISPOSITIF DE SECURITE POUR ENFANTS, ET DISPOSITIF DE VERROUILLAGE COMPORTANT CE DISPOSITIF DE SECURITE**  
[72] SCHREINER, CLAUDIA, DE  
[71] SCHREINER, CLAUDIA, DE  
[85] 2003-02-11  
[86] 2001-08-04 (PCT/DE2001/002988)  
[87] 2003-02-11 (WO2002/014634)  
[80] DE (100 39 251.2) 2000-08-11  
[30] DE (100 49 715.2) 2000-10-07  
[30] DE (100 65 500.9) 2000-12-28  
[30] DE (101 00 874.0) 2001-01-11

---

[21] **2,419,014**  
[13] A1

[51] **Int.Cl. 7B01F 3/04**  
[25] EN  
[54] **EVAPORATIVE HUMIDIFIER**  
[54] **HUMIDIFICATEUR PAR EVAPORATION**  
[72] CRUZ, ANTHONY V., US  
[72] SMITH, MICHAEL E., US  
[72] MULVANEY, PATRICK T., US  
[71] HAMILTON BEACH/PROCTOR-SILEX, INC., US  
[85] 2003-02-11  
[86] 2001-07-13 (PCT/US2001/022066)  
[87] 2002-02-21 (WO2002/013957)  
[30] US (09/637,484) 2000-08-11

---

[21] **2,419,017**  
[13] A1

[51] **Int.Cl. 7B41J 29/38**  
[25] EN  
[54] **INK JET PRINTING**  
[54] **IMPRESSION PAR JET D'ENCRE**  
[72] TORREY, MARC A., NL  
[72] HOISINGTON, PAUL A., US  
[71] SPECTRA, INC., US  
[85] 2003-02-11  
[86] 2001-08-10 (PCT/US2001/025136)  
[87] 2002-02-21 (WO2002/014076)  
[30] US (09/637,799) 2000-08-11

---

[21] **2,419,019**  
[13] A1

[51] **Int.Cl. 7C07K 7/22 7G01N 33/00 7C12Q 1/00 7C07K 1/107 7G01N 27/327**  
[25] EN  
[54] **PSEUDO-METALLOPROTEINS, CORRESPONDING PREPARATION AND USE AS BIOSENSORS**  
[54] **PSEUDO-METALLOPROTEINES, LEUR PREPARATION ET LEUR UTILISATION**  
[72] PAVONE, VINCENZO, IT  
[72] LOMBARDI, ANGELINA, IT  
[71] UNIVERSITA' DEGLI STUDI DI NAPOLI "FEDERICO II", IT  
[85] 2003-02-10  
[86] 2001-08-09 (PCT/IB2001/001427)  
[87] 2002-02-14 (WO2002/012278)  
[30] IT (RM2000A000454) 2000-08-10

---

[21] **2,419,020**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/02 7C12N 5/10 7C12N 15/53 7G01N 33/53**  
[25] EN  
[54] **PYRUVATE:NADP+ OXIDOREDUCTASE AND USES THEREOF**  
[54] **PYRUVATE:NADP+OXYDOREDUCTASE ET LEURS UTILISATIONS**  
[72] MARTIN, WILLIAM, DE  
[72] ROTTE, CARMEN, DE  
[72] LERCHL, JENS, SE  
[72] CIRPUS, PETRA, DE  
[71] BASF PLANT SCIENCE GMBH, DE  
[85] 2003-02-11  
[86] 2001-08-11 (PCT/EP2001/009317)  
[87] 2002-02-21 (WO2002/014522)  
[30] EP (00117730.2) 2000-08-17

---

[21] **2,419,026**  
[13] A1

[51] **Int.Cl. 7A23L 1/30 7A23L 1/302 7A23L 1/305**  
[25] EN  
[54] **NUTRITIONAL COMPOSITION AND METHOD FOR IMPROVING PROTEIN DEPOSITION**  
[54] **COMPOSITION ET PROCEDE NUTRITIONNELS PERMETTANT D'AMELIORER LE DEPOT PROTEIQUE**  
[72] BALLEVRE, OLIVIER, CH  
[72] TURINI, MARCO, CH  
[72] MALLANGI, CHANDRASEKHARA R., US  
[72] ANANTHARAMAN, HELEN GILLIAN, US  
[72] BEAUFRERE, BERNARD, FR  
[72] REIFFERS-MAGNANI, KRISTEL, NL  
[72] DANGIN, MARTIAL, FR  
[72] FUCHS, EILEEN C., US  
[72] GARCIA-RODENAS, CLARA L., CH  
[72] GUIGOZ, YVES, CH  
[72] LEATHWOOD, PETER, CH  
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-02-11  
[86] 2001-08-20 (PCT/EP2001/009579)  
[87] 2002-02-28 (WO2002/015720)  
[30] US (60/227,117) 2000-08-22

---

[21] **2,419,031**  
[13] A1

[51] **Int.Cl. 7B41F 23/00 7B41F 23/02 7B41L 23/02 7B41F 5/24**  
[25] EN  
[54] **MEANS FOR ENHANCING PRINT COLOR DENSITY**  
[54] **MOYEN D'ACCROISSEMENT DE LA DENSITE DE COULEURS D'UNE IMPRESSION**  
[72] NISSING, NICHOLAS JAMES, US  
[72] ELAM, MARY ELIZABETH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-11  
[86] 2001-08-14 (PCT/US2001/025390)  
[87] 2002-02-21 (WO2002/014079)  
[30] US (09/638,237) 2000-08-14

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,419,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00 7A61P 3/04 7A61P 7/04 7A61K 45/06 7A61P 3/06 7A61P 3/08 7A61P 3/10 7A61P 9/10 7A61P 9/12 7A61K 38/28 7A61K 31/495 7A61K 31/4985 7A61K 31/505 7A61K 31/53 7A61K 31/535 7A61K 31/5355</b></p> <p>[25] EN [54] <b>TREATMENT OF THE INSULIN RESISTANCE SYNDROME WITH SELECTIVE CGMP PDE5 INHIBITORS</b> [54] <b>TRAITEMENT DU SYNDROME DE LA RESISTANCE A L'INSULINE</b> [72] GIBBS, EARL MICHAEL, US [72] KOPPIKER, NANDAN PARMANAND, GB [72] FRYBURG, DAVID ALBERT, US [71] PFIZER INC., US [85] 2003-02-10 [86] 2001-08-06 (PCT/IB2001/001428) [87] 2002-02-21 (WO2002/013798) [30] US (60/224,928) 2000-08-11 [30] GB (0030649.8) 2000-12-15 [30] US (60/266,083) 2001-02-02 [30] GB (0106465.8) 2001-03-15 [30] GB (0106468.2) 2001-03-15 [30] GB (0117134.7) 2001-07-13</p>	<p style="text-align: center;">[21] <b>2,419,041</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 51/42 7C07C 62/32</b></p> <p>[25] EN [54] <b>METHOD FOR THE PREPARATION OF OLEANOLIC ACID AND/OR MASLINIC ACID</b> [54] <b>PROCEDE DE PRODUCTION D'ACIDE OLEANOLIQUE ET/OU ACID MASLINIQUE</b> [72] SHINOHARA, GOU, JP [72] KUNO, NORIYASU, JP [71] THE NISSHIN OILLIO, LTD., JP [85] 2003-02-10 [86] 2001-03-30 (PCT/JP2001/002788) [87] 2003-02-10 (WO2002/012159) [30] JP (2000-240347) 2000-08-08</p>	<p style="text-align: center;">[21] <b>2,419,053</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 9/00</b></p> <p>[25] EN [54] <b>METHOD AND SYSTEM FOR MATCHING A SURFACE COLOR</b> [54] <b>PROCEDE ET SYSTEME SERVANT A ETABLIR LA CONFORMITE DE LA COULEUR D'UNE SURFACE</b> [72] CHASEN, RICHARD JEFFREY, US [71] CHASEN, RICHARD JEFFREY, US [85] 2003-02-10 [86] 2001-07-19 (PCT/US2001/022692) [87] 2002-02-14 (WO2002/013136) [30] US (09/633,933) 2000-08-08</p>
<p style="text-align: center;">[21] <b>2,419,038</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/29 7C07K 14/415</b></p> <p>[25] EN [54] <b>NUCLEIC ACIDS AND PROTEINS SHOWING INCREASED EXPRESSION DOSE UNDER SALT STRESS</b> [54] <b>ACIDES NUCLEIQUES ET PROTEINES DONT LE NIVEAU D'EXPRESSION AUGMENTE SOUS L'EFFET DU STRESS PROVOQUE PAR LE SEL</b> [72] TAKEDA, KAZUYOSHI, JP [72] SUGIMOTO, MANABU, JP [72] ITO, KAZUTOSHI, JP [71] SAPPORO BREWERIES LTD., JP [85] 2003-02-11 [86] 2001-08-10 (PCT/JP2001/006939) [87] 2003-02-11 (WO2002/014515) [30] JP (2000-244647) 2000-08-11</p>	<p style="text-align: center;">[21] <b>2,419,046</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/576 7C12P 21/02 7C07K 16/08 7C12P 21/08 7C12N 5/18 7G01N 33/577</b></p> <p>[25] EN [54] <b>METHOD OF DETECTING OR ASSAYING HBV</b> [54] <b>PROCEDE SERVANT A DETECTER OU A DETERMINER VBH</b> [72] KIMURA, TATSUJI, JP [72] SAKAMOTO, YOKO, JP [72] MAKI, NOBORU, JP [72] YAGI, SHINTARO, JP [71] ADVANCED LIFE SCIENCE INSTITUTE, INC., JP [85] 2003-02-11 [86] 2001-08-10 (PCT/JP2001/006947) [87] 2003-02-11 (WO2002/014871) [30] JP (2000-249202) 2000-08-11</p>	<p style="text-align: center;">[21] <b>2,419,055</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b></p> <p>[25] EN [54] <b>DISTALLY NARROWED VASCULAR GRAFTS</b> [54] <b>GREFFES VASCULAIRES DISTALEMENT RETRECIES ET PROCEDES D'UTILISATION DESDITES GREFFES AFIN DE REALISER DES CONNEXIONS ARTERE-VEINE ET ARTERE-ARTERE</b> [72] STANISH, PAUL, US [71] DIALYSIS ACCESS SOLUTIONS, INC., US [85] 2003-02-10 [86] 2001-08-06 (PCT/US2001/024610) [87] 2002-02-21 (WO2002/013675) [30] US (60/224,392) 2000-08-10 [30] US (09/704,083) 2000-11-01 [30] US (60/297,088) 2001-06-08 [30] US (60/297,226) 2001-06-08</p>
<p style="text-align: center;">[21] <b>2,419,047</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/05 7A61K 31/55 7A61K 31/66</b></p> <p>[25] EN [54] <b>WATER-SOLUBLE PRODRUGS OF PROPOFOL FOR TREATMENT OF MIGRAINE</b> [54] <b>PROMEDICAMENTS SOLUBLES DANS L'EAU A BASE DE PROPOFOL AFIN DE TRAITER LA MIGRAINE</b> [72] HENDLER, SHELDON S., US [71] VYREX CORPORATION, US [85] 2003-02-14 [86] 2001-08-14 (PCT/US2001/025540) [87] 2002-02-21 (WO2002/013810) [30] US (09/639,015) 2000-08-15</p>	<p style="text-align: center;">[21] <b>2,419,063</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/38 7H03B 19/00</b></p> <p>[25] EN [54] <b>FREQUENCY TRANSLATOR USING A CORDIC PHASE ROTATOR</b> [54] <b>TRANSPOSEUR DE FREQUENCE UTILISANT UN DISPOSITIF DE ROTATION DE PHASE CORDIC</b> [72] SULLIVAN, MARK C., US [71] SKYBITZ, INC., US [85] 2003-02-10 [86] 2001-08-09 (PCT/US2001/024825) [87] 2002-02-14 (WO2002/013370) [30] US (60/223,972) 2000-08-09</p>	

## Demandes PCT entrant en phase nationale

[21] **2,419,064**  
[13] A1

[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **KRUPPEL-LIKE FACTOR 6 (KLF6), A TUMOR SUPPRESSOR PROTEIN, AND DIAGNOSTICS, THERAPEUTICS, AND SCREENING BASED ON THIS PROTEIN**  
[54] **FACTEUR 6 DU GENRE KRUPPEL (KLF6), PROTEINE SUPPRIMANT LES TUMEURS ET DIAGNOSTICS, THERAPIES ET CRIBLAGES BASES SUR CETTE PROTEINE**  
[72] NARLA, GOUTHAM, US  
[72] HEATH, KAREN, ES  
[72] MARTIGNETTI, JOHN, US  
[72] LI, DAN, US  
[72] FRIEDMAN, SCOTT, US  
[71] MOUNT SINAI SCHOOL OF MEDICINE, US  
[85] 2003-02-07  
[86] 2001-08-09 (PCT/US2001/025046)  
[87] 2002-02-14 (WO2002/012894)  
[30] US (60/224,111) 2000-08-09

[21] **2,419,066**  
[13] A1

[51] **Int.Cl. 7A23L 1/30 7A23L 1/275**  
[25] EN  
[54] **FOOD SUPPLEMENT**  
[54] **COMPLEMENT ALIMENTAIRE**  
[72] SARDARYAN, EDUARD, CZ  
[71] SARDARYAN, EDUARD, CZ  
[85] 2003-02-10  
[86] 2001-07-23 (PCT/CZ2001/000039)  
[87] 2002-02-14 (WO2002/011563)  
[30] CZ (PV 2000-2950) 2000-08-10

[21] **2,419,067**  
[13] A1

[51] **Int.Cl. 7A61K 31/4439 7A61P 35/00 7A61K 47/02 7A61P 1/04 7A61P 31/04 7A61K 9/08 7C07D 401/12 7A61K 9/19 7A61K 47/26 7C07D 235/28 7C07D 209/30 7A61K 31/404 7A61K 31/4184**  
[25] EN  
[54] **INJECTIONS**  
[54] **INJECTIONS**  
[72] NAGAO, MASAO, JP  
[72] TAKECHI, NOBUYUKI, JP  
[72] ASAKAWA, NAOKI, JP  
[72] DOEN, TAKAYUKI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2003-02-11  
[86] 2001-08-17 (PCT/JP2001/007075)  
[87] 2002-02-28 (WO2002/015908)  
[30] JP (2000-248468) 2000-08-18

[21] **2,419,070**  
[13] A1

[51] **Int.Cl. 7G01M 3/16 7G01R 31/08**  
[25] EN  
[54] **WATER MONITORING SYSTEM AND WATER MONITORING METHOD FOR HIGH VOLTAGE CABLES**  
[54] **SYSTEME ET PROCEDE DE DETECTION D'EAU POUR CABLES A HAUTE TENSION**  
[72] GOEHLICH, LOTHAR, DE  
[71] PIRELLI KABEL UND SYSTEME GMBH & CO. KG, DE  
[85] 2003-02-10  
[86] 2001-08-14 (PCT/EP2001/009384)  
[87] 2002-02-21 (WO2002/014823)  
[30] EP (00117548.8) 2000-08-14

[21] **2,419,074**  
[13] A1

[51] **Int.Cl. 7E04G 3/00**  
[25] EN  
[54] **DEVICE FOR MOVING A PLATFORM ALONG A FACADE AND BUILDING PROVIDED WITH SUCH A DEVICE**  
[54] **APPAREIL DE DEPLACEMENT D'UNE PLATE-FORME LE LONG D'UNE FACADE ET CONSTRUCTION FOURNIE AVEC LEDIT APPAREIL**  
[72] GROENENDIJK, FRANCISCUS LUDOVICUS, NL  
[72] SWANENBERG, ADRIANUS, NL  
[71] GROENENDIJK, FRANCISCUS LUDOVICUS, NL  
[71] SWANENBERG, ADRIANUS, NL  
[85] 2003-02-11  
[86] 2001-08-14 (PCT/NL2001/000597)  
[87] 2002-02-21 (WO2002/014623)  
[30] NL (1015938) 2000-08-15

[21] **2,419,075**  
[13] A1

[51] **Int.Cl. 7H02M 3/28 7H02J 5/00**  
[25] EN  
[54] **ENERGY SUPPLY UNIT FOR TRANSMITTING AUXILIARY ENERGY TO AN ELECTRICAL DEVICE**  
[54] **UNITE D'ALIMENTATION D'ENERGIE DESTINEE A TRANSMETTRE UNE ENERGIE AUXILIAIRE A UN DISPOSITIF ELECTRIQUE**  
[72] RUDNISKI, DAVID, CA  
[72] JUNGE, GUNTER, DE  
[72] JAKOB, ROLAND, DE  
[71] ALSTOM, FR  
[85] 2003-02-10  
[86] 2001-06-02 (PCT/EP2001/006325)  
[87] 2003-02-10 (WO2002/015375)  
[30] DE (100 39 707.7) 2000-08-14

[21] **2,419,079**  
[13] A1

[51] **Int.Cl. 7G01R 27/06 7H04B 3/46**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE MESURE DE L'ATTENUATION D'UNE LIGNE**  
[54] **METHOD AND DEVICE FOR MEASURING A LINE ATTENUATION**  
[72] LE HENAFF, DIDIER, FR  
[71] THALES, FR  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/FR2001/002604)  
[87] 2002-02-21 (WO2002/014882)  
[30] FR (00/10732) 2000-08-11

[21] **2,419,082**  
[13] A1

[51] **Int.Cl. 7H01R 11/20**  
[25] EN  
[54] **ELECTRICAL CONNECTOR CONTACT CONFIGURATIONS**  
[54] **CONFIGURATION DE CONTACT POUR CONNECTEUR ELECTRIQUE**  
[72] MILNER, JOHN, US  
[72] PEREIRA, RAUL, US  
[72] MILLER, ALAN, US  
[72] RETSCH, RANDOLPH, US  
[72] DUPUIS, JOSEPH, US  
[71] HUBBELL INCORPORATED, US  
[85] 2003-02-11  
[86] 2001-08-08 (PCT/US2001/024766)  
[87] 2002-02-21 (WO2002/015341)  
[30] US (09/638,179) 2000-08-14



## PCT Applications Entering the National Phase

---

[21] **2,419,083**  
[13] A1  
[51] **Int.Cl. 7A63B 21/22 7A63B 22/00 7A63B 69/06 7A63B 21/062 7A63B 69/18**  
[25] EN  
[54] **INERTIAL EXERCISE APPARATUS AND METHOD**  
[54] **PROCEDE ET DISPOSITIF D'EXERCICE FAISANT INTERVENIR DES FORCES D'INERTIE**  
[72] PERKINS, ALLEN, US  
[72] THOMPSON, MICHAEL A., US  
[71] I.K.E. SYSTEMS, LLC, US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025177)  
[87] 2002-02-21 (WO2002/013911)  
[30] US (09/637,971) 2000-08-11

---

[21] **2,419,088**  
[13] A1  
[51] **Int.Cl. 7G08B 13/14**  
[25] EN  
[54] **RFID TAG ASSEMBLY AND SYSTEM**  
[54] **SYSTEME ET ENSEMBLE A ETIQUETTE RFID**  
[72] JESSER, EDWARD A., US  
[71] ESCORT MEMORY SYSTEMS, US  
[85] 2003-02-11  
[86] 2001-08-08 (PCT/US2001/024937)  
[87] 2002-02-21 (WO2002/015139)  
[30] US (60/224,932) 2000-08-11

---

[21] **2,419,106**  
[13] A1  
[51] **Int.Cl. 7B04B 5/04 7B04B 7/00 7B04B 7/02**  
[25] EN  
[54] **ROTOR LOCATOR**  
[54] **POSITIONNEUR DE ROTOR**  
[72] KLUGE, DOUGLAS J., US  
[72] CAMPBELL, GLENN M., JR., US  
[72] SHUMAN, RUTH, US  
[72] CAMPBELL, GLENN M., SR., US  
[72] HEATH, ELLEN M., US  
[71] GENTRA SYSTEMS, INC., US  
[85] 2003-02-10  
[86] 2001-08-01 (PCT/US2001/024049)  
[87] 2002-02-21 (WO2002/013975)  
[30] US (09/637,777) 2000-08-11

---

[21] **2,419,108**  
[13] A1  
[51] **Int.Cl. 7H01M 2/18 7H01M 4/76**  
[25] EN  
[54] **MULTIFUNCTIONAL BATTERY AND METHOD OF MAKING THE SAME**  
[54] **BATTERIE MULTIFONCTION ET SON PROCEDE DE FABRICATION**  
[72] SASTRY, ANN MARIE, US  
[72] QUEHEILLALT, DOUGLAS T., US  
[72] EVANS, ANTHONY G., US  
[72] WADLEY, HAYDN N. G., US  
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US  
[71] PRINCETON UNIVERSITY, US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025158)  
[87] 2002-02-21 (WO2002/015300)  
[30] US (60/224,453) 2000-08-10

---

[21] **2,419,110**  
[13] A1  
[51] **Int.Cl. 7G08B 7/02**  
[25] EN  
[54] **COMMUNICATION PROTOCOL FOR INTERCONNECTED HAZARDOUS CONDITION DETECTORS, AND SYSTEM EMPLOYING SAME**  
[54] **PROTOCOLE DE COMMUNICATION POUR DETECTEURS DE CONDITIONS DANGEREUSES INTERCONNECTES, ET SYSTEME UTILISANT CE PROTOCOLE**  
[72] ANDRES, JOHN, US  
[72] ERNST, STEPHEN, US  
[72] APPERSON, MICHAEL, US  
[72] RATZLAFF, LARRY, US  
[72] GILBERT, CHRIS, US  
[72] KLEINBERG, CRAIG, US  
[72] DELUCA, JOSEPH, US  
[72] WURTENBERGER, JOHN, US  
[71] WALTER KIDDE PORTABLE EQUIPMENT, INC., US  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/US2001/025129)  
[87] 2002-02-21 (WO2002/015415)  
[30] US (09/638,091) 2000-08-11

---

[21] **2,419,114**  
[13] A1  
[51] **Int.Cl. 7H04L 12/28 7H04L 29/06 7H04Q 7/38 7H04L 12/56**  
[25] EN  
[54] **ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT**  
[54] **SYSTEME PERMETTANT LA MOBILITE D'UN UTILISATEUR SANS COUPURE DANS UN ENVIRONNEMENT DE MISE EN RESEAU FIL A COURTE PORTEE**  
[72] GOPAL, AJEI SARAT, US  
[72] GOPAL, INDER SARAT, US  
[72] SINGHAL, SANDEEP KISHAN, US  
[71] REEFEDGE, INC., US  
[85] 2003-02-10  
[86] 2001-08-08 (PCT/US2001/024821)  
[87] 2002-02-21 (WO2002/015472)  
[30] US (09/637,742) 2000-08-11

---

[21] **2,419,115**  
[13] A1  
[51] **Int.Cl. 7A61K 9/00**  
[25] EN  
[54] **MICROPARTICLES**  
[54] **MICROPARTICULES**  
[72] BERKLAND, CORY J., US  
[72] PACK, DANIEL W., US  
[72] KYEKYOON, KIM, US  
[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[85] 2003-02-10  
[86] 2001-08-15 (PCT/US2001/025674)  
[87] 2002-02-21 (WO2002/013786)  
[30] US (60/225,525) 2000-08-15  
[30] US (60/225,620) 2000-08-15

---

[21] **2,419,116**  
[13] A1  
[51] **Int.Cl. 7G08B 13/14**  
[25] EN  
[54] **RFID PASSIVE REPEATER SYSTEM AND APPARATUS**  
[54] **SYSTEME ET APPAREIL DE REPETEUR PASSIF A RFID**  
[72] JESSER, EDWARD A., US  
[72] NICHOLSON, MARK R., US  
[72] JONES, NORMAN S., US  
[71] ESCORT MEMORY SYSTEMS, US  
[85] 2003-02-11  
[86] 2001-08-08 (PCT/US2001/024939)  
[87] 2002-02-21 (WO2002/015112)  
[30] US (60/224,855) 2000-08-11

## Demandes PCT entrant en phase nationale

---

[21] **2,419,117**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04M 11/00**  
[25] EN  
[54] **COMMUNICATION SYSTEM, METHOD THEREOF, SWITCHING CENTER THEREOF AND BASE STATION CONTROL STATIONS THEREOF**  
[54] **SYSTEME DE COMMUNICATION, SON PROCEDURE, SON CENTRE DE COMMUTATION ET SA STATION DE COMMANDE DE STATIONS DE BASE**  
[72] HAYASHI, SADAFUKU, JP  
[71] NEC CORPORATION, JP  
[85] 2003-02-10  
[86] 2001-08-10 (PCT/JP2001/006932)  
[87] 2003-02-10 (WO2002/015629)  
[30] JP (2000-243529) 2000-08-11

---

[21] **2,419,119**  
[13] A1  
[51] **Int.Cl. 7F16L 55/04**  
[25] EN  
[54] **ENERGY ATTENUATION APPARATUS FOR A SYSTEM CONVEYING LIQUID UNDER PRESSURE AND METHOD OF ATTENUATING ENERGY**  
[54] **DISPOSITIF D'ATTENUATION D'ENERGIE POUR SYSTEME TRANSPORTANT UN LIQUIDE SOUS PRESSION ET PROCEDURE D'ATTENUATION D'ENERGIE**  
[72] COOPER, JACK R., US  
[72] CHEN, YUNGRWEI, US  
[71] DAYCO PRODUCTS, LLC, US  
[85] 2003-02-11  
[86] 2001-08-07 (PCT/US2001/025084)  
[87] 2002-02-21 (WO2002/014730)  
[30] US (09/639,044) 2000-08-15

---

[21] **2,419,124**  
[13] A1  
[51] **Int.Cl. 7G08B 17/10 7G08B 19/00 7G08B 29/12 7G08B 21/14**  
[25] EN  
[54] **MICROPROCESSOR-BASED COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR HAVING INTELLIGENT HUSH FEATURE**  
[54] **DETECTEUR DE FUMEE ET DE MONOXYDE DE CARBONE EN COMBINAISON RATTACHE A UN MICROPROCESSEUR POSSEDANT DES CARACTERISTIQUES D'INSONORISATION INTELLIGENTES**  
[72] DELUCA, JOSEPH, US  
[72] ANDRES, JOHN, US  
[72] GILBERT, CHRIS, US  
[72] APPERSON, MICHAEL, US  
[72] RATZLAFF, LARRY, US  
[71] WALTER KIDDE PORTABLE EQUIPMENT, INC., US  
[85] 2003-02-11  
[86] 2001-08-10 (PCT/US2001/025130)  
[87] 2002-02-21 (WO2002/015137)  
[30] US (09/638,090) 2000-08-11

---

[21] **2,419,125**  
[13] A1  
[51] **Int.Cl. 7G06F 3/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONFIGURING AMONG CALL PROCESSING APPLICATIONS IN A CALL PROCESSING SYSTEM**  
[54] **PROCEDURE ET SYSTEME DE CONFIGURATION D'APPLICATIONS DE TRAITEMENT D'APPEL DANS UN SYSTEME DE TRAITEMENT D'APPEL**  
[72] CROOK, JOHN, US  
[71] INTEL CORPORATION, US  
[85] 2003-02-10  
[86] 2001-11-01 (PCT/US2001/042999)  
[87] 2002-05-10 (WO2002/037215)  
[30] US (09/703,750) 2000-11-01

---

[21] **2,419,126**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **BASECALLING SYSTEM AND PROTOCOL**  
[54] **SYSTEME ET PROTOCOLE DE CONVERSION DE DONNEES BRUTES EN UNE SEQUENCE DE BASES**  
[72] BARTHA, GABOR T., US  
[72] MORRIS, MACDONALD S., US  
[72] WALTHER, DICK, US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-02-11  
[86] 2001-08-10 (PCT/US2001/025195)  
[87] 2002-02-21 (WO2002/015107)  
[30] US (60/225,083) 2000-08-14  
[30] US (60/257,621) 2000-12-20

---

[21] **2,419,128**  
[13] A1  
[51] **Int.Cl. 7G01N 11/02 7G01N 11/00 7G01N 13/02 7G01N 3/08 7G01N 33/44**  
[25] EN  
[54] **APPARATUS AND METHODS FOR MEASURING EXTENSIONAL RHEOLOGICAL PROPERTIES OF A MATERIAL**  
[54] **DISPOSITIF ET PROCEDES SERVANT A MESURER LES PROPRIETES RHEOLOGIQUES EXTENSIONNELLES D'UN MATERIAU**  
[72] MCKINLEY, GARETH HUE, US  
[72] BRAITHWAITE, GAVIN JAMES COLIN, US  
[72] SPIEGELBERG, STEPHEN HARRY, US  
[71] CAMBRIDGE POLYMER GROUP, INC., US  
[85] 2003-02-11  
[86] 2001-08-14 (PCT/US2001/025445)  
[87] 2002-02-21 (WO2002/014836)  
[30] US (60/224,786) 2000-08-14

## PCT Applications Entering the National Phase

---

[21] **2,419,130**  
[13] A1  
[51] **Int.Cl. 7C23C 16/00 7C23F 1/02**  
[25] EN  
[54] **ELECTROSTATICALLY CLAMPED EDGE RING FOR PLASMA PROCESSING**  
[54] **ANNEAU DE BORDURE FIXE PAR ELECTROSTATIQUE POUR LE TRAITEMENT AU PLASMA**  
[72] HUBACEK, JEROME S., US  
[71] LAM RESEARCH CORPORATION, US  
[85] 2003-02-10  
[86] 2001-09-26 (PCT/US2001/030286)  
[87] 2002-04-18 (WO2002/031219)  
[30] US (09/680,515) 2000-10-06

---

[21] **2,419,133**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7A61K 39/00 7A61K 39/38 7G01N 33/53 7G01N 33/567 7G01N 33/574**  
[25] EN  
[54] **EXPRESSION OF HERSTATIN, AN ALTERNATIVE HER-2/NEU PRODUCT, IN CELLS THAT EXPRESS EITHER P185HER-2 OR THE EGF RECEPTOR INHIBITS RECEPTOR ACTIVITY AND CELL GROWTH**  
[54] **INHIBITION DE L'ACTIVITE DES RECEPTEURS ET DE LA CROISSANCE CELLULAIRE DANS LES CELLULES EXPRIMANT LE P185HER-2 OU LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE PAR EXPRESSION D'HERSTATINE, PRODUIT SE SUBSTITUANT AU HER-2/NEU**  
[72] CLINTON, GAIL M., US  
[71] OREGON HEALTH AND SCIENCE UNIVERSITY, US  
[85] 2003-02-11  
[86] 2001-08-14 (PCT/US2001/025502)  
[87] 2002-02-21 (WO2002/014470)  
[30] US (09/638,834) 2000-08-14

---

[21] **2,419,134**  
[13] A1  
[51] **Int.Cl. 7B29C 47/00 7B29C 69/00 7B29C 70/14 7B29C 47/70**  
[25] EN  
[54] **IMPROVED POLYMER MATRIX COMPOSITE**  
[54] **SUBSTANCE COMPOSITE A MATRICE POLYMERE AMELIOREE**  
[72] KURIGER, REX J., US  
[72] ALAM, M. KHAIRUL, US  
[71] OHIO UNIVERSITY, US  
[85] 2003-02-10  
[86] 2001-08-09 (PCT/US2001/041650)  
[87] 2002-02-14 (WO2002/011971)  
[30] US (60/223,937) 2000-08-09

---

[21] **2,419,138**  
[13] A1  
[51] **Int.Cl. 7C08F 285/00 7C08F 36/00 7C08F 265/00 7C08L 51/00**  
[25] EN  
[54] **PMMA MOULDING COMPOUNDS WITH IMPROVED IMPACT RESISTANCE**  
[54] **MASSES A MOULER PMMA A RESILIENCE AMELIOREE**  
[72] MULLER, REINER, DE  
[72] SCHULTES, KLAUS, DE  
[72] SUFKE, THOMAS, DE  
[72] LAATSCH, JOACHIM, DE  
[72] ARNDT, THOMAS, DE  
[72] MICHLER, GOERG, DE  
[71] ROEHM GMBH & CO., KG, DE  
[85] 2003-02-10  
[86] 2001-07-26 (PCT/EP2001/008631)  
[87] 2003-02-10 (WO2002/020634)  
[30] DE (100 43 868.7) 2000-09-04

---

[21] **2,419,139**  
[13] A1  
[51] **Int.Cl. 7D21H 27/30 7D21H 21/22**  
[25] EN  
[54] **SOFT TISSUE PAPER**  
[54] **TISSU MOU HAUTEMENT RESISTANT**  
[72] SCHROEDER, WEN Z., US  
[72] PAWAR, PAU-LIN, US  
[72] CHEN, PATRICK P., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2003-02-11  
[86] 2001-08-16 (PCT/US2001/025738)  
[87] 2002-02-21 (WO2002/014606)  
[30] US (09/640,921) 2000-08-17

---

[21] **2,419,142**  
[13] A1  
[51] **Int.Cl. 7B23B 31/20**  
[25] EN  
[54] **CHUCK**  
[54] **MANDRIN**  
[72] RALL, GERHARD, DE  
[71] HAINBUCH GMBH SPANNENDE TECHNIK, DE  
[85] 2003-02-10  
[86] 2001-11-22 (PCT/EP2001/013572)  
[87] 2003-02-10 (WO2002/042025)  
[30] DE (100 57 977.9) 2000-11-22

---

[21] **2,419,143**  
[13] A1  
[51] **Int.Cl. 7D21H 27/02 7D21H 25/00**  
[25] EN  
[54] **NON PLANAR TISSUE PAPER**  
[54] **PAPIER MOUCHOIR DOTE DE SURFACES PRESENTANT DES ZONES SURELEVEES**  
[72] SCHROEDER, WEN, US  
[72] SPRANGERS, DANIEL R., US  
[72] BURAZIN, MARK A., US  
[72] CHEN, PATRICK P., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2003-02-11  
[86] 2001-08-14 (PCT/US2001/041701)  
[87] 2002-02-21 (WO2002/014605)  
[30] US (09/641,100) 2000-08-17  
[30] US (09/641,355) 2000-08-17

---

[21] **2,419,145**  
[13] A1  
[51] **Int.Cl. 7E02B 15/04**  
[25] EN  
[54] **OIL COLLECTING APPARATUS AND A METHOD FOR COLLECTING OIL OR THE LIKE**  
[54] **APPAREIL DE COLLECTION DE PETROLE ET PROCEDE DE COLLECTION DE PETROLE OU D'UN AUTRE FLUIDE SIMILAIRE**  
[72] LUNDIN, SUNE, FI  
[71] LARSEN, BENT, FI  
[85] 2003-02-10  
[86] 2001-08-21 (PCT/FI2001/000735)  
[87] 2002-02-28 (WO2002/016699)  
[30] FI (20001850) 2000-08-22

---

## Demandes PCT entrant en phase nationale

[21] **2,419,147**  
[13] A1

[51] **Int.Cl. 7A61K 31/192 7A61K 47/06 7A61K 9/08 7A61K 47/08 7A61K 47/10 7A61K 47/34 7A61K 9/48**

[25] EN

[54] **IBUPROFEN SOLUTIONS FOR CAPSULE-FILLING AND CAPSULE PREPARATIONS**

[54] **SOLUTIONS D'IBUPROFENE DESTINEES A ETRE MISES EN GELULES ET PREPARATIONS EN GELULES**

[72] KATO, SOICHIRO, JP

[72] SHINODA, YASUO, JP

[72] TSUMORI, KATSUYUKI, JP

[72] INAGI, TOSHIO, JP

[71] KOWA COMPANY, LTD., JP

[85] 2003-02-10

[86] 2001-08-23 (PCT/JP2001/007223)

[87] 2003-02-10 (WO2002/015900)

[30] JP (2000-255827) 2000-08-25

[21] **2,419,151**  
[13] A1

[51] **Int.Cl. 7H04L 12/64**

[25] EN

[54] **AUDIO DATA PROCESSING**

[54] **TRAITEMENT DE DONNEES AUDIO**

[72] RADENKOVIC, MILENA, GB

[72] GREENHALGH, CHRISTOPHER MICHAEL, GB

[71] BRITISH TELECOMMUNICATIONS

PUBLIC LIMITED COMPANY, GB

[85] 2003-02-10

[86] 2001-08-09 (PCT/GB2001/003595)

[87] 2002-02-28 (WO2002/017579)

[30] EP (00307348.3) 2000-08-25

[21] **2,419,153**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**

[25] EN

[54] **AUTOMATED SYSTEM AND METHOD FOR DESIGNING MODEL BASED ARCHITECTURES OF INFORMATION SYSTEMS**

[54] **SYSTEME ET PROCEDE AUTOMATISES DE CONCEPTION D'ARCHITECTURES DE SYSTEMES D'INFORMATION A PARTIR D'UN MODELE**

[72] ABU EL ATA, NABIL, A., US

[71] ABU EL ATA, NABIL, A., US

[85] 2003-02-10

[86] 2001-08-29 (PCT/US2001/026958)

[87] 2002-03-07 (WO2002/019148)

[30] US (60/228,702) 2000-08-29

[30] US (09/942,096) 2001-08-28

[21] **2,419,155**  
[13] A1

[51] **Int.Cl. 7B01D 33/00 7B01D 29/01 7B01D 33/03 7B01D 29/05 7B01D 29/07**

[25] EN

[54] **A SCREEN ASSEMBLY FOR A VIBRATORY SEPARATOR**

[54] **ENSEMBLE DE TAMIS POUR SEPARATEUR VIBRANT**

[72] SCHULTE, DAVID LEE, US

[72] ADAMS, THOMAS COLE, US

[72] MCCLUNG, GUY LAMONT III, US

[72] SEYFFERT, KENNETH WAYNE, US

[72] LARGENT, DAVID WAYNE, US

[71] VARCO I/P, INC., US

[85] 2003-02-10

[86] 2001-10-02 (PCT/GB2001/004409)

[87] 2002-05-10 (WO2002/036237)

[30] US (09/707,277) 2000-11-06

[21] **2,419,156**  
[13] A1

[51] **Int.Cl. 7C12M 3/00 7C12N 9/00 7G01N 21/00 7C12Q 1/00 7C12N 11/16 7G01N 33/53 7G01N 33/543 7G01N 33/566**

[25] EN

[54] **MULTIMERIC BIOPOLYMERS AS STRUCTURAL ELEMENTS, SENSORS AND ACTUATORS IN MICROSYSTEMS**

[54] **BIOPOLYMERES MULTIMERES EN TANT QU'ELEMENTS STRUCTURELS, DETECTEURS ET ACTIONNEURS DANS DES MICROSYSTEMES**

[72] BACHAS, LEONIDAS G., US

[72] MADOU, MARC, US

[72] DAUNERT, SYLVIA, US

[71] THE OHIO STATE UNIVERSITY

RESEARCH FOUNDATION, US

[71] UNIVERSITY OF KENTUCKY

RESEARCH FOUNDATION, US

[85] 2003-02-11

[86] 2001-07-13 (PCT/US2001/022224)

[87] 2002-01-24 (WO2002/006789)

[30] US (60/218,036) 2000-07-13

[21] **2,419,157**  
[13] A1

[51] **Int.Cl. 7A01N 63/00 7C12N 1/21 7C12N 15/31 7C12N 15/32 7C12N 15/63 7C12N 15/67 7C12N 15/75**

[25] EN

[54] **IMPROVED INSECTICIDAL BACTERIA, AND METHODS FOR MAKING AND USING THEM**

[54] **BACTERIES INSECTICIDES AMELIOREES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CELLES-CI**

[72] FEDERICI, BRIAN A., US

[72] BIDESHI, DENNIS K., US

[72] PARK, HYUN-WOO, US

[72] WIRTH, MARGARET C., US

[72] HWANG, SUNG-HEI, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2003-02-11

[86] 2001-08-14 (PCT/US2001/025543)

[87] 2002-02-21 (WO2002/013606)

[30] US (09/639,576) 2000-08-14

[21] **2,419,158**  
[13] A1

[51] **Int.Cl. 7A61K 31/18 7A61P 27/06 7A61P 3/10 7A61K 31/381 7A61K 31/382**

[25] EN

[54] **METHOD FOR THE PREVENTION AND TREATMENT OF RETINOPATHY**

[54] **METHODE DE PREVENTION ET DE TRAITEMENT DES RETINOPATHIES**

[72] STEFANSSON, EINAR, IS

[71] STEFANSSON, EINAR, IS

[85] 2003-02-11

[86] 2001-08-10 (PCT/IS2001/000015)

[87] 2002-02-21 (WO2002/013800)

[30] US (60/224,358) 2000-08-11

## PCT Applications Entering the National Phase

[21] **2,419,161**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR TRACKING AND CONTROLLING MAILPIECE PROCESSING USING POSTAL SERVICE MAILPIECE CODE**  
[54] **PROCEDES ET SYSTEMES POUR ASSURER LE SUIVI ET LA COMMANDE DE TRAITEMENT DES PIECES DE COURRIER AU MOYEN D'UN CODE DE PIECES DE COURRIER DE SERVICE POSTAL**  
[72] KAPTUROWSKI, EDWARD J., US  
[72] PAUL, MARK G., US  
[72] KREJCIK, STEVEN JOHN, US  
[72] PICKERING, WILLIAM V., JR., US  
[71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US  
[85] 2003-02-10  
[86] 2001-08-09 (PCT/US2001/024900)  
[87] 2002-02-21 (WO2002/015034)  
[30] US (09/636,175) 2000-08-10

[21] **2,419,182**  
[13] A1

[51] **Int.Cl. 7C07H 21/02 7A61K 39/00 7C07K 1/00 7A01N 63/00 7C12N 5/00 7C12N 15/00 7C07H 21/04 7A61K 39/12 7C12N 15/63**  
[25] EN  
[54] **MALARIA IMMUNOGEN AND VACCINE**  
[54] **IMMUNOGENE ET VACCIN ANTIPALUDEENS**  
[72] BIRKETT, ASHLEY J., US  
[71] APOVIA, INC., US  
[85] 2003-02-13  
[86] 2001-08-16 (PCT/US2001/025625)  
[87] 2002-02-21 (WO2002/013765)  
[30] US (60/225,813) 2000-08-16  
[30] US (09/931,325) 2001-08-15

[21] **2,419,184**  
[13] A1

[51] **Int.Cl. 7F02D 41/26 7F02D 41/22**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE**  
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE**  
[72] RAFF, ANDREAS, DE  
[72] GROSS, JUERGEN, DE  
[72] MOESSINGER, JUERGEN, DE  
[72] GERLACH, MICHAEL, DE  
[71] ROBERT BOSCH GMBH, DE  
[85] 2003-02-11  
[86] 2001-07-28 (PCT/DE2001/002867)  
[87] 2002-02-28 (WO2002/016746)  
[30] DE (100 41 448.6) 2000-08-23

[21] **2,419,194**  
[13] A1

[51] **Int.Cl. 7A61K 31/445 7C07D 211/22 7C07D 211/32**  
[25] EN  
[54] **CYCLOPENTYL MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**  
[54] **MODULATEURS CYCLOPENTYLES DE L'ACTIVITE DU RECEPTEUR DE LA CHIMIOKINE**  
[72] PARSONS, WILLIAM H., US  
[72] BUTORA, GABOR, US  
[72] YANG, LIHU, US  
[72] PASTERNAK, ALEXANDER, US  
[71] MERCK & CO. INC., US  
[85] 2003-02-11  
[86] 2001-08-13 (PCT/US2001/025335)  
[87] 2002-02-21 (WO2002/013824)  
[30] US (60/225,923) 2000-08-17

[21] **2,419,196**  
[13] A1

[51] **Int.Cl. 7A61B 17/58 7A61B 17/02**  
[25] EN  
[54] **SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF THE SPINE**  
[54] **INSTRUMENTATION CHIRURGICALE ET PROCEDE DE TRAITEMENT DU RACHIS**  
[72] FOLEY, KEVIN T., US  
[72] JUSTIS, JEFF R., US  
[71] SDGI HOLDINGS, INC., US  
[85] 2003-02-10  
[86] 2001-08-13 (PCT/US2001/025291)  
[87] 2002-02-21 (WO2002/013700)  
[30] US (60/224,491) 2000-08-11  
[30] US (09/928,949) 2001-08-13

[21] **2,419,203**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C12P 21/00**  
[25] EN  
[54] **PHAGE-DEPENDENT SUPERPRODUCTION OF BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES**  
[54] **SUPERPRODUCTION DE PROTEINES ET PEPTIDES BIOLOGIQUEMENT ACTIFS EN FONCTION D'UN BACTERIOPHAGE**  
[72] KORDYUM, VITALIY A., UA  
[72] CHERNYKH, SVITLANA I., UA  
[72] SLAVCHENKO, IRYNA YU, UA  
[72] VOZIANOV, OLEKSANDR F., UA  
[71] PHAGE BIOTECHNOLOGY CORPORATION, US  
[85] 2003-02-12  
[86] 2001-08-15 (PCT/US2001/025477)  
[87] 2002-02-21 (WO2002/014468)  
[30] US (60/225,437) 2000-08-15

[21] **2,419,205**  
[13] A1

[51] **Int.Cl. 7C12N 15/13 7A61P 37/00 7C12N 5/10 7C07K 16/24 7A61K 39/395 7C07K 16/42 7G01N 33/50 7G01N 33/577 7C12N 15/79**  
[25] EN  
[54] **ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES**  
[54] **ANTICORPS ANTI-TNF, COMPOSITIONS, METHODES ET UTILISATIONS**  
[72] GILES-KOMAR, JILL, US  
[72] KNIGHT, DAVID M., US  
[72] SCALLON, BERNARD, US  
[72] HEAVNER, GEORGE, US  
[72] SHEALY, DAVID, US  
[71] CENTOCOR, INC., US  
[85] 2003-02-07  
[86] 2001-08-07 (PCT/US2001/024785)  
[87] 2002-02-14 (WO2002/012502)  
[30] US (60/223,360) 2000-08-07  
[30] US (60/236,826) 2000-09-29  
[30] US (09/920,137) 2001-08-01

## Demandes PCT entrant en phase nationale

[21] **2,419,225**  
[13] A1

[51] **Int.Cl. 7B21D 28/26 7E04C 2/08**  
[25] EN  
[54] **METHOD FOR PRECISION BENDING OF A SHEET OF MATERIAL AND SLIT SHEET THEREFOR**  
[54] **PROCEDE POUR PLIER AVEC PRECISION UNE FEUILLE DE MATERIAU, ET FEUILLE A FENTES OBTENUE PAR CE PROCEDE**  
[72] DURNEY, MAX W., US  
[71] INDUSTRIAL ORIGAMI, INC., US  
[85] 2003-02-12  
[86] 2001-08-16 (PCT/US2001/041742)  
[87] 2002-02-21 (WO2002/013991)  
[30] US (09/640,267) 2000-08-17

[21] **2,419,236**  
[13] A1

[51] **Int.Cl. 7B60N 2/30**  
[25] EN  
[54] **STOWABLE SEAT ASSEMBLY HAVING A CENTER PIVOT**  
[54] **ENSEMBLE SIEGE ESCAMOTABLE A PIVOT CENTRAL**  
[72] RUDBERG, JAMES, US  
[72] COATSWORTH, KENNETH, US  
[71] INTIER AUTOMOTIVE SEATING OF AMERICA, INC., US  
[85] 2003-02-12  
[86] 2001-08-17 (PCT/US2001/025806)  
[87] 2002-02-21 (WO2002/014104)  
[30] US (60/225,927) 2000-08-17

[21] **2,419,241**  
[13] A1

[51] **Int.Cl. 7B41M 3/14 7B41M 5/00 7B41M 7/00**  
[25] EN  
[54] **RECORDING MATERIAL BEARING AN EMBEDDED IMAGE**  
[54] **MATERIAU D'ENREGISTREMENT PORTANT UNE IMAGE INTEGREE**  
[72] BECKER, FRANZ JOSEF, DE  
[71] ZANDERS FEINPAPIERE AG, DE  
[85] 2003-02-12  
[86] 2001-08-24 (PCT/EP2001/009778)  
[87] 2002-03-21 (WO2002/022373)  
[30] EP (00119799.5) 2000-09-12

[21] **2,419,227**  
[13] A1

[51] **Int.Cl. 7A63G 21/20 7A63G 31/02**  
[25] EN  
[54] **APPARATUS FOR AN AMUSEMENT RIDE AND FALL**  
[54] **MANEGE DU TYPE GLISSER-CHUTER**  
[72] FEA, DAVID, NZ  
[71] QUEENSTOWN PROPERTY LIMITED, NZ  
[85] 2003-02-11  
[86] 2001-08-13 (PCT/NZ2001/000164)  
[87] 2002-02-21 (WO2002/013933)  
[30] NZ (506297) 2000-08-11

[21] **2,419,238**  
[13] A1

[51] **Int.Cl. 7C08F 8/00**  
[25] EN  
[54] **NON-PRESSURIZED METHODS FOR THE PREPARATION OF CONJUGATED SOLID SUPPORTS FOR BORONIC ACIDS**  
[54] **PROCEDES RELATIFS A L'ELABORATION DE SUPPORTS SOLIDES CONJUGUES POUR LES ACIDES BORIQUES, SANS RECOURS A LA MISE SOUS PRESSION**  
[72] HALL, DENNIS G., CA  
[71] UNIVERSITY OF ALBERTA, CA  
[85] 2003-02-12  
[86] 2001-08-16 (PCT/CA2001/001172)  
[87] 2002-02-21 (WO2002/014381)  
[30] US (60/225,878) 2000-08-16

[21] **2,419,242**  
[13] A1

[51] **Int.Cl. 7B41J 2/15**  
[25] EN  
[54] **COMPACT HIGH-PERFORMANCE, HIGH-DENSITY INK JET PRINTHEAD**  
[54] **TETE D'IMPRESSON A JET D'ENCRE COMPACTE HAUTE PERFORMANCE ET HAUTE DENSITE**  
[72] DODD, SIMON, US  
[72] TORGERSON, JOSEPH M., US  
[72] BAKKOM, ANGELA W., US  
[72] MACKENZIE, MARK H., US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2003-02-12  
[86] 2001-08-16 (PCT/US2001/025911)  
[87] 2002-02-21 (WO2002/014072)  
[30] US (09/640,283) 2000-08-16

[21] **2,419,229**  
[13] A1

[51] **Int.Cl. 7B29C 65/40 7B31B 19/90**  
[25] EN  
[54] **METHOD FOR LAMINATING CLOSURE MEMBER TO FILM WEB**  
[54] **PROCEDE DE STRATIFICATION D'UN ELEMENT DE FERMETURE SUR UNE BANDE DE FILM**  
[72] BAUMAN, KARL W., US  
[72] PAWLOSKI, JAMES C., US  
[71] S.C. JOHNSON HOME STORAGE, INC., US  
[85] 2003-02-12  
[86] 2001-08-15 (PCT/US2001/025471)  
[87] 2002-02-21 (WO2002/014053)  
[30] US (09/640,402) 2000-08-15

[21] **2,419,240**  
[13] A1

[51] **Int.Cl. 7G05B 17/02**  
[25] EN  
[54] **METHOD FOR ESTIMATING AND REDUCING UNCERTAINTIES IN PROCESS MEASUREMENTS**  
[54] **PROCEDE PERMETTANT L'ESTIMATION ET LA REDUCTION DES INCERTITUDES DANS LES MESURES DE PROCESSUS**  
[72] MOTT, JACK EDWARD, US  
[71] TRIANT TECHNOLOGIES INC., CA  
[85] 2003-02-12  
[86] 2001-10-25 (PCT/CA2001/001507)  
[87] 2002-05-02 (WO2002/035299)  
[30] US (09/698,878) 2000-10-26

[21] **2,419,243**  
[13] A1

[51] **Int.Cl. 7B41J 2/15**  
[25] EN  
[54] **INK JET PRINTHEAD HAVING FOUR STAGGERED ROWS OF NOZZLES**  
[54] **TETE D'IMPRESSON A JET D'ENCRE COMPRENANT QUATRE RANGEES DE BUSES MUTUELLEMENT DECALEES**  
[72] MACKENZIE, MARK H., US  
[72] TORGERSON, JOSEPH M., US  
[72] BAKKOM, ANGELA W., US  
[72] DODD, SIMON, US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2003-02-12  
[86] 2001-08-16 (PCT/US2001/025912)  
[87] 2002-02-21 (WO2002/014073)  
[30] US (09/640,286) 2000-08-16

## PCT Applications Entering the National Phase

---

[21] **2,419,245**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **ADENO-ASSOCIATED VIRUS-MEDIATED DELIVERY OF ANGIOGENIC FACTORS**  
[54] **DISTRIBUTION DE FACTEURS ANGIOGENIQUES A MEDIATION ASSUREE PAR VIRUS ASSOCIE AUX ADENOVIRUS**  
[72] SHIMADA, KAZUYUKI, JP  
[72] IKEDA, UICHI, JP  
[72] MAEDA, YOSHIKAZU, JP  
[72] OZAWA, KEIYA, JP  
[72] SHIMPO, MASAHISA, JP  
[72] IKEDA, UICHI, JP  
[72] SHIMPO, MASAHISA, JP  
[72] MAEDA, YOSHIKAZU, JP  
[72] SHIMADA, KAZUYUKI, JP  
[71] OZAWA, KEIYA, JP  
[71] IKEDA, UICHI, JP  
[71] SHIMPO, MASAHISA, JP  
[71] MAEDA, YOSHIKAZU, JP  
[71] SHIMADA, KAZUYUKI, JP  
[85] 2003-02-14  
[86] 2001-08-17 (PCT/IB2001/001902)  
[87] 2002-02-21 (WO2002/014487)  
[30] US (60/226,056) 2000-08-17

---

[21] **2,419,246**  
[13] A1

[51] **Int.Cl. 7B01D 39/16 7B01D 29/00**  
[25] EN  
[54] **POOL AND SPA FILTER MEDIA**  
[54] **MATERIAU FILTRANT DE PISCINE ET DE BAIGNOIRE**  
[72] ABELLI, DINO E., US  
[72] COX, STEPHEN T., US  
[71] HOLLINGSWORTH & VOSE COMPANY, US  
[85] 2003-02-11  
[86] 2001-06-05 (PCT/US2001/018396)  
[87] 2002-02-21 (WO2002/013942)  
[30] US (09/639,053) 2000-08-15

---

[21] **2,419,247**  
[13] A1

[51] **Int.Cl. 7C08J 5/18 7B60C 1/00 7C08L 77/00 7C08L 23/28**  
[25] EN  
[54] **ORIENTED THERMOPLASTIC VULCANIZATE**  
[54] **VULCANISAT THERMOPLASTIQUE ORIENTE**  
[72] DUVDEVANI, ILAN, US  
[72] WANG, HSIEN-CHANG, US  
[72] TSOU, ANDY H., US  
[71] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 2003-02-11  
[86] 2001-07-02 (PCT/US2001/020942)  
[87] 2002-02-21 (WO2002/014410)  
[30] US (60/225,479) 2000-08-15

---

[21] **2,419,248**  
[13] A1

[51] **Int.Cl. 7H01M 4/68 7C22C 11/06**  
[25] EN  
[54] **LEAD-ACID BATTERIES AND POSITIVE PLATE AND ALLOYS THEREFOR**  
[54] **ACCUMULATEURS AU PLOMB ET PLAQUE POSITIVE ET ALLIAGES UTILISES POUR CES DERNIERS**  
[72] LARSEN, STEVEN R., US  
[71] EXIDE TECHNOLOGIES, US  
[85] 2003-02-11  
[86] 2001-08-09 (PCT/US2001/024881)  
[87] 2002-02-21 (WO2002/015296)  
[30] US (09/638,141) 2000-08-11

---

[21] **2,419,259**  
[13] A1

[51] **Int.Cl. 7A61K 49/08 7C07D 257/02 7A61K 49/10 7C07D 405/14 7C07D 295/22 7A61K 31/555**  
[25] EN  
[54] **COMPLEXES CONTAINING PERFLUOROALKYL WITH POLAR RADICALS, METHOD FOR THE PRODUCTION AND USE THEREOF**  
[54] **COMPLEXES PERFLUOROALKYLES A RESIDUS POLAIRES, LEUR PROCEDURE DE FABRICATION ET LEUR UTILISATION**  
[72] MISSELWITZ, BERND, DE  
[72] WEINMANN, HANNS-JOACHIM, DE  
[72] RADUCHEL, BERND, DE  
[72] NIEBALLA, ULRICH, DE  
[72] PLATZEK, JOHANNES, DE  
[72] MARESKI, PETER, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2003-02-11  
[86] 2001-07-23 (PCT/EP2001/008500)  
[87] 2002-02-21 (WO2002/013875)  
[30] DE (100 40 858.3) 2000-08-11

---

[21] **2,419,269**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **DESIGN OF COMMUNICATIONS NETWORKS**  
[54] **CONCEPTION DE RESEAUX DE COMMUNICATIONS**  
[72] SHIPMAN, ROBERT ANDREW, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2003-02-12  
[86] 2001-09-14 (PCT/GB2001/004136)  
[87] 2002-03-21 (WO2002/023806)  
[30] GB (0022743.9) 2000-09-15  
[30] EP (01300152.4) 2001-01-09

## Demandes PCT entrant en phase nationale

[21] **2,419,271**  
[13] A1

[51] **Int.Cl. 7B01J 31/24 7C07F 15/00 7C07F 15/06 7C07C 31/125 7C07C 29/16 7C07C 45/50 7C07F 9/6568**

[25] EN

[54] **BICYCLIC PHOSPHIN COMPRISING HYDROFORMYLATION CATALYST AND USE THEREOF IN PRODUCTION OF OXYGENATED PRODUCTS**

[54] **PRODUCTION DE PRODUITS OXYGENES**

[72] STEYNBERG, PETRUS JOHANNES, ZA

[72] GOVENDER, KHEDAREN, ZA

[72] STEYNBERG, JAN PETRUS, ZA

[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA

[85] 2003-02-12

[86] 2001-08-14 (PCT/IB2001/001452)

[87] 2002-02-21 (WO2002/014248)

[30] ZA (2000/4131) 2000-08-14

[21] **2,419,274**  
[13] A1

[51] **Int.Cl. 7A61P 37/08 7A61K 38/17 7C07K 16/24 7A61K 39/395 7G01N 33/68**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR TREATING IGE-RELATED DISEASE USING NNT-1 INHIBITORS**

[54] **METHODES ET COMPOSITIONS POUR TRAITER DES MALADIES LIEES A L'IGE AU MOYEN D'INHIBITEURS DU NNT-1**

[72] SENALDI, GIORGIO, US

[71] AMGEN INC., US

[85] 2003-02-11

[86] 2001-08-17 (PCT/US2001/025906)

[87] 2002-02-28 (WO2002/015977)

[30] US (60/226,436) 2000-08-18

[30] US (09/931,704) 2001-08-16

[21] **2,419,275**  
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12P 7/00 7C12P 41/00 7C12N 9/16 7C12N 1/20 7C12N 1/21 7C12N 15/63**

[25] EN

[54] **BUTINOL I ESTERASE**

[54] **BUTINOL I ESTERASE**

[72] FRIEDRICH, THOMAS, DE

[72] HAUER, BERNHARD, DE

[72] LADNER, WOLFGANG, DE

[72] NUBLING, CHRISTOPH, DE

[72] STURMER, RAINER, DE

[71] BASF AKTIENGESELLSCHAFT, DE

[85] 2003-02-25

[86] 2001-08-30 (PCT/EP2001/010040)

[87] 2002-03-07 (WO2002/018560)

[30] DE (100 42 892.4) 2000-08-31

[30] DE (101 31 544.9) 2001-06-29

[21] **2,419,276**  
[13] A1

[51] **Int.Cl. 7C08J 9/28 7A47K 7/03 7C11D 17/04 7C08J 9/30 7B32B 5/32**

[25] EN

[54] **PROCESS FOR MAKING A FOAM COMPONENT**

[54] **PROCEDE D'ELABORATION D'UN COMPOSANT SPUMEUX**

[72] DUFTON, DANIEL JAMES, GB

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2003-02-12

[86] 2001-09-07 (PCT/IB2001/001626)

[87] 2002-03-21 (WO2002/022724)

[30] GB (0022496.4) 2000-09-13

[21] **2,419,282**  
[13] A1

[51] **Int.Cl. 7C12N 15/06 7A01H 5/00 7C12N 5/14**

[25] EN

[54] **METHOD OF ACCUMULATING FOREIGN GENE PRODUCT IN PLANT SEED AT HIGH LEVEL**

[54] **PROCEDE D'ACCUMULATION DE PRODUIT GENIQUE ETRANGER A FORTE CONCENTRATION DANS DES SEMENCES VEGETALES**

[72] TADA, YOSHIFUMI, JP

[72] TAKAIWA, FUMIO, JP

[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP

[71] BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP

[85] 2003-02-11

[86] 2001-08-17 (PCT/JP2001/007087)

[87] 2003-02-11 (WO2002/016604)

[30] JP (2000-251606) 2000-08-22

[21] **2,419,288**  
[13] A1

[51] **Int.Cl. 7F15B 11/02 7E02F 9/22**

[25] EN

[54] **FLUID PRESSURE CIRCUIT CONTROL SYSTEM**

[54] **SYSTEME DE REGULATION DE CIRCUIT DE PRESSION DE FLUIDE**

[72] TANAKA, MASAYUKI, JP

[72] AKIYAMA, SEIICHI, JP

[72] KONISHI, HIDEO, JP

[71] SHIN CATERPILLAR MITSUBISHI LTD., JP

[85] 2003-02-12

[86] 2002-03-28 (PCT/JP2002/003064)

[87] 2003-02-12 (WO2002/093017)

[30] JP (2001-144548) 2001-05-15

[21] **2,419,291**  
[13] A1

[51] **Int.Cl. 7C22C 1/04**

[25] EN

[54] **NIOBIUM POWDER, NIOBIUM SINTERED BODY AND CAPACITOR USING THE SINTERED BODY**

[54] **POUDRE DE NIOBIUM, CORPS FRITTE DE NIOBIUM ET CONDENSATEUR UTILISANT LE CORPS FRITTE**

[72] OMORI, KAZUHIRO, JP

[72] NAITO, KAZUMI, JP

[72] WADA, KOUICHI, JP

[72] KAWASAKI, TOSHIYA, JP

[71] SHOWA DENKO K.K., JP

[85] 2003-02-12

[86] 2002-05-14 (PCT/JP2002/004644)

[87] 2002-11-21 (WO2002/092864)

[30] JP (2001-145571) 2001-05-15

[30] US (60/291,925) 2001-05-21

[30] JP (2001-340318) 2001-11-06

[30] US (60/331,200) 2001-11-09



## PCT Applications Entering the National Phase

---

[21] **2,419,294**  
[13] A1  
[51] **Int.Cl. 7G06K 7/10 7G06K 19/06**  
[25] EN  
[54] **COMPACT MATRIX CODE AND ONE-TOUCH DEVICE AND METHOD FOR CODE READING**  
[54] **CODE MATRICIEL COMPACT, ET DISPOSITIF A EFFLEUREMENT ET PROCEDE POUR LA LECTURE DE CE CODE**  
[72] BLEI, KEITH, US  
[72] RUBIN, KIM T., US  
[72] HAGGIS, JOHN R., US  
[71] FINDTHEDOT, INC., US  
[85] 2003-02-12  
[86] 2001-07-06 (PCT/US2001/021325)  
[87] 2002-01-24 (WO2002/007065)  
[30] US (09/616,265) 2000-07-14

---

[21] **2,419,298**  
[13] A1  
[51] **Int.Cl. 7F26B 21/02 7F26B 21/00 7F26B 23/02 7F26B 21/04 7F26B 21/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR UTILIZATION OF WASTE HEAT IN DESICCATION AND HEAT TREATMENT OF WOOD**  
[54] **PROCEDE ET APPAREIL DESTINE A L'UTILISATION DE LA CHALEUR REJETEE DANS LE SECHAGE ET DANS LE TRAITEMENT THERMIQUE DU BOIS**  
[72] HAUKKA, PAULI MATIAS, FI  
[72] WALLEN, VESA VIKTOR, FI  
[72] SONNINEN, HEIKKI, FI  
[71] TEKMAWOOD OY, FI  
[85] 2003-02-12  
[86] 2001-08-17 (PCT/FI2001/000729)  
[87] 2002-02-28 (WO2002/016848)  
[30] FI (U20000327) 2000-08-24

---

[21] **2,419,306**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 5/00 7C12P 21/00 7C07H 21/02 7C07H 21/04 7C12N 1/21 7C07K 14/47 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **23 HUMAN SECRETED PROTEINS**  
[54] **23 PROTEINES HUMAINES**  
**SECRETEES**  
[72] NI, JIAN, US  
[72] SOPPET, DANIEL R., US  
[72] FISCELLA, MICHELE, US  
[72] KOMATSOULIS, GEORGE A., US  
[72] BAKER, KEVIN P., US  
[72] ROSEN, CRAIG A., US  
[72] BIRSE, CHARLES E., US  
[72] OLSEN, HENRIK S., US  
[72] MOORE, PAUL A., US  
[72] WEI, PING, US  
[72] CHOI, GIL H., US  
[72] EBNER, REINHARD, US  
[72] DUAN, D. ROXANNE, US  
[72] SHI, YANGGU, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2003-02-12  
[86] 2001-01-17 (PCT/US2001/001397)  
[87] 2002-02-28 (WO2002/016389)  
[30] US (60/226,281) 2000-08-18

---

[21] **2,419,309**  
[13] A1  
[51] **Int.Cl. 7G02B 26/02**  
[25] EN  
[54] **METHOD OF ACTUATING MEMS SWITCHES**  
[54] **PROCEDE DE DECLENCHMENT DE COMMUTATEURS MEMS**  
[72] DUELLI, MARKUS, US  
[72] HICHTWA, BRYANT, US  
[72] FRIEDRICH, DONALD, US  
[71] JDS UNIPHASE CORPORATION, US  
[85] 2003-02-18  
[86] 2001-03-16 (PCT/US2001/008431)  
[87] 2002-09-26 (WO2002/075427)

---

[21] **2,419,310**  
[13] A1  
[51] **Int.Cl. 7A61K 31/445 7C07D 401/02 7C07D 413/02 7C07D 417/02 7C07D 211/06 7A61K 31/4523**  
[25] EN  
[54] **SUBSTITUTED PIPERIDINES AS MELANOCORTIN RECEPTOR AGONISTS**  
[54] **PIPERIDINES SUBSTITUEES EN TANT QU'AGONISTES DE RECEPTEURS DE LA MELANOCORTINE**  
[72] LAI, YINGJIE, US  
[72] BAKSHI, RAMAN K., US  
[72] BARAKAT, KHALED J., US  
[72] SEBHAT, IYASSU, US  
[72] PARK, MIN K., US  
[72] PALUCKI, BRENDA L., US  
[72] NARGUND, RAVI P., US  
[72] YE, ZHIXIONG, US  
[72] PATCHETT, ARTHUR A., US  
[71] MERCK & CO., INC., US  
[85] 2003-02-12  
[86] 2001-08-17 (PCT/US2001/025757)  
[87] 2002-02-28 (WO2002/015909)  
[30] US (60/227,180) 2000-08-23

---

[21] **2,419,314**  
[13] A1  
[51] **Int.Cl. 7C07D 239/70**  
[25] EN  
[54] **PREPARATION OF RISPERIDONE**  
[54] **PREPARATION DE RISPERIDONE**  
[72] DOLITZKY, BEN-ZION, IL  
[72] DILLER, DOV, IL  
[72] KROCHMAL, BARNABA, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES, LTD., IL  
[85] 2003-02-12  
[86] 2001-08-14 (PCT/US2001/025387)  
[87] 2002-02-21 (WO2002/014286)  
[30] US (60/225,361) 2000-08-14  
[30] US (60/243,263) 2000-10-25

## Demandes PCT entrant en phase nationale

---

[21] **2,419,319**  
[13] A1  
[51] **Int.Cl. 7H04R 25/00 7G10L 21/02 7A61F 2/18 7A61N 1/36**  
[25] EN  
[54] **SOUND-PROCESSING STRATEGY FOR COCHLEAR IMPLANTS**  
[54] **STRATEGIE DE TRAITEMENT DE SONS POUR IMPLANTS COCHLEAIRES**  
[72] MCDERMOTT, HUGH, AU  
[72] MCKAY, COLLETTE, AU  
[72] BLAMEY, PETER, AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[85] 2003-02-12  
[86] 2001-08-20 (PCT/AU2001/001027)  
[87] 2002-02-28 (WO2002/017678)  
[30] AU (PQ 9527) 2000-08-21

---

[21] **2,419,321**  
[13] A1  
[51] **Int.Cl. 7H04R 25/00 7A61F 11/04**  
[25] EN  
[54] **POWER EFFICIENT ELECTRICAL STIMULATION**  
[54] **STIMULATION ELECTRIQUE A CONSOMMATION OPTIMALE**  
[72] PARKER, JOHN, AU  
[72] PATRICK, JAMES, AU  
[71] COCHLEAR LIMITED, AU  
[85] 2003-02-12  
[86] 2001-08-21 (PCT/AU2001/001032)  
[87] 2002-02-28 (WO2002/017679)  
[30] AU (PQ 9528) 2000-08-21

---

[21] **2,419,322**  
[13] A1  
[51] **Int.Cl. 7C12N 15/67 7C12N 5/10 7C12N 1/21 7C12N 15/73 7C12N 15/82 7C12N 15/90**  
[25] EN  
[54] **ENHANCED HOMOLOGOUS RECOMBINATION MEDIATED BY LAMBDA RECOMBINATION PROTEINS**  
[54] **RENFORCEMENT DE LA RECOMBINAISON D'HOMOLOGUES PAR MEDIATION DES PROTEINES DE RECOMBINAISON LAMBDA**  
[72] COURT, DONALD L., US  
[72] YU, DAIGUAN, US  
[72] ELLIS, HILARY M., US  
[72] LEE, E-CHIANG, US  
[72] JENKINS, NANCY A., US  
[72] COPELAND, NEAL G., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2003-02-12  
[86] 2001-08-14 (PCT/US2001/025507)  
[87] 2002-02-21 (WO2002/014495)  
[30] US (60/225,164) 2000-08-14  
[30] US (60/271,632) 2001-02-26

---

[21] **2,419,323**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FACILITATING TRANSACTIONS INVOLVING DISTRIBUTION OF EQUIPMENT AND POST-INSTALLATION SUPPLY AND/OR SERVICE OF THE EQUIPMENT**  
[54] **SYSTEME ET PROCEDE FACILITANT DES TRANSACTIONS IMPLIQUANT LA DISTRIBUTION D'EQUIPEMENT ET L'APPROVISIONNEMENT ET/OU LE SERVICE DE L'EQUIPEMENT CONSECUTIFS A L'INSTALLATION**  
[72] HENDRICKX, LUC GUSTAAF ANNA MARIE C., BE  
[72] BADO, EMILE MICHEL, BE  
[72] PETERSSON, JOHAN GEORG URBAN, BE  
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE  
[85] 2003-02-12  
[86] 2001-08-16 (PCT/BE2001/000136)  
[87] 2002-02-21 (WO2002/015059)  
[30] US (09/640,276) 2000-08-17

---

[21] **2,419,329**  
[13] A1  
[51] **Int.Cl. 7G06F 17/10**  
[25] EN  
[54] **FAST COMPUTER DATA SEGMENTING TECHNIQUES**  
[54] **TECHNIQUES INFORMATIQUES RAPIDES DE SEGMENTATION DE DONNEES**  
[72] LAMBERT, CHRISTOPHE GERARD, US  
[72] HAWKINS, DOUGLAS MICHAEL, US  
[71] GOLDEN HELIX, INC., US  
[85] 2003-02-12  
[86] 2001-08-14 (PCT/US2001/025519)  
[87] 2002-03-21 (WO2002/023383)  
[30] US (60/225,113) 2000-08-14

---

[21] **2,419,379**  
[13] A1  
[51] **Int.Cl. 7A61L 27/34 7A61L 29/08 7A61L 31/10**  
[25] EN  
[54] **MEDICAMENT INCORPORATION MATRIX**  
[54] **MATRICE RENFERMANT UN MEDICAMENT**  
[72] EVERSON, TERRENCE P., US  
[72] CHUDZIK, STEPHEN J., US  
[72] AMOS, RICHARD A., US  
[71] SURMODICS, INC., US  
[85] 2003-02-14  
[86] 2001-07-09 (PCT/US2001/041309)  
[87] 2002-02-21 (WO2002/013871)  
[30] US (60/225,465) 2000-08-15

---

[21] **2,419,386**  
[13] A1  
[51] **Int.Cl. 7A44B 19/30 7B65D 50/00 7B42F 9/00 7B43M 1/00 7B65D 55/02 7G09F 3/03 7B65B 51/04 7B43M 5/04 7B65D 33/24 7B65D 33/34 7A44B 19/36**  
[25] EN  
[54] **SECURITY DEVICE**  
[54] **DISPOSITIF DE SECURITE**  
[72] HUDSON, BARRY, AU  
[71] TEBCO PTY LIMITED, CN  
[85] 2003-02-14  
[86] 2001-08-14 (PCT/AU2001/001009)  
[87] 2002-02-21 (WO2002/013650)  
[30] AU (PQ 9432) 2000-08-15

## PCT Applications Entering the National Phase

---

[21] **2,419,392**  
[13] A1  
[51] **Int.Cl. 7A61K 9/00 7G01N 33/00 7A61K 7/16 7A23G 3/30**  
[25] EN  
[54] **METHOD FOR PREPARATION OF CHEWING GUM WITH CUSTOMER ACCEPTABLE TASTE**  
[54] **PROCEDE DE PREPARATION D'UNE GOMME A MACHER AYANT UN GOUT AGREABLE POUR LE CONSOMMATEUR**  
[72] ANDERSEN, CARSTEN, DK  
[71] FERTIN PHARMA A/S, DK  
[85] 2003-02-14  
[86] 2001-08-14 (PCT/DK2001/000539)  
[87] 2002-02-21 (WO2002/013781)  
[30] DK (PA 2000 01209) 2000-08-14

---

[21] **2,419,418**  
[13] A1  
[51] **Int.Cl. 7A61K 39/39 7A61K 47/18 7A61K 39/29**  
[25] EN  
[54] **VACCINES CONTAINING RIBAVIRIN AND METHODS OF USE THEREOF**  
[54] **VACCINS CONTENANT DE LA RIBAVIRINE ET PROCEDES D'UTILISATION ASSOCIES**  
[72] SALLBERG, MATTI, SE  
[72] HULTGREN, CATHARINA, SE  
[71] TRIPEP AB, SE  
[85] 2003-02-14  
[86] 2001-08-15 (PCT/IB2001/001808)  
[87] 2002-02-21 (WO2002/013855)  
[30] US (60/225,767) 2000-08-17  
[30] US (60/229,175) 2000-08-29  
[30] US (09/705,547) 2000-11-03

---

[21] **2,419,423**  
[13] A1  
[51] **Int.Cl. 7A61K 47/48 7A61F 2/02**  
[25] EN  
[54] **CONJUGATES OF PEPTIDES AND PEPTIDE MIMETICS HAVING INTEGRIN INHIBITOR PROPERTIES**  
[54] **CONJUGUES PEPTIDIQUES ET CONJUGUES MIMETIQUES PEPTIDIQUES AYANT DES PROPRIETES D'INHIBITION D'INTEGRINE**  
[72] HOLZEMANN, GUNTER, DE  
[72] DARD, MICHEL, DE  
[72] KESSLER, HORST, DE  
[72] KANTLEHNER, MARTIN, DE  
[72] NIES, BERTHOLD, DE  
[72] HERSEL, ULRICH, DE  
[72] SULYOK, GABOR, DE  
[72] GIBSON, CHRISTOPH, DE  
[72] MEYER, JORG, DE  
[71] **MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE**  
[85] 2003-02-14  
[86] 2001-08-02 (PCT/EP2001/008932)  
[87] 2002-02-21 (WO2002/013872)  
[30] DE (100 40 105.8) 2000-08-17

---

[21] **2,419,437**  
[13] A1  
[51] **Int.Cl. 7B65D 81/34 7A47J 41/02**  
[25] EN  
[54] **INSULATED CONTAINER**  
[54] **CONTENEUR ISOTHERME**  
[72] FUJII, TAKAFUMI, JP  
[72] OTSUKA, EIJI, JP  
[71] **NIPPON SANSO CORPORATION, JP**  
[85] 2003-02-12  
[86] 2001-08-28 (PCT/JP2001/007361)  
[87] 2003-02-12 (WO2002/018232)  
[30] JP (2000-261956) 2000-08-30

---

[21] **2,419,443**  
[13] A1  
[51] **Int.Cl. 7F23N 5/12**  
[25] EN  
[54] **CONTROL METHOD FOR GAS BURNERS**  
[54] **PROCEDE DE REGULATION POUR BRULEURS A GAZ**  
[72] VROLIJK, ENNO J., NL  
[72] VEGTER, DERK, NL  
[71] **HONEYWELL B.V., NL**  
[85] 2003-02-12  
[86] 2001-08-14 (PCT/EP2001/009379)  
[87] 2003-02-12 (WO2002/014744)  
[30] DE (100 40 358.1) 2000-08-16

---

[21] **2,419,449**  
[13] A1  
[51] **Int.Cl. 7F16L 55/165**  
[25] EN  
[54] **METHOD FOR LINING A PIPE OR MAIN**  
[54] **PROCEDE D'ALIGNEMENT DE TUYAUX OU DE CONDUITES D'ADDITION**  
[72] PARKES, ADRIAN SYDNEY, GB  
[71] **LATTICE INTELLECTUAL PROPERTY LIMITED, GB**  
[85] 2003-02-12  
[86] 2001-08-13 (PCT/GB2001/003598)  
[87] 2002-02-21 (WO2002/014731)  
[30] GB (0020011.3) 2000-08-15

---

[21] **2,419,454**  
[13] A1  
[51] **Int.Cl. 7C07H 21/02 7A61K 38/00 7C07K 1/00 7A01N 63/00 7C12N 5/00 7C12N 15/00 7A01N 43/04 7C12P 21/04 7A61K 39/395 7C12Q 1/68**  
[25] EN  
[54] **REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF OSTEOPOROSIS**  
[54] **GENE REGULATEUR ET SYSTEME UTILISE DANS LE DIAGNOSTIC ET LE TRAITEMENT DE L'OSTEOPOROSE**  
[72] OLSEN, BJORN R., US  
[72] ROMAN-ROMAN, SERGIO, FR  
[72] RAWADI, GEORGES, FR  
[72] GONG, YAOQIN, FR  
[72] WARMAN, MATTHEW L., US  
[71] **PROSKELIA, FR**  
[71] **CASE WESTERN RESERVE UNIVERSITY, US**  
[71] **PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US**  
[85] 2003-02-17  
[86] 2001-08-17 (PCT/US2001/041788)  
[87] 2002-02-28 (WO2002/016553)  
[30] US (60/226,119) 2000-08-18  
[30] US (60/234,337) 2000-09-22  
[30] US (60/304,851) 2001-07-13

## Demandes PCT entrant en phase nationale

[21] **2,419,456**  
[13] A1  
[51] **Int.Cl. 7A61K 45/00**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR PRODUCING A NEUROSALUTARY EFFECT IN A SUBJECT**  
[54] **METHODES ET COMPOSITIONS UTILISEES POUR PROVOQUER UN EFFET BENEFIQUE SUR LE SYSTEME NERVEUX D'UN SUJET**  
[72] BENOWITZ, LARRY I., US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-07 (PCT/US2001/027691)  
[87] 2002-03-14 (WO2002/020056)  
[30] US (09/656,915) 2000-09-07

[21] **2,419,459**  
[13] A1  
[51] **Int.Cl. 7C07D 249/20**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF BENZOTRIAZOLES**  
[54] **PROCEDE DE PREPARATION DE BENZOTRIAZOLES**  
[72] FRITZSCHE, KATHARINA, DE  
[72] BORE, LOTHAR, DE  
[72] WOLF, WALTER, DE  
[72] FISCHER, WALTER, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2003-02-12  
[86] 2001-09-11 (PCT/EP2001/010478)  
[87] 2002-03-28 (WO2002/024668)  
[30] CH (1830/00) 2000-09-20

[21] **2,419,461**  
[13] A1  
[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7G01N 33/573**  
[25] EN  
[54] **MICROORGANISMS AND ASSAYS FOR THE IDENTIFICATION OF ANTIBIOTICS**  
[54] **MICRO-ORGANISMES ET ESSAIS POUR L'IDENTIFICATION D'ANTIBIOTIQUES**  
[72] YOCUM, R. ROGERS, US  
[72] PATTERSON, THOMAS A., US  
[71] OMNIGENE BIOPRODUCTS, INC., US  
[85] 2003-02-21  
[86] 2001-08-24 (PCT/US2001/026531)  
[87] 2002-02-28 (WO2002/016601)  
[30] US (60/227,860) 2000-08-24  
[30] US (09/813,453) 2001-03-20

[21] **2,419,486**  
[13] A1  
[51] **Int.Cl. 7F24D 5/10**  
[25] EN  
[54] **RADIANT HEATING SYSTEM PIPE MOUNTING PLATE**  
[54] **PLATINE DE MONTAGE DE TUBE POUR SYSTEME DE CHAUFFAGE PAR RAYONNEMENT**  
[72] FITZEMEYER, MICHAEL, US  
[71] FITZEMEYER, MICHAEL, US  
[85] 2003-02-12  
[86] 2001-08-15 (PCT/US2001/025508)  
[87] 2002-02-21 (WO2002/014747)  
[30] US (09/639,241) 2000-08-15

[21] **2,419,503**  
[13] A1  
[51] **Int.Cl. 7C07K 19/00 7C12Q 1/02 7A01K 67/033 7C12N 5/10 7G01N 33/566 7C12N 15/62**  
[25] EN  
[54] **PROTEIN MONITORING THE ACTIVITY OF LOW-MOLECULAR WEIGHT GTP-BINDING PROTEIN**  
[54] **SURVEILLANCE PROTEIQUE DE L'ACTIVITE DE LA PROTEINE DE LIAISON GTP DE BAS POIDS MOLECULAIRE**  
[72] MATSUDA, MICHYUKI, JP  
[71] MATSUDA, MICHYUKI, JP  
[85] 2003-02-14  
[86] 2001-08-13 (PCT/JP2001/006967)  
[87] 2003-02-14 (WO2002/014373)  
[30] JP (2000-245910) 2000-08-14  
[30] JP (PCT/JP01/00631) 2001-01-31  
[30] JP (PCT/JP01/04421) 2001-05-25

[21] **2,419,507**  
[13] A1  
[51] **Int.Cl. 7F04D 15/00 7F04D 3/00 7F04D 13/06**  
[25] EN  
[54] **METHOD FOR CONTROLLING AN ASSIST PUMP FOR FLUID DELIVERY SYSTEMS WITH PULSATILE PRESSURE**  
[54] **PROCEDE POUR REGULER UNE POMPE D'ASSISTANCE POUR DES SYSTEMES DE REFOULEMENT DE FLUIDE A PRESSION PULSEE**  
[72] GRAICHEN, KURT, DE  
[72] HOFFMANN, JAN, DE  
[72] GOTTEL, PETER, DE  
[72] DEUS, FRANK, DE  
[72] ARNDT, ANDREAS, DE  
[72] MERKEL, TOBIAS, DE  
[72] MULLER, JOHANNES, DE  
[72] NUSSER, PETER, DE  
[71] BERLIN HEART AG, DE  
[85] 2003-02-12  
[86] 2002-04-26 (PCT/EP2002/004688)  
[87] 2003-02-12 (WO2002/088547)  
[30] DE (101 23 139.3) 2001-04-30

[21] **2,419,513**  
[13] A1  
[51] **Int.Cl. 7A61M 1/36**  
[25] EN  
[54] **BLOOD CIRCUIT FOR A DIALYSIS MACHINE AND CORRESPONDING DIALYSIS MACHINE**  
[54] **CIRCUIT DU SANG D'UN DIALYSEUR ET DIALYSEUR CORRESPONDANT**  
[72] DELNEVO, ANNALISA, IT  
[72] LODI, CARLO ALBERTO, IT  
[71] GAMBRO LUNDIA AB, SE  
[85] 2003-02-12  
[86] 2002-05-30 (PCT/IB2002/001953)  
[87] 2002-12-27 (WO2002/102440)  
[30] IT (TO01A000583) 2001-06-15

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,419,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/36</b> [25] EN [54] <b>METHOD AND DEVICE FOR SENSING THE DETACHMENT OF THE VENOUS NEEDLE FROM A PATIENT DURING DIALYSIS</b> [54] <b>PROCEDE ET DISPOSITIF POUR DETECTER LA SORTIE DE L'AIGUILLE DE LA VEINE D'UN PATIENT PENDANT UNE DIALYSE</b> [72] CANINI, ENRICO, IT [72] PAOLINI, FRANCESCO, IT [72] LODI, CARLO ALBERTO, IT [71] GAMBRO LUNDIA AB, SE [85] 2003-02-12 [86] 2002-05-30 (PCT/IB2002/001954) [87] 2002-12-27 (WO2002/102441) [30] IT (TO01A000583) 2001-06-15 [30] IT (TO01A000582) 2001-06-15</p>	<p style="text-align: right;">[21] <b>2,419,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F27B 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS FOR COOLING A MATERIAL</b> [54] <b>PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN MATERIAU</b> [72] AHVENAINEN, ARTO, FI [71] ANDRITZ OY, FI [85] 2003-02-12 [86] 2001-08-07 (PCT/FI2001/000699) [87] 2002-02-21 (WO2002/014752) [30] FI (20001828) 2000-08-18</p>	<p style="text-align: right;">[21] <b>2,419,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 231/00 7A61P 37/00 7C07D 231/12 7A61K 31/415 7A61K 31/437</b> [25] EN [54] <b>SUBSTITUTED PYRAZOLES</b> [54] <b>PYRAZOLES SUBSTITUES</b> [72] KHATUYA, HARIPADA, US [72] MEDUNA, STEVEN P., US [72] PIO, BARBARA A., US [72] GUSTIN, DARIN J., US [72] BREITENBUCHER, J. GUY, US [72] CAI, HUI, US [72] WEI, JIANMEI, US [72] TAYS, KEVIN L., US [72] EDWARDS, JAMES P., US [72] GRICE, CHERYL A., US [71] ORTHO MCNEIL PHARMACEUTICAL, INC., US [85] 2003-02-13 [86] 2001-08-10 (PCT/US2001/025289) [87] 2002-02-21 (WO2002/014314) [30] US (60/225,138) 2000-08-14 [30] US (09/928,122) 2001-08-10</p>
<p style="text-align: right;">[21] <b>2,419,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 3/00</b> [25] EN [54] <b>SIGNALING INFORMATION COMPRESSION</b> [54] <b>COMPRESSION D'INFORMATIONS DE SIGNALISATION</b> [72] HEVDELI, YAIR, IL [72] LITVAK, OLEG, IL [71] ECI TELECOM LTD., IL [85] 2003-02-13 [86] 2001-08-14 (PCT/IL2001/000755) [87] 2002-02-21 (WO2002/015599) [30] IL (137864) 2000-08-15</p>	<p style="text-align: right;">[21] <b>2,419,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/52 7C07D 313/00 7C12N 9/00 7C12P 17/06 7C07H 17/08 7C12N 9/10 7C12N 1/21 7C07D 309/30 7C12P 19/62</b> [25] EN [54] <b>POLYKETIDES AND THEIR SYNTHESIS</b> [54] <b>POLYCETIDES ET LEUR SYNTHESE</b> [72] PETKOVIC, HRVOJE, GB [72] LEADLAY, PETER FRANCIS, GB [72] KENDREW, STEVEN GARY, GB [71] BIOTICA TECHNOLOGY LIMITED, GB [85] 2003-02-13 [86] 2001-08-14 (PCT/GB2001/003642) [87] 2002-02-21 (WO2002/014482) [30] GB (0019986.9) 2000-08-14</p>	<p style="text-align: right;">[21] <b>2,419,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/24 7C12N 5/10 7C12N 1/19 7C12N 1/21 7C07K 16/24 7A61K 39/395 7C07K 14/54 7C12N 15/62 7G01N 33/68 7A61K 31/7088</b> [25] EN [54] <b>INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS</b> [54] <b>POLYPEPTIDES D'INTERLEUKINE-22, ACIDES NUCLEIQUES CODANT POUR LESDITS POLYPEPTIDES ET METHODE PERMETTANT DE TRAITER LES AFFECTIONS PANCREATIQUES</b> [72] XIE, MING-HONG, US [72] AGGARWAL, SUDEEPTA, US [72] GURNEY, AUSTIN L., US [72] MARUOKA, ELLEN M., US [72] WOOD, WILLIAM I., US [72] FOSTER, JESSICA S., US [72] GODDARD, AUDREY, US [71] GENENTECH, INC., US [85] 2003-02-18 [86] 2001-05-30 (PCT/US2001/017443) [87] 2002-02-28 (WO2002/016611) [30] US (PCT/US00/23328) 2000-08-24</p>
<p style="text-align: right;">[21] <b>2,419,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>COMMUNICATION SYSTEM AND METHOD PROVIDING A MODE SELECTION PROCEDURE</b> [54] <b>SYSTEME DE COMMUNICATION ET PROCEDE D'ELABORATION D'UNE PROCEDURE DE SELECTION DE MODES</b> [72] HURTTA, TUIJA, FI [72] PUUSKARI, MIKKO, FI [72] HAMITI, SHKUMBIN, FI [72] GREIS, MARC, FI [72] JAPPINEN, TEEMU, FI [72] HAUMONT, SERGE, FI [71] NOKIA CORPORATION, FI [85] 2003-02-13 [86] 2000-08-14 (PCT/EP2000/007932) [87] 2002-02-21 (WO2002/015625)</p>	<p style="text-align: right;">[21] <b>2,419,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/02 7H04B 10/18</b> [25] EN [54] <b>OPTICAL TRANSMISSION SYSTEM</b> [54] <b>SYSTEME DE TRANSMISSION OPTIQUE</b> [72] POTI, LUCA, IT [72] BOGONI, ANTONELLA, IT [71] MARCONI COMMUNICATIONS SPA, IT [85] 2003-02-13 [86] 2001-08-02 (PCT/IB2001/001709) [87] 2002-02-21 (WO2002/015450) [30] IT (TO2000A000809) 2000-08-18</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,419,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/42 7H04J 3/14</b> [25] EN [54] <b>DETECTING AND COUNTING NODE PORT LOOP INITIALIZATION ORIGINATION</b> [54] <b>DETECTION ET COMPTAGE D'INITIALISATIONS DE BOUCLE D'ACCES DE NOEUD</b> [72] XUE, QING, US [72] HASHEMI, HOSSEIN, US [72] SU, SAM, US [71] EMULEX CORPORATION, US [85] 2003-02-12 [86] 2001-08-16 (PCT/US2001/025667) [87] 2002-02-21 (WO2002/015487) [30] US (09/640,564) 2000-08-16</p>	<p style="text-align: right;">[21] <b>2,419,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 7/00</b> [25] EN [54] <b>.ALPHA.7 NICOTINIC RECEPTOR PEPTIDES AS LIGANDS FOR .BETA. AMYLOID PEPTIDES</b> [54] <b>PEPTIDES RECEPTEURS NICOTINIQUES .ALPHA.7 SERVANT DE LIGANDS POUR LES PEPTIDES BETA-AMYLOIDES</b> [72] PLATA-SALAMAN, CARLOS, US [72] WANG, HOAU-YAN, US [72] LEE, DANIEL H. S., US [72] REITZ, ALLEN B., US [71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US [85] 2003-02-13 [86] 2001-08-14 (PCT/US2001/025410) [87] 2002-02-21 (WO2002/014351) [30] US (60/225,048) 2000-08-14</p>	<p style="text-align: right;">[21] <b>2,419,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08B 5/22</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DISPLAYING ADVERTISING INDICIA ON A WIRELESS DEVICE</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'AFFICHER DES INDICATIONS PUBLICITAIRES SUR UN DISPOSITIF SANS FIL</b> [72] WON, JAMES, US [72] KHOSHBIN, HOUSH, US [71] ADBEEP.COW, LLC, US [85] 2003-02-13 [86] 2001-08-02 (PCT/US2001/024326) [87] 2002-02-21 (WO2002/015138) [30] US (09/638,825) 2000-08-14</p>
<p style="text-align: right;">[21] <b>2,419,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/12</b> [25] EN [54] <b>WIDE-RANGE TOC INSTRUMENT USING PLASMA OXIDATION</b> [54] <b>INSTRUMENT DE MESURE DE CARBONE ORGANIQUE TOTAL A LARGE GAMME FAISANT INTERVENIR L'OXYDATION DE PLASMA</b> [72] NAATZ, ULF W., DE [72] STILLIAN, JOHN, US [72] YAMAMORI, YASUO, US [72] ASANO, TSUTOMO, JP [71] ANATEL CORPORATION, US [85] 2003-02-13 [86] 2001-08-14 (PCT/US2001/025348) [87] 2002-02-21 (WO2002/014855) [30] US (60/224,511) 2000-08-14</p>	<p style="text-align: right;">[21] <b>2,419,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 1/32</b> [25] EN [54] <b>SERIALIZED ORIGINAL PRINT</b> [54] <b>TIRAGES ORIGINAUX NUMEROTES</b> [72] CURRANS, KEVIN G., US [71] HEWLETT-PACKARD COMPANY, US [85] 2003-02-13 [86] 2001-08-14 (PCT/US2001/025495) [87] 2002-02-21 (WO2002/015562) [30] US (09/641,618) 2000-08-17</p>	<p style="text-align: right;">[21] <b>2,419,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 20/00 7H03M 13/09</b> [25] EN [54] <b>LOW LATENCY DATA ENCODER</b> [54] <b>CODEUR DE DONNEES A FAIBLE LATENCE</b> [72] VERNON, STEPHEN D., US [72] TRUMAN, MICHAEL M., US [72] GUNDRY, KENNETH J., US [72] SMITHERS, MICHAEL J., US [71] DOLBY LABORATORIES LICENSING CORPORATION, US [85] 2003-02-13 [86] 2001-08-06 (PCT/US2001/025105) [87] 2002-02-21 (WO2002/015410) [30] US (09/639,012) 2000-08-15</p>
	<p style="text-align: right;">[21] <b>2,419,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/02</b> [25] EN [54] <b>OPTICAL SWITCH ROUTER</b> [54] <b>ROUTEUR A COMMUTATEUR OPTIQUE</b> [72] SCHOFIELD, BRUCE A., US [72] LUCIANI, JAMES V., US [72] CRAREN, MICHAEL J., US [71] NORTEL NETWORKS LIMITED, CA [85] 2003-02-13 [86] 2001-08-15 (PCT/US2001/025520) [87] 2002-02-21 (WO2002/015451) [30] US (60/225,594) 2000-08-15</p>	<p style="text-align: right;">[21] <b>2,419,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 231/00 7C07D 471/00 7C07D 519/00 7A61P 29/00 7A61P 11/06 7A61K 31/437</b> [25] EN [54] <b>SUBSTITUTED PYRAZOLES</b> [54] <b>PYRAZOLES SUBSTITUES</b> [72] CAI, HUI, US [72] PIO, BARBARA A., US [72] MEDUNA, STEVEN P., US [72] EDWARDS, JAMES P., US [72] WEI, JIANMEL, US [71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US [85] 2003-02-13 [86] 2001-08-10 (PCT/US2001/025180) [87] 2002-02-21 (WO2002/014317) [30] US (60/225,178) 2000-08-14 [30] US (09/927,188) 2001-08-10</p>

## PCT Applications Entering the National Phase

[21] **2,419,551**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **ASSAY METHOD AND DEVICE FOR DETECTING THE PRESENCE AND CONCENTRATION OF ANALYTES**  
[54] **PROCEDE ET DISPOSITIF DE DOSAGE PERMETTANT DE DETERMINER LA PRESENCE ET LA CONCENTRATION D'ANALYTES TOUT EN EMPECHANT L'ADSORPTION DES ANALYTES PAR DES MATIERES SOLIDES UTILISEES DANS LE DOSAGE**  
[72] LIANG, GREG, US  
[72] FOLEY, THOMAS, US  
[71] LIFEPOINT, INC., US  
[85] 2003-02-13  
[86] 2001-08-09 (PCT/US2001/025262)  
[87] 2002-02-21 (WO2002/014869)  
[30] US (09/640,615) 2000-08-17

[21] **2,419,552**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 231/00 7C07D 471/00 7C07D 498/00 7C07D 519/00 7A61P 29/00 7A61P 11/06 7C07D 413/14 7C07D 471/14 7A61K 31/437**  
[25] EN  
[54] **SUBSTITUTED PYRAZOLES**  
[54] **PYRAZOLES SUBSTITUTES**  
[72] PIO, BARBARA A., US  
[72] KHATUYA, HARIPADA, US  
[72] MEDUNA, STEVEN P., US  
[72] TAYS, KEVIN L., US  
[72] GRICE, CHERYL A., US  
[72] EDWARDS, JAMES P., US  
[72] BUTLER, CHRISTOPHER R., US  
[72] CAI, HUI, US  
[72] SEHON, CLARK A., US  
[72] GUSTIN, DARIN J., US  
[72] WEI, JIANMEI, US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2003-02-13  
[86] 2001-08-10 (PCT/US2001/025290)  
[87] 2002-02-21 (WO2002/014315)  
[30] US (60/225,178) 2000-08-14  
[30] US (09/927,324) 2001-08-10

[21] **2,419,553**  
[13] A1

[51] **Int.Cl. 7H04Q 7/22 7H04L 29/06 7H04L 29/08 7H04L 12/18 7H04L 12/28**  
[25] EN  
[54] **HANDOFF BETWEEN A NARROWCAST CELLULAR COMMUNICATION NETWORK AND A POINT-TO-POINT CELLULAR COMMUNICATION NETWORK**  
[54] **TRANSFERT D'ABONNE A UN SERVICE DE COMMUNIQUE ENTRE UN RESEAU DE COMMUNICATION CELLULAIRE A DIFFUSION RESTREINTE ET UN RESEAU DE COMMUNICATION CELLULAIRE POINT A POINT**  
[72] GRAZIANO, JAMES M., US  
[72] MCKENNA, DANIEL B., US  
[71] VESUVIUS, INC., US  
[85] 2003-02-12  
[86] 2001-08-13 (PCT/US2001/025325)  
[87] 2002-02-21 (WO2002/015606)  
[30] US (09/638,744) 2000-08-14  
[30] US (09/902,887) 2001-07-11

[21] **2,419,554**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **ASSURED PRINTING OF DOCUMENTS OF VALUE**  
[54] **IMPRESSION SECURISEE DE DOCUMENTS PRECIEUX**  
[72] CURRANS, KEVIN G., US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2003-02-13  
[86] 2001-08-14 (PCT/US2001/025559)  
[87] 2002-02-21 (WO2002/015516)  
[30] US (09/641,929) 2000-08-17

[21] **2,419,555**  
[13] A1

[51] **Int.Cl. 7A01N 25/00**  
[25] EN  
[54] **FISH HATCHING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE PISCICULTURE**  
[72] HULL, EUGENE, US  
[72] SHEDD, TOMMY R., US  
[72] WIDDER, MARK W., US  
[71] U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND, US  
[85] 2003-02-13  
[86] 2001-08-16 (PCT/US2001/025657)  
[87] 2002-02-21 (WO2002/013598)  
[30] US (60/225,788) 2000-08-17

[21] **2,419,558**  
[13] A1

[51] **Int.Cl. 7H05B 6/02 7H05B 6/36**  
[25] EN  
[54] **DEVICE FOR INDUCTIVELY HEATING METALLIC STRIPS**  
[54] **DISPOSITIF POUR CHAUFFER DES BANDES METALLIQUES PAR INDUCTION**  
[72] SCHLUCKEBIER, DIETER, DE  
[71] OTTO JUNKER GMBH, DE  
[85] 2003-02-13  
[86] 2001-08-28 (PCT/DE2001/003208)  
[87] 2003-02-13 (WO2002/019773)  
[30] DE (100 42 454.6) 2000-08-29

[21] **2,419,559**  
[13] A1

[51] **Int.Cl. 7A61B 7/04 7A61B 5/021**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESTIMATING PULMONARY ARTERY PRESSURE**  
[54] **PROCEDE ET APPAREIL D'ESTIMATION DE PRESSION SYSTOLIQUES ET DES PRESSION ARTERIELLE PULMONAIRE MOYENNE D'UN PATIENT**  
[72] PIBAROT, PHILIPPE, CA  
[72] DURAND, LOUIS-GILLES, CA  
[72] XU, JINGPING, CA  
[71] INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL, CA  
[71] UNIVERSITE LAVAL, CA  
[85] 2003-02-13  
[86] 2001-08-29 (PCT/CA2001/001238)  
[87] 2002-03-14 (WO2002/019911)  
[30] US (09/658,631) 2000-09-08

[21] **2,419,566**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **AUTOMATED PAYMENT SYSTEM**  
[54] **SYSTEME AUTOMATISE DE PAIEMENT**  
[72] KERN, DANIEL, A., US  
[71] KERN, DANIEL, A., US  
[85] 2003-02-13  
[86] 2001-08-17 (PCT/US2001/025888)  
[87] 2002-02-21 (WO2002/014985)  
[30] US (09/641,073) 2000-08-17

## Demandes PCT entrant en phase nationale

[21] **2,419,571**  
[13] A1  
[51] **Int.Cl. 7H04N 7/18 7H04N 7/173**  
[25] EN  
[54] **CAPACITY SCALING AND FUNCTIONAL ELEMENT REDISTRIBUTION WITHIN AN IN-BUILDING COAX CABLE INTERNET ACCESS SYSTEM**  
[54] **EXTENSION DE LA CAPACITE ET REDISTRIBUTION DES ELEMENTS FONCTIONNELS DANS UN SYSTEME D'ACCES A INTERNET PAR CABLE COAXIAL SITUE DANS UN BATIMENT**  
[72] HALES, JEFFREY A., US  
[72] TERRY, JOHN B. (DECEASED), US  
[71] COAXMEDIA, INC, US  
[85] 2003-02-12  
[86] 2001-08-21 (PCT/US2001/026068)  
[87] 2002-02-28 (WO2002/017041)  
[30] US (60/226,505) 2000-08-21

[21] **2,419,574**  
[13] A1  
[51] **Int.Cl. 7C08G 63/91 7C08L 3/00 7B32B 27/06**  
[25] EN  
[54] **BIODEGRADABLE POLYMER FILMS AND SHEETS SUITABLE FOR USE AS LAMINATE COATINGS AS WELL AS WRAPS AND OTHER PACKAGING MATERIALS**  
[54] **FILMS ET FEUILLES DE POLYMERES BIODEGRADABLE UTILISABLES COMME REVETEMENTS STRATIFIES, EMBALLAGE OU COMME AUTRES MATERIAUX D'EMBALLAGE**  
[72] KHEMANI, KISHAN, US  
[72] SCHMIDT, HARALD, DE  
[72] HODSON, SIMON K., US  
[72] ANDERSEN, PER JUST, US  
[71] E. KHASHOGGI INDUSTRIES, LLC, US  
[85] 2003-02-13  
[86] 2001-03-28 (PCT/US2001/010052)  
[87] 2002-02-28 (WO2002/016468)  
[30] US (09/648,471) 2000-08-23

[21] **2,419,576**  
[13] A1  
[51] **Int.Cl. 7G01J 3/46 7B29C 47/00 7B01F 15/04**  
[25] EN  
[54] **ON-LINE COLOR MEASUREMENT SYSTEM FOR COOLED PRODUCT**  
[54] **SYSTEME DE MESURE DE COULEUR EN LIGNE DESTINE A UN PRODUIT REFROIDI**  
[72] RAJAMANI, RAVI, US  
[72] HANAGANDI, VIJAY KUMAR M., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2003-02-13  
[86] 2001-06-15 (PCT/US2001/019416)  
[87] 2002-02-28 (WO2002/016892)  
[30] US (09/643,245) 2000-08-22

[21] **2,419,579**  
[13] A1  
[51] **Int.Cl. 7C05C 9/02 7C08G 12/04 7C08G 12/12**  
[25] EN  
[54] **CONTROLLED RELEASE UREA-FORMALDEHYDE LIQUID FERTILIZER RESINS**  
[54] **RESINES LIQUIDES A BASE D'UREE FORMALDEHYDE A LIBERATION CONTROLEE UTILISEES COMME ENGRAIS**  
[72] GABRIELSON, KURT D., US  
[71] GEORGIA PACIFIC RESINS, INC., US  
[85] 2003-02-13  
[86] 2001-08-10 (PCT/US2001/024992)  
[87] 2002-02-28 (WO2002/016458)  
[30] US (60/226,677) 2000-08-22  
[30] US (09/923,794) 2001-08-08

[21] **2,419,580**  
[13] A1  
[51] **Int.Cl. 7C07C 237/00**  
[25] EN  
[54] **INTEGRIN RECEPTOR INHIBITORS**  
[54] **INHIBITEURS DE RECEPTEURS D'INTEGRINE**  
[72] STANLEY, MARK S., US  
[72] REYNOLDS, MARK E., US  
[72] SUTHERLIN, DANIEL P., US  
[72] RAWSON, THOMAS E., US  
[72] JACKSON, DAVID Y., US  
[72] ARTIS, DEAN R., US  
[71] GENENTECH INC., US  
[85] 2003-02-13  
[86] 2001-08-16 (PCT/US2001/025865)  
[87] 2002-02-28 (WO2002/016313)  
[30] US (60/226,626) 2000-08-18

[21] **2,419,582**  
[13] A1  
[51] **Int.Cl. 7B24B 31/10 7G02C 13/00 7B24B 31/02 7G02B 7/02 7B24B 41/06 7B24B 31/12**  
[25] EN  
[54] **DRY POLISHING OF INTRAOCULAR LENSES**  
[54] **POLISSAGE A SEC DE LENTILLES INTRAOCULAIRES**  
[72] NANDU, MAHENDRA P., US  
[72] AYYAGARI, MADHU, US  
[71] BAUSCH & LOMB, INCORPORATED, US  
[85] 2003-02-13  
[86] 2001-08-17 (PCT/US2001/025720)  
[87] 2002-02-28 (WO2002/016077)  
[30] US (09/642,349) 2000-08-21

[21] **2,419,584**  
[13] A1  
[51] **Int.Cl. 7C25B 1/26**  
[25] EN  
[54] **PROCESS FOR THE ELECTROLYSIS OF TECHNICAL-GRADE HYDROCHLORIC ACID CONTAMINATED WITH ORGANIC SUBSTANCES USING OXYGEN-CONSUMING CATHODES**  
[54] **PROCESS FOR THE ELECTROLYSIS OF TECHNICAL-GRADE HYDROCHLORIC ACID CONTAMINATED WITH ORGANIC SUBSTANCES USING OXYGEN-CONSUMING CATHODES**  
[72] ALLEN, ROBERT J., US  
[72] GIALLOMBARDO, JAMES R., US  
[72] DE CASTRO, EMORY S., US  
[72] CZERWIEC, DANIEL, US  
[72] SHAIKH, KHALEDA, US  
[72] SPEER, GERD, DE  
[72] GESTERMANN, FRITZ, DE  
[72] PINTER, HANS-DIETER, DE  
[71] DE NORA ELETTRUDI S.P.A., IT  
[71] BAYER AG, DE  
[85] 2003-02-13  
[86] 2001-08-31 (PCT/EP2001/010068)  
[87] 2002-03-07 (WO2002/018675)  
[30] US (09/654,553) 2000-09-01



## PCT Applications Entering the National Phase

---

[21] **2,419,585**  
[13] A1  
[51] **Int.Cl. 7G01N 21/952 7B23K 9/095 7G01N 21/55**  
[25] EN  
[54] **METHOD FOR WELD SEAM TESTING AND DEVICE THEREFORE**  
[54] **PROCEDE DE VERIFICATION DES JOINTS DE SOUDURE ET DISPOSITIF ASSOCIE**  
[72] FRITZ, EBERHARD, DE  
[72] PHILLIPPS, GERD, DE  
[71] AEA TECHNOLOGY QSA GMBH, DE  
[85] 2003-02-13  
[86] 2001-10-02 (PCT/EP2001/011424)  
[87] 2002-04-11 (WO2002/029394)  
[30] EP (00121238.0) 2000-10-02

---

[21] **2,419,592**  
[13] A1  
[51] **Int.Cl. 7A61K 9/20 7A61K 31/415 7A61K 31/635**  
[25] EN  
[54] **RAPIDLY DISINTEGRATING ORAL FORMULATION OF A CYCLOOXYGENASE-2 INHIBITOR**  
[54] **PREPARATION ORALE A DESINTEGRATION RAPIDE D'UN INHIBITEUR DE LA CYCLOOXYGENASE-2**  
[72] KARARLI, TUGRUL T., US  
[72] KONTNY, MARK J., US  
[72] LE, TRANG T., US  
[71] PHARMACIA CORPORATION, US  
[85] 2003-02-13  
[86] 2001-08-17 (PCT/US2001/025762)  
[87] 2002-02-28 (WO2002/015884)  
[30] US (60/226,487) 2000-08-18

---

[21] **2,419,593**  
[13] A1  
[51] **Int.Cl. 7A61F 13/00**  
[25] EN  
[54] **FLEXIBLE SUPPORT FOR GEL WRAPS**  
[54] **SUPPORT SOUPLE POUR BANDAGES D'APPLICATION DE GEL**  
[72] LEICHT, EDWARD C., US  
[72] BINDER, DAVID M., US  
[72] BINDER, WILLIAM J., US  
[72] KIMBALL, WILLIAM H., US  
[71] GELZONE, INC., US  
[85] 2003-02-13  
[86] 2001-08-17 (PCT/US2001/025715)  
[87] 2002-02-28 (WO2002/015817)  
[30] US (60/226,602) 2000-08-21

---

[21] **2,419,597**  
[13] A1  
[51] **Int.Cl. 7A61K 47/48 7A61P 31/00**  
[25] EN  
[54] **SOLUTION OF AN OXAZOLIDINONE ANTIBIOTIC DRUG**  
[54] **COMPOSITION DE SOLUTION D'UN MEDICAMENT ANTIBIOTIQUE A BASE D'OXAZOLIDINONE PRESENTANT UNE CHARGE DE MEDICAMENT AMELIOREE**  
[72] SIMS, SANDRA M., US  
[71] PHARMACIA CORPORATION, US  
[85] 2003-02-13  
[86] 2001-08-20 (PCT/US2001/025932)  
[87] 2002-02-28 (WO2002/015940)  
[30] US (60/226,846) 2000-08-22  
[30] US (60/285,347) 2001-04-20

---

[21] **2,419,598**  
[13] A1  
[51] **Int.Cl. 7H05B 3/06 7H05B 3/02**  
[25] EN  
[54] **SUPPORT CLIPS AND INSULATORS FOR USE IN ELECTRIC HEATERS AND ELECTRIC HEATERS CONTAINING SAME**  
[54] **ATTACHE SUPPORT ET ISOLATEURS DESTINES A DES RADIATEURS ELECTRIQUES ET RADIATEURS ELECTRIQUES CONTENANT CEUX-CI**  
[72] WALKER, IKE, US  
[72] SHERRILL, JAMES, US  
[72] HOWARD, KEITH, US  
[71] TUTCO, INC., US  
[85] 2003-02-12  
[86] 2001-08-22 (PCT/US2001/026077)  
[87] 2002-02-28 (WO2002/017685)  
[30] US (60/226,876) 2000-08-23  
[30] US (60/234,236) 2000-09-21  
[30] US (09/827,323) 2001-04-06

---

[21] **2,419,600**  
[13] A1  
[51] **Int.Cl. 7G06F 17/50**  
[25] EN  
[54] **METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR DETERMINING PROPERTIES OF COMBINATORIAL LIBRARY PRODUCTS FROM FEATURES OF LIBRARY BUILDING BLOCKS**  
[54] **PROCEDE, SYSTEME ET PROGICIEL SERVANT A DETERMINER DES PROPRIETES DE PRODUITS D'UNE BIBLIOTHEQUE COMBINATOIRE A PARTIR D'ELEMENTS DE MODULES DE BIBLIOTHEQUE**  
[72] AGRAFIOTIS, DIMITRIS K., US  
[72] SALEMME, FRANCIS R., US  
[72] LOBANOV, VICTOR S., US  
[71] 3-DIMENSIONAL PHARMACEUTICALS, INC., US  
[85] 2003-02-13  
[86] 2001-08-22 (PCT/US2001/026144)  
[87] 2002-02-28 (WO2002/017149)  
[30] US (60/226,682) 2000-08-22  
[30] US (60/235,937) 2000-09-28  
[30] US (60/274,238) 2001-03-09

---

[21] **2,419,605**  
[13] A1  
[51] **Int.Cl. 7B03B 5/00 7B03B 5/52**  
[25] EN  
[54] **UNITARILY-FORMED GRIT CLASSIFIER TANK AND BEARING**  
[54] **RESERVOIR DE SEPARATION DE PARTICULES CONSTITUANT UN SEUL ENSEMBLE ET COUSSINET**  
[72] BANDIS, STEVEN D., US  
[71] ENVIROTECH PUMPSYSTEMS, INC., US  
[85] 2003-02-12  
[86] 2001-08-28 (PCT/US2001/041926)  
[87] 2002-03-07 (WO2002/018028)  
[30] US (09/652,879) 2000-08-31

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,419,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/00</b> [25] EN [54] <b>LUNG SURFACTANT COMPOSITIONS WITH DYNAMIC SWELLING BEHAVIOUR</b> [54] <b>COMPOSITIONS TENSIOACTIVES PULMONAIRES A DILATATION DYNAMIQUE</b> [72] LARSSON, MARCUS, SE [72] WOLLMER, PER, SE [72] LARSSON, KARE, SE [72] LACHMANN, BURKHARD, NL [72] HAITSMA, JOHANNES JACOBUS, NL [71] LARSSON, MARCUS, SE [71] WOLLMER, PER, SE [71] LARSSON, KARE, SE [71] LACHMANN, BURKHARD, NL [71] HAITSMA, JOHANNES JACOBUS, NL [85] 2003-02-13 [86] 2001-08-31 (PCT/IB2001/001609) [87] 2002-03-07 (WO2002/017878) [30] DK (PA 20000 01301) 2000-09-01</p>	<p style="text-align: right;">[21] <b>2,419,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 81/34 7B65D 81/24 7B65D 65/28</b> [25] EN [54] <b>PACKAGING MATERIAL AND PACKAGING PRODUCT</b> [54] <b>MATERIAU D'EMBALLAGE ET PRODUIT D'EMBALLAGE</b> [72] TAKAHASHI, SAKARU, JP [72] INAGAKI, HIROMICHI, JP [71] PLAST CORPORATION, JP [71] INAGAKI, HIROMICHI, JP [85] 2003-02-13 [86] 2001-04-25 (PCT/JP2001/003563) [87] 2003-02-13 (WO2001/081201) [30] JP (2000/125673) 2000-04-26 [30] JP (2000/376229) 2000-12-11</p>	<p style="text-align: right;">[21] <b>2,419,629</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 49/10</b> [25] EN [54] <b>MRI IMAGE ENHANCEMENT COMPOSITIONS</b> [54] <b>COMPOSITIONS AMELIORANT LES IMAGES IRM</b> [72] PERKINS, CHRISTOPHER MARK, US [72] KITKO, DAVID JONATHAN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2003-02-13 [86] 2001-09-19 (PCT/US2001/029256) [87] 2002-04-04 (WO2002/026267) [30] US (60/235,011) 2000-09-25</p>
<p style="text-align: right;">[21] <b>2,419,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>DYNAMIC QUALITY ADJUSTMENT BASED ON CHANGING STREAMING CONSTRAINTS</b> [54] <b>AFFINEMENT DYNAMIQUE DE LA QUALITE BASE SUR LA MODIFICATION DES CONTRAINTES DE FLUX</b> [72] PAWSON, DAVID J., US [71] NCUBE CORPORATION, US [71] THIRDSPEACE LIVING LTD., GB [85] 2003-02-12 [86] 2001-08-30 (PCT/US2001/027156) [87] 2002-03-07 (WO2002/019130) [30] US (09/653,039) 2000-09-01</p>	<p style="text-align: right;">[21] <b>2,419,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 215/48 7C07D 471/04 7A61P 31/04 7C07D 498/06 7A61K 31/4375 7A61K 31/47 7A61K 31/4709 7A61K 31/519 7A61K 31/5383</b> [25] EN [54] <b>NOVEL ESTER OR AMIDE DERIVATIVES</b> [54] <b>NOUVEAUX DERIVES ESTERIQUES OU AMIDIQUES</b> [72] HIRATA, TAKUYA, JP [72] WATANABE, MASATO, JP [72] KAZAMI, JUN-ICHI, JP [71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP [85] 2003-02-13 [86] 2001-08-27 (PCT/JP2001/007307) [87] 2003-02-13 (WO2002/018344) [30] JP (2000-258498) 2000-08-29</p>	<p style="text-align: right;">[21] <b>2,419,636</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 7/20 7G06T 1/00 7G06T 3/00 7H04N 5/208 7H04N 5/232 7H04N 5/262</b> [25] EN [54] <b>IMAGE PROCESSING APPARATUS AND METHOD, AND IMAGE PICKUP APPARATUS</b> [54] <b>DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES ET DISPOSITIF DE SAISIE D'IMAGE</b> [72] KONDO, TETSUJIRO, JP [72] ISHIBASHI, JUNICHI, JP [72] NAGANO, TAKAHIRO, JP [72] FUJIWARA, NAOKI, JP [72] MIYAKE, TORU, JP [72] WADA, SEIJI, JP [72] SAWAO, TAKASHI, JP [71] SONY CORPORATION, JP [85] 2003-02-12 [86] 2002-06-13 (PCT/JP2002/005876) [87] 2003-02-12 (WO2002/103636) [30] JP (2001-181394) 2001-06-15 [30] JP (2001-181396) 2001-06-15</p>
<p style="text-align: right;">[21] <b>2,419,623</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/496 7A61K 45/06 7A61P 25/06 7A61K 31/519 7A61K 31/53</b> [25] EN [54] <b>METHOD FOR TREATMENT OF MIGRAINE USING PDE5 INHIBITORS</b> [54] <b>PROCEDE DE TRAITEMENT DE LA MIGRAINE</b> [72] PORST, HARTMUT, DE [71] LILLY ICOS LLC, US [85] 2003-02-12 [86] 2001-08-27 (PCT/US2001/026740) [87] 2002-03-07 (WO2002/019213) [30] US (60/229,083) 2000-08-30</p>	<p style="text-align: right;">[21] <b>2,419,641</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01J 11/06 7B01D 24/46</b> [25] EN [54] <b>MILK FILTRATION AND FILTER REGENERATION</b> [54] <b>FILTRATION DU LAIT ET REGENERATION DU FILTRE</b> [72] LIDMAN, MAGNUS, SE [72] BJORK, ANDERS, SE [71] DELAVAL HOLDING AB, SE [85] 2003-02-13 [86] 2001-09-12 (PCT/SE2001/001944) [87] 2002-03-21 (WO2002/021908) [30] SE (0003226-8) 2000-09-12</p>	<p style="text-align: right;">[21] <b>2,419,644</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01J 11/06 7B01D 24/46</b> [25] EN [54] <b>MILK FILTRATION AND FILTER REGENERATION</b> [54] <b>FILTRATION DU LAIT ET REGENERATION DU FILTRE</b> [72] LIDMAN, MAGNUS, SE [72] BJORK, ANDERS, SE [71] DELAVAL HOLDING AB, SE [85] 2003-02-13 [86] 2001-09-12 (PCT/SE2001/001944) [87] 2002-03-21 (WO2002/021908) [30] SE (0003226-8) 2000-09-12</p>

## PCT Applications Entering the National Phase

[21] **2,419,657**  
[13] A1

[51] **Int.Cl. 7G06F 12/14 7G11B 27/00 7G11B 20/10 7G06F 17/60**  
[25] EN  
[54] **DATA TRANSFER SYSTEM, DATA TRANSFER APPARATUS, DATA RECORDING APPARATUS, DATA TRANSFER METHOD**  
[54] **SYSTEME ET APPAREIL DE TRANSFERT DE DONNEES, APPAREIL D'ENREGISTREMENT ET PROCEDE DE TRANSFERT DE DONNEES**  
[72] ABE, MIKI, JP  
[72] TANAKA, MASAO, JP  
[72] HOSOI, TAKAFUMI, JP  
[72] MATSUDA, HIROMI, JP  
[71] SONY CORPORATION, JP  
[85] 2003-02-12  
[86] 2002-06-18 (PCT/JP2002/006062)  
[87] 2003-02-12 (WO2002/103530)  
[30] JP (2001-183217) 2001-06-18

[21] **2,419,660**  
[13] A1

[51] **Int.Cl. 7D21F 7/00 7D21G 9/00**  
[25] EN  
[54] **PROTECTIVE ARRANGEMENT IN WEB CUTTING**  
[54] **DISPOSITIF DE PROTECTION UTILISE DANS UN MATERIEL DE DECOUPAGE DE FEUILLES DE PAPIER**  
[72] MYREN, HARRY INGEMAR, SE  
[71] METSO PAPER KARLSTAD AB, SE  
[85] 2003-02-12  
[86] 2001-10-11 (PCT/SE2001/002208)  
[87] 2002-04-25 (WO2002/033169)  
[30] SE (0003773-9) 2000-10-19  
[30] US (60/253,825) 2000-11-29

[21] **2,419,670**  
[13] A1

[51] **Int.Cl. 7G06T 7/20 7G06T 1/00 7G06T 3/00 7H04N 5/262 7H04N 5/272**  
[25] EN  
[54] **IMAGE PROCESSING DEVICE AND METHOD, AND IMAGER**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES, ET IMAGEUR**  
[72] KONDO, TETSUJIRO, JP  
[72] NAGANO, TAKAHIRO, JP  
[72] WADA, SEIJI, JP  
[72] MIYAKE, TORU, JP  
[72] FUJIWARA, NAOKI, JP  
[72] SAWAO, TAKASHI, JP  
[72] ISHIBASHI, JUNICHI, JP  
[71] SONY CORPORATION, JP  
[85] 2003-02-12  
[86] 2002-06-19 (PCT/JP2002/006088)  
[87] 2003-01-03 (WO2003/001452)  
[30] JP (2001-186407) 2001-06-20

[21] **2,419,678**  
[13] A1

[51] **Int.Cl. 7G06K 9/20**  
[25] EN  
[54] **IMAGE ACQUISITION APPARATUS**  
[54] **APPAREIL D'ACQUISITION D'IMAGES**  
[72] TOYOSHIMA, TSUYOSHI, JP  
[72] MIZUTANI, YASUSHI, JP  
[72] MORIKAWA, SHIGERU, JP  
[71] CASIO COMPUTER CO., LTD., JP  
[85] 2003-02-12  
[86] 2002-06-07 (PCT/JP2002/005654)  
[87] 2003-01-03 (WO2003/001438)  
[30] JP (2001-193275) 2001-06-26  
[30] JP (2001-199134) 2001-06-29

[21] **2,419,681**  
[13] A1

[51] **Int.Cl. 7A61L 27/34 7A61F 2/16 7A61K 9/32 7A61L 27/50**  
[25] EN  
[54] **SWITCHABLE TACKINESS COATING COMPOSITIONS FOR OPHTHALMIC IMPLANTS**  
[54] **COMPOSITIONS DE REVETEMENT A POUVOIR ADHESIF VARIABLE POUR IMPLANTS OPHTALMIQUES**  
[72] KARAKELLE, MUTLU, US  
[72] SCHLUETER, DOUGLAS C., US  
[72] PATEL, ANILBHAI S., US  
[71] ALCON, INC., CH  
[85] 2003-02-12  
[86] 2001-08-24 (PCT/US2001/026624)  
[87] 2002-03-14 (WO2002/019992)  
[30] US (60/230,604) 2000-09-06

[21] **2,419,688**  
[13] A1

[51] **Int.Cl. 7A61B 17/22**  
[25] EN  
[54] **MINIMALLY-INVASIVE MEDICAL RETRIEVAL DEVICE**  
[54] **DISPOSITIF MEDICAL DE RETRAIT A EFFRACTION MINIMALE**  
[72] FOSTER, THOMAS L., US  
[71] COOK UROLOGICAL INCORPORATED, US  
[85] 2003-02-12  
[86] 2001-09-14 (PCT/US2001/028952)  
[87] 2002-03-21 (WO2002/022028)  
[30] US (60/232,523) 2000-09-14

[21] **2,419,725**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C07K 16/18 7C07K 14/47 7C07K 14/705**  
[25] EN  
[54] **GENES INVOLVED IN IMMUNE RELATED RESPONSES OBSERVED WITH ASTHMA**  
[54] **GENES IMPLIQUES DANS LA REPONSE IMMUNITAIRE OBSERVEE DANS L'ASTHME**  
[72] VAN OOSTERHOUT, ANTOON J. M., NL  
[72] VAN BERGENHENEGOUWEN, BRAM JEROEN, NL  
[72] GROOT, PIETER CORNELIS, NL  
[71] UNIVERSITEIT UTRECHT, NL  
[85] 2003-02-14  
[86] 2001-08-16 (PCT/NL2001/000610)  
[87] 2002-02-21 (WO2002/014366)  
[30] EP (00202867.8) 2000-08-16

## Demandes PCT entrant en phase nationale

[21] **2,419,768**  
[13] A1  
[51] Int.Cl. 7C07D 243/04 7C07D 239/10  
7C07D 285/16 7C07D 285/36 7C07D 211/  
76  
[25] EN  
[54] **AMINO ACID-DERIVED, 7-  
MEMBERED CYCLIC SULFAMIDES  
AND METHODS OF SYNTHESIZING  
THE SAME**  
[54] **SULFAMIDES CYCLIQUES A 7  
CHAINONS, DERIVES D'ACIDES  
AMINES ET PROCEDES DE SYNTHESE  
ASSOCIES**  
[72] DOUGHERTY, JOSEPH M., US  
[72] PROBST, DONALD A., US  
[72] HANSON, PAUL R., US  
[71] THE UNIVERSITY OF KANSAS, US  
[85] 2003-02-12  
[86] 2001-08-06 (PCT/US2001/041604)  
[87] 2002-02-21 (WO2002/014287)  
[30] US (09/639,023) 2000-08-15

[21] **2,419,790**  
[13] A1  
[51] Int.Cl. 7A61K 48/00 7A01K 67/027  
7C12N 15/63 7C12N 15/79 7C12N 15/82  
[25] EN  
[54] **SYSTEM FOR REGULATING IN  
VIVO THE EXPRESSION OF A  
TRANSGENE BY CONDITIONAL  
INHIBITION**  
[54] **SYSTEME DE REGULATION IN  
VIVO DE L'EXPRESSION D'UN  
TRANSGENE PAR INHIBITION  
CONDITIONNELLE**  
[72] BETTAN, MICHAEL, FR  
[72] SCHERMAN, DANIEL, FR  
[72] BIGEY, PASCAL, FR  
[71] GENCELL S.A., FR  
[85] 2003-02-17  
[86] 2001-08-10 (PCT/FR2001/002606)  
[87] 2002-02-21 (WO2002/013758)  
[30] FR (00/10730) 2000-08-18  
[30] US (60/239,246) 2000-10-11

[21] **2,419,810**  
[13] A1  
[51] Int.Cl. 7C12N 15/12 7C12N 9/16  
7C07K 16/18 7C07K 16/40 7C07K 14/47  
7C12N 15/55 7G01N 33/573 7G01N 33/68  
[25] EN  
[54] **MFQ-111, A NOVEL HUMAN  
GTPASE LIKE PROTEIN**  
[54] **MFQ-111, NOUVELLE PROTEINE  
DE TYPE GTPASE HUMAINE**  
[72] MASA ALVAREZ, MARC, ES  
[72] RODES GUBERN, BLANCA, ES  
[72] ROSELL VIVES, ELISABET, ES  
[72] MESSEGUER PEYPOCH, RAMON,  
ES  
[72] PIULATS XANCO, JAUME, ES  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[85] 2003-02-14  
[86] 2001-08-13 (PCT/EP2001/009326)  
[87] 2002-02-28 (WO2002/016561)  
[30] EP (00117781.5) 2000-08-18

[21] **2,419,775**  
[13] A1  
[51] Int.Cl. 7C07F 9/22 7C07F 9/36 7C07F  
9/572 7C07F 9/645  
[25] EN  
[54] **AMINO ACID-DERIVED CYCLIC  
PHOSPHONAMIDES AND METHODS  
OF SYNTHESIZING THE SAME**  
[54] **PHOSPHONAMIDES CYCLIQUES  
DERIVES D'ACIDES AMINES ET  
PROCEDES DE SYNTHESE ASSOCIES**  
[72] HANSON, PAUL R., US  
[72] MCREYNOLDS, MATTHEW D., US  
[72] SPROTT, KEVIN T., US  
[71] THE UNIVERSITY OF KANSAS, US  
[85] 2003-02-12  
[86] 2001-08-06 (PCT/US2001/041606)  
[87] 2002-02-21 (WO2002/014344)  
[30] US (09/639,051) 2000-08-15

[21] **2,419,804**  
[13] A1  
[51] Int.Cl. 7F01L 1/04 7F16H 53/00  
[25] EN  
[54] **MODULAR CAMSHAFT  
ASSEMBLY**  
[54] **ENSEMBLE ARBRE A CAMES  
MODULAIRE**  
[72] JESEL, DANIEL H., US  
[71] JESEL, INC., US  
[85] 2003-02-12  
[86] 2001-08-17 (PCT/US2001/041787)  
[87] 2002-02-28 (WO2002/016741)  
[30] US (60/226,095) 2000-08-18

[21] **2,419,822**  
[13] A1  
[51] Int.Cl. 7C12N 15/49 7C07K 14/16  
7A61K 39/21 7C12N 15/62  
[25] EN  
[54] **MODIFICATIONS OF HIV ENV,  
GAG, AND POL ENHANCE  
IMMUNOGENICITY FOR GENETIC  
IMMUNIZATION**  
[54] **MODIFICATIONS DE ENV, GAG,  
ET POL DE VIH A POUVOIR  
IMMUNOGENE AUGMENTE AUX FINS  
D'IMMUNISATION GENETIQUE**  
[72] HUANG, YUE, US  
[72] NABEL, GARY J., US  
[71] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA, AS  
REPRESENTED BY THE SECRETARY,  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES, US  
[71] CHADRABARTI, BIMAL K., US  
[85] 2003-02-13  
[86] 2001-08-14 (PCT/US2001/025721)  
[87] 2002-04-25 (WO2002/032943)  
[30] US (60/225,097) 2000-08-14  
[30] US (60/252,115) 2000-11-14  
[30] US (60/279,257) 2001-03-28

[21] **2,419,807**  
[13] A1  
[51] Int.Cl. 7B01J 45/00 7B01J 47/12  
7C02F 1/26 7B01J 20/32  
[25] FR  
[54] **STRUCTURE COMPLEXANTE,  
DISPOSITIF ET PROCEDE DE  
TRAITEMENT D'EFFLUENTS  
LIQUIDES**  
[54] **COMPLEXING STRUCTURE,  
DEVICE AND METHOD FOR  
TREATING LIQUID EFFLUENTS**  
[72] BUREAU, CHRISTOPHE, FR  
[72] LEDERF, FRANCK, FR  
[72] VIEL, PASCAL, FR  
[72] DESCOURS, FRANCIS, FR  
[71] COMMISSARIAT A L'ENERGIE  
ATOMIQUE, FR  
[85] 2003-02-12  
[86] 2001-08-29 (PCT/FR2001/002692)  
[87] 2002-03-07 (WO2002/018050)  
[30] FR (00/11074) 2000-08-30

## PCT Applications Entering the National Phase

[21] **2,419,851**  
[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 5/02 7C12N 15/63 7C12N 15/85 7C12N 15/87**  
[25] EN  
[54] **GENETIC DEMONSTRATION OF REQUIREMENT FOR NKX6.1, NKX2.2 AND NKX6.2 IN VENTRAL NEURON GENERATION**  
[54] **DEMONSTRATION GENETIQUE DU BESOIN DE NKX6.1, NKX2.2 ET NKX6.2 POUR LA PRODUCTION DE NEURONES VENTRAUX**  
[72] JESSELL, THOMAS M., US  
[72] RUBENSTEIN, JOHN L. R., US  
[72] SANDER, MAIKE, DE  
[72] BRISCOE, JAMES, GB  
[72] ERICSON, JOHAN, SE  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY, US  
[85] 2003-02-18  
[86] 2001-08-31 (PCT/US2001/027256)  
[87] 2002-03-07 (WO2002/018545)  
[30] US (09/654,462) 2000-09-01

[21] **2,419,872**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7G01N 33/00 7C12N 9/10 7C07K 16/18 7C12N 15/62**  
[25] EN  
[54] **IDENTIFICATION OF A HUMAN N-TERMINAL ACETYLTRANSFERASE GENE**  
[54] **IDENTIFICATION D'UN GENE D'ACETYLTRANSFERASE N-TERMINALE HUMAINE**  
[72] DUCKER, KLAUS, DE  
[72] GOODMAN, SIMON, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2003-02-14  
[86] 2001-08-16 (PCT/EP2001/009421)  
[87] 2002-02-28 (WO2002/016614)  
[30] EP (00118268.2) 2000-08-18

[21] **2,419,890**  
[13] A1

[51] **Int.Cl. 7A01N 63/00 7A01N 47/44**  
[25] EN  
[54] **BIOLOGICAL CONTROL OF CROWN GALL DISEASE**  
[54] **CONTROLE BIOLOGIQUE DE LA MALADIE DE LA GALLE DU COLLET**  
[72] HERLACHE, THOMAS C., US  
[72] TRIPLETT, ERIC W., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2003-03-04  
[86] 2001-08-10 (PCT/US2001/025120)  
[87] 2002-02-21 (WO2002/013614)  
[30] US (60/224,929) 2000-08-11

[21] **2,419,915**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 35/12 7A61P 31/18**  
[25] EN  
[54] **NEW SEQUENCES**  
[54] **NOUVELLES SEQUENCES**  
[72] KVIST, SUNE, SE  
[72] STRANDBERG, BROR, SE  
[71] PRIMERT AB, SE  
[85] 2003-02-17  
[86] 2001-08-22 (PCT/SE2001/001791)  
[87] 2002-02-28 (WO2002/016608)  
[30] SE (0003002-3) 2000-08-22

[21] **2,419,975**  
[13] A1

[51] **Int.Cl. 7C12N 9/12 7C12N 15/10 7C12N 15/11 7C07K 16/40 7G06F 17/50 7C12N 15/54 7C12Q 1/68**  
[25] EN  
[54] **ENZYMES HAVING HIGH TEMPERATURE POLYMERASE ACTIVITY AND METHODS OF USE THEREOF**  
[54] **ENZYMES AYANT UNE ACTIVITE POLYMERASE A HAUTE TEMPERATURE ET PROCEDES D'UTILISATION DE CES DERNIERES**  
[72] CALLEN, WALTER, US  
[72] SHORT, JAY M., US  
[72] MATHUR, ERIC J., US  
[71] DIVERSA CORPORATION, US  
[85] 2003-02-27  
[86] 2001-09-06 (PCT/US2001/028007)  
[87] 2002-03-14 (WO2002/020735)  
[30] US (09/656,309) 2000-09-06

[21] **2,419,979**  
[13] A1

[51] **Int.Cl. 7C07K 4/12 7C07K 16/00 7A61K 38/02 7C12N 15/63**  
[25] EN  
[54] **MAMMALIAN GENES; RELATED REAGENTS AND METHODS**  
[54] **GENES MAMMALIENS, REACTIFS ET METHODES ASSOCIES**  
[72] ARAI, NAOKO, US  
[72] GORMAN, DANIEL M., US  
[72] KURATA, HIROKAZU, US  
[72] SANA, THEODORE R., US  
[72] SAVKOOR, CHETAN, US  
[72] PARHAM, CHRISTI L., US  
[72] GREIN, JEFFERY, US  
[72] MURPHY, ERIN E., US  
[72] MATTSOON, JEANINE D., US  
[72] SMITH, KATHLEEN M., US  
[72] MCCLANAHAN, TERRILL K., US  
[71] SCHERING CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-07 (PCT/US2001/028013)  
[87] 2002-03-14 (WO2002/020569)  
[30] US (60/231,267) 2000-09-08

[21] **2,419,981**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47 7C12Q 1/68 7G01N 33/74**  
[25] EN  
[54] **COASTER, A HUMAN COACTIVATOR OF STEROID RECEPTORS**  
[54] **COACTIVATION DE RECEPTEURS NUCLEAIRES**  
[72] MOSSELMAN, SIETSE, NL  
[72] DECHERING, KOEN JACOB, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2003-02-18  
[86] 2001-08-16 (PCT/EP2001/009499)  
[87] 2002-02-28 (WO2002/016426)  
[30] EP (00202905.6) 2000-08-21  
[30] EP (01201771.1) 2001-05-14

## Demandes PCT entrant en phase nationale

[21] **2,420,011**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **A RAPID METHOD FOR MICROWAVE MEDIATED ENZYME-LINKED IMMUNOSORBENT ASSAY**  
[54] **PROCEDE RAPIDE DE DOSAGE IMMUNOENZYMATIQUE FACILITE PAR L'UTILISATION DE MICRO-ONDES**  
[72] BORA, UTPAL, IN  
[72] SHARMA, GAINDA LAL, IN  
[72] NAHAR, PRADEEP, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[85] 2003-02-12  
[86] 2000-08-16 (PCT/IN2000/000075)  
[87] 2002-02-21 (WO2002/014868)

[21] **2,420,036**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07H 21/04 7C12N 15/11 7C07K 16/28 7G01N 33/53 7G01N 33/68 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **HUMAN 7TM PROTEINS AND POLYNUCLEOTIDES ENCODING THE SAME**  
[54] **PROTEINES HUMAINES 7TM ET POLYNUCLEOTIDES CODANT CES PROTEINES**  
[72] NEPOMNICHY, BORIS, US  
[72] HU, YI, US  
[71] LEXICON GENETICS INCORPORATED, US  
[85] 2003-02-18  
[86] 2001-08-21 (PCT/US2001/026643)  
[87] 2002-02-28 (WO2002/016435)  
[30] US (60/227,105) 2000-08-22

[21] **2,420,041**  
[13] A1

[51] **Int.Cl. 7G01N 35/02 7B01L 3/00 7B01L 3/02**  
[25] EN  
[54] **AUTOMATED SYSTEM FOR FILLING CAPILLARIES**  
[54] **REPLISSAGE DE CAPILLAIRES**  
[72] VAN DE MAELE, IGNACE MARIA S. M., BE  
[72] DE BEUKELEER, WERNER RENE IRENE, BE  
[72] VELGHE, FRANCK, BE  
[71] TIBOTEC BVBA, BE  
[85] 2003-02-12  
[86] 2001-09-07 (PCT/EP2001/010394)  
[87] 2002-03-14 (WO2002/021143)  
[30] EP (00203083.1) 2000-09-07

[21] **2,420,051**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 35/00**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION COMPRISING TRKAIG2 FOR USE IN THE PREVENTION AND/OR TREATMENT OF CANCER**  
[54] **COMPOSITIONS PHARMACEUTIQUES RENFERMANT UN TRKAIG2, CONVENANT POUR LA PREVENTION ET/OU LE TRAITEMENT DU CANCER**  
[72] ALLEN, SHELLEY JANE, GB  
[72] DAWBARN, DAVID, GB  
[71] THE UNIVERSITY OF BRISTOL, GB  
[85] 2003-02-14  
[86] 2001-08-17 (PCT/GB2001/003682)  
[87] 2002-02-28 (WO2002/015924)  
[30] GB (0020504.7) 2000-08-18

[21] **2,420,054**  
[13] A1

[51] **Int.Cl. 7C07H 21/02 7C07K 1/00 7C12N 15/00 7C07H 21/04 7C12N 1/20**  
[25] EN  
[54] **NOVEL TUMOR SUPPRESSOR ENCODING NUCLEIC ACID, PTX1, AND METHODS OF USE THEREOF**  
[54] **NOUVEAU SUPPRESSEUR TUMORAL CODANT L'ACIDE NUCLEIQUE, PTX1, ET PROCEDES D'UTILISATION DE CE DERNIER**  
[72] DASKAL, IERACHIMIEL, US  
[72] KWOK, SIMON, US  
[71] ALBERT EINSTEIN HEALTHCARE NETWORK, US  
[85] 2003-02-18  
[86] 2001-08-22 (PCT/US2001/026213)  
[87] 2002-02-28 (WO2002/016385)  
[30] US (60/226,993) 2000-08-22

[21] **2,420,101**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **KIDNEY-SPECIFIC PROTEIN**  
[54] **PROTEINE SPECIFIQUE AU REIN**  
[72] WALKER, MICHAEL G., US  
[72] KRASNOW, RANDI E., US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-02-19  
[86] 2001-08-23 (PCT/US2001/026317)  
[87] 2002-02-28 (WO2002/016595)  
[30] US (09/645,961) 2000-08-24

[21] **2,420,103**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61P 35/00 7A61P 37/06 7A61K 31/7088**  
[25] EN  
[54] **MODULATION OF FAS AND FASL EXPRESSION**  
[54] **MODULATION DE L'EXPRESSION DE FAS ET DE FASL**  
[72] PHILLIPS, NIGEL C., CA  
[72] FILION, MARIO C., CA  
[71] BIONICHE LIFE SCIENCES INC., CA  
[85] 2003-02-14  
[86] 2001-06-12 (PCT/CA2001/000845)  
[87] 2002-03-07 (WO2002/018593)  
[30] US (60/228,925) 2000-08-29  
[30] CA (PCT/CA00/01467) 2000-12-12  
[30] US (09/735,363) 2000-12-12  
[30] US (60/266,229) 2001-02-02

## PCT Applications Entering the National Phase

[21] **2,420,105**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12P 21/02 7A01K 67/027 7C12N 5/10 7C12N 9/12 7C07K 16/40 7A61K 38/45 7C12Q 1/48 7G01N 33/573 7C12N 15/63 7C12Q 1/68**

[25] EN  
[54] **HUMAN KINASES**  
[54] **KINASES HUMAINES**  
[72] BURFORD, NEIL, US  
[72] WARREN, BRIDGET A., US  
[72] HAFALIA, APRIL J. A., US  
[72] PATTERSON, CHANDRA, US  
[72] YUE, HENRY, US  
[72] BAUGHN, MARIAH R., US  
[72] WALIA, NARINDER K., US  
[72] LAL, PREETI G., US  
[72] LU, YAN, US  
[72] NGUYEN, DANNIEL B., US  
[72] THANGAVELU, KAVITHA, US  
[72] DING, LI, US  
[72] ISON, CRAIG H., US  
[72] MARCUS, GREGORY A., US  
[72] ZINGLER, KURT A., US  
[72] LU, DYUNG AINA M., US  
[72] BANDMAN, OLGA, US  
[72] POLICKY, JENNIFER L., US  
[72] ELLIOTT, VICKI S., US  
[72] THORNTON, MICHAEL, US  
[72] GANDHI, AMEENA R., US  
[72] TANG, Y. TOM, US  
[72] GURURAJAN, RAJAGOPAL, US  
[72] RAMKUMAR, JAYALAXMI, US  
[72] AZIMZAI, YALDA, US  
[72] BURRILL, JOHN D., US  
[72] TRIBOULEY, CATHERINE M., US  
[72] KEARNEY, LIAM, US  
[72] YAO, MONIQUE G., US  
[72] AU-YOUNG, JANICE, US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-02-19  
[86] 2001-08-31 (PCT/US2001/027219)  
[87] 2002-03-07 (WO2002/018557)  
[30] US (60/229,873) 2000-08-31  
[30] US (60/231,357) 2000-09-08  
[30] US (60/232,654) 2000-09-14  
[30] US (60/234,902) 2000-09-22  
[30] US (60/236,499) 2000-09-29  
[30] US (60/238,389) 2000-10-06  
[30] US (60/240,542) 2000-10-13

[21] **2,420,118**  
[13] A1

[51] **Int.Cl. 7A61F 2/46**

[25] EN  
[54] **DEVICE FOR OPTIMIZING A KNEE ENDOPROSTHESIS**  
[54] **DISPOSITIF POUR OPTIMISER UNE ENDOPROTHESE DU GENOU**  
[72] CORTELLESA, MAURIZIO, CH  
[72] HERZOG, ROLAND, CH  
[72] WYMENGA, ATE B., NL  
[71] BIOMET MERCK GMBH, CH  
[85] 2003-02-12  
[86] 2001-07-09 (PCT/CH2001/000426)  
[87] 2002-03-07 (WO2002/017826)  
[30] DE (200 14 377.8) 2000-08-19

[21] **2,420,140**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 51/00 7A61P 35/00 7C07K 16/30 7A61K 39/395 7C07K 14/47 7A61K 47/48 7G01N 33/574 7C12N 15/62 7G01N 33/68 7C12Q 1/68 7C07K 14/705**

[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR**  
[54] **COMPOSITIONS ET PROCEDES DE DIAGNOSTIC ET TRAITEMENT DE TUMEURS**  
[72] SMITH, VICTORIA, US  
[72] POLAKIS, PAUL, US  
[72] GURNEY, AUSTIN L., US  
[72] WU, THOMAS D., US  
[72] HILLAN, KENNETH J., US  
[72] WOOD, WILLIAM I., US  
[72] ZHANG, ZEMIN, US  
[72] GODOWSKI, PAUL J., US  
[72] GODDARD, AUDREY, US  
[71] GENENTECH, INC., US  
[85] 2003-02-14  
[86] 2001-06-22 (PCT/US2001/020118)  
[87] 2002-02-28 (WO2002/016429)  
[30] US (PCT/US00/23328) 2000-08-24  
[30] US (60/235,451) 2000-09-26  
[30] US (PCT/US00/32678) 2000-12-01  
[30] US (PCT/US01/06520) 2001-02-28  
[30] US (PCT/US01/06666) 2001-03-01

[21] **2,420,152**  
[13] A1

[51] **Int.Cl. 7A61B 19/00**

[25] EN  
[54] **VOLUMIZED APPARATUS HAVING LOW DENSITY SUPPORT**  
[54] **APPAREIL A VOLUMES DE SOUTIEN DE FAIBLE DENSITE**  
[72] SEREBOFF, JOEL L., US  
[71] SEREFLEX ERGONOMIC PRODUCTS, INC., US  
[85] 2003-02-12  
[86] 2000-08-11 (PCT/US2000/022136)  
[87] 2001-02-22 (WO2001/012094)  
[30] US (09/373,831) 1999-08-13

[21] **2,420,160**  
[13] A1

[51] **Int.Cl. 7C12N 9/52**

[25] EN  
[54] **LACTIC ACID BACTERIA CAPABLE OF REDUCING AN INDIVIDUAL'S TENDENCY TO DEVELOP ALLERGIC REACTIONS**  
[54] **BACTERIES D'ACIDE LACTIQUE POUVANT REDUIRE LA TENDANCE D'UN INDIVIDU A DEVELOPPER DES REACTIONS ALLERGIQUES**  
[72] GERMOND, JACQUES EDOUARD, CH  
[72] CORTHESEY, BLAISE, CH  
[72] FRITSCHER, RODOLPHE, CH  
[72] MOLLET, BEAT, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-02-20  
[86] 2001-09-21 (PCT/EP2001/010956)  
[87] 2002-03-28 (WO2002/024883)  
[30] EP (00120867.7) 2000-09-25

## Demandes PCT entrant en phase nationale

[21] **2,420,176**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07K 16/30 7A61K 47/48**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR**  
[54] **COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEURS**  
[72] GAO, WEI-QIANG, US  
[72] POLAKIS, PAUL, US  
[72] SHOU, JIANYONG, US  
[72] SORIANO, ROBERT, US  
[72] WILLIAMS, P. MICKEY, US  
[72] WU, THOMAS D., US  
[72] ZHANG, ZEMIN, US  
[72] SMITH, VICTORIA, US  
[71] GENENTECH, INC., US  
[85] 2003-02-14  
[86] 2001-08-14 (PCT/US2001/025464)  
[87] 2002-02-28 (WO2002/016581)  
[30] US (PCT/US00/23328) 2000-08-24  
[30] US (PCT/US01/06520) 2001-02-28  
[30] US (09/888,257) 2001-06-22  
[30] US (PCT/US01/20118) 2001-06-22

[21] **2,420,192**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 5/00 7C07K 14/00 7C07H 21/02 7C12N 1/21 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **21 HUMAN SECRETED PROTEINS**  
[54] **21 PROTEINES HUMAINES SECRETEES**  
[72] EBNER, REINHARD, US  
[72] DUAN, D. ROXANNE, US  
[72] SHI, YANGGU, US  
[72] WEI, PING, US  
[72] MOORE, PAUL A., US  
[72] BIRSE, CHARLES E., US  
[72] OLSEN, HENRIK S., US  
[72] SOPPET, DANIEL R., US  
[72] FISCELLA, MICHELE, US  
[72] NI, JIAN, US  
[72] CHOI, GIL H., US  
[72] KOMATSOULIS, GEORGE A., US  
[72] ROSEN, CRAIG A., US  
[72] BAKER, KEVIN P., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2003-02-21  
[86] 2001-01-17 (PCT/US2001/001565)  
[87] 2002-03-28 (WO2002/024719)  
[30] US (60/234,210) 2000-09-20

[21] **2,420,193**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C07K 16/30 7A61K 47/48**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR**  
[54] **COMPOSITIONS ET PROCEDES CONCUS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEUR**  
[72] GURNEY, AUSTIN L., US  
[72] WILLIAMS, P. MICKEY, US  
[72] GODDARD, AUDREY, US  
[72] WU, THOMAS D., US  
[72] GODOWSKI, PAUL J., US  
[72] WOOD, WILLIAM I., US  
[72] ZHANG, ZEMIN, US  
[72] ASHKENAZI, AVI J., US  
[72] POLAKIS, PAUL, US  
[71] GENENTECH, INC., US  
[85] 2003-02-14  
[86] 2001-08-23 (PCT/US2001/026626)  
[87] 2002-02-28 (WO2002/016602)  
[30] US (PCT/US00/23328) 2000-08-24  
[30] US (PCT/US00/32678) 2000-12-01  
[30] US (PCT/US01/06520) 2001-02-28  
[30] US (PCT/US01/17800) 2001-06-01  
[30] US (PCT/US01/19692) 2001-06-20  
[30] US (PCT/US01/21066) 2001-06-29  
[30] US (PCT/US01/21735) 2001-07-09

[21] **2,420,222**  
[13] A1

[51] **Int.Cl. 7A61K 38/03 7C07K 4/00 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7C07K 4/12 7A61K 38/17 7C07K 14/775**  
[25] EN  
[54] **ORALLY ADMINISTERED PEPTIDES TO AMELIORATE ATHEROSCLEROSIS**  
[54] **PEPTIDES ADMINISTRES PER OS POUR AMELIORER LES SYMPTOMES DE L'ATHEROSCLEROSE**  
[72] NAVAB, MOHAMAD, US  
[72] FOGELMAN, ALAN M., US  
[72] ANANTHARAMAIAH, GATTADAHALLI M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2003-02-14  
[86] 2001-08-23 (PCT/US2001/026497)  
[87] 2002-02-28 (WO2002/015923)  
[30] US (09/645,454) 2000-08-24

[21] **2,420,231**  
[13] A1

[51] **Int.Cl. 7C07K 16/00**  
[25] EN  
[54] **ANTIBODIES TO HUMAN IL-1.BETA.**  
[54] **ANTICORPS DE LA IL-1.BETA. HUMAINE**  
[72] GRAM, HERMANN, DE  
[72] DI PADOVA, FRANCO E., CH  
[71] NOVARTIS AG, CH  
[85] 2003-02-18  
[86] 2001-08-20 (PCT/EP2001/009588)  
[87] 2002-02-28 (WO2002/016436)  
[30] GB (0020685.4) 2000-08-22

[21] **2,420,234**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7C07K 1/00 7A61K 39/02 7A61K 39/385**  
[25] EN  
[54] **METHOD OF ADMINISTERING FIMH PROTEIN AS A VACCINE FOR URINARY TRACT INFECTIONS**  
[54] **METHODE D'ADMINISTRATION D'UNE PROTEINE FIMH EN TANT QUE VACCIN CONTRE LES INFECTIONS DE INFECTIONS URINAIRES**  
[72] BALLOU, W. RIPLEY, US  
[72] LANGERMANN, SOLOMON, US  
[71] MEDIMMUNE, INC., US  
[85] 2003-02-18  
[86] 2000-11-28 (PCT/US2000/032398)  
[87] 2002-02-28 (WO2002/015928)  
[30] US (60/226,146) 2000-08-18

[21] **2,420,251**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7A61K 38/17 7C12N 15/31 7C07K 14/395 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **DNA BINDING PEPTIDE DOMAINS AND A METHOD FOR PROVIDING DOMAINS OF THIS TYPE**  
[54] **DOMAINES PEPTIDIQUES LIANT L'ADN ET PROCEDE DE PREPARATION DE TELS DOMAINES**  
[72] WAGNER, THOMAS, DE  
[72] WINDHAB, NORBERT, DE  
[72] KAPPEL, ANDREAS, DE  
[72] KUHN, KARSTEN, DE  
[72] KIENLE, STEFAN, DE  
[71] XZILLION GMBH & CO KG, DE  
[85] 2003-02-21  
[86] 2001-08-20 (PCT/EP2001/009565)  
[87] 2002-02-28 (WO2002/016424)  
[30] DE (100 41 126.6) 2000-08-22



## PCT Applications Entering the National Phase

[21] **2,420,257**  
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 5/06 7C12N 15/10 7C12N 15/12 7C07K 16/18 7G01N 33/53 7C12N 15/66 7C12N 15/67 7C12Q 1/68**

[25] EN  
[54] **IDENTIFICATION OF A CAM-KINASE II INHIBITOR**  
[54] **IDENTIFICATION D'UN NOUVEL INHIBITEUR DE LA CAM-KINASE II**  
[72] DUECKER, KLAUS, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE  
[85] 2003-02-21  
[86] 2001-08-23 (PCT/EP2001/009748)  
[87] 2002-02-28 (WO2002/016415)  
[30] EP (00118541.2) 2000-08-25

[21] **2,420,260**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A01N 1/02**

[25] EN  
[54] **METHOD FOR PRODUCING READY TO USE, ANTIGEN LOADED OR UNLOADED, CRYOCONSERVED MATURE DENDRITIC CELLS**  
[54] **PROCEDE DE FABRICATION DE CELLULES DENDRITIQUES MATURES, CRYOCONSERVEES, CHARGEES D'ANTIGENES OU NON, PRETES A L'EMPLOI**  
[72] SCHULER, GEROLD, DE  
[72] SCHULER-THURNER, BEATRICE, DE  
[71] SCHULER, GEROLD, DE  
[85] 2003-02-21  
[86] 2001-08-24 (PCT/EP2001/009790)  
[87] 2003-02-21 (WO2002/016560)  
[30] DE (100 41 515.6) 2000-08-24

[21] **2,420,261**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/095 7C07K 16/12 7C07K 14/22 7G01N 33/68**

[25] EN  
[54] **GENES AND PROTEINS, AND THEIR USES**  
[54] **GENES ET PROTEINES ET LEURS UTILISATIONS**  
[72] LANE, JONATHAN DOUGLAS, GB  
[72] HUGHES, MARTIN JOHN GLENTON, GB  
[72] SANTANGELO, JOSEPH DAVID, GB  
[71] MICROSCIENCE LIMITED, GB  
[85] 2003-02-21  
[86] 2001-08-21 (PCT/GB2001/003759)  
[87] 2002-02-28 (WO2002/016612)  
[30] GB (0020952.8) 2000-08-24

[21] **2,420,275**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/00 7A61K 45/00 7C12Q 1/37 7A61K 39/395 7C07K 16/40 7C12N 9/64 7A61K 35/76**

[25] EN  
[54] **NOVEL PROTEASE GENE**  
[54] **NOUVEAU GENE DE LA PROTEASE**  
[72] YOKOTA, HIROSHI, JP  
[72] INOUE, TATSUYA, JP  
[72] SAEKI, YOSHIYUKI, JP  
[72] WADA, NAOYA, JP  
[72] ARAI, YASUKO, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2003-02-21  
[86] 2001-08-21 (PCT/JP2001/007147)  
[87] 2003-02-21 (WO2002/016610)  
[30] JP (2000-252503) 2000-08-23

[21] **2,420,277**  
[13] A1

[51] **Int.Cl. 7C07K 7/00 7C07K 16/00 7A61K 39/395 7G01N 33/53**

[25] EN  
[54] **ANTIBODIES SPECIFIC FOR METHYLATED LYSINES IN HISTONES**  
[54] **ANTICORPS SPECIFIQUES AUX LYSINES METHYLEES DANS DES HISTONES**  
[72] STRAHL, BRIAN D., US  
[72] ALLIS, C. DAVID, US  
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US  
[85] 2003-02-20  
[86] 2001-08-23 (PCT/US2001/026283)  
[87] 2002-03-07 (WO2002/018418)  
[30] US (60/227,767) 2000-08-25  
[30] US (60/302,747) 2001-07-03

[21] **2,420,283**  
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A61K 38/03**

[25] EN  
[54] **T CELL RECEPTOR V.BETA.-D.BETA.-J.BETA. SEQUENCE AND METHODS FOR ITS DETECTION**  
[54] **SEQUENCE DE RECEPTEURS DES LYMPHOCYTES T V\$G(B)-D\$G(B)-J\$G(B) ET PROCEDES POUR LA DETECTER**  
[72] ZHANG, JINGWU Z., US  
[71] BAYLOR COLLEGE OF MEDECINE, US  
[85] 2003-02-21  
[86] 2000-08-22 (PCT/US2000/022988)  
[87] 2002-02-28 (WO2002/016434)

[21] **2,420,320**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 5/00 7C07K 14/00 7C07H 21/02 7C12N 1/21 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**

[25] EN  
[54] **7 HUMAN SECRETED PROTEINS**  
[54] **7 PROTEINES HUMAINES SECRETEES**  
[72] WEI, PING, US  
[72] FISCELLA, MICHELE, US  
[72] EBNER, REINHARD, US  
[72] OLSEN, HENRIK S., US  
[72] MOORE, PAUL A., US  
[72] NI, JIAN, US  
[72] BIRSE, CHARLES E., US  
[72] SOPPET, DANIEL R., US  
[72] DUAN, D. ROXANNE, US  
[72] CHOI, GIL H., US  
[72] SHI, YANGGU, US  
[72] KOMATSOULIS, GEORGE A., US  
[72] BAKER, KEVIN P., US  
[72] ROSEN, CRAIG A., US  
[71] HUMAN GENOME SCIENCES, US  
[85] 2003-02-21  
[86] 2001-01-17 (PCT/US2001/001383)  
[87] 2002-03-07 (WO2002/018411)  
[30] US (60/228,083) 2000-08-28  
[30] US (60/259,804) 2001-01-05

[21] **2,420,374**  
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12N 5/10 7C12N 1/15 7C12P 17/18 7C12N 1/19 7C12N 1/21**

[25] EN  
[54] **PROCESS FOR PRODUCING BIOPTERINS**  
[54] **PROCEDE DE PRODUCTION DE BIOPTERINES**  
[72] FURUKAWA, KAZUAKI, JP  
[72] YABUTA, MASAYUKI, JP  
[72] OHSUYE, KAZUHIRO, JP  
[72] MIYAMOTO, NOBUE, JP  
[72] YAMAMOTO, KATSUHIKO, JP  
[71] SUNTORY LIMITED, JP  
[85] 2003-02-24  
[86] 2001-08-28 (PCT/JP2001/007395)  
[87] 2003-02-24 (WO2002/018587)  
[30] JP (2000-262973) 2000-08-31

## Demandes PCT entrant en phase nationale

[21] **2,420,392**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07H 5/00 7C07K 14/00 7C07H 21/02 7C12N 1/21 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **17 HUMAN SECRETED PROTEINS**  
[54] **17 PROTEINES HUMAINES**  
**SECRETEES**  
[72] SOPPET, DANIEL R., US  
[72] NI, JIAN, US  
[72] OLSEN, HENRIK S., US  
[72] MOORE, PAUL A., US  
[72] BIRSE, CHARLES E., US  
[72] EBNER, REINHARD, US  
[72] WEI, PING, US  
[72] CHOI, GIL H., US  
[72] SHI, YANGGU, US  
[72] BAKER, KEVIN P., US  
[72] DUAN, ROXANNE D., US  
[72] KOMATSOULIS, GEORGE A., US  
[72] ROSEN, CRAIG A., US  
[72] FISCELLA, MICHELE, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2003-02-24  
[86] 2001-01-17 (PCT/US2001/001384)  
[87] 2002-03-07 (WO2002/018412)  
[30] US (60/228,086) 2000-08-28  
[30] US (60/259,516) 2001-01-04

[21] **2,420,393**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A61K 38/16 7C07K 14/195**  
[25] EN  
[54] **BACTERIAL STRAINS, GENES AND ENZYMES FOR CONTROL OF BACTERIAL DISEASES BY QUENCHING QUORUM-SENSING SIGNALS**  
[54] **BRINS, GENES ET ENZYMES BACTERIENS DESTINES AU CONTROLE DE MALADIES BACTERIENNES PAR DESACTIVATION DE SIGNAUX DE DETECTION DE QUORUM**  
[72] DONG, YIHU, SG  
[72] ZHANG, LIANHUI, SG  
[72] XU, JINLING, SG  
[72] ZHANG, HAIBAO, SG  
[71] INSTITUTE OF MOLECULAR AGROBIOLOGY, SG  
[85] 2003-02-20  
[86] 2000-08-23 (PCT/SG2000/000123)  
[87] 2002-02-28 (WO2002/016623)

[21] **2,420,406**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/10 7C12N 15/10 7A01H 5/12**  
[25] EN  
[54] **GLYPHOSATE TOLERANT WHEAT PLANT 33391 AND COMPOSITIONS AND METHODS FOR DETECTION THEREOF**  
[54] **PLANTE DE BLE 33391 RESISTANTE AU GLYPHOSATE ET COMPOSITIONS ET PROCEDES DE DETECTION DE CELLE-CI**  
[72] HIRONAKA, CATHERINE M., US  
[72] ZHOU, HUA-PING, US  
[72] CHEN, GUILAN, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[85] 2003-02-24  
[86] 2001-09-25 (PCT/US2001/029902)  
[87] 2002-04-04 (WO2002/027004)  
[30] US (60/236,653) 2000-09-29  
[30] US (60/236,762) 2000-09-29

[21] **2,420,459**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **NOVEL DERMATOPHAGOIDES NUCLEIC ACID MOLECULES, PROTEINS AND USES THEREOF**  
[54] **NOUVELLES PROTEINES ET MOLECULES D'ACIDE NUCLEIQUE DE DERMATOPHAGOIDES ET LEURS UTILISATIONS**  
[72] HUNTER, SHIRLEY WU, US  
[72] WEBER, ERIC R., US  
[72] MCCALL, CATHERINE A., US  
[71] HESKA CORPORATION, US  
[85] 2003-02-21  
[86] 2001-09-14 (PCT/US2001/028730)  
[87] 2002-03-21 (WO2002/022807)  
[30] US (09/662,293) 2000-09-14

[21] **2,420,475**  
[13] A1

[51] **Int.Cl. 7C07K 14/00**  
[25] EN  
[54] **IGE RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR D'IGE**  
[72] STAROVASNIK, MELISSA A., US  
[72] NAKAMURA, GERALD R., US  
[72] REYNOLDS, MARK E., US  
[72] LOWMAN, HENRY B., US  
[71] GENENTECH, INC., US  
[85] 2003-02-21  
[86] 2001-09-26 (PCT/US2001/030289)  
[87] 2002-04-04 (WO2002/026781)  
[30] US (60/235,353) 2000-09-26  
[30] US (60/278,540) 2001-03-23

[21] **2,420,482**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **PROGRESSION SUPPRESSED GENE 13 (PSGEN 13) AND USES THEREOF**  
[54] **GENE 13 (PSGEN 13) A PROGRESSION SUPPRIMEE ET SES UTILISATIONS**  
[72] KANG, DONG-CHUL, US  
[72] FISHER, PAUL B., US  
[72] SU, ZAO-ZHONG, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2003-02-20  
[86] 2001-08-27 (PCT/US2001/026795)  
[87] 2002-02-28 (WO2002/016419)  
[30] US (09/648,310) 2000-08-25

[21] **2,420,499**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 48/00**  
[25] EN  
[54] **METHODS OF TREATMENT OR PREVENTION OF AUTOIMMUNE DISEASES WITH CPG-CONTAINING POLYNUCLEOTIDE**  
[54] **PROCEDES DE TRAITEMENT OU DE PREVENTION DE MALADIES AUTO-IMMUNES AU MOYEN D'UN POLYNUCLEOTIDE RENFERMANT DU CPG**  
[72] COHEN, IRUN R., IL  
[72] QUINTANA, FRANCISCO J., AR  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2003-02-25  
[86] 2001-08-23 (PCT/IL2001/000790)  
[87] 2002-02-28 (WO2002/016549)  
[30] US (60/227,853) 2000-08-25

## PCT Applications Entering the National Phase

[21] **2,420,591**  
[13] A1

[51] **Int.Cl. 7C12N 9/12 7A01K 67/027 7C12N 5/10 7C07K 16/40 7G01N 33/48 7C12Q 1/48 7C12N 15/54 7C12N 15/63 7C12Q 1/68**

[25] EN  
[54] **ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF**  
[54] **PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR CES PROTEINES KINASES HUMAINES ET UTILISATIONS ASSOCIEES**

[72] WEBSTER, MARION, US  
[72] KETCHUM, KAREN A., US  
[72] LI, ZHENYA, US  
[72] BEASLEY, ELLEN M., US  
[72] DI FRANCESCO, VALENTINA, US  
[71] APPLERA CORPORATION, US  
[85] 2003-02-24  
[86] 2001-08-24 (PCT/US2001/026260)  
[87] 2002-03-07 (WO2002/018553)  
[30] US (60/229,119) 2000-08-31  
[30] US (09/797,908) 2001-03-05

[21] **2,420,593**  
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A61K 38/00 7A61K 39/00 7C12N 5/00 7C12P 21/02 7C07H 21/04 7A61K 39/395 7C12N 15/63**

[25] EN  
[54] **TUMOR NECROSIS FACTOR RECEPTORS 6.ALPHA. AND 6.BETA.**  
[54] **RECEPTEURS DU FACTEUR DE NECROSE TUMORALE 6\$G(A) ET 6\$G(B)**

[72] RUBEN, STEVEN M., US  
[72] FENG, PING, US  
[72] NI, JIAN, US  
[72] YU, GUO-LIANG, US  
[72] GENTZ, REINER L., US  
[72] EBNER, REINHARD, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2003-02-24  
[86] 2001-08-24 (PCT/US2001/026396)  
[87] 2002-03-07 (WO2002/018622)  
[30] US (60/227,598) 2000-08-25  
[30] US (60/252,131) 2000-11-21  
[30] US (60/303,224) 2001-07-06

[21] **2,420,659**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **GENES EXPRESSED IN THE CELL CYCLE**

[54] **GENES EXPRIMES DANS LE CYCLE CELLULAIRE**  
[72] JUNG, KENNETH, US  
[72] WALKER, MICHAEL G., US  
[71] INCYTE GENOMICS, INC., US  
[85] 2003-02-25  
[86] 2001-08-27 (PCT/US2001/026682)  
[87] 2002-03-07 (WO2002/018575)  
[30] US (60/229,253) 2000-08-30

[21] **2,420,672**  
[13] A1

[51] **Int.Cl. 7C12N 9/68 7A61K 38/48 7C12N 9/74**

[25] EN  
[54] **ANTIANGIOGENIC POLYPEPTIDES AND METHODS FOR INHIBITING ANGIOGENESIS**

[54] **POLYPEPTIDES ANTIANGIOGENIQUES ET METHODES D'INHIBITION DE L'ANGIOGENESE**

[72] HENKIN, JACK, US  
[72] DAVIDSON, DONALD J., US  
[71] ABBOTT LABORATORIES, US  
[85] 2003-02-17  
[86] 2001-09-27 (PCT/US2001/042423)  
[87] 2002-04-04 (WO2002/026782)  
[30] US (09/675,226) 2000-09-29  
[30] US (09/942,704) 2001-08-31

[21] **2,420,696**  
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12N 15/00**  
[25] EN  
[54] **ISOLATED HUMAN DRUG-METABOLIZING PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF**

[54] **PROTEINES HUMAINES ISOLEES DE METABOLISATION DE MEDICAMENTS, MOLECULES D'ACIDES NUCLEIQUES ET UTILISATIONS ASSOCIEES**

[72] KETCHUM, KAREN A., US  
[72] BEASLEY, ELLEN M., US  
[72] DI FRANCESCO, VALENTINA, US  
[72] WEI, MING-HUI, US  
[72] YE, JANE, US  
[71] APPLERA CORPORATION, US  
[85] 2003-02-26  
[86] 2001-08-24 (PCT/US2001/026403)  
[87] 2002-03-07 (WO2002/018554)  
[30] US (60/228,893) 2000-08-30  
[30] US (09/784,340) 2001-02-16

[21] **2,420,705**  
[13] A1

[51] **Int.Cl. 7C07K 1/00 7C07H 21/02 7C12Q 1/68**

[25] EN  
[54] **17 HUMAN SECRETED PROTEINS**  
[54] **17 PROTEINES HUMAINES SECRETEES**

[72] WEI, PING, US  
[72] MOORE, PAUL A., US  
[72] KOMATSOULIS, GEORGE A., US  
[72] OLSEN, HENRIK S., US  
[72] EBNER, REINHARD, US  
[72] NI, JIAN, US  
[72] SOPPET, DANIEL R., US  
[72] SHI, YANGGU, US  
[72] BIRSE, CHARLES E., US  
[72] CHOI, GIL H., US  
[72] FISCELLA, MICHELE, US  
[72] DUAN, D. ROXANNE, US  
[72] BAKER, KEVIN P., US  
[72] ROSEN, CRAIG A., US  
[71] HUMAN GENOME SCIENCES, INC., US

[85] 2003-02-26  
[86] 2001-01-17 (PCT/US2001/001385)  
[87] 2002-03-21 (WO2002/022654)  
[30] US (60/231,969) 2000-09-12

## Demandes PCT entrant en phase nationale

---

[21] **2,420,724**  
[13] A1

[51] **Int.Cl. 7C12N 9/10 7C12N 15/29  
7C12N 15/82**  
[25] EN  
[54] **TRANSGENIC PLANTS  
CONTAINING MOLECULAR DECOYS  
THAT ALTER PROTEIN CONTENT  
THEREIN**  
[54] **PLANTES TRANSGENIQUES  
CONTENANT DES LEURRES  
MOLECULAIRES QUI MODIFIENT LA  
TENEUR EN PROTEINES**  
[72] LI, YAN, US  
[72] CONKLING, MARK A., US  
[71] NORTH CAROLINA STATE  
UNIVERSITY, US  
[85] 2003-02-26  
[86] 2001-08-28 (PCT/US2001/026788)  
[87] 2002-03-07 (WO2002/018607)  
[30] US (60/229,198) 2000-08-30

---

[21] **2,420,743**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **BIOSENSOR ASSAY DEVICE AND  
METHOD**  
[54] **DISPOSITIF ET METHODE  
D'ANALYSE UTILISANT UN  
BIOCAPTEUR**  
[72] WONG, WAH Y., CA  
[72] SEGAL, DONALD, CA  
[72] MCELROY, JERRY, CA  
[72] CHAO, HEMAN, CA  
[71] HELIX BIOPHARMA  
CORPORATION, CA  
[85] 2003-02-26  
[86] 2001-08-30 (PCT/CA2001/001246)  
[87] 2002-03-07 (WO2002/018952)  
[30] US (09/654,191) 2000-09-01

---

[21] **2,420,960**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/027  
7C12N 5/10 7A61K 38/17 7C07K 16/28  
7G01N 33/577 7G01N 33/68 7C12Q 1/68  
7C07K 14/705**  
[25] EN  
[54] **POTASSIUM CHANNEL  
INTERACTORS AND USES THEREFOR**  
[54] **PROTEINES D'INTERACTION DE  
CANAUX POTASSIQUES (PCIP) ET  
LEURS PROCEDES D'UTILISATION**  
[72] LING, HUAI-PING, US  
[72] BETTY, MARIA, US  
[72] AN, WENQIAN, US  
[72] RHODES, KENNETH, US  
[71] MILLENIUM PHARMACEUTICALS,  
INC., US  
[71] AMERICAN HOME PRODUCTS  
CORPORATION, US  
[85] 2003-03-19  
[86] 2001-09-27 (PCT/US2001/030463)  
[87] 2002-04-04 (WO2002/026984)  
[30] US (09/670,756) 2000-09-27  
[30] US (09/703,094) 2000-10-31

## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] **2,357,419**  
[13] A1  
[51] Int.Cl. 7E01F 13/02 7B60T 3/00  
7B32B 3/02  
[25] EN  
[54] **PARKING STOP MADE FROM RECYCLED TIRES**  
[54] **BUTOIR DE STATIONNEMENT FABRIQUE DE PNEUS RECYCLES**  
[72] BOVE, RICK L., US  
[71] BOVE, RICK L., US  
[22] 2001-09-18  
[43] 2003-02-11

---

[21] **2,416,318**  
[13] A1  
[51] Int.Cl. 7C07K 14/33 7C07K 19/00  
7A61K 39/08 7A61K 38/16 7C12N 15/66  
[25] EN  
[54] **SOLUBLE, RECOMBINANT BOTULINUM TOXIN PROTEINS**  
[54] **PROTEINES RECOMBINANTES SOLUBLES DE LA TOXINE BOTULINIQUE**  
[72] FIRCA, JOSEPH R., US  
[72] THALLEY, BRUCE S., US  
[72] KINK, JOHN A., US  
[72] PADHYE, NISHA V., US  
[72] WILLIAMS, JAMES A., US  
[72] STAFFORD, DOUGLAS C., US  
[71] OPHIDIAN PHARMACEUTICALS, INC., US  
[22] 1995-10-23  
[43] 1996-05-02  
[62] 2,203,504  
[30] US (08/329,154) 1994-10-24  
[30] US (08/405,496) 1995-03-16  
[30] US (08/422,711) 1995-04-14  
[30] US (08/480,604) 1995-06-07

---

[21] **2,419,411**  
[13] A1  
[51] Int.Cl. 7H04B 15/00 7H04Q 7/36  
[25] EN  
[54] **ADAPTIVE CANCELLATION OF FIXED INTERFERERS**  
[54] **ANNULATION ADAPTATIVE DE SIGNAUX BROUILLEURS FIXES**  
[72] MESECHER, DAVID K., US  
[72] OZLUTURK, FATI H M., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[22] 1999-01-07  
[43] 1999-09-16  
[62] 2,322,941  
[30] US (09/038,922) 1998-03-12

---

[21] **2,419,457**  
[13] A1  
[51] Int.Cl. 7A61B 18/02 7A61B 18/04  
[25] EN  
[54] **SELECTIVE ORGAN COOLING APPARATUS AND METHOD**  
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN ORGANE SELECTIONNE**  
[72] DOBAK, JOHN D., III, US  
[72] LASHERAS, JUAN C., US  
[71] INNERCOOL THERAPIES, INC., US  
[22] 1999-06-15  
[43] 1999-12-29  
[62] 2,335,997  
[30] US (09/103,342) 1998-06-23  
[30] US (09/215,038) 1998-12-16

---

[21] **2,419,532**  
[13] A1  
[51] Int.Cl. 7F28B 1/02 7F28D 15/02  
[25] EN  
[54] **INTEGRATED HEAT PIPE VENT CONDENSER**  
[54] **CONDENSEUR VENTILE INTEGRE A DES TUYAUX CHAUFFES**  
[72] RUSH, GREGORY C., US  
[71] HUDSON PRODUCTS CORPORATION, US  
[22] 2000-09-21  
[43] 2001-08-07  
[62] 2,320,493  
[30] US (09/498,842) 2000-02-07

---

[21] **2,419,700**  
[13] A1  
[51] Int.Cl. 7B01J 19/18 7G05D 23/19  
[25] EN  
[54] **PARALLEL REACTOR WITH INTERNAL SENSING AND METHOD OF USING SAME**  
[54] **REACTEURS EN PARALLELE A DETECTION INTERNE ET MODE D'UTILISATION CORRESPONDANT**  
[72] VAN ERDEN, LYNN, US  
[72] DALES, G. CAMERON, US  
[72] NIELSEN, RALPH B., US  
[72] VAN BEEK, JOHANNES A. M., US  
[72] HAJDUK, DAMIAN A., US  
[72] MANSKY, PAUL, US  
[72] WANG, PEI, US  
[72] TURNER, HOWARD, US  
[72] MATSIEV, LEONID, US  
[72] MCFARLAND, ERIC, US  
[71] SYMYX TECHNOLOGIES, INC., US  
[22] 1999-08-12  
[43] 2000-02-24  
[62] 2,306,807  
[30] US (60/096,603) 1998-08-13  
[30] US (09/177,170) 1998-10-22  
[30] US (09/211,982) 1998-12-14

## Canadian Divisional and Previously Unavailable Laid-Open applications

---

[21] **2,419,735**

[13] A1

[51] **Int.Cl. 7G07B 17/02**

[25] EN

[54] **MAIL PROCESSING SYSTEM  
WITH UNIQUE MAILPIECE  
AUTHORIZATION ASSIGNED IN  
ADVANCE OF MAILPIECES  
ENTERING CARRIER SERVICE MAIL  
PROCESSING STREAM**

[54] **SYSTEME DE TRAITEMENT DU  
COURRIER AVEC IDENTIFICATEUR  
EXCLUSIF ATTRIBUE PAR UN  
SERVICE DE TRANSPORT AVANT LA  
PREPARATION DU COURRIER**

[72] PINTSOV, LEON A., US

[72] CORDERY, ROBERT A., US

[71] PITNEY BOWES INC., US

[22] 1995-10-03

[43] 1996-04-05

[62] 2,159,754

[30] US (08/317,515) 1994-10-04

# Index of Canadian Patents Issued

April 22, 2003

## Index des brevets canadiens délivrés

22 avril 2003

AASEN, STEVEN M.	2,192,075	BAYER CORPORATION	2,072,693	BRODACK, JAMES W.	2,113,995
ABBOTT LABORATORIES	2,022,436	BAYER CORPORATION	2,189,587	BROOKS, CHRISTOPHER J.	2,261,475
ABBOTT LABORATORIES	2,043,862	BAYER CORPORATION	2,253,869	BRUNETTE, JAMES ROBERT	2,178,187
ABBOTT LABORATORIES	2,114,327	BECTON, DICKINSON AND COMPANY	2,163,393	BTG INTERNATIONAL LIMITED	2,117,471
ADRENALINE RESEARCH INC.	2,281,621	BECTON, DICKINSON AND COMPANY	2,261,462	BUARD, JEROME	2,134,539
ADVANCED IMMUNI T, INC.	2,101,075	BECTON, DICKINSON AND COMPANY	2,261,475	BUSE, FREDERIC W.	2,198,410
AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE	2,105,607	BEER, ALLEN DALE	2,295,941	BUSUIOC, MARIUS-NICOLAE	2,188,881
AKHTAR, IKBAL A.	2,113,643	BEIMESCH, WAYNE EDWARD	2,268,060	CABELL, DAVID WILLIAM	2,295,743
AKITA, EIJI	2,319,663	BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,234,977	CAMP, FRANK, JR.	2,077,622
AKZO N.V.	2,074,329	BELL, JACKIE M.	2,266,598	CAPELLI, CHRISTOPHER C.	2,263,473
ALBERTINI, CARLO	2,236,458	BERENZWEIG, ADAM L.	2,267,589	CAPON, DANIEL J.	1,341,427
ALEX, PATRICK	2,219,483	BERESNEV, LEONID L.	2,193,563	CARRIER CORPORATION	2,308,380
ALMERS, WOLFHARD	2,098,295	BERKOWITZ, RENEE	2,323,908	CASSELMAN, PATRICK H.	2,270,039
AMBROISE, BENOIT	2,148,129	BESTLER, CAITLIN B.	2,170,785	CAUSEY, JAMES D., III	2,374,407
AMITANI, HISAO	2,242,981	BETTER BILT PRODUCTS, INC.	2,077,622	CAUWET, DANIELE	2,060,803
AMSZI, JOHN W.	2,321,936	BEUTLER, SCOTT DAVID	2,178,187	CCI SPECTRUM, INC.	2,175,464
ANTEX BIOLOGICS INC.	2,253,636	BH ELECTRONICS, INC.	2,208,593	CELEBUSKI, JOSEPH E.	2,022,436
ANTONUS, ROGER ALFONS CAMILLE	2,141,874	BHIDE, RAJEEV	2,239,187	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)	2,106,399
AOKI, MASAOKI	2,277,734	BILLOTTE, ANNE	2,292,673	CHEN, EDDIE	2,310,363
AOMORI, TAKASHI	2,080,134	BISSON, MICHEL	2,367,542	CHEN, JINSHAN	2,253,869
APPLE COMPUTER, INC.	2,077,173	BLINOV, LEV	2,193,563	CHEN, MICHAEL	2,077,173
APPLE COMPUTER, INC.	2,365,604	BLOHM, JEFFREY M.	2,091,112	CHIRON CORPORATION	2,137,793
APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	2,088,368	BOARD OF TRUSTEES OF LELAND STANFORD JR. UNIVERSITY (THE)	2,076,386	CHOI, YOUNG KWON	2,304,784
AQUA-ION SYSTEMS, INC.	2,211,302	BOARD OF TRUSTEES OF LELAND STANFORD JR., UNIVERSITY (THE)	2,076,386	CHRYSLER CORPORATION	2,134,817
ARCHAMBAULT, PIERRE	2,106,399	BOHM, ANDREW	2,137,793	CIUFFETELLI, MARK	2,134,817
ARIO, PAULA D.	2,192,075	BORDIGNON, CLAUDIO	2,170,757	CLOS, JOACHIM	2,096,975
ARMSTRONG WORLD INDUSTRIES, INC.	2,189,935	BORST, SIMON C.	2,298,937	C-MAC INVOTRONICS INC.	2,129,628
ASMO CO., LTD.	2,211,449	BOTT, WOLFGANG	2,310,709	COATES, GEORGES R.	2,117,291
AT&T CORP.	2,243,688	BOUILLOUX, ALAIN	2,219,483	CODACOV, LYNN MARIE	2,043,862
AT&T CORP.	2,245,979	BOUMA, STANLEY ROBERT	2,022,436	COLLERET, BERNARD	2,106,399
AUBE, JEAN-YVES	2,046,039	BOURSNELL, MICHEAL E. G.	2,091,678	CONSTIEN, VERNON	2,242,679
AUTOTORQUE INTERNATIONAL AB	2,138,269	BOUTON, JOHN C.	2,117,291	CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE (CNIM)	2,098,657
AYOUB, MOHAMAD	2,261,503	BOYD, EDWARD ANDREW	2,117,471	COOK, GORDON JAMES	2,210,020
BABA, TOSHIMITSU	2,300,799	BOYD, JACK DOUGLAS	2,144,410	COSTALL, BRENDA	2,117,471
BABB, JOE HENRY	2,242,663	BOYD, WILLIAM GLEN	2,340,109	COTTING, MARIE- CHRISTINE	2,211,015
BAILEY, ARTHUR ROBERT	2,210,020	BRISTOL-MYERS SQUIBB COMPANY	2,239,187	COWAN, JAMES A., JR.	2,254,033
BAKER, ELLEN SCHMIDT	2,243,965	BRITISH TELECOMMUNICATION S PUBLIC LIMITED	2,188,881	COX, JOHN COOPER	2,207,741
BALL, THOMAS J.	2,300,587	BRITTELLI, DAVID R.	2,253,869	CRISTIANO, GARY MICHAEL	2,178,187
BANERJEE, VIKRAM K.	2,237,972			CROOK, ROBERT JAMES	2,281,580
BARNHOLTZ, STEVEN LEE	2,295,743			CROWSTON, KEVIN	2,156,917
BASF AKTIENGESELLSCHAFT	2,243,002			CSL LIMITED	2,207,741
BASF CORPORATION	2,112,862			CYTEC TECHNOLOGY CORP.	2,144,410
BAXTER INTERNATIONAL INC.	2,098,402			CZUBKO, MYRON	2,252,552
BAYER CORPORATION	2,060,631			D. D. STUD, INC.	2,053,812
BAYER CORPORATION	2,061,520			DA LUZ MORAES, LUCIANO	2,308,380
				DAHER, LAWRENCE J.	2,061,520



**Index of Canadian Patents Issued  
April 22, 2003**

DANIELE, JOSEPH TAYLOR	2,175,464	FEAR, ANNA LISA	2,137,793	HAMPTON DIRECT INC.	2,205,793
DANIELSEN, PETER JOHN	2,300,587	FINKOWSKI, JAMES W.	2,224,523	HAN, CHIEN-CHUNG	2,134,440
DARRIEUX, JEAN-LOUIS	2,089,209	FITZGERALD, JAMESINA		HANOUN MEDICAL INC.	2,253,034
DAUPLAISE, DAVID L.	2,060,631	ANNE	2,239,433	HANOUN, REED	2,253,034
DAVIS, BOB	2,090,351	FLOCKHART, ANDREW D.	2,298,937	HARBOUR MANAGEMENT	
DE JONG, MARTINUS T. M.	2,113,995	FLOWERVE MANAGEMENT		SERVICES LIMITED	2,264,743
DE KRAMER, JACOBUS JAN	2,243,002	COMPANY	2,198,410	HARDING, VALERIE DENISE	2,292,673
DE NANTEUIL, GUILLAUME	2,308,780	FONTAYNE, DIEGO Y.	2,261,475	HARTLEY, HARRY A., III	2,170,785
DECRAMER, JOHN E.	2,208,593	FRANZ PLASSER		HARTMAN, FREDERICK	
DEGNAN, THOMAS F., JR.	2,112,261	BAHNBAUMASCHINEN-		ANTHONY	2,243,965
DEL FABRO, GIORGIO	2,057,783	INDUSTRIEGESELLSCH		HASHIMOTO, SHIGEO	2,277,734
DEL FABRO, MARCELLO	2,057,783	AFT M.B.H.	2,081,088	HAVEN, NEIL	2,252,552
DELBY, SUZANNE M.	2,043,862	FRAZER, IAN	2,207,741	HEATON, JOHN MICHAEL	2,096,421
DELLAROCAS,		FRECHE, ALAIN	2,071,148	HEHNER, REINHARD	2,264,804
CHRYSANTHOS	2,156,917	FULTON, STANLEY E.	2,053,812	HEINONEN, RISTO J.	2,256,879
DEPIERNE, OTTO S.	2,060,631	FUNG, ELLA Y.	2,253,951	HEIST, BRENT MICHAEL	2,282,405
DEPOMED SYSTEMS,		GAIKOWSKI, MICHAEL D.	2,254,033	HERAEUS KULZER GMBH &	
INCORPORATED	2,132,012	GALYAMETDINOV, YURI G.	2,193,563	CO. KG	2,280,632
DEUTSCH, EDWARD A.	2,113,995	GARNER, WILLIAM D.	2,043,862	HIRAMATSU, KATSUHIKO	2,301,088
DEUTSCHE TELEKOM AG	2,193,563	GATCO	2,261,503	HIROTSUJI, JUNJI	2,242,981
DEVEIKIS, JOHN K.	2,254,033	GAUDREAU, MARIO	2,054,463	HISAKA WORKS LIMITED	2,080,134
DEVEREUX, ROBERT		GAUGUIER, DOMINIQUE	2,134,539	HITACHI CABLE, LTD.	2,211,449
WILLIAM JOHN	2,096,423	GAUTIER, ELISABETH		HOGNESS, DAVID S.	2,076,386
DIEL, GERALD PETER	2,119,934	COLETTE LOUISE	2,281,580	HOPPER, LAWRENCE CLAY	2,144,410
DING, CHARLES Z.	2,239,187	GAYNES, STEPHEN JOHN	2,178,187	HORIE, KATSUO	2,316,299
DINGSOR, ANDREW D.	2,248,062	GENENTECH, INC.	1,341,427	HORII, KOJI	2,211,449
DIXON, BRIAN R.	2,253,869	GENERAL ELECTRIC		HORIUCHI, TAMAKI	2,264,960
DOHERTY, LANCE	2,212,933	RAILCAR SERVICES		HOUAMED, KHALED M.	2,098,295
DOMOLECZNY, JAMES		CORPORATION	2,254,033	HOUDE, STEPHANIE L.	2,077,173
DENNIS SR.	2,178,187	GFI CONTROL SYSTEMS INC.		HOWE, MICHAEL W.	2,321,936
DOWNUM, WESLEY	2,323,908		2,279,149	HUBESCH, BRUNO ALBERT	
DUBIEF, CLAUDE	2,060,803	GFI CONTROL SYSTEMS,		JEAN	2,243,965
DUBLER, ROBERT E.	2,114,327	INC.	2,203,842	HUGHES, ANDREW	2,210,020
DUBOIS, JEAN-MARIE	2,106,399	GIBOULT, ALAIN	2,046,039	HULLAND, BURTON LOUIS	2,084,077
DUHACK, MICHAEL R.	2,291,909	GILBERT, LAURENT	2,211,015	HUME, JAMES M.	2,175,464
DULTZ, WOLFGANG	2,193,563	GILLBERRY, WILFRED A.	2,264,743	HUNT, JOHN T.	2,239,187
DUNFORD, JOSEPH		GIRARD, FRANCIS	2,135,469	HURNIK, JAKUB	2,279,149
R.(DECEASED)	2,203,139	GLOANEC, PHILIPPE	2,308,780	HURRELL, JOHN GORDON	
DUNSBERGEN, KIRK M.	2,232,428	GLOBAL PALM PRODUCTS		ROWAN	2,088,368
DURAND, DOMINIQUE	2,074,329	SDN. BHD.	2,270,344	HYDRO AGRI SLUISKIL B.V.	2,141,874
DUSART, GERARD	2,105,607	GO, SUNG SOO	2,282,397	HYMUS, FRANCIS C.	2,298,937
DVORAK, JAN	2,233,319	GOEDEMANS, WILHELMUS		ICHIKAWA, YUKIO	2,316,299
ECOLAB INC.	2,277,298	T.	2,113,995	IDA, YUTAKA	2,298,479
EDLUND, DAVID J.	2,393,475	GREEN, CHRISTOPHER	2,279,149	IDATECH, LLC	2,393,475
EDWARDS, STIRLING JOHN	2,207,741	GREGORY, TIMOTHY J.	1,341,427	IGAUE, TAKAMITSU	2,300,799
EIBL, JOHANN	2,068,630	GROTE, JONATHAN	2,114,327	IIO, KENICHI	2,298,479
ELF ATOCHEM S.A.	2,219,483	GROVER, WAYNE D.	2,212,933	IMMUNO	
ELO TOUCHSYSTEMS, INC.	2,242,663	GS DEVELOPMENT AB	2,027,833	AKTIENGESELLSCHAFT	2,068,630
ELSENBAUMER, RONALD L.	2,134,440	GUDESEN, HANS GUDE	2,294,164	INGLIS, STEPHEN C.	2,091,678
EMERSON ELECTRIC CO.	2,291,909	GUSTAVSSON, BO	2,258,198	INSTITUT FRANCAIS DU	
EMMOTT, STEPHEN J.	2,246,780	GUTIERREZ, ANTONIO	2,034,717	PETROLE	2,075,562
ENDRESS + HAUSER GMBH +		HAARTSEN, JACOBUS		INTERLINK ELECTRONICS,	
CO.	2,310,709	CORNELIS	2,264,746	INC.	2,141,952
ENSTAD, GISLE GOTFRED	2,063,649	HAASE, CHRISTOPHER L.	2,249,920	INTERNATIONAL BUSINESS	
ENVIRO PRODUCTS LTD.	2,133,366	HAASE, WOLFGANG	2,193,563	MACHINES	
ENVIROSEAL ENGINEERING		HAGEN, FREDERICK		CORPORATION	2,248,062
PRODUCTS, LTD.	2,203,139	STAMNER	2,098,295	IPL INC.	2,054,463
ERDRICH, ALBERT	2,280,632	HAGENAH, GERHARD	2,119,458	IRASCHKO, RAINER R.	2,212,933
ESHLEMAN, J. MICHAEL	2,189,935	HAI LOO TRADING PTE LTD.	2,270,344	ISHIHARA, HIDENORI	2,211,449
ETAT FRANCAIS	2,134,539	HAILEY, CHARLES D.	2,278,526	ISHII, KAZUO	2,273,128
EUROPEAN COMMUNITY		HAKANSSON, HAKAN	2,027,833	ISHIKAWA, YOHEI	2,298,479
(EC)	2,236,458	HALENBECK, ROBERT	2,137,793	ISOVER SAINT-GOBAIN	2,046,039
EXXONMOBIL CHEMICAL		HALVERSON, JOY	2,233,319	ITO, FUMITAKA	2,287,054
PATENTS INC.	2,034,717	HAMADA, MASANORI	2,321,291	IWASA, TSUYOSHI	2,234,812
FARGKLAMMAN AB	2,258,198	HAMAMATSU PHOTONICS		JAGENBERG	
FATEHI, MOHAMMAD	2,314,853	K.K.	2,127,647	AKTIENGESELLSCHAFT	2,027,055

**Index des brevets canadiens délivrés  
22 avril 2003**

JAGENBERG		LOEWEN, MYRON	2,298,392	MINSON, ANTHONY C.	2,091,678
PAPIERTECHNIK GMBH	2,264,804	L'OREAL	2,060,803	MITEK HOLDINGS, INC.	2,249,920
JANCARIK, JARMILA	2,137,793	LOWENHAR, HERMAN		MITEL, INC.	2,270,039
JANIK, RAYMOND G.	2,288,087	LEONARD	2,084,077	MITRA, DEBASIS	2,266,157
JAY-LOR FABRICATING INC.	2,316,092	LUCAS, JOHN M.	2,295,769	MITSUBA CORPORATION	2,211,917
JENKINS, RICHARD		LUCENT TECHNOLOGIES		MITSUBISHI DENKI	
MICHAEL	2,096,421	INC.	2,266,157	KABUSHIKI KAISHA	2,242,981
JENKINS, RICHARD		LUCENT TECHNOLOGIES		MITSUBISHI HEAVY	
MICHAEL	2,096,423	INC.	2,267,589	INDUSTRIES, LTD.	2,319,663
JENNMAR CORPORATION	2,281,240	LUCENT TECHNOLOGIES		MITSUI CHEMICALS INC.	2,205,205
JOHNSON, DENNIS E.J.	2,211,302	INC.	2,298,937	MITT, TOOMAS	2,239,187
JOHNSON, GRAHAM I.	2,246,780	LUCENT TECHNOLOGIES		MIYOSHI, YOSHIHIKO	2,209,345
JUSTICE, BARBARA LYNN	2,041,299	INC.	2,300,587	MIZUNO, HIROSHIGE	2,240,691
KAFKA, LEONARD	2,134,817	LUCENT TECHNOLOGIES		MOBERG, SHELDON B.	2,374,407
KANDASAMY,		INC.	2,314,853	MOBIL OIL CORPORATION	2,112,261
MANIVANNAN	2,268,060	LUIJKS, GERARDUS M.J.F.	2,108,997	MOBIL PLASTICS EUROPE,	
KANTOR, JUDITH	2,102,623	LUNDBERG, ROBERT DEAN	2,034,717	INC.	2,148,129
KAROL, THOMAS J.	2,079,646	M.E.P. MACCHINE		MOGILEVSKI, MIKHAIL	2,236,458
KASHIWAZAKI, SHIGERU	2,211,449	ELETTRONICHE		MORI, HIDETAKA	2,319,663
KATSURAO, TAKUMI	2,316,299	PIEGATRICI S.P.A.	2,057,783	MORI, MASAO	2,264,960
KAWAHARA, TATSUYA	2,251,189	MACFADDEN, D.K.	2,101,075	MORRISON, JOHN A.	2,266,157
KAYAERT, ANDRE FIRMIN	2,141,874	MALLINCKRODT INC.	2,113,995	MORTON INTERNATIONAL,	
KELLY, MARY ELIZABETH	2,117,471	MALLINCKRODT INC.	2,253,951	INC.	2,225,667
KENNEDY, WILLIAM J.	2,155,753	MALONE, THOMAS W.	2,156,917	MOTOROLA, INC.	2,178,187
KHADIM, NEIL	2,203,842	MANCUSO, JAMES	2,279,149	MOUNT SINAI HOSPITAL	
KIKUTA, TOMOYUKI	2,211,449	MANDAI, SHIGEMI	2,319,663	CORPORATION	2,054,602
KIM, SOONG-HOON	2,239,187	MANDEL, SHELDON W.	2,270,237	MOWERY, FAYE	2,091,112
KIM, SUNG-HOU	2,137,793	MARKUSCH, PETER H.	2,072,693	MULLER, GEORG	2,264,804
KLOS, TERRY J.	2,277,298	MAROCCO, NORBERT	2,212,607	MULLER, WILHELM	2,119,934
KLOSTER, RICHARD J.	2,254,033	MASSACHUSETTS		MULVIHILL, EILEEN RANAE	2,098,295
KNOLL, HEIKO-CHRISTIAN	2,027,055	INSTITUTE OF		MURASE, TUTOMU	2,247,707
KNOX, WAYNE HARVEY	2,314,853	TECHNOLOGY	2,156,917	MURATA MANUFACTURING	
KOBAK, ROGER L.	2,105,591	MASSCHELEIN, AXEL	2,243,965	CO., LTD.	2,298,479
KOELLE, MICHAEL R.	2,076,386	MASUDA, HIROSHI	2,321,291	MURPHY, DERMOT J.	2,275,073
KOL OHR CORPORATION	2,084,077	MATAGA, PETER ANDREW	2,300,587	MUTHIAH, JENO	2,225,667
KOLBLIN, ROBERT	2,310,709	MATECHUK, WILLIAM	2,076,330	MYERS, JOHN P.	2,270,237
KONINKLIJKE PHILIPS		MATHEWS, EUGENE P.	2,298,937	MYREN, ERIC	2,098,402
ELECTRONICS N.V.	2,108,997	MATHEWS, RODERIC G.	2,321,936	NADEAU, JAMES G.	2,163,393
KOTHS, KIRSTON E.	2,137,793	MATSUNAGA, SHIN-YA	2,205,205	NAGAI, AISAKU	2,316,299
KUEMMERLE, STEVEN C.	2,043,862	MATSUSHITA ELECTRIC		NAGELE, ALBERT LEO	2,178,187
KUHN, DONNA R.	2,114,327	INDUSTRIAL CO., LTD.	2,301,088	NAGELL, BERNT	2,063,649
KUREHA KAGAKU KOGYO		MATSUSHITA ELECTRIC		NAKAMURA, SHIGEYUKI	2,127,647
KABUSHIKI KAISHA	2,316,299	INDUSTRIAL CO., LTD.	2,321,291	NAKASE, SHIGEKI	2,127,647
LACE EFFECT, LLC	2,205,981	MATTERN, MARKUS	2,235,243	NAKAYAMA, SHIGEKI	2,242,981
LACE, JEFFREY J.	2,205,981	MATTINGLY, PHILLIP		NATIONAL RESEARCH	
LAMAH, AHMAD	2,261,503	GREGORY	2,043,862	COUNCIL OF CANADA	2,277,556
LANE, THERESA L.	2,043,862	MAVILIO, FULVIO	2,170,757	NCR CORPORATION	2,246,780
LARSSON, KARE	2,027,833	MAYTAG CORPORATION	2,232,428	NEC CORPORATION	2,247,707
LARUE, JOSEPH	2,075,562	MAYTAG CORPORATION	2,270,237	NEC CORPORATION	2,273,128
LAURAIN, NATHALIE	2,211,015	MAYTAG CORPORATION	2,275,019	NEDEZ, CHRISTOPHE	2,211,015
LE BLANC, FRANK X.	2,133,366	MCCLELLAND, STEPHEN T.	2,275,073	NEIFERT, LEONARD	2,234,977
LEAD CHEMICAL CO., LTD.	2,264,960	MCCORMICK, FRANCIS	2,152,941	NELSON, ERIK B.	2,242,679
LEBLANC, MICHAEL JUDE	2,282,405	MC GEE, JOHN	2,112,862	NETIQ CORPORATION	2,340,109
LEE, HEON HAN	2,304,784	MCKEEN, MARK R.	2,266,598	NGK INSULATORS, LTD.	2,240,691
LEE, HYUNG J.	2,261,462	MEDVA EUROPE LIMITED	2,222,713	NICHOLL, EDWARD	2,225,667
LEE, JINTAE	2,156,917	MEDTRONIC MINIMED, INC.	2,374,407	NIPPON STEEL	
LEFEBVRE, LOUIS-PHILIPPE	2,277,556	METSO AUTOMATION OY	2,256,879	CORPORATION	2,288,666
LEFTHERIS, KATERINA	2,239,187	MILLER, GRANVILLE G.	2,134,440	NISSING, NICHOLAS JAMES	2,295,743
LEISTAD, GEIRR I.	2,294,164	MILLER, KATHLEEN M.	2,113,995	NOBLE, GARDINER A.	2,134,817
LERMITE, CHRISTOPHE	2,075,562	MILLER, MELVIN N.	2,117,291	NODA, NAOMI	2,240,691
LES LABORATOIRES		MINNESOTA MINING AND		NORANDA IPCO INC.	2,295,769
SERVIER	2,308,780	MANUFACTURING		NORDAL, PER-ERIK	2,294,164
LI, CHIA-CHANG	2,243,688	COMPANY	2,041,299	NORSCAN INSTRUMENTS	
		MINNESOTA MINING AND		LTD.	2,298,392
LITTLE, ANDREA JOLLY	2,177,430	MANUFACTURING		NORSK HYDRO A.S.	2,063,649
LIU, LINSHU	2,277,110	COMPANY	2,192,075	NOUGUEZ, BRUNO	2,071,148

**Index of Canadian Patents Issued  
April 22, 2003**

NUMAR CORPORATION	2,117,291	RAMAKRISHNAN,		GOVERNMENT OF THE	
NUMATA, KAZUKI	2,084,741	KAJAMALAI		UNITED KINGDOM OF	
NYCZ, COLLEEN MARIE	2,163,393	GOPALASWAMY	2,266,157	GREAT BRITAIN AND	
NYLSTAR	2,316,819	RAVI, JAGANNATHAN	2,108,997	NORTHERN IRELAND	
OCHIAi, KIYOSHI	2,084,741	REHOR, KENNETH G.	2,300,587	(THE)	2,096,423
OHASHI, YORIKO	2,287,054	REIMAN, MARTIN I.	2,298,937	SEERY, JUDITH B.	2,298,937
OHTA, TSUYOSHI	2,127,647	REMKE, MARK	2,077,622	SEGRAVES, WILLIAM A.	2,076,386
OKADA, YUKIHIKO	2,209,345	RENGER, HERMAN LEE	2,374,407	SEIDL, ROBERT H.	2,077,173
ONYX PHARMACEUTICALS	2,152,941	RETZLAFF, GUNTER	2,243,002	SF-KOOPERATION GMBH	
OPRESCU, FLORIN	2,365,604	RHONE-POULENC FIBER		BETON-KONZEPTE	2,119,458
ORQUEST, INC.	2,277,110	AND RESIN		SHACKLETTE, LAWRENCE	
OZAWA, TATEKI	2,242,981	INTERMEDIATES	2,211,015	W.	2,134,440
PAEK, UN KIL	2,257,166	RICHARDS, ANDREW JOHN		SHADE-O-MATIC LIMITED	2,212,607
PALMGREN, CHRISTER	2,081,187	MCGLASHAN	2,222,713	SHAH, NAVIN B.	2,225,667
PANDIT, JAYVARDHAN	2,137,793	RICKER, MARK	2,234,977	SHANK, DARYL DEE	2,163,393
PARK, CHUL MIN	2,304,784	ROBINSON, GRENVILLE		SHAPE ELECTRONICS, INC.	2,288,087
PARKER, JEFFREY B.	2,252,552	ARTHUR	2,088,368	SHAPIRA, ELIJAHU	2,340,109
PARSONS, PHILIP JAMES	2,117,471	ROCHA, GERALD F.	2,155,753	SHELL, JOHN W.	2,132,012
PATIN, PIERRE	2,098,657	ROCHE DIAGNOSTICS GMBH		SHIBAGAKI, YUKINARI	2,240,691
PAULOS, MANLEY A.	2,061,520		2,170,757	SHIH, STUART S.	2,112,261
PAVILION TECHNOLOGIES,		ROCHE DIAGNOSTICS GMBH		SHIM, YONG HO	2,304,784
INC.	2,066,159		2,235,243	SHO-BOND CORPORATION	2,209,345
PAVILION TECHNOLOGIES,		ROGGENSTEIN, WALTER	2,316,819	SHOJI, HIROMASA	2,288,666
INC.	2,066,458	ROJEY, ALEXANDRE	2,075,562	SHUR, DAVID HILTON	2,245,979
PAWSON, ANTHONY	2,054,602	ROLANDO, JOHN J.	2,277,298	SISKEN, HAROLD R.	2,113,643
PAYNE, LEROY	2,187,093	ROLM SYSTEMS	2,091,112	SKEIRIK, RICHARD D.	2,066,159
PE CORPORATION (NY)	2,233,319	ROSENBLUM, EPHRAIM	2,295,769	SKEIRIK, RICHARD D.	2,066,458
PEDERSEN, OVE	2,101,075	ROSSATO, ERIDE	2,119,148	SLAVIK, WILLIAM H.	2,286,228
PEDERSEN, THOR	2,135,619	ROSTHAUSER, JAMES W.	2,072,693	SMERZNAK, MARK ALLEN	2,295,115
PEITL, FRIEDRICH	2,081,088	ROY, CARL J.	2,271,509	SMITH, WILLIAM L.	2,295,649
PELLERIN, VINCENT	2,316,819	RUDOLPH, NEAL	2,270,039	SMOCK, STEVE W.	2,291,909
PELLETIER, SYLVAIN	2,277,556	RUPIN, ALAIN	2,308,780	SNPE	2,071,148
PENNZOIL-QUAKER STATE		SAINTE-FOI, DANIEL	2,046,039	SOCIETE ANONYME DITE :	
COMPANY	2,321,936	SAKASHITA, MASAO	2,288,666	AEROSPATIALE	
PENTLAND, BRIAN	2,156,917	SALLWASSER, ALAN J.	2,271,509	SOCIETE NATIONALE	
PERCEPTRON, INC.	2,252,552	SAM YANG CO., LTD.	2,304,784	INDUSTRIELLE	2,089,209
PERRY, MARCO CARROLL	2,261,462	SAMSUNG ELECTRONICS		SOCIETE HISPANO SUIZA	2,135,469
PETER, WALTER H.	2,129,628	CO., LTD.	2,282,397	SONG, JIN DEOG	2,304,784
PETERS, HANS-FRIEDRICH	2,264,804	SAVERY, WINSOR T.	2,261,503	SONG, WON R.	2,034,717
PETITJEAN, MAURICE	2,148,129	SAVIC, NOVICA	2,280,632	SONY CORPORATION	2,097,411
PFIZER INC.	2,281,580	SAWYER, FRANCOIS	2,081,187	SOTO BUSTAMANTE,	
PFIZER INC.	2,287,054	SCHAEFER, ROBERT J.	2,189,587	EDUARDO A.	2,193,563
PFIZER INC.	2,292,673	SCHAFFNER, UWE	2,316,819	SPEARS, PATRICIA ANNE	2,163,393
PHAROAH, MARSHALL W.	2,270,039	SCHIEDEL, RICHARD	2,279,149	SPIRO, ROBERT C.	2,277,110
PICHLER, LUDWIG	2,068,630	SCHLOM, JEFFREY	2,102,623	STANGE, FRANK	2,280,632
PLEDGER, WILLIAM A.	2,393,475	SCHLUMBERGER CANADA		STANKUS, JOHN C.	2,281,240
PLOSILA, LAURA	2,253,636	LIMITED	2,242,679	STC FOOTWEAR INC.	2,367,542
POPE, NICHOLAS ROBERT	2,222,713	SCHLUMBERGER CANADA		STEVENSON, TAMARA	2,233,319
POST, ROGER A.	2,271,509	LIMITED	2,271,509	STEWART, WILLIAM D.	2,275,073
POWELL, CYNTHIA	2,246,939	SCHMIDT, THOMAS R.	2,091,112	STIRBIS, JAMES S.	2,105,591
PRASCHL, WILHELM	2,081,088	SCHRADER-BRIDGEPORT		STOBIE, ALAN	2,281,580
PREFERRED MACHINING		INTERNATIONAL, INC.	2,275,073	STOLTZ, KLAS	2,258,198
CORPORATION	2,105,591	SCHWARZ, HANS P.	2,068,630	STUDEBAKER, TODD	2,393,475
PROVERB, ROBERT J.	2,060,631	SCOTT, PATRICIA BRINKLEY		SUGISHITA, HIDEAKI	2,319,663
PUCHALSKA, TERESA	2,280,632		2,163,393	SULLIVAN, PHILIP F.	2,242,679
PUGIA, MICHAEL J.	2,189,587	SECRETARY OF STATE FOR		SUMITOMO BAKELITE	
PURITS, VALENTIN	2,270,039	DEFENCE IN HER		COMPANY, LIMITED	2,234,812
QIU, XIAOPING	2,242,679	BRITANNIC MAJESTY'S		SUMITOMO RUBBER	
RABII, KHOSRO M.	2,170,785	GOVERNMENT OF THE		INDUSTRIES, LTD.	2,084,741
RABINDRAN, SRIDHAR	2,096,975	UNITED KINGDOM OF		SUMITOMO SPECIAL	
RAHIKKALA, ARVO	2,256,879	GREAT BRITAIN AND		METALS CO., LTD.	2,277,734
RAHMAN, SONIA	2,290,504	NORTHERN IRELAND		SURUTZIDIS, ATHANASIOS	2,282,405
RAIDER, WESLEY ALAN	2,041,299	(THE)	2,096,421	SUZUKI, MASAHIRO	2,209,345
RAJAGOPALAN, RAGHAVAN	2,253,951	SECRETARY OF STATE FOR		TADOKORO, KENICHIRO	2,288,666
		DEFENCE IN HER		TAKAHASHI, AKIRA	2,240,691
		BRITANNIC MAJESTY'S		TAKAHASHI, TOSHIYUKI	2,097,411

**Index des brevets canadiens délivrés  
22 avril 2003**

TAKAYASU, MASAKATSU	2,279,884	THIN FILM ELECTRONICS		YANIGER, STUART I.	2,141,952
TAKIGUCHI, IWAO	2,097,411	ASA	2,294,164	YOON, HYE JEONG	2,304,784
TAMAOKI, HIDETSUNE	2,264,960	THOMAS, YANNIG	2,277,556	YOSHIDA, YASUSHI	2,211,917
TAMMINGA, JACOB R.	2,316,092	THOMPSON, VIRGIL R.	2,275,019	YOUNT, GARY L.	2,105,591
TANAKA, HIROAKI	2,298,479	TIRPAK, ROBIN E.	2,072,693	YUGE, HIROSHI	2,242,981
TANAKA, TAKESHI	2,211,449	TIRSCHLER, EHRENFRIED A.	2,316,625	ZABEL, JOHN R.	2,270,039
TANIMURA, YASUHIRO	2,242,981	TITMUSS, RICHARD JOHN	2,188,881	ZELEZNIAK, ALEKSANDR	2,245,979
TAYLOR, ERIC	2,137,793	TOYOTA JIDOSHA		ZENITH ELECTRONICS	
TAYLOR, JOHN Z.	2,298,937	KABUSHIKI KAISHA	2,251,189	CORPORATION	2,170,785
TAYLOR, KENDAL L.	2,281,240	TRELEAVEN, PHILIP C.	2,246,780	ZIPPERLING KESSLER &	
TECHNICAL PRODUCTS		TREMBLAY, DENIS	2,183,001	CO.(GMBH & CO.)	2,134,440
GROUP, INC.	2,286,228	TSUJIMOTO, MOTOYOSHI	2,234,812	ZYMOGENETICS, INC.	2,098,295
TELCORDIA		TUCKER, KENNETH	2,253,636		
TECHNOLOGIES, INC.	2,323,908	UNI-CHARM CORPORATION	2,300,799		
TELECOMMUNICATIONS		UNIROYAL CHEMICAL			
RESEARCH		COMPANY, INC.	2,113,643		
LABORATORIES	2,212,933	UNITED WIRE LIMITED	2,210,020		
TELEFONAKTIEBOLAGET		UNNITHAN, UNNIKRISHNAN			
LM ERICSSON	2,081,187	RAMACHANDRAN	2,270,344		
TELEFONAKTIEBOLAGET		URBAN, ERNST-GUNTHER	2,027,055		
LM ERICSSON	2,264,746	VALLIERES, JEAN-GUY	2,205,793		
THAMARUS, FRANCIS W.	2,198,410	VALLIERES, JEAN-PIERRE	2,205,793		
THE BOARD OF REGENTS OF		VAN BRUNT, ROGER	2,365,604		
THE UNIVERSITY OF		VAN DIJK, PAUL IRMA			
WASHINGTON	2,098,295	ALBERTUS	2,290,504		
THE GOVERNMENT OF THE		VAN ZANDT, MICHAEL	2,253,869		
UNITED STATES OF		VANDERBILT (R.T.)			
AMERICA, AS		COMPANY, INC.	2,079,646		
REPRESENTED BY THE		VANDYNE, EDWARD	2,281,621		
SE CRETARY,		VELCRO INDUSTRIES B.V.	2,155,753		
DEPARTMENT OF		VERBEUREN, TONY	2,308,780		
HEALTH AND HUMAN		VERGNAUD, GILLES	2,134,539		
SERVICES	2,096,975	VOKEY, DAVID E.	2,298,392		
THE PILLSBURY COMPANY	2,224,523	WADA VENTURES	2,090,351		
THE PROCTER & GAMBLE		WAITE, DAVID CHARLES	2,281,580		
COMPANY	2,239,433	WAKUMOTO, HIROSHI	2,205,205		
THE PROCTER & GAMBLE		WALTERS, DANIEL A.	2,261,462		
COMPANY	2,243,965	WALTERS, DANIEL A.	2,261,475		
THE PROCTER & GAMBLE		WATTERBACK, PAUL			
COMPANY	2,257,722	GUNNAR	2,138,269		
THE PROCTER & GAMBLE		WEBB, ELIZABETH ANN	2,207,741		
COMPANY	2,268,060	WEIL, WILLIAM W.	2,105,591		
THE PROCTER & GAMBLE		WEINBERGER, ERIC PATTON			
COMPANY	2,282,405		2,257,722		
THE PROCTER & GAMBLE		WEISSHAPPEL, ROBERT N.	2,178,187		
COMPANY	2,290,504	WELCH, CHRISTOPHER			
THE PROCTER & GAMBLE		JOSEPH	2,043,862		
COMPANY	2,295,115	WESTWOOD, TIMOTHY J.	2,096,975		
THE PROCTER & GAMBLE		WILLIAMS, ROBERT M.	2,090,351		
COMPANY	2,295,743	WILSON, GEOFFREY D.	2,242,663		
THE PROCTER & GAMBLE		WINTER, CHRISTOPHER			
COMPANY	2,295,941	SIMON	2,188,881		
THE REGENTS OF THE		WINTER, GERHARD	2,235,243		
UNIVERSITY OF		WOLANIN, GERALD L.	2,270,237		
CALIFORNIA	2,137,793	WU, CARL	2,096,975		
THE UNITED STATES OF		WUNDERLICH, DANIEL F.	2,232,428		
AMERICA, AS		XENOVA RESEARCH			
REPRESENTED BY THE		LIMITED	2,091,678		
DEPARTMENT OF		XTECH EXPLOSIVE			
HEALTH AND HUMAN		DECONTAMINATION			
SERVICES	2,102,623	INC.	2,237,972		
THE UNIVERSITY OF		YABLONSKY, SERGEI	2,193,563		
QUEENSLAND	2,207,741	YAGYU, HIDEKI	2,211,449		
THE WEATHER CHANNEL,		YAMAMOTO, RALPH	2,137,793		
INC.	2,266,598	YAMAMOTO, TUTOMU	2,080,134		
THEURER, JOSEF	2,081,088	YAN, TSOUNG-YUAN	2,112,261		

**Index of Canadian Patents Issued  
April 22, 2003**

# Index of Canadian Laid-Open Applications

March 30, 2003 - April 5, 2003

## Index des demandes canadiennes mises à la disponibilité du public

30 mars 2003 - 5 avril 2003

A S M I	2,358,368	BAYER		CORDIS CORPORATION	2,405,934
AFTANAS, JEFFREY M.	2,390,987	AKTIENGESELLSCHAFT	2,406,295	COX, GRAYSON	2,406,420
AGEL, FRIEDERIKE	2,405,623	BAZZO, MAURIZIO	2,406,561	CREO PRODUCTS INC.	2,358,169
AGRI COVERS, INC.	2,407,385	BEAULNE, MICHAEL A.	2,406,758	CREO PRODUCTS INC.	2,358,201
AHMADVAND, NIMA	2,358,206	BENKEL, MATTHIAS	2,405,630	CRESSWELL, LEE	2,406,557
AIRBUS FRANCE	2,397,190	BERNIER, DANIEL	2,358,177	CROMWELL, ROGER S.	2,386,315
AIRBUS FRANCE	2,405,395	BERRSFORD, ROY	2,406,557	CRONIN, KEVIN J.	2,406,541
AIRBUS FRANCE	2,405,910	BERTALAN, RICHARD PAUL	2,397,463	CUTTER, WESTON L.	2,406,705
AITAKA, KAZUHIKO	2,406,014	BETCHER, TRAVIS P.	2,406,705	D B INDUSTRIES, INC.	2,406,705
AKIYAMA, YUJI	2,406,350	BETZDEARBORN INC.	2,405,323	DAIFUKU CO., LTD.	2,405,381
ALAMPI, UGO	2,399,841	BEUCHER, JEAN-CHRISTIAN	2,405,395	DAINIPPON INK AND	
ALSTOM	2,405,001	BEYNON, MURRAY	2,358,198	CHEMICALS, INC.	2,358,141
AMETEK, INC.	2,390,392	BIEN, FRANK C.	2,379,458	DANSREAU, PAUL RICHARD	2,405,337
ANDERSON, DEAN D.	2,406,397	BIERWITH, ROBERT S.	2,405,755	DAUPHIN ENTWICKLUNGS-	
ANNAND, RITCHIE IAN	2,358,670	BILO, DETLEV	2,358,177	U. BETEILIGUNGS-	
AOYAMA, KUNIYAKI	2,405,472	BISHOP, BOB	2,358,279	GBMH	2,405,252
ARJO LIMITED	2,405,886	BISHOP, GARY JOHN	2,359,739	DAWSON, CHRISTOPHER	
ARMBRUSTER, MICHAEL D.	2,390,731	BLACKBURN, ROBERT JOHN	2,406,098	BYRON	2,358,137
ARMBRUSTER, MICHAEL		BOHLER EDELSTAHL GMBH	2,405,278	DAZET, FRANCIS	2,405,395
DEAN	2,393,097	BOSCARIOL, TIZIANO	2,406,561	DE LAFORCADE, VINCENT	2,405,032
ARMSTRONG, ANDREW		BOTZEM, JORG	2,405,920	DEFLANDRE, JEAN-PIERRE	2,405,014
BERNARD	2,358,937	BOUEVITCH, OLEG	2,405,191	DERR-MACBRIDE, CAROL	2,406,098
ASAI, YASUYUKI	2,400,262	BOYER, LEMOYNE	2,403,060	DEUTSCHES	
ASBACH, RONALD M.	2,389,126	BRAMLETT, BOBBY R.	2,403,060	KREBSFORSCHUNGSZE	
ASKIN, CLINTON G.	2,361,968	BRIESE, WILLIAM A.	2,391,729	NTRUM	2,406,877
ASULAB S.A.	2,406,578	BRISCO, DAVID PAUL	2,401,068	DEXTER AXLE COMPANY	2,405,911
AT&T BROADBAND	2,406,098	BROCKMANN, ROLF	2,406,295	DOBSON, JAMES W., JR.	2,406,784
AT&T CORP.	2,406,576	BROWN, BRYAN M.	2,393,123	DOPPEL CO., LTD.	2,358,376
AUBER, PHILIPPE	2,406,299	BROWN, PAUL	2,359,529	DORADO, DONEIL M.	2,403,060
AUST, NICOLA CHRISTIANE	2,405,920	BROWN, PAUL	2,406,318	DOUGALL, KEVIN G.	2,406,071
AUSTIN, BARRY J.	2,406,705	BRUNEAU, MARC	2,358,648	DOURLENS, HERVE H.	2,406,299
B.M.R. MFG. INC.	2,358,181	CADD, MITCHELL LEE	2,406,557	DREISBACH, CLAUS	2,405,623
BABIN, DENIS	2,358,187	CAMBRONNE, LEMOINE		DRESSER-RAND COMPANY	2,406,299
BACHER, ERWIN	2,406,295	IVAN	2,359,124	DRIESSEN-HOLSCHER,	
BACHMANN, BRIAN O.	2,414,570	CANAC INC.	2,358,173	BIRGIT	2,405,623
BADERSPACH, JEROME	2,405,910	CANNA, JOHN S.	2,390,731	DUNBAR, MARK EDWARD	2,363,857
BAKER, STEVEN L.	2,397,463	CANON KABUSHIKI KAISHA	2,406,350	EBBERTS ENTERPRISES,	
BALLENDAT, MARTIN	2,405,252	CANON KABUSHIKI KAISHA	2,406,351	L.L.C.	2,358,335
BAPST, DAVID M.	2,393,118	CANON KABUSHIKI KAISHA	2,406,571	EBBERTS, JEFFREY N.	2,358,335
BARBIERI, LORENZO	2,405,315	CARPINI, WALTER JOSEPH	2,358,174	ECOPIA BIOSCIENCES INC.	2,414,570
BARNES, ROBERT CREGG	2,405,644	CASAGRANDE, ARNAUD	2,406,578	EDGAR, ROBERT F.	2,402,827
BARNES, ROBERT CREGG	2,405,933	CAVAILLES, GUY	2,405,395	EDWARDS, CHRISTOPHER	
BARRON, JOEL	2,361,415	CFM CORPORATION	2,406,557	CHARLES	2,358,246
BASF		CHATTERJI, JITEN	2,386,315	EDWARDS, STEPHEN	
AKTIENGESELLSCHAFT	2,405,920	CHAUMEL, PASCAL	2,405,395	PATRICK	2,358,246
BATESVILLE SERVICES, INC.		CHEN, TING-HSING	2,358,350	ELVINCO TECHNOLOGIES	
	2,372,940	CHIMFWEMBE, PATRICK		INC.	2,358,355
BATESVILLE SERVICES, INC.		CHILUFYA	2,358,382	ELVIN-JENSON, FLEMMING	2,358,355
	2,398,512	CHOI, MIN-JO	2,387,940	ELYSIUM BROADBAND INC.	2,358,379
BATESVILLE SERVICES, INC.		CLARKE, NICHOLAS GUY	2,404,536	ENERSUL INC	2,358,287
	2,406,420	COFFEY, CHADWICK C.	2,365,473	ETTORI, IGNAZIO	2,406,598
BAUTISTA, DERRICK A.	2,405,628	COLLINS-THOMPSON,		EVELEY, NICHOLAS	2,406,302
BAYER		DAVID	2,405,628	EXANTUS, CARL	2,359,655
AKTIENGESELLSCHAFT	2,405,623	COMPAS S.R.L.	2,399,841	FAR GREAT PLASTICS	
		COOK, ROBERT LANCE	2,401,068	INDUSTRIAL CO. LTD.	2,358,350

**Index of Canadian Laid-Open Applications  
March 30, 2003 - April 5, 2003**

FARNET, CHRIS M.	2,414,570	HAGAN, GEORGE	2,406,420	ITOH, HIROSHI	2,405,271
FEATHERLITE, INC.	2,363,289	HALLIBURTON ENERGY		ITW AUTOMOTIVE	
FELLENBERG, KURT	2,406,877	SERVICES, INC.	2,386,315	PRODUCTS GMBH & CO.	
FENIK, LARRY R.	2,403,810	HALLMARK CARDS,		KG	2,405,630
FINKENBINDER, DAVID B.	2,390,392	INCORPORATED	2,365,473	JAC PRODUCTS, INC.	2,390,987
FISCHELL, DAVID R.	2,405,934	HAMMOND, ERNEST		JAIRAM, MARC C.	2,358,379
FISCHELL, ROBERT E.	2,405,934	KENNETH	2,404,536	JAMES, DANIEL ZACHARY	2,359,739
FISCHELL, TIM A.	2,405,934	HANLONG IND. CO., LTD.	2,358,398	JAMES, DOUGLAS JOHN	2,359,739
FISCHER, ANDREAS	2,405,920	HASEGAWA, OSAMU	2,406,014	JDS UNIPHASE INC.	2,405,191
FISHER, KAY	2,405,278	HASEI, SHOJI	2,405,207	JEFFERY, ROSS A.	2,358,379
FISHER, LARRY M.	2,406,398	HATAMI-HANZA, HAMID	2,358,206	JIN, DONGXING	2,358,382
FISHER, SCOTT LEE	2,405,644	HAUSER, NICOLE	2,406,877	JOCHEM, DAVID JOHN	2,405,644
FISHER, SCOTT LEE	2,405,933	HEIL, TOM	2,406,420	JOCHEM, DAVID JOHN	2,405,933
FITZGERALD, KAREN	2,390,798	HERBUT, DAVID E.	2,358,307	JOGI, ERIKA	2,360,056
FITZGERALD, KAREN	2,393,097	HERREN, ANDREW JAMES	2,361,415	JOHNSON, MICHAEL WAYNE	
FITZGERALD, KAREN	2,393,123	HETHERINGTON, MARK	2,358,158		2,405,416
FLAGG, MICHAEL J.	2,365,473	HEYDRICH, GUNNAR	2,405,920	JULIEN, CHRISTINE E.	2,390,313
FLORY, ISAAC L., IV	2,361,913	HIBINO, KOUETSU	2,400,262	KABUSHIKI KAISHA KOBE	
FOUQUET, JACQUES	2,404,776	HLADIK, WILLIAM J., JR.	2,405,373	SEIKO SHO (KOBE	
FRANSEN, RENATUS		HOLBROOK, RUSSELL W.	2,406,586	STEEL, LTD.)	2,402,827
IGNATIUS JOSEPHUS	2,406,588	HONDA CANADA		KABUSHIKI KAISHA	
FRANSEN, RENATUS		INCORPORATED	2,406,071	TOSHIBA	2,402,946
IGNATIUS JOSEPHUS	2,406,708	HONDA GIKEN KOGYO		KABUSHIKI KAISHA	
FREEMAN, SCOTT	2,402,976	KABUSHIKI KAISHA	2,405,207	TOSHIBA	2,406,293
FRESHFLOW SYSTEMS CC	2,358,002	HONDA GIKEN KOGYO		KAJIO, KATSUHIRO	2,400,262
FUJITA, TAKASHI	2,406,350	KABUSHIKI KAISHA	2,406,014	KALLESEN, DARRYL H.	2,405,857
FUJITA, YASUHIRO	2,405,664	HORI, TOSHIHIKO	2,358,141	KANE, MICHAEL T.	2,390,731
FUJIWARA, HIDEKI	2,406,142	HUANG, HSUN-HUI LIN	2,358,351	KARIMI ZIARANI, ALIREZA	2,359,445
FUKUDA, KOUICHI	2,358,141	HUBBELL INCORPORATED	2,361,913	KENNEDY, MICHAEL R.	2,403,873
FYTOKEM PRODUCTS INC.	2,358,158	HUDSON, CHRISTOPHER A.	2,361,913	KIM, HYUN SOOK	2,405,580
GAGNE, GUY	2,359,762	HUGHES, ROBERT E., JR.	2,365,473	KIM, SUNG HWAN	2,405,580
GALLANT, MICHAEL S.	2,407,385	HUGHES, W. JAMES	2,363,857	KING, BOBBY J.	2,386,315
GARTNER, JASON MICHAEL	2,358,563	HUIBERS, JOHN S.	2,358,173	KINNIS, RALPH ARTHUR	2,358,337
GAWLITTA, WERNER	2,406,389	HULAN, LINDA	2,358,302	KINNO, AKIRA	2,406,293
GENERAL ELECTRIC		HUNG, MING-HUA	2,358,147	KIYOMOTO, MORIAKI	2,402,946
COMPANY	2,405,444	HUON, SERGE	2,358,368	KOBAYASHI, TAKAO	2,405,207
GIBBS, SAM GAVIN	2,403,060	HUR-BEN, TAMIR	2,406,610	KOLDER, ROBERT D.	2,406,541
GIESECKE, HEINZ	2,406,295	HUSCO INTERNATIONAL,		KONISHI, MIEKO	2,365,757
GLASS EQUIPMENT		INC.	2,406,499	KOOL L.L.C.	2,406,397
DEVELOPMENT, INC.	2,391,729	HYAKUTAKE, YOSHINORI	2,405,664	KRAFT FOODS HOLDINGS,	
GOLDSTEIN, KOBI	2,358,169	HYNE, JAMES B.	2,358,287	INC.	2,405,644
GOLDSTEIN, KOBI	2,358,201	IBM CANADA LIMITED-IBM		KRAFT FOODS HOLDINGS,	
GOTTSCHALK, REINER	2,406,295	CANADA LIMITEE	2,358,563	INC.	2,405,933
GRACO CHILDREN'S		IFKOVITS, EDWARD M..	2,406,586	KT CORPORATION	2,405,580
PRODUCTS, INC.	2,390,313	IGUCHI, RYOSUKE	2,406,350	KUIBIRA, AKIRA	2,404,582
GRACO CHILDREN'S		IIDA, TETSUO	2,405,207	KURARAY CO., LTD.	2,405,271
PRODUCTS, INC.	2,390,314	IKEDA, MITSUSHI	2,406,293	KUWABARA, NOBUYUKI	2,406,571
GRACO CHILDREN'S		INAGAKI, TOSHIYUKI	2,400,262	LAM, ANDY	2,383,403
PRODUCTS, INC.	2,390,321	IND-SWIFT LIMITED	2,405,918	LEE, BYUNG-JO	2,387,940
GRANT, JAMES	2,358,339	INDUSTRIAL AND		LEHRMAN, IRA SCOTT	2,406,098
GREEN, MICHAEL JOHN	2,406,557	ENVIRONMENTAL		LELY ENTERPRISES AG	2,405,913
GREGER, JEFF G.	2,390,314	CONCEPTS, INC.	2,407,385	LELY ENTERPRISES AG	2,405,938
GRIST, MARK ERNEST	2,358,287	INDUSTRIAL HARD		LELY ENTERPRISES AG	2,405,941
GROEMMINGER, BRIAN K.	2,372,940	CHROME, LTD.	2,406,404	LELY ENTERPRISES AG	2,406,353
GROUFFAL, CHRISTIAN	2,405,014	INOUE, RYOJI	2,406,571	LELY ENTERPRISES AG	2,406,354
GUBITOSI, DOMENIC T.	2,390,798	INSTITUT FRANCAIS DU		LELY ENTERPRISES AG	2,406,355
GUBITOSI, DOMENIC		PETROLE	2,405,014	LELY ENTERPRISES AG	2,406,359
THOMAS	2,393,097	INTERNATIONAL BUSINESS		LELY ENTERPRISES AG	2,406,588
GUBITOSI, DOMENIC		MACHINES		LELY ENTERPRISES AG	2,406,708
THOMAS	2,393,123	CORPORATION	2,405,373	LEPONEN, MAURI	2,405,897
GUERET, JEAN-LOUIS	2,405,042	INTIER AUTOMOTIVE INC.	2,402,976	LES INDUSTRIES TROVAC	
HABICHER, MICHAEL F.	2,406,500	ISHII, HIDEO	2,358,141	LIMITEE	2,358,648
HADASIT MEDICAL		ISHIKURA, AKIRA	2,402,946	LEUTNER, KURT	2,406,433
RESEARCH SERVICES		ISHINAGA, HIROYUKI	2,406,571	LIGMATECH	
AND DEVELOPMENT		ITO, SHUZO	2,402,827	AUTOMATIONSSYSTEM	
COMPANY LTD.	2,406,610	ITO, YOSHIAKI	2,358,555	E GMBH	2,403,936

**Index des demandes canadiennes mises à la disponibilité du public  
30 mars 2003 - 5 avril 2003**

LIMPERT, ALEXANDER	2,405,630	MOTOROLA, INC.	2,401,938	QUASER S.R.L.	2,406,561
LOCKWOOD, GEOFFREY R.	2,406,684	MULLEN, THOMAS J.	2,358,129	QUEEN'S UNIVERSITY AT KINGSTON	2,406,684
LONG, DOUGLAS G.	2,406,586	NAKATA, HIROHIKO	2,404,582	QUICK, DIETER	2,405,663
L'OREAL	2,405,032	NATIONAL UNIVERSITY OF SINGAPORE	2,406,610	RAHBAR-DEHGHAN, FARIBORZ	2,358,007
L'OREAL	2,405,042	NATSUHARA, MASUHIRO	2,404,582	RAMSAY, TED	2,358,177
LU, PO-HAO	2,358,398	NETTLETON, C. J. DAVID	2,358,261	RAVNBO-WEST, PAUL	2,406,557
LUONG, QUANG A.	2,406,500	NEWHARD, DANIEL N.	2,390,321	REAVELL, JAMES A.	2,358,181
MACDON INDUSTRIES LTD.	2,370,891	NIIMI, HARUHISA	2,400,262	REEL SA	2,358,368
MACLEAN, ROBERT D.	2,358,173	NIPPON PAPER INDUSTRIES, CO., LTD.	2,406,142	REGAN, KEVIN	2,406,557
MADTER, RICHARD C.	2,406,500	NISHIHARA, SHIGEYOSHI	2,405,381	REMEDIOS, DERRICK	2,358,382
MAHLSTEDT, CURT JONATHAN	2,389,126	NOLEN, KENNETH BERNARD	2,403,060	REMILLARD, RHEAL G.	2,370,891
MALAH, DAVID	2,406,576	NONOMURA, FUMINARI	2,406,142	RESEARCH IN MOTION LIMITED	2,406,500
MALIBU ENGINEERING & SOFTWARE LTD.	2,358,670	NORDSON CORPORATION	2,403,810	REUBINOFF, BENJAMIN EITHAN	2,406,610
MANDLE, JAMES S.	2,405,933	NOVAK, PATRICK J.	2,406,705	REUNAMAKI, PAULI	2,405,897
MANKE, DARRIN S.	2,402,957	NOWACKI, PIOTR	2,414,570	REYNOLDS, MERITT WAYNE	2,358,169
MAPLE, DON	2,406,420	NUOVO PIGNONE HOLDING S.P.A.	2,405,315	REYNOLDS, MERITT WAYNE	2,358,201
MARK, BARRY DING KEN	2,358,174	NURMSE, AIME	2,360,056	REYNOLDS, TEDDY L.	2,405,857
MARSDEN, JEFFREY D.	2,390,392	NYSSSEN, PETER-ROGER	2,406,295	RHEIN, JOHN FRANCIS	2,393,118
MARSH, GREGORY ALAN	2,405,444	OCHI, TSUTOMU	2,400,262	RICHARDSON, PATRICK J.	2,401,938
MARSHALL, DALE F.	2,406,299	OGAWA, SHIRO	2,405,271	RING, LEV	2,401,068
MASSEY, GILLES RENE	2,359,460	OGURA, HIDEKI	2,406,571	RIOUX, DANIEL	2,359,655
MATHEW, ROSHY STAN	2,406,500	OHASHI, TETSUYA	2,406,571	ROCK RIDGE TECHNOLOGIES, CO.	2,403,873
MATSUKI, TOMOHIRO	2,358,141	OLARU, GEORGE	2,358,148	ROE, DONALD C.	2,405,323
MATSUURA, HIROSHI	2,365,757	OLARU, GEORGE	2,358,187	ROHM AND HAAS COMPANY	2,403,445
MATTEL, INC.	2,389,126	OLARU, GEORGE	2,405,879	RONCHIERI, ANDREA	2,405,315
MATTEL, INC.	2,390,731	ONO, HIROSHI	2,406,142	RONDOT, SEBASTIEN	2,405,910
MATTEL, INC.	2,393,097	OOE, SATOSHI	2,398,831	ROY, RENE	2,358,559
MATTEL, INC.	2,393,118	PACCAR INC	2,397,463	ROYCE TECHNOLOGIES LLC, A NEVADA CORPORATION	2,358,007
MATTEL, INC.	2,393,123	PALMER, ALAN K.	2,359,743	SAEKI, TAKASHI	2,405,271
MAUL, JOHN MARTIN	2,393,097	PARK, HYUK KOO	2,358,176	SAITO, KENICHIRO	2,358,376
MAURY, JEAN-PIERRE	2,397,190	PARK, SUNG EN	2,405,580	SAKAGAWA, TAKASHI	2,402,946
MAXCESS TECHNOLOGIES, INC.	2,400,878	PARKER, DANIEL J.	2,398,512	SAKAI, MIEKO	2,358,376
MAYTAG CORPORATION	2,402,957	PARSONS, JEREMY	2,358,267	SAMSUNG GWANGJU ELECTRONICS CO., LTD.	2,387,940
MCALPINE, JAMES B.	2,414,570	PATERNOSTRO, LUIZ MARCELO AUCELIO	2,358,563	SANO, TOMOMI	2,406,358
MCCARTNEY, MICHAEL J.	2,406,286	PAULY, BERNARD	2,397,190	SANTOS SA	2,404,776
MEINERS, LARRY G.	2,358,418	PELETON PHOTONIC SYSTEMS INC.	2,358,206	SAWADA, MITSUO	2,358,308
MESEGUER, BENJAMIN	2,405,623	PENINSULA ALLOY INC.	2,358,339	SCHAAFF, CARL D.	2,406,500
METAL-LITE, INC.	2,361,415	PERA, MARTIN FREDERICK	2,406,610	SCHNEIDER, TRAVIS	2,358,267
MEZZEDIMI, VASCO	2,405,315	PEREZ, LIBARDO A.	2,405,323	SCHOBER, STEPHEN D.	2,402,957
MICHIE, GORDON E.	2,390,987	PERRY, GARRY ERWIN	2,358,670	SCHOLZ, ULRICH	2,405,623
MILHAU, ALAIN	2,397,190	PESONEN, TARMO	2,405,897	SCHOTT GLAS	2,406,433
MILITZER, HANS-CHRISTIAN	2,405,623	PETERSON, DAVID	2,363,289	SCHROTH, JENNIFER A.	2,393,118
MILLER, R., CRAIG	2,390,392	PHASE TECHNOLOGIES, LLC	2,358,418	SCHULZ, FELIX	2,403,936
MINEAUD, GERARD	2,405,001	PHILLIPS, WILLIAM R.	2,358,181	SCHURMANN, KLAUS	2,406,389
MITCHELL, BRUCE	2,358,242	PIEDA, PETER STEVEN	2,358,174	SCHWEIGER, HERBERT	2,405,278
MITCHELL, BRUCE	2,406,842	PIRETTI, GIANCARLO	2,405,931	SCISSOM, JAMES DONALD	2,400,878
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,405,472	PIRON, GERARD	2,358,368	SCOTT, DONALD ALLAN	2,405,644
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,405,664	PITNEY BOWES INC.	2,406,586	SCOTT, DONALD ALLAN	2,405,933
MODERN, ALBERT	2,405,910	PLICHON, DANIEL	2,405,001	SEARS, WILLIAM R.	2,406,541
MOLD-MASTERS LIMITED	2,358,148	POLIZZOTTI, DAVID M.	2,405,323	SEBASTIAN, LOTHAR	2,406,389
MOLD-MASTERS LIMITED	2,358,187	POLYMER ENGINEERING LIMITED	2,404,536	SELLERS, LAMBERT F.	2,390,987
MOLD-MASTERS LIMITED	2,405,879	PORTA S.P.A.	2,406,598	SERTAPAK INC.	2,358,261
MOLONEY, LEONARD ARTHUR	2,359,232	POTTERWOOD, GARY RAY	2,405,234	SHAW, JOHN M.	2,357,527
MONASH UNIVERSITY	2,406,610	POTTER, DONALD R.	2,390,987	SHELL OIL COMPANY	2,401,068
MORAN, DAVID PATRICK	2,405,234	POULIOT, JEAN	2,358,559	SHIGEHARA, MASAKAZU	2,406,358
MORGAN, MICHAEL A.	2,407,385	PRESSLEY, OZZIE MOORE	2,403,445		
MORGAN, WILLIAM D.	2,407,385	PRINZ, THOMAS	2,405,623		
MORTON, CHRISTINE E.	2,406,684	PRO-CORD SPA	2,405,931		
		PUTTER, HERMANN	2,405,920		



**Index of Canadian Laid-Open Applications**  
**March 30, 2003 - April 5, 2003**

SHIMADA, KENZO	2,405,207	TEXAS UNITED CHEMICAL		WALSH, CHRISTOPHER P.	2,406,938
SHIMAMURA, KUNIIHIKO	2,405,271	COMPANY, LLC.	2,406,784	WAN, PING WAI	2,358,382
SHIMOYAMA, MIZUHO	2,406,142	THE FURUKAWA ELECTRIC		WANG, TANGYU	2,358,169
SHINER, ANDREW D.	2,406,500	CO., LTD.	2,365,757	WANG, TANGYU	2,358,201
SHINKODA, ICHIRO	2,358,169	THE MIBRO GROUP	2,383,403	WARNER-LAMBERT	
SHINKODA, ICHIRO	2,358,201	THE WOOSTER BRUSH		COMPANY	2,405,337
SHIRAISHI, TAKESHI	2,358,141	COMPANY	2,367,705	WEI, JUNG-TSUNG	2,358,130
SIEMPELKAMP MASCHINEN-		THERKILDSEN, CHARLES G.	2,406,404	WEI, JUNG-TSUNG	2,358,419
UND ANLAGENBAU		THEROND, JEAN-FRANCOIS	2,405,014	WEISS, HORST	2,406,389
GMBH & CO. KG	2,406,389	THIBERT, MARIO M. T.	2,414,473	WEPPNER, MARK H.	2,390,798
SIEMPELKAMP MASCHINEN-		THOMSON LICENSING S.A.	2,405,416	WEPPNER, MARK H.	2,393,123
UND ANLAGENBAU		TOKUDA, KOJI	2,402,827	WESKO LOCKS LTD.	2,386,116
GMBH & CO. KG	2,406,579	TONNIGS, BODO	2,403,936	WESKO LOCKS LTD.	2,406,427
SIMMONS, JAMES C.	2,402,827	TOYO MACHINERY &		WESSEL, CHRISTOPHER M.	2,372,940
SLUIMAN, HARM	2,358,563	METAL CO., LTD.	2,406,244	WESTWINKEL, FLORIAN G.	2,386,116
SMART TECHNOLOGIES INC.		TOYOTA JIDOSHA		WESTWINKEL, FLORIAN G.	2,406,427
	2,357,966	KABUSHIKI KAISHA	2,400,262	WILLIAMS, DANIEL J.	2,406,586
SMITH INTERNATIONAL,		TREMBLAY, DONALD	2,359,069	WMODE INC.	2,358,129
INC.	2,405,234	TREMBLAY, SYLVAIN S. T.	2,414,473	WONG, SUZANNE M.	2,401,938
SMITH, MICHELLE L.	2,405,373	TRESCO, KIM O.	2,406,784	WOODSIDE, STEVEN M.	2,358,326
SNIDER, GEOFFREY U.	2,370,891	TROPIC NETWORKS INC.	2,358,137	WOODSIDE, STEVEN M.	2,405,881
SOCIETE DES PRODUITS		TROPIC NETWORKS INC.	2,358,174	WU, HUANBO	2,390,392
NESTLE S.A.	2,405,628	TROPIC NETWORKS INC.	2,358,284	YAGAMI, YUICHI	2,400,262
SONNER, ROBERT	2,390,731	TROPIC NETWORKS INC.	2,358,382	YAMANASHI, SUMIYO	2,358,376
SONOCO DEVELOPMENT,		TUNG, PO-LUNG	2,358,352	YAMAZOE, MANABU	2,406,350
INC.	2,405,663	TUTHILL, JAMES C.	2,405,911	YU, KUO-PIN	2,358,188
SOPPIT, JOHN STEWART	2,358,336	TZOGANAKIS, COSTAS	2,358,143	YU, ZHIMIN	2,358,287
STADIUM CONSULTANTS		URECOATS		ZAMORA, FRANK	2,386,315
INTERNATIONAL INC.	2,358,198	MANUFACTURING, INC.	2,379,458	ZAZOPOULOS, EMMANUEL	2,414,570
STAFFA, ALFREDO	2,414,570	VALENTINE, PETER LORING	2,405,444	ZBORIL, THOMAS GEORGE	2,358,284
STARK, RONALD G.	2,406,758	VAN DEN BERG, KAREL	2,405,913	ZENG, YIXIN	2,400,262
STECK, WARREN	2,358,158	VAN DEN BERG, KAREL	2,405,938	ZHANG, WEI	2,403,445
STEEL STITCH		VAN DEN BERG, KAREL	2,405,941		
CORPORATION	2,406,398	VAN DEN BERG, KAREL	2,406,353		
STEMCELL TECHNOLOGIES		VAN DEN BERG, KAREL	2,406,354		
INC.	2,358,326	VAN DEN BERG, KAREL	2,406,355		
STEMCELL TECHNOLOGIES		VAN DEN BERG, KAREL	2,406,359		
INC.	2,405,881	VAN DEN BERG, KAREL	2,406,708		
STEPHENSON, DWIGHT	2,406,499	VAN DER KOOY, HUBERT			
STROK, TIMOTHY	2,406,541	ANTON	2,406,588		
SUEMATSU, KATSUKI	2,365,757	VAN LEPEREN, TACO	2,357,966		
SUGANUMA, HIROSHI	2,406,358	VAN NIEKERK, JAN			
SUMITOMO ELECTRIC		ANTONIE	2,358,002		
INDUSTRIES, LTD.	2,398,831	VAREL INTERNATIONAL,			
SUMITOMO ELECTRIC		INC.	2,394,212		
INDUSTRIES, LTD.	2,404,582	VAREL, DANIEL W., SR.	2,394,212		
SUMITOMO ELECTRIC		VITKALA, JORMA	2,405,897		
INDUSTRIES, LTD.	2,406,358	VOMBERG, RAINER	2,406,579		
SUZUKI, KOUHEI	2,406,293	VON SCHROETER, PHILIP	2,405,886		
SUZUKI, TOSHIYUKI	2,400,262	VOOGD, LUCIEN ELIZA			
TAKAHASHI, TSUYOSHI	2,400,262	NIELS	2,405,913		
TAKEDOMI, HARUMI	2,406,014	VOOGD, LUCIEN ELIZA			
TAKUSHIMA, MICHIKO	2,406,358	NIELS	2,405,938		
TALBOT, MAUREEN C.	2,361,989	VOOGD, LUCIEN ELIZA			
TAMGLASS LTD. OY	2,405,897	NIELS	2,405,941		
TANAKA, TATSUYA	2,406,351	VOOGD, LUCIEN ELIZA			
TANIGUCHI, YOSHIYA	2,406,244	NIELS	2,406,353		
TANKEL, JESSLYN E.	2,390,314	VOOGD, LUCIEN ELIZA			
TANOKURA, TOORU	2,405,271	NIELS	2,406,354		
TAO, MICHIKAZU JODY	2,397,463	VOOGD, LUCIEN ELIZA			
TASCHEREAU, RICHARD	2,358,559	NIELS	2,406,355		
TECHNOLOGY		VOOGD, LUCIEN ELIZA			
CONVERGENCE INC.	2,357,527	NIELS	2,406,359		
TENNANT, STEVEN C.	2,367,705	WADA, MIKIO	2,400,262		
TESMA INTERNATIONAL		WADDELL, KEVIN	2,401,068		
INC.	2,406,758	WADHWA, HARDEEP	2,405,918		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3-DIMENSIONAL PHARMACEUTICALS, INC.	2,419,600	APPERSON, MICHAEL	2,419,110	BASF PLANT SCIENCE GMBH	2,419,020
3M INNOVATIVE PROPERTIES COMPANY	2,418,331	APPERSON, MICHAEL	2,419,124	BASILEA PHARMACEUTICA AG	2,418,970
8SENS BIOGNOSTICS AG	2,417,714	APPLERA CORPORATION	2,420,591	BASTIAANS, HENRICUS MARIA MARTINUS	2,418,945
ABBOTT LABORATORIES	2,420,672	APPLERA CORPORATION	2,420,696	BATES, ELIZABETH	2,418,207
ABE, MIKI	2,419,657	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	2,413,078	BAUGHN, MARIAH R.	2,417,587
ABELLI, DINO E.	2,419,246	ARAI, NAOKO	2,419,979	BAUGHN, MARIAH R.	2,420,105
ABU EL ATA, NABIL, A.	2,419,153	ARAI, YASUKO	2,420,275	BAUMAN, KARL W.	2,419,229
ACAMPORA, ALPHONSE A.	2,415,292	ARCH DEVELOPMENT CORPORATION	2,418,982	BAUSCH & LOMB, INCORPORATED	2,419,582
ACCENTUS PLC	2,418,277	ARNDT, ANDREAS	2,419,507	BAYER AG	2,419,584
ADAMS, MICHAEL DAVID	2,400,806	ARNDT, THOMAS	2,419,138	BAYER CROPSCIENCE GMBH	2,418,945
ADAMS, THOMAS COLE	2,419,155	ARTIS, DEAN R.	2,419,580	BAYLOR COLLEGE OF MEDECINE	2,420,283
ADBEEP.COW, LLC	2,419,548	ASAKAWA, NAOKI	2,419,067	BEARD, RICHARD L.	2,418,988
ADVANCED LIFE SCIENCE INSTITUTE, INC.	2,419,046	ASANO, TSUTOMO	2,419,543	BEASLEY, ELLEN M.	2,420,591
ADVANCED MEDICAL OPTICS, INC.	2,415,252	ASHKENAZI, AVI J.	2,420,193	BEASLEY, ELLEN M.	2,420,696
AEA TECHNOLOGY QSA GMBH	2,419,585	ASSOUN, CHRISTIAN	2,414,083	BEAUFRERE, BERNARD	2,419,026
AGGARWAL, SUDEEPTA	2,419,541	ASTRAZENECA AB	2,417,594	BECKER, FRANZ JOSEF	2,419,241
AGILEVISION, L.L.C.	2,415,292	ATHERTON, PETER S.	2,417,616	BELHADJHAMIDA, HAKIM	2,418,265
AGRAFIOTIS, DIMITRIS K.	2,419,600	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	2,419,323	BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,419,161
AHVENAINEN, ARTO	2,419,537	ATOFINA	2,417,835	BELL, THOMAS W.	2,415,174
AKIYAMA, SEIICHI	2,419,288	AU-YOUNG, JANICE	2,420,105	BELSHAM, GRAHAM JOHN	2,418,746
AKZO NOBEL N.V.	2,419,981	AVENTIS PHARMA DEUTSCHLAND GMBH	2,418,084	BELTZ, JOHN P.	2,415,292
ALAM, M. KHAIRUL	2,419,134	AVERY DENNISON COMPANY	2,418,095	BEMIS, GUY	2,418,389
ALBAUGH, PAMELA	2,418,853	AYYAGARI, MADHU	2,419,582	BENDER, PAUL E.	2,417,241
ALBERT EINSTEIN HEALTHCARE NETWORK	2,420,054	AZIMZAI, YALDA	2,417,587	BENOWITZ, LARRY I.	2,419,456
ALBRECHT, CHRISTIAN	2,418,861	AZIMZAI, YALDA	2,420,105	BENVENUTI, ANGELO	2,418,987
ALCON, INC.	2,419,681	BABA, AKEMI	2,417,255	BEN-ZE'EV, AVRI	2,417,233
ALLEN, ROBERT J.	2,419,584	BABCOCK-HITACHI KABUSHIKI KAISHA	2,418,307	BERKLAND, CORY J.	2,419,115
ALLEN, SHELLEY JANE	2,420,051	BACHAS, LEONIDAS G.	2,419,156	BERLIN HEART AG	2,419,507
ALLERGAN, INC.	2,418,988	BADO, EMILE MICHEL	2,419,323	BERNIER, DANIEL	2,418,286
ALLIS, C. DAVID	2,420,277	BAKER, KEVIN P.	2,419,306	BERSHADSKY, ALEXANDER	2,417,233
ALSTOM	2,419,075	BAKER, KEVIN P.	2,420,192	BETTAN, MICHAEL	2,419,790
AMERICAN HOME PRODUCTS CORPORATION	2,420,960	BAKER, KEVIN P.	2,420,320	BETTI, GIULIO	2,418,987
AMGEN INC.	2,419,274	BAKER, KEVIN P.	2,420,392	BETTY, MARIA	2,420,960
AMOS, RICHARD A.	2,419,379	BAKER, PAUL	2,420,705	BEVACQUA, ANDREW J.	2,418,862
AMSHEY, STEFAN	2,418,496	BAKKOM, ANGELA W.	2,418,098	BEYER, GUNTER	2,416,443
AN, WENQIAN	2,420,960	BAKKOM, ANGELA W.	2,419,242	BIDESHI, DENNIS K.	2,419,157
ANANTHARAMAIAH, GATTADAHALLI M.	2,420,222	BAKKOM, ANGELA W.	2,419,243	BIGEY, PASCAL	2,419,790
ANANTHARAMAN, HELEN GILLIAN	2,418,285	BAKSHI, RAMAN K.	2,419,310	BIHAIN, BERNARD	2,418,779
ANANTHARAMAN, HELEN GILLIAN	2,419,026	BALLEVRE, OLIVIER	2,419,026	BINDER, DAVID M.	2,419,593
ANATEL CORPORATION	2,419,543	BALLOU, W. RIPLEY	2,420,234	BINDER, WILLIAM J.	2,419,593
ANDERSEN, CARSTEN	2,419,392	BANDIS, STEVEN D.	2,419,605	BIOMET MERCK GMBH	2,420,118
ANDERSEN, PER JUST	2,419,574	BANDMAN, OLGA	2,420,105	BIONICHE LIFE SCIENCES INC.	2,420,103
ANDRES, JOHN	2,419,110	BANVILLE, STEVEN C.	2,418,496	BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION	2,419,282
ANDRES, JOHN	2,419,124	BARAKAT, KHALED J.	2,419,310	BIOTICA TECHNOLOGY LIMITED	2,419,538
ANDRITZ OY	2,419,537	BARINGHAUS, KARL-HEINZ	2,418,084	BIRKETT, ASHLEY J.	2,419,182
ANGIOGENETICS SWEDEN AB	2,418,386	BARTHA, GABOR T.	2,419,126	BIRSE, CHARLES E.	2,419,306
APOVIA, INC.	2,419,182	BARTLETT, JULIE B.	2,417,594		
		BASF AKTIENGESELLSCHAFT	2,416,722		
		BASF AKTIENGESELLSCHAFT	2,418,749		
		BASF AKTIENGESELLSCHAFT	2,418,972		
		BASF AKTIENGESELLSCHAFT	2,419,275		

## Index of PCT Applications Entering the National Phase

BIRSE, CHARLES E.	2,420,192	CENTRE NATIONAL DE LA		COUNCIL OF SCIENTIFIC AND	
BIRSE, CHARLES E.	2,420,320	RECHERCHE		INDUSTRIAL RESEARCH	2,420,011
BIRSE, CHARLES E.	2,420,392	SCIENTIFIQUE (C.N.R.S.)	2,417,473	COURT, DONALD L.	2,419,322
BIRSE, CHARLES E.	2,420,705	CETUSIC, JEANNIE RACHEL		COX, STEPHEN T.	2,419,246
BJORK, ANDERS	2,419,641	PHILLIPS	2,418,208	CRAREN, MICHAEL J.	2,419,547
BLAMEY, PETER	2,419,319	CHADRABARTI, BIMAL K.	2,419,822	CREECH, CHRISTOPHER D.	2,418,848
BLEI, KEITH	2,419,294	CHALUP, MICHAEL S.	2,418,496	CROCI, PAUL C.	2,418,095
BOARD OF TRUSTEES OF THE		CHAN KA MING, EMIL	2,418,851	CROMLISH, JAMES A.	2,417,873
UNIVERSITY OF ILLINOIS	2,419,115	CHANDRARATNA,		CROOK, JOHN	2,419,125
BOGONI, ANTONELLA	2,419,539	ROSHANTHA A.	2,418,988	CRUZ, ANTHONY V.	2,419,014
BORA, UTPAL	2,420,011	CHANG, HAN	2,416,713	CURRANS, KEVIN G.	2,419,546
BORE, LOTHAR	2,419,459	CHANG, HUR-SONG	2,413,548	CURRANS, KEVIN G.	2,419,554
BOROWSKY, MARK L.	2,417,587	CHANG, SIMON C.	2,418,496	CURRIE, KEVIN S.	2,418,853
BOUGUELERET, LYDIE	2,418,779	CHAO, HEMAN	2,420,743	CZERWIEC, DANIEL	2,419,584
BOUR, BARBARA	2,418,779	CHAPMAN TECHNOLOGIES		DAFFO, ABEL	2,418,496
BRADLEY, DIANA L.	2,418,496	INCORPORATED	2,416,412	DAHL, CHRISTOPHER R.	2,418,496
BRAITHWAITE, GAVIN JAMES		CHAPMAN, GLENN HARRISON	2,416,412	DAIICHI PHARMACEUTICAL	
COLIN	2,419,128	CHASEN, RICHARD JEFFREY	2,419,053	CO., LTD.	2,420,275
BRATCHER, SHAWN R.	2,418,496	CHEN, ALICE	2,418,496	DAM, TAM C.	2,418,496
BREITENBUCHER, J. GUY	2,419,540	CHEN, GUILAN	2,420,406	DANA-FARBER CANCER	
BRIDON, JEAN-MICHEL	2,418,207	CHEN, JERRY S. J.	2,415,252	INSTITUTE	2,418,982
BRIERE, FRANCINE	2,418,207	CHEN, PATRICK P.	2,419,139	DANGIN, MARTIAL	2,419,026
BRISCOE, JAMES	2,419,851	CHEN, PATRICK P.	2,419,143	DANIEL, DAVID L.	2,418,645
BRISTOL-MYERS SQUIBB		CHEN, WENSHENG	2,418,496	DANIELS, SUSAN E.	2,418,496
COMPANY	2,413,596	CHEN, YUNGRWEI	2,419,119	DARD, MICHEL	2,419,423
BRISTOL-MYERS SQUIBB		CHERNYKH, SVITLANA I.	2,419,203	DAS, DEBOPRIYA	2,417,587
COMPANY	2,416,713	CHEUK, WAI LUN	2,415,240	DASKAL, IERACHIMIEL	2,420,054
BRITISH		CHILDREN'S MEDICAL		DAUNERT, SYLVIA	2,419,156
TELECOMMUNICATIONS		CENTER CORPORATION	2,419,456	DAVIDSON, DONALD J.	2,420,672
PUBLIC LIMITED		CHMURA, STEVEN J.	2,418,982	DAWBARN, DAVID	2,420,051
COMPANY	2,419,151	CHOI, GIL H.	2,419,306	DAYCO PRODUCTS, LLC	2,419,119
BRITISH		CHOI, GIL H.	2,420,192	DE BEUKELEER, WERNER	
TELECOMMUNICATIONS		CHOI, GIL H.	2,420,320	RENE IRENE	2,420,041
PUBLIC LIMITED		CHOI, GIL H.	2,420,392	DE CASTRO, EMORY S.	2,419,584
COMPANY	2,419,269	CHOI, GIL H.	2,420,705	DE NORA ELETTRODI S.P.A.	2,419,584
BROWN, DEVON	2,413,548	CHRETIEN, MICHEL	2,417,873	DECHERING, KOEN JACOB	2,419,981
BUCCI, CLAUDIO	2,418,941	CHUDZIK, STEPHEN J.	2,419,379	DELAVAL HOLDING AB	2,419,641
BUDWORTH, PAUL	2,413,548	CHUNG, DWAYNE	2,418,859	DELCHERCOLO, MICHAEL J.	2,418,092
BUKRINSKY, MICHAEL I.	2,418,303	CHUNG, THIAM ENG	2,418,755	DELNEVO, ANNALISA	2,419,513
BURAZIN, MARK A.	2,419,143	CIBA SPECIALTY CHEMICALS		DELUCA, JOSEPH	2,419,110
BUREAU, CHRISTOPHE	2,419,807	HOLDING INC.	2,419,459	DELUCA, JOSEPH	2,419,124
BURFORD, NEIL	2,417,587	CINANNI, VINCE	2,400,806	DER STEPANIAN, MANOUK	2,414,083
BURFORD, NEIL	2,420,105	CIOCA, GHEORGHE	2,418,862	DESCOURS, FRANCIS	2,419,807
BURKART, KIRSTEN	2,418,972	CIRPUS, PETRA	2,419,020	DETROIT DIESEL	
BURRILL, JOHN D.	2,420,105	CITY OF HOPE	2,418,320	CORPORATION	2,416,569
BUTLER, CHRISTOPHER R.	2,419,552	CLINTON, GAIL M.	2,419,133	DEUS, FRANK	2,419,507
BUTORA, GABOR	2,419,194	COATSWORTH, KENNETH	2,419,236	DI FRANCESCO, VALENTINA	2,420,591
CAI, GUOLIN	2,418,853	COAXMEDIA, INC	2,419,571	DI FRANCESCO, VALENTINA	2,420,696
CAI, HENG	2,418,648	COCHLEAR LIMITED	2,419,321	DI PADOVA, FRANCO E.	2,420,231
CAI, HUI	2,419,540	COCHRAN, JOHN	2,418,389	DIALYSIS ACCESS SOLUTIONS,	
CAI, HUI	2,419,550	COHEN, HOWARD J.	2,418,496	INC.	2,419,055
CAI, HUI	2,419,552	COHEN, IRUN R.	2,420,499	DIERKING, MARK	2,415,240
CALLEN, WALTER	2,419,975	COHEN, MARK S.	2,418,478	DILLER, DOV	2,419,314
CAMBRIDGE POLYMER		COLGATE-PALMOLIVE		DING, LI	2,417,587
GROUP, INC.	2,419,128	COMPANY	2,418,648	DING, LI	2,420,105
CAMPBELL, GLENN M., JR.	2,419,106	COLLEY, PATRICA A.	2,413,974	DIVERSA CORPORATION	2,419,975
CAMPBELL, GLENN M., SR.	2,419,106	COLOR ACCESS, INC.	2,418,862	DODD, SIMON	2,419,242
CANINI, ENRICO	2,419,534	COMMISSARIAT A L'ENERGIE		DODD, SIMON	2,419,243
CAO, MIAO YONG	2,417,616	ATOMIQUE	2,419,807	DOEN, TAKAYUKI	2,419,067
CARL STRUTZ & CO., INC.	2,418,344	COMMISSARIAT A L'ENERGIE		DOFASCO INC.	2,418,732
CARLIN, STEVE	2,418,859	ATOMIQUE - C.E.A.	2,368,970	DOLAN, MARY E.	2,418,982
CARTER, DANIEL C.	2,416,097	CONKLING, MARK A.	2,420,724	DOLBY LABORATORIES	
CARUSO, FRANK	2,417,714	COOK UROLOGICAL		LICENSING	
CASE WESTERN RESERVE		INCORPORATED	2,419,688	CORPORATION	2,419,549
UNIVERSITY	2,419,454	COOPER, BRET	2,413,548	DOLITZKY, BEN-ZION	2,419,314
CASIO COMPUTER CO., LTD.	2,419,678	COOPER, JACK R.	2,419,119	DOLLER, UWE	2,418,945
CENTOCOR, INC.	2,419,205	COPELAND, NEAL G.	2,419,322	DONG, YIHU	2,420,393
		CORRANS, IAN JAMES	2,400,806	DOUGHERTY, JOSEPH M.	2,419,768
		CORTELLESSA, MAURIZIO	2,420,118	DOW AGROSCIENCES LLC	2,418,208
		CORTHESEY, BLAISE	2,420,160	DRISCOLL, JOYCE	2,413,596

## Index des demandes PCT entrant en phase nationale

DRIVER	2,417,221	FINDTHEDOT, INC.	2,419,294	GERMOND, JACQUES	
DROGEMULLER, MICHAEL	2,418,972	FISCELLA, MICHELE	2,419,306	EDOUARD	2,420,160
D'SA, STEVEN A.	2,418,496	FISCELLA, MICHELE	2,420,192	GESTERMANN, FRITZ	2,419,584
DUAN, D. ROXANNE	2,419,306	FISCELLA, MICHELE	2,420,320	GEURTSSEN, FRIEDRICH H. H.	2,418,095
DUAN, D. ROXANNE	2,420,192	FISCELLA, MICHELE	2,420,392	GEURTSSEN, JOHN W.	2,418,095
DUAN, D. ROXANNE	2,420,320	FISCELLA, MICHELE	2,420,705	GIALLOMBARDO, JAMES R.	2,419,584
DUAN, D. ROXANNE	2,420,705	FISCHER, WALTER	2,419,459	GIBBS, EARL MICHAEL	2,419,033
DUAN, ROXANNE D.	2,420,392	FISHER, PAUL B.	2,420,482	GIBSON, CHRISTOPH	2,419,423
DUCKER, KLAUS	2,419,872	FITZMEYER, MICHAEL	2,419,486	GIECK, REINER	2,416,443
DUDZIC, MICHAEL S.	2,418,732	FLAMM, FRIEDER	2,418,969	GILBERT, CHRIS	2,419,110
DUECKER, KLAUS	2,420,257	FLORES, VINCENT	2,418,496	GILBERT, CHRIS	2,419,124
DUELLI, MARKUS	2,419,309	FOGELMAN, ALAN M.	2,420,222	GILES-KOMAR, JILL	2,419,205
DUFOUR, GERARD E.	2,418,496	FOLEY, KEVIN T.	2,419,196	GILLESPIE, ROBERT FREW	2,418,277
DUFTON, DANIEL JAMES	2,419,276	FOLEY, THOMAS	2,419,551	GINGRAS, RAY	2,418,092
DUHEN, THOMAS	2,418,207	FONG, WILLY T.	2,418,496	GIRALAMO, MARIO	2,418,721
DUNLOP AEROSPACE LIMITED	2,418,755	FORBES, ANDREW B.	2,418,092	GIRARD, J., BLAIR	2,415,254
DUPUIS, JOSEPH	2,419,082	FORMAN, BARRY M.	2,418,320	GODDARD, AUDREY	2,419,541
DURAND, LOUIS-GILLES	2,419,559	FORSCHUNGSZENTRUM		GODDARD, AUDREY	2,420,140
DURNEY, MAX W.	2,419,225	JULICH GMBH	2,418,944	GODDARD, AUDREY	2,420,193
DUSSAULT, ISABELLE	2,418,320	FOSTER, JESSICA S.	2,419,541	GODOWSKI, PAUL J.	2,420,140
DUVDEVANI, ILAN	2,419,247	FOSTER, THOMAS L.	2,419,688	GODOWSKI, PAUL J.	2,420,193
DYNAMIC DIGITAL DEPTH		FOWLKES, DAVID	2,418,811	GOEHLICH, LOTHAR	2,419,070
RESEARCH PTY. LTD.	2,418,089	FRANKE, DIRK	2,418,972	GOLD, DANIEL P.	2,416,794
DZ GENES LLC	2,418,094	FREEMAN, SUE	2,417,594	GOLDEN HELIX, INC.	2,419,329
E. KHASHOGGI INDUSTRIES,		FRIEDMAN, MARK	2,418,837	GONG, YAOQIN	2,419,454
LLC	2,419,574	FRIEDMAN, SCOTT	2,419,064	GOODMAN, SIMON	2,419,872
EBINA, RIKA	2,417,597	FRIEDRICH, DONALD	2,419,309	GOPAL, AJEI SARAT	2,419,114
EBNER, REINHARD	2,419,306	FRIEDRICH, THOMAS	2,419,275	GOPAL, INDER SARAT	2,419,114
EBNER, REINHARD	2,420,192	FRITSCHKE, RODOLPHE	2,420,160	GORMAN, DANIEL M.	2,419,979
EBNER, REINHARD	2,420,320	FRITZ, EBERHARD	2,419,585	GOTTEL, PETER	2,419,507
EBNER, REINHARD	2,420,392	FRITZSCHE, KATHARINA	2,419,459	GOVENDER, KHEDAREN	2,419,271
EBNER, REINHARD	2,420,593	FRYBURG, DAVID ALBERT	2,419,033	GRAICHEN, KURT	2,419,507
EBNER, REINHARD	2,420,705	FUCHS, EILEEN C.	2,418,285	GRAM, HERMANN	2,420,231
ECI TELECOM LTD.	2,419,535	FUCHS, EILEEN C.	2,419,026	GRAZIANO, JAMES M.	2,419,553
EDWARDS, JAMES P.	2,419,540	FUJII, TAKAFUMI	2,419,437	GREENAWALT, LILA B.	2,418,496
EDWARDS, JAMES P.	2,419,550	FUJIWARA, NAOKI	2,418,810	GREENE, BARRIE D.	2,417,587
EDWARDS, JAMES P.	2,419,552	FUJIWARA, NAOKI	2,419,636	GREENHALGH, CHRISTOPHER	
ELAM, MARY ELIZABETH	2,419,031	FUJIWARA, NAOKI	2,419,670	MICHAEL	2,419,151
ELKINS, GREGORY T.	2,418,334	FUKUMOTO, SEIJI	2,418,802	GREIN, JEFFERY	2,419,979
ELLIOTT, VICKI S.	2,417,587	FURUKAWA, KAZUAKI	2,420,374	GREIS, MARC	2,419,536
ELLIOTT, VICKI S.	2,420,105	GABRIELSON, KURT D.	2,419,579	GRICE, CHERYL A.	2,419,540
ELLIS, HILARY M.	2,419,322	GALULLO, VINCENT	2,418,389	GRICE, CHERYL A.	2,419,552
EMULEX CORPORATION	2,419,542	GAMBRO LUNDIA AB	2,419,513	GRIFFIN, WILLIAM R.	2,418,813
ENDRESS + HAUSER GMBH +		GAMBRO LUNDIA AB	2,419,534	GROENENDIJK, FRANCISCUS	
CO.	2,417,886	GANDHI, AMEENA R.	2,417,587	LUDOVICUS	2,419,074
ENVIROTECH PUMPSYSTEMS,		GANDHI, AMEENA R.	2,420,105	GROOT, PIETER CORNELIS	2,419,725
INC.	2,419,605	GAO, WEI-QIANG	2,420,176	GROSS, JUERGEN	2,419,184
ERICSON, JOHAN	2,419,851	GARCIA-RODENAS, CLARA L.	2,418,285	GROSS, MATTHEW H.	2,415,243
ERNST, STEPHEN	2,419,110	GARCIA-RODENAS, CLARA L.	2,419,026	GUIGOZ, YVES	2,418,285
ESCORT MEMORY SYSTEMS	2,419,088	GAUB, HERMANN	2,418,861	GUIGOZ, YVES	2,419,026
ESCORT MEMORY SYSTEMS	2,419,116	GEBHARDT, JOACHIM	2,416,722	GUNDRY, KENNETH J.	2,419,549
ESPOSITO, ANTHONY	2,418,648	GEIGER, BENJAMIN	2,417,233	GUREVICH, VLADIMIR	2,418,837
EVANS, ANTHONY G.	2,419,108	GELZONE, INC.	2,419,593	GURNEY, AUSTIN L.	2,419,541
EVERSON, TERRENCE P.	2,419,379	GENCELL S.A.	2,419,790	GURNEY, AUSTIN L.	2,420,140
EXIDE TECHNOLOGIES	2,419,248	GENENTECH INC.	2,419,580	GURNEY, AUSTIN L.	2,420,193
EXXONMOBIL CHEMICAL		GENENTECH, INC.	2,419,541	GURURAJAN, RAJAGOPAL	2,420,105
PATENTS INC.	2,419,247	GENENTECH, INC.	2,420,140	GUSTIN, DARIN J.	2,419,540
EXXONMOBIL UPSTREAM		GENENTECH, INC.	2,420,176	GUSTIN, DARIN J.	2,419,552
RESEARCH COMPANY	2,418,804	GENENTECH, INC.	2,420,193	HAFALIA, APRIL J. A.	2,417,587
FABIO PERINI S.P.A.	2,418,987	GENENTECH, INC.	2,420,475	HAFALIA, APRIL J. A.	2,420,105
FAL DIAGNOSTICS	2,415,174	GENERAL ELECTRIC		HAGGIS, JOHN R.	2,419,294
FAN, AIXING	2,418,648	COMPANY	2,419,576	HAIN, MATTHEW	2,418,380
FANNON, PAUL ANTHONY	2,418,755	GENESTE, HERVE	2,418,749	HAINBUCH GMBH SPANNENDE	
FAVRILLE, INC.	2,416,794	GENSET	2,418,779	TECHNIK	2,419,142
FEA, DAVID	2,419,227	GENTRA SYSTEMS, INC.	2,419,106	HAITSMA, JOHANNES	
FEDERICI, BRIAN A.	2,419,157	GENTZ, REINER L.	2,420,593	JACOBUS	2,419,606
FENG, PING	2,420,593	GEORGIA PACIFIC RESINS, INC.		HALES, JEFFREY A.	2,419,571
FERDINAND, PIERRE	2,368,970		2,419,579	HALL, DENNIS G.	2,419,238
FERTIN PHARMA A/S	2,419,392	GERLACH, MICHAEL	2,419,184	HAMILTON BEACH/PROCTOR-	
FILION, MARIO C.	2,420,103			SILEX, INC.	2,419,014

## Index of PCT Applications Entering the National Phase

HAMITI, SHKUMBIN	2,419,536	HON SIU CHEONG, ELLIS	2,418,851	INTIER AUTOMOTIVE SEATING	
HAN, BIN	2,413,548	HONEYWELL B.V.	2,419,443	OF AMERICA, INC.	2,419,236
HANADA, MITSU HARU	2,417,255	HONMOU, OSAMU	2,413,910	IONITA-MANZATU, MIRELA	2,418,862
HANAGANDI, VIJAY KUMAR		HOSHINA, YOICHIRO	2,419,008	IONITA-MANZATU, VASILE	2,418,862
M.	2,419,576	HOSOI, TAKAFUMI	2,419,657	ISAK, HEINZ	2,418,972
HANSON, PAUL R.	2,419,768	HOWARD, KEITH	2,419,598	ISHIBASHI, JUNICHI	2,418,810
HANSON, PAUL R.	2,419,775	HU, BAIHUA	2,416,667	ISHIBASHI, JUNICHI	2,419,636
HARADA, HIRONORI	2,415,899	HU, YI	2,420,036	ISHIBASHI, JUNICHI	2,419,670
HARADA, TATSUHIRO	2,419,008	HUANG, YUE	2,419,822	ISIS INNOVATION LIMITED	2,418,735
HARMAN, PHILIP	2,418,089	HUAWEI TECHNOLOGIES CO.,		ISON, CRAIG H.	2,417,587
HARMSSEN, SVEN	2,418,945	LTD.	2,418,287	ISON, CRAIG H.	2,420,105
HARVIE, FRASER	2,415,249	HUBACEK, JEROME S.	2,419,130	ITO, KAZUTOSHI	2,419,038
HASE, TADASHI	2,417,971	HUBBELL INCORPORATED	2,419,082	JACKSON, DAVID Y.	2,419,580
HASE, TADASHI	2,418,348	HUBER, DANIEL	2,417,902	JAKOB, ROLAND	2,419,075
HASE, TADASHI	2,418,350	HUCKLE, JAMES WILLIAM	2,415,249	JAMES, ADAM	2,415,249
HASHEMI, HOSSEIN	2,419,542	HUDSON, BARRY	2,419,386	JAMET, PATRICK	2,418,286
HASHI, KAZUO	2,413,910	HUGHES, MARTIN JOHN		JANS, DANIELA	2,418,945
HAUER, BERNHARD	2,419,275	GLENTON	2,420,261	JAPAN SCIENCE AND	
HAUKKA, PAULI MATIAS	2,419,298	HULL, EUGENE	2,419,555	TECHNOLOGY	
HAUMONT, SERGE	2,419,536	HULTGREN, CATHARINA	2,419,418	CORPORATION	2,418,088
HAWKINS, DOUGLAS		HUMAN GENOME SCIENCES	2,420,320	JAPPINEN, TEEMU	2,419,536
MICHAEL	2,419,329	HUMAN GENOME SCIENCES,		JAYASEKERA, SUNIL	2,400,806
HAYASHI, SADAFUKU	2,419,117	INC.	2,419,306	JDS UNIPHASE CORPORATION	2,419,309
HEATH, ELLEN M.	2,419,106	HUMAN GENOME SCIENCES,		JEGLA, TIMOTHY JAMES	2,418,848
HEATH, KAREN	2,419,064	INC.	2,420,192	JENKINS, NANCY A.	2,419,322
HEAVNER, GEORGE	2,419,205	HUMAN GENOME SCIENCES,		JESEL, DANIEL H.	2,419,804
HEBEISEN, MARK A.	2,418,092	INC.	2,420,392	JESEL, INC.	2,419,804
HECZKO, JAMES	2,418,337	HUMAN GENOME SCIENCES,		JESSELL, THOMAS M.	2,419,851
HEIM, ALAN P.	2,415,262	INC.	2,420,593	JESSER, EDWARD A.	2,419,088
HELENE, CLAUDE	2,417,473	HUMAN GENOME SCIENCES,		JESSER, EDWARD A.	2,419,116
HELIX BIOPHARMA		INC.	2,420,705	JONES, ANISSA L.	2,418,496
CORPORATION	2,420,743	HUNTER, SHIRLEY WU	2,420,459	JONES, NORMAN S.	2,419,116
HEMPEL, WALTRAUD	2,418,945	HURTTA, TUJIA	2,419,536	JONES, TIMOTHY GARETH	
HENDLER, SHELDON S.	2,419,047	HUTCHISON, ALAN	2,418,853	JOHN	2,418,090
HENDRICKX, LUC GUSTA AF		HWANG, SUNG-HEI	2,419,157	JUNG, KENNETH	2,420,659
ANNA MARIE C.	2,419,323	I.K.E. SYSTEMS, LLC	2,419,083	JUNGE, GUNTER	2,419,075
HENKIN, JACK	2,420,672	ICAGEN INCORPORATED	2,418,848	JURIDICAL FOUNDATION THE	
HERLACHE, THOMAS C.	2,419,890	IKEDA, UICHI	2,419,245	CHEMO-SERO-	
HERNANDEZ, ROBERTO	2,417,587	IKEGAMI, SATORU	2,419,008	THERAPEUTIC RESEARCH	
HERSEL, ULRICH	2,419,423	IMAI, TAKAO	2,418,088	INSTITUTE	2,418,808
HERZOG, ROLAND	2,420,118	IMPETUS LTD.	2,418,837	JUSTIS, JEFF R.	2,419,196
HESKA CORPORATION	2,420,459	INAGAKI, HIROMICHI	2,419,614	KABUSHIKI KAISHA YAKULT	
HESS, MARTIN	2,418,941	INAGI, TOSHIO	2,419,147	HONSHA	2,417,597
HEVDELI, YAIR	2,419,535	INCRO LIMITED	2,418,620	KADDURAH-DAOUK, RIMA	2,415,174
HEWLETT-PACKARD		INCYTE GENOMICS, INC.	2,417,587	KAKEN PHARMACEUTICAL	
COMPANY	2,419,242	INCYTE GENOMICS, INC.	2,418,496	CO., LTD.	2,419,008
HEWLETT-PACKARD		INCYTE GENOMICS, INC.	2,419,126	KALLICK, DEBORAH A.	2,417,587
COMPANY	2,419,243	INCYTE GENOMICS, INC.	2,420,101	KAM, ZVI	2,417,233
HEWLETT-PACKARD		INCYTE GENOMICS, INC.	2,420,105	KANG, DONG-CHUL	2,420,482
COMPANY	2,419,546	INDUSTRIAL ORIGAMI, INC.	2,420,659	KANTLEHNER, MARTIN	2,419,423
HEWLETT-PACKARD		INFORMATICA CORPORATION	2,419,225	KAO CORPORATION	2,417,971
COMPANY	2,419,554	INOUE, TATSUYA	2,418,859	KAO CORPORATION	2,418,348
HICHWA, BRYANT	2,419,309	INSTITUT DE RECHERCHE	2,420,275	KAO CORPORATION	2,418,350
HILLAN, KENNETH J.	2,420,140	CLINIQUES DE		KAPPEL, ANDREAS	2,420,251
HILLMAN, JENNIFER L.	2,418,496	MONTREAL (IRCM)	2,417,873	KAPTUROWSKI, EDWARD J.	2,419,161
HILL'S PET NUTRITION, INC.	2,415,240	INSTITUT DE RECHERCHES		KARAKELLE, MUTLU	2,419,681
HIRANO, YUUSUKE	2,415,899	CLINIQUES DE		KARARLI, TUGRUL T.	2,419,592
HIRATA, TAKUYA	2,419,616	MONTREAL	2,419,559	KARICHEV, ZIYA RAMIZOVICH	
HIRONAKA, CATHERINE M.	2,420,406	INSTITUT NATIONAL DE LA		KARSTEN, COLIN	2,416,609
HODGSON, DAVID M.	2,418,496	RECHERCHE		KATO, SOICHIRO	2,413,841
HODSON, SIMON K.	2,419,574	AGRONOMIQUE	2,419,026	KATO, YASUYOSHI	2,419,147
HOFFMANN, JAN	2,419,507	INSTITUT NATIONAL DE LA		KATSURAGI, YOSHIHISA	2,418,307
HOGENESCH, JOHN B.	2,418,144	SANTE ET DE LA		KATSURAGI, YOSHIHISA	2,417,971
HOIBY, PER	2,417,999	RECHERCHE MEDICALE		KAWAGUCHI, KENICHI	2,418,350
HOISINGTON, PAUL A.	2,419,017	(I.N.S.E.R.M.)	2,417,473	KAWASAKI, TOSHIYA	2,415,899
HOLDER, SWEN	2,418,084	INSTITUTE OF MOLECULAR		KAZAMI, JUN-ICHI	2,419,291
HOLLINGSWORTH & VOSE		AGROBIOLOGY	2,420,393	KEARNEY, LIAM	2,419,616
COMPANY	2,419,246	INTEL CORPORATION	2,419,125	KEIL, MICHAEL	2,420,105
HOLT, TORLEIF	2,418,329			KENBROOKE, INC.	2,416,722
HOLZEMANN, GUNTER	2,419,423				2,413,841

## Index des demandes PCT entrant en phase nationale

KENDREW, STEVEN GARY	2,419,538	LAI, YINGJIE	2,419,310	LYONS, PAUL W.	2,415,292
KENNON, STEPHEN R.	2,415,257	LAIDLER, KEITH PETER	2,418,620	MACKENZIE, MARK H.	2,419,242
KENNY, PETER	2,417,594	LAKEFIELD-ORETEST PTY LTD.	2,400,806	MACKENZIE, MARK H.	2,419,243
KERN, DANIEL, A.	2,419,566	LAL, PREETI	2,417,587	MADAPURA, SUBRAMANYA	2,418,859
KESSLER, HORST	2,419,423	LAL, PREETI G.	2,420,105	MADOU, MARC	2,419,156
KETCHUM, KAREN A.	2,420,591	LAM RESEARCH CORPORATION	2,419,130	MAEDA, YOSHIKAZU	2,419,245
KETCHUM, KAREN A.	2,420,696	LAMBERT, CHRISTOPHE GERARD	2,419,329	MAKI, NOBORU	2,419,046
KEYES, JARED J.	2,416,569	LANE, JONATHAN DOUGLAS	2,420,261	MALLANGI, CHANDRASEKHARA R.	2,418,285
KHAN, FARRAH A.	2,417,587	LANGERMANN, SOLOMON	2,420,234	MALLANGI, CHANDRASEKHARA R.	2,419,026
KHASANOV, ALISHER B.	2,415,174	LARGENT, DAVID WAYNE	2,419,155	MALLEN RESEARCH LIMITED PARTNERSHIP	2,416,272
KHATUYA, HARIPADA	2,419,540	LARSEN, BENT	2,419,145	MALLEN, BRIAN D.	2,416,272
KHATUYA, HARIPADA	2,419,552	LARSEN, STEVEN R.	2,419,248	MARCONI COMMUNICATIONS SPA	2,419,539
KHEMANI, KISHAN	2,419,574	LARSSON, KARE	2,419,606	MARCUS, GREGORY A.	2,420,105
KHOSHBIN, HOUSH	2,419,548	LARSSON, MARCUS	2,419,606	MARESKI, PETER	2,419,259
KIELMAN, GARY W.	2,418,813	LATHIAN SYSTEMS, INC.	2,415,262	MARQUE PUCHEU, GERARD	2,417,977
KIENLE, STEFAN	2,420,251	LATTICE INTELLECTUAL PROPERTY LIMITED	2,419,449	MARS INCORPORATED	2,418,098
KIKKAWA, HIROFUMI	2,418,307	LE HENAFF, DIDIER	2,419,079	MARTIGNETTI, JOHN	2,419,064
KIMBALL, WILLIAM H.	2,419,593	LE, TRANG T.	2,419,592	MARTIN, JEAN-VALERY	2,418,016
KIMBERLY-CLARK WORLDWIDE, INC.	2,419,139	LEADLAY, PETER FRANCIS	2,419,538	MARTIN, WILLIAM	2,419,020
KIMBERLY-CLARK WORLDWIDE, INC.	2,419,143	LEATHWOOD, PETER	2,418,285	MARUOKA, ELLEN M.	2,419,541
KIMURA, KAZUNORI	2,416,709	LEATHWOOD, PETER	2,419,026	MASA ALVAREZ, MARC	2,419,810
KIMURA, TATSUJI	2,419,046	LECOURTTIER, NATHALIE	2,418,286	MASON, JOHN Y.	2,418,813
KIRIN BEER KABUSHIKI KAISHA	2,418,802	LEDERF, FRANCK	2,419,807	MATHUR, ERIC J.	2,419,975
KITKO, DAVID JONATHAN	2,419,629	LEE, DANIEL H. S.	2,419,545	MATSUDA, HIROMI	2,419,657
KLEINBERG, CRAIG	2,419,110	LEE, E-CHIANG	2,419,322	MATSUDA, MICHUYUKI	2,419,503
KLUGE, DOUGLAS J.	2,419,106	LEE, ERNESTINE A.	2,417,587	MATSUO, ATSUSHI	2,419,008
KNIGHT, DAVID M.	2,419,205	LEHMANN, MATTHIAS	2,417,714	MATTSON, JEANINE D.	2,419,979
KOIKE, SHIN	2,417,971	LEHN, JEAN-MARIE	2,417,473	MCCALL, CATHERINE A.	2,420,459
KOIKE, SHIN	2,418,348	LEICHT, EDWARD C.	2,419,593	MCCLANAHAN, TERRILL K.	2,419,979
KOIKE, SHIN	2,418,350	LERCHL, JENS	2,419,020	MCCLUNG, GUY LAMONT III	2,419,155
KOMATSOULIS, GEORGE A.	2,419,306	LEVIN, NATHAN	2,418,974	MCCOY, GARY W.	2,418,344
KOMATSOULIS, GEORGE A.	2,420,192	LEWIS, KATHY A.	2,418,144	MCDERMOTT, HUGH	2,419,319
KOMATSOULIS, GEORGE A.	2,420,320	LEXICON GENETICS INCORPORATED	2,420,036	MCELROY, JERRY	2,420,743
KOMATSOULIS, GEORGE A.	2,420,392	LI, DAN	2,419,064	MCINTOSH, PETER	2,400,806
KOMATSOULIS, GEORGE A.	2,420,705	LI, YAN	2,420,724	MCKAY, COLLETTE	2,419,319
KONDO, TETSUJIRO	2,418,810	LI, YINGTAO	2,418,287	MCKENNA, DANIEL B.	2,419,553
KONDO, TETSUJIRO	2,419,636	LI, ZHENYA	2,420,591	MCKINLEY, GARETH HUE	2,419,128
KONDO, TETSUJIRO	2,419,670	LIANG, GREG	2,419,551	MCREYNOLDS, MATTHEW D.	2,419,775
KONISHI, HIDEO	2,419,288	LICCIARDELLO, JOSEPH	2,418,092	MEDIMMUNE, INC.	2,420,234
KONTNY, MARK J.	2,419,592	LIDMAN, MAGNUS	2,419,641	MEDUNA, STEVEN P.	2,419,540
KOPATZ, HEINZ-DIETER	2,418,293	LIFEPOINT, INC.	2,419,551	MEDUNA, STEVEN P.	2,419,550
KOPPIKER, NANDAN PARMANAND	2,419,033	LILLY ICOS LLC	2,419,623	MEDUNA, STEVEN P.	2,419,552
KORDYUM, VITALIY A.	2,419,203	LIM, LILLIAM S.	2,418,859	MEGARA (AUSTRALIA) PTY. LTD.	2,418,721
KOWA COMPANY, LTD.	2,419,147	LINCOLN, STEPHEN E.	2,418,496	MERCK & CO. INC.	2,419,194
KRANTZ, ARIE L.	2,418,334	LING, HUAI-PING	2,420,960	MERCK & CO., INC.	2,419,310
KRASNOW, RANDI E.	2,420,101	LIPSHUTZ, BRUCE H.	2,418,318	MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG	2,420,257
KRAUSE, MICHAEL	2,417,886	LITVAK, OLEG	2,419,535	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,418,266
KREJCIK, STEVEN JOHN	2,419,161	LIU, TOMMY F.	2,418,496	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,419,423
KROCHMAL, BARNABA	2,419,314	LO, TERENCE P.	2,417,587	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,419,810
KUDO, SATOSHI	2,417,597	LOBANOV, VICTOR S.	2,419,600	MERCK PATENT GESELLSCHAFT MIT	
KUFE, DONALD W.	2,418,982	LOCHTMAN, RENE	2,416,722		
KUHN, KARSTEN	2,420,251	LODER, HARRY A.	2,418,331		
KUNO, NORIYASU	2,419,041	LODI, CARLO ALBERTO	2,419,513		
KURATA, HIROKAZU	2,419,979	LODI, CARLO ALBERTO	2,419,534		
KURIGER, REX J.	2,419,134	LOMBARDI, ANGELINA	2,419,019		
KVIST, SUNE	2,419,915	LONGPHRE, MALINDA	2,416,713		
KWOK, SIMON	2,420,054	LORENZ, GUNTER	2,418,311		
KYEKYOON, KIM	2,419,115	LOWMAN, HENRY B.	2,420,475		
LAATSCH, JOACHIM	2,419,138	LU, DYUNG AINA M.	2,417,587		
LACHMANN, BURKHARD	2,419,606	LU, DYUNG AINA M.	2,420,105		
LACROIX, CHRISTOPHE	2,417,835	LU, YAN	2,417,587		
LACROIX, JEAN-PAUL	2,417,221	LU, YAN	2,420,105		
LACROIX, LAURENT	2,417,473	LUCIANI, JAMES V.	2,419,547		
LADNER, WOLFGANG	2,419,275	LUNDIN, SUNE	2,419,145		
LAFAVE, GEORGE	2,418,092	LUPISELLA, JOHN	2,413,596		
LAFFONT, GUILLAUME	2,368,970				

## Index of PCT Applications Entering the National Phase

BESCHRANKTER HAFTUNG	2,419,872	NAKAFUKU, MASATO	2,418,088	OREGON HEALTH AND SCINECE UNIVERSITY	2,419,133
MERGRNY, JEAN-LOUIS	2,417,473	NAKAMOTO, TAKANORI	2,418,307	ORTHO MCNEIL PHARMACEUTICAL, INC.	2,419,540
MERKEL, TOBIAS	2,419,507	NAKAMURA, GERALD R.	2,420,475	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,419,545
MESSEGUER PEYPOCH, RAMON	2,419,810	NAKASHIMA, TOSHIHIRO	2,418,808	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,419,550
METSO PAPER KARLSTAD AB	2,419,660	NANDU, MAHENDRA P.	2,419,582	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,419,552
MEYER, JORG	2,419,423	NANOTYPE GMBH	2,418,861	OSTROWSKI, JACEK	2,413,596
MICHLER, GOERG	2,419,138	NARGUND, RAVI P.	2,419,310	OTSUKA, EIJI	2,419,437
MICRODRUG AG	2,418,189	NARITA, MASAMI	2,416,709	OTTO JUNKER GMBH	2,419,558
MICROSCIENCE LIMITED	2,420,261	NARLA, GOUTHAM	2,419,064	OZAWA, KEIYA	2,419,245
MIKOH CORPORATION	2,417,616	NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES	2,419,282	PACK, DANIEL W.	2,419,115
MIKOSHIBA, KATSUHIKO	2,418,088	NAVAB, MOHAMAD	2,420,222	PALUCKI, BRENDA L.	2,419,310
MILLENIUM PHARMACEUTICALS, INC.	2,420,960	NCUBE CORPORATION	2,419,609	PAN, SHENGXI	2,418,287
MILLER, ALAN	2,419,082	NEC CORPORATION	2,419,117	PANZER, SCOTT R.	2,418,496
MILLIKEN & COMPANY	2,418,132	NEHME, ALISSAR	2,418,988	PAOLINI, FRANCESCO	2,419,534
MILLS, BRIAN	2,415,243	NEPOMNICHY, BORIS	2,420,036	PARHAM, CHRISTI L.	2,419,979
MILNER, JOHN	2,419,082	NEUROGEN CORPORATION	2,418,853	PARK, HYUN-WOO	2,419,157
MISSLWITZ, BERND	2,419,259	NEW CENTURY PHARMACEUTICALS, INC.	2,416,097	PARK, MIN K.	2,419,310
MITCHIM, DORMAN N.	2,418,813	NGUYEN, DANNIEL B.	2,417,587	PARKER, JOHN	2,419,321
MIYAKE, TORU	2,418,810	NGUYEN, DANNIEL B.	2,420,105	PARKES, ADRIAN SYDNEY	2,419,449
MIYAKE, TORU	2,419,636	NGUYEN, KHA	2,418,334	PARLEX CORPORATION	2,417,616
MIYAKE, TORU	2,419,670	NGUYEN, NHAM S.	2,418,846	PARSONS, WILLIAM H.	2,419,194
MIYAMOTO, NOBUE	2,420,374	NI, JIAN	2,419,306	PASCAL, GUILLAUME	2,417,977
MIZUTANI, SATORU	2,418,802	NI, JIAN	2,420,192	PASTERNAK, ALEXANDER	2,419,194
MIZUTANI, YASUSHI	2,419,678	NI, JIAN	2,420,320	PATCHETT, ARTHUR A.	2,419,310
MOESSINGER, JUERGEN	2,419,184	NI, JIAN	2,420,392	PATEL, ANILBHAI S.	2,419,681
MOLD-MASTERS LIMITED	2,418,265	NI, JIAN	2,420,593	PATRICK, JAMES	2,419,321
MOLLET, BEAT	2,420,160	NI, JIAN	2,420,705	PATTERSON, CHANDRA	2,420,105
MONSANTO TECHNOLOGY LLC	2,420,406	NICHOLSON, MARK R.	2,419,116	PATTERSON, CHANDREA	2,417,587
MOORE, PAUL A.	2,419,306	NIEDBALLA, ULRICH	2,419,259	PATTERSON, THOMAS A.	2,419,461
MOORE, PAUL A.	2,420,192	NIES, BERTHOLD	2,419,423	PAUL, MARK G.	2,419,161
MOORE, PAUL A.	2,420,320	NILSSON, THOMAS	2,418,189	PAVLOV, PAUL	2,418,941
MOORE, PAUL A.	2,420,392	NIPPON SANZO CORPORATION	2,419,437	PAVONE, VINCENZO	2,419,019
MOORE, PAUL A.	2,420,705	NISSING, NICHOLAS JAMES	2,418,304	PAWAR, PAU-LIN	2,419,139
MORAND, GARY W.	2,415,233	NISSING, NICHOLAS JAMES	2,419,031	PAWLOSKI, JAMES C.	2,419,229
MORELLI, ALESSANDRIO	2,418,987	NOGUCHI, TOSHIHIRO	2,417,255	PAWSON, DAVID J.	2,419,609
MORIKAWA, SHIGERU	2,419,678	NOKIA CORPORATION	2,419,536	PEARLMAN, SAMUEL	2,416,569
MORLEY, ANDREW	2,417,594	NORD, THOMAS D.	2,418,132	PEREIRA, RAUL	2,419,082
MORRIS, MACDONALD S.	2,419,126	NORDMO, JON	2,417,999	PEREIRA, TERESA	2,418,386
MOSKAL, JOSEPH R.	2,413,974	NORTEL NETWORKS FRANCE	2,417,977	PERKINS, ALLEN	2,419,083
MOSKOWITZ, DAVID W.	2,418,094	NORTEL NETWORKS LIMITED	2,419,547	PERKINS, CHRISTOPHER MARK	2,419,629
MOSS, JEFF H.	2,418,804	NORTH CAROLINA STATE UNIVERSITY	2,420,724	PERLIN, LEONID	2,418,837
MOSSelman, SIETSE	2,419,981	NOVARTIS AG	2,420,231	PERRIN, MARILYN H.	2,418,144
MOTT, JACK EDWARD	2,419,240	NUBLING, CHRISTOPH	2,419,275	PETER, THOMAS	2,418,941
MOUNT SINAI SCHOOL OF MEDICINE	2,419,064	NUSSER, PETER	2,419,507	PETERSSON, JOHAN GEORG URBAN	2,419,323
MUDUNURI, GAUTAM H.	2,418,859	NYXIS NEUROTHERAPIES, INC.	2,413,974	PETKOVIC, HRVOJE	2,419,538
MUELLER, GUENTER	2,418,084	OBJECT RESERVOIR, INC.	2,415,257	PETRY, STEFAN	2,418,084
MULLER, JOHANNES	2,419,507	OCCTECH ENGINEERING PTY LTD.	2,400,806	PFIZER INC.	2,419,033
MULLER, REINER	2,419,138	OESTERHELT, FILIPP	2,418,861	PHAGE BIOTECHNOLOGY CORPORATION	2,419,203
MULVANEY, PATRICK T.	2,419,014	OHIO UNIVERSITY	2,419,134	PHAM, QUANG X.	2,415,262
MUNZINGER, MANFRED	2,418,972	OHSUYE, KAZUHIRO	2,420,374	PHARMACIA CORPORATION	2,419,592
MURASE, TAKATOSHI	2,417,971	OKANO, HIDEYUKI	2,418,088	PHARMACIA CORPORATION	2,419,597
MURASE, TAKATOSHI	2,418,348	OKAZAKI, TOSHIO	2,415,899	PHILLIPPS, GERD	2,419,585
MURASE, TAKATOSHI	2,418,350	OKUYAMA, AKIHIKO	2,419,008	PHILLIPS, NIGEL C.	2,420,103
MURPHY, ERIN E.	2,419,979	OLSEN, BJORN R.	2,419,454	PIBAROT, PHILIPPE	2,419,559
MUSEUM NATIONAL D'HISTOIRE NATURELLE	2,417,473	OLSEN, HENRIK S.	2,419,306	PICKERING, WILLIAM V., JR.	2,419,161
MYREN, HARRY INGEMAR	2,419,660	OLSEN, HENRIK S.	2,420,192	PINTER, HANS-DIETER	2,419,584
NAATZ, ULF W.	2,419,543	OLSEN, HENRIK S.	2,420,320	PIO, BARBARA A.	2,419,540
NABEL, GARY J.	2,419,822	OLSEN, HENRIK S.	2,420,392	PIO, BARBARA A.	2,419,550
NAGANO, TAKAHIRO	2,418,810	OLSEN, HENRIK S.	2,420,705	PIO, BARBARA A.	2,419,552
NAGANO, TAKAHIRO	2,419,636	OMNIGENE BIOPRODUCTS, INC.	2,419,461	PIRELLI KABEL UND SYSTEME GMBH & CO. KG	2,419,070
NAGANO, TAKAHIRO	2,419,670	OMORI, KAZUHIRO	2,419,291	PIROARD, FRANCOIS	2,417,977
NAGAO, MASAO	2,419,067	ONO PHARMACEUTICAL CO., LTD.	2,416,709		
NAHAR, PRADEEP	2,420,011				
NAITO, KAZUMI	2,419,291				

## Index des demandes PCT entrant en phase nationale

PIULATS XANCO, JAUME	2,419,810	RODES GUBERN, BLANCA	2,419,810	SCHULER-THURNER, BEATRICE	2,420,260
PLANT BIOSCIENCE LIMITED	2,418,746	ROEHM GMBH & CO., KG	2,419,138	SCHULTE, DAVID LEE	2,419,155
PLAST CORPORATION	2,419,614	ROGERS-EVANS, MARK	2,418,970	SCHULTES, KLAUS	2,419,138
PLATA-SALAMAN, CARLOS	2,419,545	ROMAN-ROMAN, SERGIO	2,419,454	SCHUTZ, FRANZ	2,418,972
PLATZEK, JOHANNES	2,419,259	ROSEBERRY, ANN M.	2,418,496	SDGI HOLDINGS, INC.	2,419,196
POELLINGER, LORENZ	2,418,386	ROSELL VIVES, ELISABET	2,419,810	SEBHAT, IYASSU	2,419,310
POLAKIS, PAUL	2,420,140	ROSEN, BRUCE H.	2,418,496	SEGAL, DONALD	2,420,743
POLAKIS, PAUL	2,420,176	ROSEN, CRAIG A.	2,419,306	SEHON, CLARK A.	2,419,552
POLAKIS, PAUL	2,420,193	ROSEN, CRAIG A.	2,420,320	SEIDAH, NABIL G.	2,417,873
POLICKY, JENNIFER L.	2,417,587	ROSEN, CRAIG A.	2,420,392	SEILHAMER, JEFFREY J.	2,417,587
POLICKY, JENNIFER L.	2,420,105	ROSEN, CRAIG A.	2,420,705	SENALDI, GIORGIO	2,419,274
PORST, HARTMUT	2,419,623	ROTTE, CARMEN	2,419,020	SENDHOFF, NORBERT	2,418,972
POTI, LUCA	2,419,539	RUBEN, JORGE	2,418,386	SEREBOFF, JOEL L.	2,420,152
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,419,454	RUBEN, STEVEN M.	2,420,593	SEREFLEX ERGONOMIC PRODUCTS, INC.	2,420,152
PRICE, DAVID M.	2,417,616	RUBENSTEIN, JOHN L. R.	2,419,851	SEYFFERT, KENNETH WAYNE	2,419,155
PRIMERT AB	2,419,915	RUBIN, KIM T.	2,419,294	SHAH, PURVI	2,418,496
PRINCETON UNIVERSITY	2,419,108	RUDBERG, JAMES	2,419,236	SHAIKH, KHALEDA	2,419,584
PROBST, DONALD A.	2,419,768	RUDNISKI, DAVID	2,419,075	SHARMA, GAINDA LAL	2,420,011
PROSKELIA	2,419,454	RUSSO, FRANK D.	2,418,496	SHAWCROSS, JAMES TIMOTHY	2,418,277
PUUSKARI, MIKKO	2,419,536	S.C. JOHNSON HOME STORAGE, INC.	2,419,229	SHCHEPINOV, MIKHAIL SERGEEVICH	2,418,735
QLOGIC CORPORATION	2,418,334	SABORIO, GABRIELLA	2,413,078	SHEALY, DAVID	2,419,205
QUALCOMM INCORPORATED	2,417,241	SABRE OXIDATION TECHNOLOGIES, INC.	2,418,813	SHEDD, TOMMY R.	2,419,555
QUEENSTOWN PROPERTY LIMITED	2,419,227	SAEKI, YOSHIYUKI	2,420,275	SHERRILL, JAMES	2,419,598
QUEHEILLALT, DOUGLAS T.	2,419,108	SAGEM SA	2,418,286	SHERRY, BARBARA A.	2,418,303
QUINN, SHANNON L.	2,418,732	SAITOH, CHIKASHI	2,415,899	SHI, YANGGU	2,419,306
QUINTANA, FRANCISCO J.	2,420,499	SAKAI, MASASHI	2,417,597	SHI, YANGGU	2,420,192
RACK, MICHAEL	2,416,722	SAKAMOTO, YOKO	2,419,046	SHI, YANGGU	2,420,320
RADENKOVIC, MILENA	2,419,151	SALEMME, FRANCIS R.	2,419,600	SHI, YANGGU	2,420,392
RADUCHEL, BERND	2,419,259	SALLBERG, MATTI	2,419,418	SHI, YANGGU	2,420,705
RAFF, ANDREAS	2,419,184	SALVATI, MARK	2,413,596	SHIMADA, KAZUYUKI	2,419,245
RAJAMANI, RAVI	2,419,576	SANA, THEODORE R.	2,419,979	SHIMADA, TAKASHI	2,418,802
RALL, GERHARD	2,419,142	SANDER, MAIKE	2,419,851	SHIMPO, MASAHISA	2,419,245
RAMKUMAR, JAYALAXMI	2,417,587	SANFT, ULRICH	2,418,945	SHIN CATERPILLAR MITSUBISHI LTD.	2,419,288
RAMKUMAR, JAYALAXMI	2,420,105	SANJANWALA, MADHU S.	2,417,587	SHINODA, YASUO	2,419,147
RAMSAY, DAVID A.	2,415,262	SANTANGELO, JOSEPH DAVID	2,420,261	SHINOHARA, GOU	2,419,041
RATZLAFF, LARRY	2,419,110	SAPPORO BREWERIES LTD.	2,419,038	SHIPMAN, ROBERT ANDREW	2,419,269
RATZLAFF, LARRY	2,419,124	SARDARYAN, EDUARD	2,419,066	SHOPES, ROBERT J.	2,416,794
RAUMANN, BRIGITTE E.	2,417,587	SARUNIC, MARINKO VENCI	2,416,412	SHORT, JAY M.	2,419,975
RAWADI, GEORGES	2,419,454	SASOL TECHNOLOGY (PROPRIETARY) LIMITED	2,419,271	SHOU, JIANYONG	2,420,176
RAWSON, THOMAS E.	2,419,580	SASTRY, ANN MARIE	2,419,108	SHOWA DENKO K.K.	2,419,291
RAYBONE, DAVID	2,418,277	SAVKOOR, CHETAN	2,419,979	SHTUTMAN, MICHAEL	2,417,233
RAYTEC CORPORATION	2,415,254	SAWAO, TAKASHI	2,418,810	SHUMAN, RUTH	2,419,106
RAYTHEON COMPANY	2,418,092	SAWAO, TAKASHI	2,419,636	SIEMENS AKTIENGESELLSCHAFT	2,416,443
REDDY, ROOPA	2,417,587	SAWAO, TAKASHI	2,419,670	SIMS, SANDRA M.	2,419,597
REEFEDGE, INC.	2,419,114	SAWCHENKO, PAUL F.	2,418,144	SINGHAL, SANDEEP KISHAN	2,419,114
REID, ROGER P.	2,418,900	SCALLON, BERNARD	2,419,205	SKYBITZ, INC.	2,418,855
REIFFERS-MAGNANI, KRISTEL	2,418,285	SCHAFFER, BERND	2,418,749	SKYBITZ, INC.	2,419,063
REIFFERS-MAGNANI, KRISTEL	2,419,026	SCHAPER, WOLFGANG	2,418,945	SLAVCHENKO, IRYNA YU	2,419,203
REITZ, ALLEN B.	2,419,545	SCHARM, BURKHARD	2,418,266	SMITH & NEPHEW, INC.	2,415,249
RENAL RESEARCH INSTITUTE, LLC	2,418,974	SCHERING AKTIENGESELLSCHAFT	2,419,259	SMITH, DUANE T.	2,418,331
RENNEBERG, REINHARD	2,417,714	SCHERING CORPORATION	2,418,207	SMITH, KATHLEEN M.	2,419,979
RENOMEDIX INSTITUTE INC.	2,413,910	SCHERING CORPORATION	2,419,979	SMITH, MICHAEL E.	2,419,014
RESEARCH DEVELOPMENT FOUNDATION	2,418,144	SCHERMAN, DANIEL	2,419,790	SMITH, VICTORIA	2,420,140
RETSCH, RANDOLPH	2,419,082	SCHLUCKEBIER, DIETER	2,419,558	SMITH, VICTORIA	2,420,176
REYES, TERESA M.	2,418,144	SCHLUETER, DOUGLAS C.	2,419,681	SMITHERS, MICHAEL J.	2,419,549
REYNOLDS, MARK E.	2,419,580	SCHLUMBERGER CANADA LIMITED	2,418,090	SOCIETE DES PRODUITS NESTLE S.A.	2,418,285
REYNOLDS, MARK E.	2,420,475	SCHLUMBERGERSEMA INC.	2,415,233	SOCIETE DES PRODUITS NESTLE S.A.	2,419,026
RHODES, KENNETH	2,420,960	SCHMIDT, HARALD	2,419,574	SOCIETE DES PRODUITS NESTLE S.A.	2,420,160
RHODIA TERRES RARES	2,418,016	SCHOFIELD, BRUCE A.	2,419,547	SONNINEN, HEIKKI	2,419,298
RICHARDSON, PETER	2,415,249	SCHREINER, CLAUDIA	2,419,012	SONY CORPORATION	2,418,810
RIEDER, BRENT JEFFREY	2,418,208	SCHROEDER, WEN	2,419,143	SONY CORPORATION	2,419,636
RINGEL, HELMUT DR.	2,418,944	SCHROEDER, WEN Z.	2,419,139		
RISSOAN, MARIE-CLOTILDE	2,418,207	SCHULER, GEROLD	2,420,260		
RIVIER, JEAN E.	2,418,144				
ROBERT BOSCH GMBH	2,419,184				
ROBERTS, LISA ORIEL	2,418,746				



## Index of PCT Applications Entering the National Phase

SONY CORPORATION	2,419,657	TANG, Y. TOM	2,417,587	THONESSEN, MARIA- THERESIA	2,418,945
SONY CORPORATION	2,419,670	TANG, Y. TOM	2,420,105	THORNTON, MICHAEL	2,417,587
SOPPET, DANIEL R.	2,419,306	TAYS, KEVIN L.	2,419,540	THORNTON, MICHAEL	2,420,105
SOPPET, DANIEL R.	2,420,192	TAYS, KEVIN L.	2,419,552	THORSEN, THOR	2,418,329
SOPPET, DANIEL R.	2,420,320	TEBCO PTY LIMITED	2,419,386	TIBOTEC BVBA	2,420,041
SOPPET, DANIEL R.	2,420,392	TEKMAWOOD OY	2,419,298	TOKUNAGA, AKINORI	2,418,088
SOPPET, DANIEL R.	2,420,705	TERRY, JOHN B. (DECEASED)	2,419,571	TORGERSON, JOSEPH M.	2,419,242
SORIANO, ROBERT	2,420,176	TEULADE-FICHOU, MARIE- PAULE	2,417,473	TORGERSON, JOSEPH M.	2,419,243
SOTO, CLAUDIO	2,413,078	TEVA PHARMACEUTICAL INDUSTRIES, LTD.	2,419,314	TORREY, MARC A.	2,419,017
SPECTRA, INC.	2,419,017	THALES	2,419,079	TOTH, JOHN	2,418,092
SPEER, GERD	2,419,584	THANGAVELU, KAVITHA	2,420,105	TOYOSHIMA, TSUYOSHI	2,419,678
SPIEGELBERG, STEPHEN HARRY	2,419,128	THE BRINKMANN CORP., THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2,418,851	TRAU, DIETER	2,417,714
SPIRIT DESIGN, HUBER, CHRISTOFFER, WAGNER OEG	2,417,902	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2,419,322	TRIANI TECHNOLOGIES INC.	2,419,240
SPIRO, PETER A.	2,418,496	THE NISSHIN OILLIO, LTD.	2,419,822	TRIBOULEY, CATHERINE M.	2,417,587
SPODEK, JOSHUA D.	2,415,243	THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION	2,419,041	TRIBOULEY, CATHERINE M.	2,420,105
SPRANGERS, DANIEL R.	2,419,143	THE PHEGOS GROUP, LLC	2,419,156	TRIPLEP AB	2,419,418
SPROTT, KEVIN T.	2,419,775	THE PICOWER INSTITUTE FOR MEDICAL RESEARCH	2,418,811	TRIPLETT, ERIC W.	2,419,890
STANISH, PAUL	2,419,055	THE PROCTER & GAMBLE COMPANY	2,418,303	TRUMAN, MICHAEL M.	2,419,549
STANLEY, MARK S.	2,419,580	THE PROCTER & GAMBLE COMPANY	2,418,304	TSOU, ANDY H.	2,419,247
STAROVASNIK, MELISSA A.	2,420,475	THE PROCTER & GAMBLE COMPANY	2,419,031	TSUMORI, KATSUYUKI	2,419,147
STATKRAFT SF	2,418,329	THE PROCTER & GAMBLE COMPANY	2,419,276	TU, YUGIANG	2,416,412
STEFANSSON, EINAR	2,419,158	THE PROCTER & GAMBLE COMPANY	2,419,629	TURINI, MARCO	2,418,285
STENGELE, FLORIAN	2,417,886	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,418,318	TURINI, MARCO	2,419,026
STEYNBERG, JAN PETRUS	2,419,271	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,418,478	TUSTIN, GARY JOHN	2,418,090
STEYNBERG, PETRUS JOHANNES	2,419,271	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,419,157	TUTCO, INC.	2,419,598
STILLIAN, JOHN	2,419,543	THE TRUSTEES OF COLUMBIA UNIVERSITY	2,420,222	TWEEDY, MARK R.	2,418,344
STOCKDREHER, THERESA K.	2,418,496	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,420,482	TYCO HEALTHCARE GROUP LP	2,418,380
STRAHL, BRIAN D.	2,420,277	THE UNIVERSITY OF BRISTOL	2,420,051	U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND	2,419,555
STRANDBERG, BROR	2,419,915	THE UNIVERSITY OF KANSAS	2,419,768	UEDE, TEIJI	2,413,910
STRUTZ, CARL J.	2,418,344	THE UNIVERSITY OF KANSAS	2,419,775	UNIVERSITA' DEGLI STUDI DI NAPOLI "FEDERICO II"	2,419,019
STURMER, RAINER	2,419,275	THE UNIVERSITY OF MELBOURNE	2,419,319	UNIVERSITE LAVAL	2,419,559
SU, SAM	2,419,542	THERRE, JORG	2,418,972	UNIVERSITEIT UTRECHT	2,419,725
SU, ZAO-ZHONG	2,420,482	THIRDSPACE LIVING LTD.	2,419,609	UNIVERSITY OF ALBERTA	2,419,238
SUBMEDIA, LLC	2,415,243	THOMPSON, MICHAEL A.	2,419,083	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,419,156
SUFKE, THOMAS	2,419,138			UNIVERSITY OF VIRGINIA PATENT FOUNDATION	2,419,108
SUGIMOTO, MANABU	2,419,038			UNIVERSITY OF VIRGINIA PATENT FOUNDATION	2,420,277
SULLIVAN, MARK C.	2,418,855			VACULIK, VIT	2,418,732
SULLIVAN, MARK C.	2,419,063			VALE, WYLIE W.	2,418,144
SULYOK, GABOR	2,419,423			VAN BERGENHENEGOUWEN, BRAM JEROEN	2,419,725
SUM, FUK-WAH	2,416,667			VAN DE MAELE, IGNACE MARIA S. M.	2,420,041
SUMITOMO PHARMACEUTICALS CO., LTD.	2,417,255			VAN OOSTERHOUT, ANTOON J. M.	2,419,725
SUN, DAVID	2,415,258			VARCO IP, INC.	2,419,155
SUNTORY LIMITED	2,420,374			VAUGHAN, JOAN M.	2,418,144
SURMODICS, INC.	2,419,379			VEGTER, DERK	2,419,443
SUTHERLIN, DANIEL P.	2,419,580			VELGHE, FRANCK	2,420,041
SWANENBERG, ADRIANUS	2,419,074			VERNON, STEPHEN D.	2,419,549
SWEENEY, ANTHONY	2,418,092			VERTEX PHARMACEUTICALS INCORPORATED	2,418,389
SYNGENTA PARTICIPATIONS AG.	2,413,548			VESUVIUS, INC.	2,419,553
SYNTHES (U.S.A.)	2,418,941			VIEL, PASCAL	2,419,807
TADA, YOSHIFUMI	2,419,282			VIGNERON, JEAN-PIERRE	2,417,473
TAKAHASHI, SAKARU	2,419,614			VON DEYN, WOLFGANG	2,416,722
TAKAIWA, FUMIO	2,419,282			VOZIANOV, OLEKSANDR F.	2,419,203
TAKAMOTO, SHIGEHIRO	2,418,307			VROLIJK, ENNO J.	2,419,443
TAKECHI, NOBUYUKI	2,419,067			VYREX CORPORATION	2,419,047
TAKEDA CHEMICAL INDUSTRIES, LTD.	2,419,067			WADA, KOUCHI	2,419,291
TAKEDA, KAZUYOSHI	2,419,038			WADA, NAOYA	2,420,275
TAKEI, AKIRA	2,417,971			WADA, SEIJI	2,418,810
TAKEI, AKIRA	2,418,350			WADA, SEIJI	2,419,636
TAKUWA, TOMOFUMI	2,415,899				
TANAKA, MASAO	2,419,657				
TANAKA, MASAYUKI	2,419,288				
TANG, RENJIE	2,418,859				

## Index des demandes PCT entrant en phase nationale

WADA, SEIJI	2,419,670	XZILLION GMBH & CO KG	2,420,251
WADLEY, HAYDN N. G.	2,419,108	YABUTA, MASAYUKI	2,420,374
WAGNER, GEORG	2,417,902	YACHIA, DANIEL	2,418,837
WAGNER, THOMAS	2,420,251	YAGI, SHINTARO	2,419,046
WALIA, NARINDER K.	2,417,587	YAMAMORI, YASUO	2,419,543
WALIA, NARINDER K.	2,420,105	YAMAMOTO, HIROTAKA	2,413,974
WALKER, IKE	2,419,598	YAMAMOTO, KATSUHIKO	2,420,374
WALKER, MICHAEL G.	2,420,101	YAMANOUCHI	
WALKER, MICHAEL G.	2,420,659	PHARMACEUTICAL CO.	
WALLEN, VESA VIKTOR	2,419,298	LTD.	2,415,899
WALTER KIDDE PORTABLE		YAMANOUCHI	
EQUIPMENT, INC.	2,419,110	PHARMACEUTICAL CO.	
WALTER KIDDE PORTABLE		LTD.	2,419,616
EQUIPMENT, INC.	2,419,124	YAMASHITA, TAKEYOSHI	2,418,802
WALTHER, DICK	2,419,126	YAMATOYA, HIDEYUKI	2,417,597
WANG, HOAU-YAN	2,419,545	YANG, JUNMING	2,417,587
WANG, HSIEN-CHANG	2,419,247	YANG, LIHU	2,419,194
WANG, XUN	2,413,548	YAO, MONIQUE G.	2,417,587
WARD, STEVEN B.	2,415,257	YAO, MONIQUE G.	2,420,105
WARMAN, MATTHEW L.	2,419,454	YAP, PIERRE E.	2,418,496
WARREN, BRIDGET A.	2,420,105	YASUKAWA, TAKUJI	2,418,348
WATANABE, MASATO	2,419,616	YASUKAWA, TAKUJI	2,418,350
WATANUKI, SUSUMU	2,415,899	YASUMASU, TAKESHI	2,417,971
WEBER, ERIC R.	2,420,459	YASUMASU, TAKESHI	2,418,348
WEBSTER, MARION	2,420,591	YASUMASU, TAKESHI	2,418,350
WECK, ALEXANDER	2,418,972	YE, JANE	2,420,696
WEI, JIANMEI	2,419,540	YE, ZHIXIONG	2,419,310
WEI, JIANMEI	2,419,550	YEDA RESEARCH &	
WEI, JIANMEI	2,419,552	DEVELOPMENT CO. LTD.	2,417,233
WEI, MING-HUI	2,420,696	YEDA RESEARCH AND	
WEI, PING	2,419,306	DEVELOPMENT CO. LTD.	2,420,499
WEI, PING	2,420,192	YOCUM, R. ROGERS	2,419,461
WEI, PING	2,420,320	YOKOTA, HIROSHI	2,420,275
WEI, PING	2,420,392	YOSHIDA, KOZO	2,416,709
WEI, PING	2,420,705	YOSHIDA, TETSU	2,418,088
WEICHSSELBAUM, RALPH R.	2,418,982	YOUNAS, FAYYAZ	2,418,859
WEINMANN, HANNS-JOACHIM	2,419,259	YU, DAIGUAN	2,419,322
WELLS, MICHAEL G.	2,415,262	YU, GUO-LIANG	2,420,593
WHITEFIELD, JAMES	2,417,616	YU, JIMMY Y.	2,418,496
WHITNEY, GENA	2,416,713	YUAN, JUN	2,418,853
WHITTAMORE, PAUL	2,417,594	YUE, HENRY	2,417,587
WIDDER, MARK W.	2,419,555	YUE, HENRY	2,420,105
WILLIAM PRYM GMBH & CO.		YUGUCHI, MASATO	2,418,808
KG	2,418,293	ZAKRYTOE AKTSIONERNOE	
WILLIAMS, P. MICKEY	2,420,176	OBSHESTVO	
WILLIAMS, P. MICKEY	2,420,193	INDEPENDENT POWER	
WINDHAB, NORBERT	2,420,251	TECHNOLOGIES "IPT"	2,416,609
WIRTH, MARGARET C.	2,419,157	ZAMIR, ELI	2,417,233
WISCONSIN ALUMNI		ZANDERS FEINPAPIERE AG	2,419,241
RESEARCH FOUNDATION	2,419,890	ZHANG, HAIBAO	2,420,393
WOLF, WALTER	2,419,459	ZHANG, JINGWU Z.	2,420,283
WOLLMER, PER	2,419,606	ZHANG, LIANHUI	2,420,393
WON, JAMES	2,419,548	ZHANG, ZEMIN	2,420,140
WONG, WAH Y.	2,420,743	ZHANG, ZEMIN	2,420,176
WOOD, WILLIAM I.	2,419,541	ZHANG, ZEMIN	2,420,193
WOOD, WILLIAM I.	2,420,140	ZHOU, HUA-PING	2,420,406
WOOD, WILLIAM I.	2,420,193	ZHOU, TIECHENG	2,415,258
WRIGHT, RACHEL J.	2,418,496	ZHOU, XIAOCHUAN	2,415,258
WU, THOMAS D.	2,420,140	ZHU, FANSAN	2,418,974
WU, THOMAS D.	2,420,176	ZHU, TONG	2,413,548
WU, THOMAS D.	2,420,193	ZINGLER, KURT A.	2,420,105
WURTENBERGER, JOHN	2,419,110	ZWIGART, JOHN M.	2,418,344
WYETH COMPANY	2,416,667		
WYMENGA, ATE B.	2,420,118		
XEOTRON CORPORATION	2,415,258		
XIE, MING-HONG	2,419,541		
XU, JINGPING	2,419,559		
XU, JINLING	2,420,393		
XU, YUMING	2,417,587		
XUE, QING	2,419,542		

## **Index of PCT Applications Entering the National Phase**

## **Index of Canadian Divisional and Previously Unavailable Laid-Open applications**

## **Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant**

BOVE, RICK L.	2,357,419
CORDERY, ROBERT A.	2,419,735
DALES, G. CAMERON	2,419,700
DOBAK, JOHN D., III	2,419,457
FIRCA, JOSEPH R.	2,416,318
HAJDUK, DAMIAN A.	2,419,700
HUDSON PRODUCTS CORPORATION	2,419,532
INNERCOOL THERAPIES, INC.	2,419,457
INTERDIGITAL TECHNOLOGY CORPORATION	2,419,411
KINK, JOHN A.	2,416,318
LASHERAS, JUAN C.	2,419,457
MANSKY, PAUL	2,419,700
MATSIEV, LEONID	2,419,700
MCFARLAND, ERIC	2,419,700
MESECHER, DAVID K.	2,419,411
NIELSEN, RALPH B.	2,419,700
OPHIDIAN PHARMACEUTICALS, INC.	2,416,318
OZLUTURK, FATIH M.	2,419,411
PADHYE, NISHA V.	2,416,318
PINTSOV, LEON A.	2,419,735
PITNEY BOWES INC.	2,419,735
RUSH, GREGORY C.	2,419,532
STAFFORD, DOUGLAS C.	2,416,318
SYMYX TECHNOLOGIES, INC.	2,419,700
THALLEY, BRUCE S.	2,416,318
TURNER, HOWARD	2,419,700
VAN BEEK, JOHANNES A. M.	2,419,700
VAN ERDEN, LYNN	2,419,700
WANG, PEI	2,419,700
WILLIAMS, JAMES A.	2,416,318