

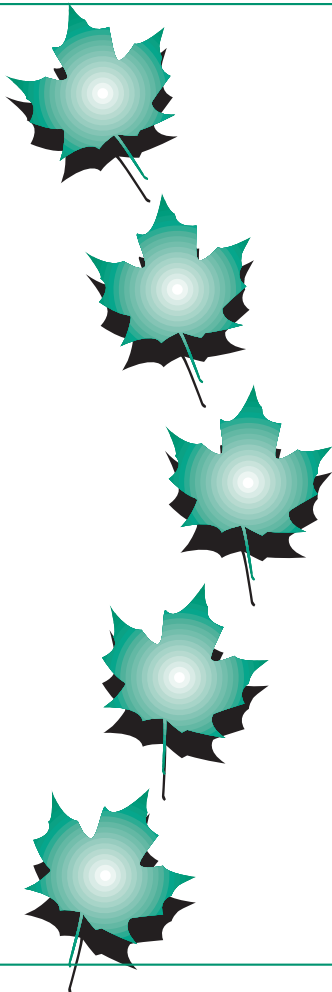


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 129, N° 4 le 23 janvier 2001

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

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# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	9
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	35
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	57
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	79
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	81
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	87
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	91
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 .....	95

## 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, 2000 will be shown as 2000-01-02.

#### 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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said 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 2000, par exemple, sera représenté par 2000-01-02.

#### 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
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [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 Codes

A complete list of country codes has been published in the October 24, 2000 issue of the Canadian Patent Office Record 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 an alphabetical listing of subject matter titles for the various classes by writing a request 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.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

### 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

#### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

### 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 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.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

#### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

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- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

### 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

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- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including patents both in force and expired, may be ordered at a price of 50¢ per page from the Patent Office.

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. 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.

### 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. 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.

### 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.

#### 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.

#### 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. 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.

### 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.

## Notices

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

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

2,135,120  
2,219,473

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,161,200 which issued on January 23, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. 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.

### 13. Language of Published Documents

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

### 10. 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

2,135,120  
2,219,473

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 23 janvier 1984 sont maintenant expirés, jusque et y compris le no. 1,161,200. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. 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.

### 13. 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.



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

#### BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	562.00
Amount for each additional sheet over 30	13.00

3. **Designation Fee:** (Rule 15.2(a)) 121.00  
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00

4. **International Search Fee** 1,249.00  
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. **Late Payment Fee** 50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: Basic Fee

#### Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147.00 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office.

\* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	562,00
Montant pour chaque feuille au delà de 30	13,00

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 121,00  
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.

4. **Taxe de recherche internationale** 1 249,00  
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 canadien 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 lui 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. **Taxe pour paiement tardif** 50% du montant impayé, ou,  
Minimum: taxe de transmission  
Maximum: taxe de base

#### Examen préliminaire

6. **Taxe de traitement:** 287,51 marks allemands  
(Règle 57.2(a)) 147,00 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. 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>.

### 15. 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>.

## Avis

### **16. Laid-Open Applications**

The Patent Office Record of January 23, 2001 contains laid-open applications from December 31, 2000 - January 6, 2001.

### **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 31 décembre 2000 - 6 janvier 2001.

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[54] **STRUCTURAL CONNECTOR**  
[54] **ORGANE D'ASSEMBLAGE**  
[72] Silber, Meir, CA  
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[54] **SYSTEME DE CONTROLE DE BATTERIES**  
[72] Clegg, Andrew Simon, GB  
[73] OPALPORT ELECTRONICS LIMITED, GB  
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[51] **Int.Cl. 5C07C 49/813 5A01N 41/10 5C07C 317/24**  
[25] EN  
[54] **CERTAIN 2-(2',3',4'-TRISUBSTITUTED BENZOYL)-1,3-CYCLOHEXANEDIONES**  
[54] **CERTAINES 2-(BENZOYLE TRISUBSTITUE EN 2',3' ET 4')-1,3-CYCLOHEXANEDIONES**  
[72] Michaely, William J., US  
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[51] **Int.Cl. 5H01R 9/07 5H01R 4/24**  
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[54] **CONNECTEUR DE CABLE ELECTRIQUE MULTICONDUCTEUR**  
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[73] Molex Incorporated, US  
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[25] EN  
[54] **OVERVOLTAGE PROTECTION CIRCUITS**  
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[30] GB (88.26481.7) 1988-11-11

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[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[51] **Int.Cl. 5A61F 13/15**  
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[54] **ABSORBENT PAD AND METHOD AND APPARATUS FOR MAKING THE SAME**  
[54] **SERVIETTE ABSORBANTE ET METHODE ET APPAREIL DE FABRICATION CORRESPONDANTS**  
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[51] Int.Cl. 5B02C 25/00 5B02C 13/26  
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[54] **METHOD FOR THE AUTOMATIC ADJUSTMENT IN A COMMUNOTOR OF THE GRINDING GAP DETERMINING THE GRAIN STRUCTURE OF THE COMMUNUTED MATERIAL AND AN APPARATUS THEREFOR**  
[54] **METHODE DE REGLAGE AUTOMATIQUE DE L'ECARTEMENT DES CYLINDRES D'UN BROYEUR (DETERMINANT LA FINESSE DES ELEMENTS BROYES), ET APPAREIL CONNEXE**  
[72] Seiffert, Klaus-Peter, DE  
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[22] 1990-04-06  
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[25] EN  
[54] **MODIFIED PHOSPHORAMIDITE PROCESS FOR THE PRODUCTION OR MODIFIED NUCLEIC ACIDS**  
[54] **PROCEDE MODIFIE DE PRODUCTION D'ACIDES NUCLEIQUES MODIFIES AU PHOSPHORAMIDITE**  
[72] Von Der Eltz, Herbert, DE  
[72] Muhlegger, Klaus, DE  
[72] Berner, Sibylle, DE  
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[72] Batz, Hans-Georg, DE  
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[22] 1990-05-23  
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[51] Int.Cl. 5C07D 219/10 5C07D 413/04 5A61K 31/47 5A61K 31/535  
[25] EN  
[54] **(1,2,3,4-TETRAHYDRO-9-ACRIDINIMINO)CYCLOHEXANE CARBOXYLIC ACID AND RELATED COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **ACIDE (1,2,3,4-TETRAHYDRO-9-ACRIDINIMINO)CYCLOHEXANE CARBOXYLIQUE ET COMPOSES APPARENTES, PROCEDE DE PREPARATION ET UTILISATION COMME MEDICAMENTS**  
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[72] Ong, Helen Hu, US  
[73] AVENTIS PHARMACEUTICALS INC., US  
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[54] **CYCLIC VINYLOGOUS N-HYDROXY-N-METHYLUREAS USEFUL AS 5-LIPOXYGENASE INHIBITORS**  
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[54] **ANTI-PSYCHOTIC PIPERIDYNL BENZIMIDAZOLE COMPOUNDS**  
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[73] AVENTIS PHARMA INC., CA  
[22] 1990-08-01  
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[73] Wicke GmbH & Co., DE  
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[54] **RIBOFLAVIN GRANULES CONTAINING NO INACTIVE INGREDIENT**  
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[54] **MACHINES POUR LA LESSIVE ET METHODE DE REGULATION DESDITES MACHINES**  
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[73] ETHICON, INC., US  
[22] 1990-10-15  
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[54] **ASSOCIATION DE FONCTIONS DE REGLAGE IMPLICITE, D'EDITION, DE CALCUL ET DE LISTAGE ET DE COMBINAISONS DE CES FONCTIONS, AVEC DES ATTRIBUTS ET DES TYPES D'ATTRIBUT**  
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[72] Kraskin, Kenneth, US  
[73] MCNEIL-PPC, INC., US  
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[54] **PLASMA TORCH**  
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[72] Pineau, Didier, FR  
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[54] **ALLIAGE MAGNETIQUE A GRAINS CRISTALLINS ULTRA FINS**  
[72] Yoshizawa, Yoshihito, JP  
[72] Bizen, Yoshio, JP  
[72] Suwabe, Shigekazu, JP  
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[54] **PATE INSECTICIDE EN CONTENANT SOUS PRESSION POUR APPLICATIONS INTERSTITIELLES**  
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[73] Clorox Company (The), US  
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[54] **AMINOCARBONYLCARBAMATES RELATED TO PHYSOSTIGMINE, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **AMINOCARBONYLCARBAMATES APPARENTES A LA PHYSOSTIGMINE, UN PROCEDE POUR LES PREPARER ET LEUR UTILISATION COMME MEDICAMENTS**  
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5H01M 10/40 5H01M 10/50  
[25] FR  
[54] PROCEDE DE CHAUFFAGE  
RAPIDE ET UNIFORME D'UN  
ENSEMBLE MULTICOUCHE  
COMPORTANT AU MOINS UNE  
COUCHE MINCE A BASE D'UN  
MATERIAU MACROMOLECULAIRE A  
CONDUCTION IONIQUE INTERCALEE  
ENTRE DEUX STRUCTURES A  
CONDUCTION ELECTRONIQUE  
ELEVEE  
[54] METHOD FOR RAPID AND  
UNIFORM HEATING OF A MULTI-  
LAYER ASSEMBLY COMPRISING AT  
LEAST THIN FILM OF ION  
CONDUCTING MACROMOLECULAR  
MATERIAL INTERLEAVED BETWEEN  
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[72] Ricoux, Philippe, FR  
[72] Muller, Daniel, FR  
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[73] HYDRO-QUEBEC, CA  
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[86] 1990-05-10 (PCT/FR90/00326)  
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[51] Int.Cl. 5C07D 519/00 5C07D 231/04  
5C07D 487/04  
[25] EN  
[54] PROCESS FOR PREPARING  
(1R,5S,6S)-2-((6,7-DIHYDRO-5H-  
PYRAZOLO-1,2-A)-1,2,4|  
TRIAZOLIUM-6-YL)| THIO-6- (R)-1-  
HYDROXYETHYL]-1-METHYL-  
CARBAPENEM-3-CARBOXYLATE  
AND STARTING  
MATERIALSTHEREOF  
[54] PROCEDE DE PREPARATION DU  
(1R,5S,6S)-2-((6,7-DIHYDRO-5H-  
PYRAZOLO-1,2-  
A)-1,2,4|TRIAZOLIUM-6-YL)|THIO-6-  
(R)-1-HYDROXYETHYL]-1-  
METHYLCARBAPENEME-3-  
CARBOXYLATE ET MATIERES  
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[54] CONTROL AND AUTOMATIC  
REGULATION DEVICE FOR  
CATHODIC PROTECTION SYSTEMS  
IN REINFORCED CONCRETE  
STRUCTURES  
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POUR SYSTEMES DE PROTECTION  
CATHODIQUE DANS DES OUVRAGES  
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UNIFORM AND NODULAR  
CORROSION RESISTANCE  
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POUR UNE RESISTANCE UNIFORME  
ET NODULAIRE A LA CORROSION  
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[54] PROCESS FOR IN SITU  
DECONTAMINATION OF  
SUBSURFACE SOIL AND  
GROUNDWATER  
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DECONTAMINATION IN SITU DU  
SOUS-SOL ET DES EAUX  
SOUTERRAINES  
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5G01N 33/576 5C12Q 1/68 5C12Q 1/70**  
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POLYPEPTIDE**  
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[54] **APPAREIL SERVANT A LA  
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[72] Everhart, Cherie H., US  
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FOR PRODUCING**  
[54] **ACIER NON VIEILLISSANT  
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ENGINE FOR VEHICLE HAVING AN

AIR CONDITIONING APPARATUS

[54] SYSTEME DE REFROIDISSEMENT

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PLACEMENT OF LOW PROFILE

GASTROSTOMY DEVICE AND

METHOD OF PLACEMENT

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[13] C

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WALL

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[54] **APPAREIL DE COULAGE POUR RACCORDER UNE PLAQUE D'ACCUMULATEUR A UNE COURROIE METALLIQUE**  
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[54] **METHODE DE PREPARATION D'UN SOLIDE HYDROPHOBE OU AEROPHILE DISPERSABLE DANS L'EAU**  
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[73] Danochemo A/S, DK  
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[54] **METHODE ET SYSTEME DE RECYCLAGE DE DECHETS, Y COMPRIS DES MATERIAUX PLASTIQUES**  
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[73] Rockwell International Corporation, US  
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[13] C

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[54] **ADSORPTIVE GAS SEPARATOR WITH INERTIAL ENERGY EXCHANGE**  
[54] **SEPARATEUR ABSORBANT DE GAZ, COMPORTANT UN ECHANGE INERTIEL D'ENERGIE**  
[72] Keefer, Bowie Gordon, CA  
[73] QUESTAIR TECHNOLOGIES INC., CA  
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[13] C

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[25] EN  
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[54] **APPAREIL SERVANT A DETERMINER LES DEBITS BINAIRES, ET METHODE CONNEXE**  
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[13] C

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[73] MOTOROLA, INC., US  
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[13] C

[51] **Int.Cl. 5C10B 53/00 5C10G 1/00 5C10G 1/10**  
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[54] **CRAQUAGE DE POLYMERES**  
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[11] 2,101,103  
[13] C

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[25] EN  
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[54] **SYSTEME DE GESTION DE CABLAGE ET DISPOSITIFS CORRESPONDANTS**  
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[72] Schmidt, Clayton C., US  
[73] HON INDUSTRIES INC., US  
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[13] C

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[54] **APPAREIL DE SAISIE D'IMAGES**  
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[72] Futatsuka, Masahiko, JP  
[72] Ishida, Satoshi, JP  
[72] Miyauchi, Yasunori, JP  
[72] Masuda, Minoru, JP  
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[73] PFU Limited, JP  
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[87] (WO93/18993)  
[30] JP (4/93746) 1992-03-19  
[30] JP (4/128,049) 1992-04-20  
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[30] JP (4/335574) 1992-11-19

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[13] C

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[25] EN  
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[54] **METHODE A DOUBLE TAMPON POUR DECODEUR DE MOTS DE LONGUEUR VARIABLE**  
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[54] **PROCEDE POUR L'OBTENTION DE CARBURE DE SILICIUM**  
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[54] **MONTANTS D'ECHELLES ET ECHELLES CONSTRUITES AVEC CES MONTANTS**  
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[73] Palmerston Extension Ladder Company Limited, NZ  
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[72] Hashimoto, Yasuaki, MY  
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[73] Bell Helicopter Textron Inc., US  
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[54] **PROCESS FOR THE  
PREPARATION OF HIGHLY  
CONCENTRATED FREE-FLOWING  
AQUEOUS SOLUTIONS OF BETAINES**  
[54] **PROCEDE POUR LA  
PREPARATION DE SOLUTIONS  
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[72] Hamann, Ingo, DE  
[72] Köhle, Hans-Jürgen, DE  
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[72] Voisin, Gilles, FR  
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[54] **METHODE POUR LA  
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[73] Shima Seiki Manufacturing, Ltd., JP  
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[25] EN  
[54] **SYSTEM AND METHOD FOR  
PROTECTING OPTICAL ELEMENTS  
FROM DOWN-HOLE FLUIDS**  
[54] **SYSTEME ET METHODE POUR  
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[13] C

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[54] **PROCEDE DE PRODUCTION DE**  
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[72] Kepplinger, Leopold-Werner, AT  
[72] Reufer, Franz, DE  
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**D'EMULSIONS AQUEUSES D'HUILES**  
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[54] **PROCESS FOR PREPARING OIL**  
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[72] Derian, Paul-Joël, FR  
[72] Feder, Michel, FR  
[72] Paillet, Jean-Pierre, FR  
[72] Peignier, Michel, FR  
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**MACHINE**  
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[72] Dalebout, William T., US  
[72] Watterson, Scott R., US  
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[25] FR  
[54] **PROCEDE DE FABRICATION**  
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**DECOUPES DANS UNE DALLE**  
**COMPOSITE ET ELEMENT DE**  
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[54] **PRODUCTION PROCESS OF**  
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**ELEMENTS OBTAINED THEREOF**  
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[72] Vannier, Dominique, FR  
[73] Composants Tarnais Beton, FR  
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**CLOSED-CELL FOAM LINER**  
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**CLEANER POWERHEAD**  
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**A MOTEUR D'ASPIRATEUR**  
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[72] Lewis, Marvin, CA  
[72] Wilford, Laurie G., CA  
[73] WCI Canada Inc., CA  
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[54] **CHAMBRE DE DETECTION DE**  
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[54] **MACHINE D'ASSEMBLAGE AUTOMATIQUE DE PILES D'ELEMENTS COMPOSITES, Y COMPRIS DES LAMES DE CUIVRE, POUR LA FABRICATION DES PLASTIQUES STRATIFIES A PARTIR DE BANDES DISPOSEES EN FORME DE SERPENTIN**  
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[25] EN  
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[54] **METHODE ET DISPOSITIF MULTI-ETAGES DE SEPARATION PAR OSMOSE INVERSE**  
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[54] **ANTI-STATIC ANCHOR COATING AGENT AND LAMINATING COMPOSITE FILM**  
[54] **AGENT DE REVETEMENT ANTISTATIQUE D'ANCRAGE ET PELLICULE MIXTE LAMINEE**  
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[73] Altech Company Limited, JP  
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[54] **PRO-DRUGS OF 5-(2-(4-(1,2-BENZISOTHIAZOL-3-YL)-1-PIPERAZINYL)ETHYL)-6- CHLORO-1,3-DIHYDRO-2H-INDOL-2-ONE**  
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[72] WALINSKY, Stanley Walter, US  
[73] PFIZER INC., US  
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[54] **NEUROPROTECTIVE 3-(PIPERIDINYL-1)-CHROMAN-4,7-DIOL AND 1-(4-HYDROPHENYL)-2-(PIPERIDINYL-1)-ALKANOL DERIVATIVES**  
[54] **DERIVES DE 3-(PIPERIDINYL-1)CHROMANE-4,7-DIOL ET DE 1-(4-HYDROPHENYL)-2-(PIPERIDINYL-1)ALKANOL, AGENTS NEUROPROTECTEURS**  
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[72] BUTLER, Todd W., US  
[73] PFIZER INC., US  
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[87] (WO96/06081)  
[30] US (08/292,651) 1994-08-18

[11] **2,199,096**  
[13] C

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[25] EN  
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[54] **PROCESSUS ET DISPOSITIF POUR RECUPERER LES COMPOSANTS D'UNE PILE SCELLEE**  
[72] KAWAKAMI, Soichiro, JP  
[72] KOBAYASHI, Naoya, JP  
[72] ASAO, Masaya, JP  
[73] CANON KABUSHIKI KAISHA, JP  
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[54] METHODE POUR MONTER DEUX MACHINES AUXILIAIRES EN TANDEM AVEC UNE AUTOMOBILE ET DISPOSITIF DE TRANSMISSION DE PUISSANCE  
[72] HIROSE, Tatsuya, JP  
[72] YAGI, Kiyoshi, JP  
[72] BAN, Takashi, JP  
[72] MORI, Hidefumi, JP  
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[72] MORRIS, Matthew G., US  
[72] GEORGE, William R., US  
[72] CLEMENS, Charles E., US  
[72] MARTIN, Stephen A., US  
[72] HOWARD, Paul L., US  
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[13] C

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[54] PROCEDE ET APPAREIL DE DEGRAISSAGE DE VIANDE HACHEE  
[72] MARGOLIS, Geoffrey, US  
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[54] PELLICULE POUR SACHETS MULTIPLES  
[72] FUKUSHIMA, Yuji, JP  
[72] SUGAWA, Michio, JP  
[72] MATSUSHITA, Tetsuo, JP  
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[54] APPAREIL DE TRIAGE DES CEREALES  
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[72] KATOU, Akihiko, JP  
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[54] RESEAU DE GUIDE D'ONDE OPTIQUE ET METHODE POUR EN PRODUIRE  
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[72] SAKAI, Tetsuya, JP  
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[13] C

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[73] S. C. JOHNSON & SON, INC., US  
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[54] **PELLICULE LAMINEE ET MATERIAU D'EMBALLAGE**  
[72] MIHARU, Kenji, JP  
[72] KOKURYOU, Masaru, JP  
[72] AMADA, Yasushi, JP  
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[73] MITSUI CHEMICALS, INC., JP  
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[13] C

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[54] **SYSTEME D'IDENTIFICATION DES VEHICULES POUR SYSTEME DE PEAGE ELECTRONIQUE**  
[72] NAKAMURA, Yuki, JP  
[72] KUWAHARA, Yoshihiko, JP  
[73] NEC CORPORATION, JP  
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[13] C

[51] **Int.Cl. 6B21B 1/46 6C21D 8/04**  
[25] EN  
[54] **PROCESS AND DEVICE FOR PRODUCING A STEEL STRIP WITH THE PROPERTIES OF A COLD-ROLLED PRODUCT**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE FEUILLE D'ACIER PRESENTANT LES PROPRIETES D'UN PRODUIT LAMINE A FROID**  
[72] SPLINTER, Paul, DE  
[72] VON HAGEN, Ingo, DE  
[72] BLECK, Wolfgang, DE  
[72] PLESCHIUTSCHNIGG, Fritz-Peter, DE  
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[72] LEE, Don, US  
[73] ALBANY INTERNATIONAL CORP., US  
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[54] **APPAREIL DOSIMETRIQUE DU TYPE "SPACER"**  
[72] NIKANDER, Kurt Verner Holger, SE  
[72] DENYER, Jonathan Stanley Harold, GB  
[73] MEDIC-AID LIMITED, GB  
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[13] C

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[54] **AEROSOL-FORMING COMPOSITION FOR THE PURPOSE OF EXTINGUISHING FIRES AND METHOD FOR THE PREPARATION OF THIS COMPOSITION**  
[54] **COMPOSITION FORMANT UN AEROSOL POUR ETEINDRE DES FEUX; METHODE DE PREPARATION DE CETTE COMPOSITION**  
[72] YEMELYANOV, Valeriy Nilovitch, RU  
[72] KOZYREV, Valeriy Nikolaevitch, RU  
[72] SIDOROV, Alexey Ivanovitch, RU  
[72] ANDREEV, Vladimir Andreevitch, RU  
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[72] FURUKIMI, Osamu, JP  
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[72] SAKATA, Kei, JP  
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[72] MERTINS, Jürgen, CH  
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[13] C

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ELEMENT WITH BI-DIRECTIONAL  
SURFACE TEXTURE AND A MASS AND  
HEAT TRANSFER PROCESS USING  
SUCH PACKING ELEMENT  
[54] MATERIAU DE TASSEMENT  
NERVURE A TEXTURE  
BIDIRECTIONNELLE ET PROCEDE DE  
TRANSFERT DE MASSE ET DE  
CHALEUR UTILISANT LE MATERIAU  
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[72] PILLARELLA, Mark Robert, US  
[72] RISK, Frank Jude, US  
[73] Air Products and Chemicals, Inc., US  
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[30] US (08/647,495) 1996-05-14

[11] 2,205,659  
[13] C

[51] Int.Cl. 6B05D 1/26  
[25] EN  
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MATERIALS ONTO MOVING STRIP  
ARTICLES  
[54] ENDUCTION DE BANDES  
MOBILES AVEC DES MATIERES  
CEROIDES  
[72] INNES, ROBERT A., CA  
[73] ALCAN INTERNATIONAL LIMITED,  
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[85] 1997-05-21  
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[11] 2,205,833  
[13] C

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[25] EN  
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WITH PROTECTIVE/DECORATIVE  
LAYERS WHILE AVOIDING USE OF  
SOLVENTS  
[54] ENDUCTION DE BANDES DE  
METAL AVEC DES COUCHES  
PROTECTRICES/DECORATIVES SANS  
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[72] BROCKMAN, NEIL LOUIS, CA  
[73] ALCAN INTERNATIONAL LIMITED,  
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[13] C

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[54] DISPOSITIF D'INSERTION  
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[72] LANE, Lewis B., US  
[72] CROMBIE, John S., US  
[72] ASNIS, Stanley E., US  
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CABINET DOOR  
[54] FERRURE D'ARTICULATION  
POUR PORTE D'ARMOIRE DE  
RANGEMENT  
[72] PETERSON, Kirk A., US  
[72] DAVIS, Keith L., US  
[73] HON INDUSTRIES INC., US  
[22] 1997-06-06  
[30] US (08/685,717) 1996-07-24

[11] 2,207,375  
[13] C

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[54] APPAREIL ELECTROLYTIQUE  
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[72] AKUTSU, Shigeru, JP  
[72] TAKEUCHI, Toshihiro, JP  
[72] IMANAKA, Tadashi, JP  
[72] KIUCHI, Keiji, JP  
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[13] C

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[25] EN  
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[54] PROCEDE ET SYSTEME  
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[72] IKEDA, Shigeji, JP  
[73] NEC CORPORATION, JP  
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PROTECTIVE HEADGEAR  
[54] COQUE DE CASQUE  
PROTECTEUR  
[72] SINGH, SURINDAR PAL, CA  
[72] WINTERS, WILLIAM ROBERT, CA  
[72] OSTERTAG, William, CA  
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[54] **SEPARATION PAR ELECTRODIALYSE DES SULFURES ET DES CHLORURES DE LESSIVES DE REDUCTION EN PATE**  
[72] THOMPSON, ROKHSAREH, CA  
[72] PALEOLOGOU, MICHAEL, CA  
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[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
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[25] FR  
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[54] **USE OF A REACTOR STIRRED BY AN ARCHIMEDE-TYPE SCREW FOR FAUJASITE LSX SYNTHESIS**  
[72] PLEE, Dominique, FR  
[72] MASINI, Jean-Jacques, FR  
[73] CECA S.A., FR  
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[54] **AGENTS ANTI-CORROSION POUR COMPOSITIONS CIMENTAIRES**  
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[72] INCORVIA, Michael J., US  
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[51] **Int.Cl. 6B66F 9/24**  
[25] EN  
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[54] **SYSTEME DE CONTROLE DES MOUVEMENTS POUR VEHICULE DE MANUTENTION**  
[72] GUY, DOUGLAS S., CA  
[73] THE RAYMOND CORPORATION, US  
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[54] **APPARATUS FOR HEAT REMOVAL FROM A PC CARD ARRAY**  
[54] **APPAREIL D'EVACUATION DE LA CHALEUR D'UN RESEAU DE CARTES A PC**  
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[73] AT&T CORP., US  
[22] 1997-07-09  
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[13] C

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[54] **DISTRIBUTED PHOTOGRAPHIC SYSTEM FOR TAKING SELF PORTRAITS**  
[54] **SYSTEME PHOTOGRAPHIQUE REPARTI POUR FAIRE DES AUTO PORTRAITS**  
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[72] TEN BRINKE, Machiel A., NL  
[72] BEVERIDGE, Iain M., GB  
[73] POLAROID CORPORATION, US  
[85] 1997-07-24  
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[25] EN  
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[54] **PROCEDE ABAISSANT LA TENEUR EN STEROLS ET ACIDE GRAS LIBRES DES GRAISSES ANIMALES**  
[72] SIKORSKI, Chris, US  
[72] SHIEH, Wen, US  
[72] HEDGES, Allan, US  
[72] RITTER, Chris, US  
[73] CERESTAR USA, INC., US  
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[72] SAKABE, Yukio, JP  
[72] HATTORI, Koji, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
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[30] JP (8-213434) 1996-08-13  
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[51] **Int.Cl. 6B01D 39/16 6D21H 27/08 6A61M 1/34**  
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[54] **FILTRE POUR L'EXTRACTION DES LEUCOCYTES**  
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[72] FUKUDA, Tatsuya, JP  
[72] YOSHIDA, Kumi, JP  
[73] ASAHI MEDICAL CO., LTD., JP  
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[54] **APPAREIL DE PRESSAGE DE PLACAGES**  
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[72] HONDA, Noriyuki, JP  
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[51] **Int.Cl. 6C30B 31/06**  
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[54] **THERMAL SHOCK RESISTANT SAPPHIRE FOR IR WINDOWS AND DOMES, AND METHOD OF MAKING SAME**  
[54] **SAPHIR RESISTANT AUX CHOCS THERMIQUES POUR FENETRES ET DOMES IR, ET METHODES DE FABRICATION**  
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[73] RAYTHEON COMPANY, US  
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[54] **DISPOSITIF D'ALIMENTATION A DECOUPAGE**  
[72] TSUJI, Hitoshi, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
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[54] **STRUCTURE POUR L'ASSEMBLAGE DE LAMPES EN SERIE**  
[72] LIN, Mei-Lu, TW  
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[51] **Int.Cl. 6E05B 17/20**  
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[72] WALLER, Russell, US  
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[54] **DETECTION D'USAGE FRAUDULEUX POSSIBLE D'UN SYSTEME DE COMMUNICATIONS**  
[72] GIBBINGS, Christopher John, GB  
[72] EADEN, Russel, GB  
[72] PEEL, Stephen John, GB  
[72] WOODS, David John, GB  
[72] REGNAULT, John Christopher, GB  
[72] SCOTT, Michael, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[51] **Int.Cl. 6A46B 9/02**  
[25] FR  
[54] **BROSSE POUR L'APPLICATION D'UN PRODUIT COSMETIQUE ET DISPOSITIF DE MAQUILLAGE LA COMPRENANT**  
[54] **BRUSH FOR THE APPLICATION OF A COSMETIC PRODUCT AND MAKE-UP DEVICE INCLUDING IT**  
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[54] **DISPOSITIF DE MODULATION DE LARGEUR D'IMPULSION POUR LA CONVERSION D'UNE TENSION CONTINUE EN TENSION ALTERNATIVE TRIPHASEE**  
[72] PALSSON, Rolf, SE  
[72] LINDBERG, Anders, SE  
[73] ABB AB, SE  
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[30] SE (9701062-3) 1997-03-24

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[25] EN  
[54] **LASER GAS ANALYZER AND METHOD OF OPERATING THE LASER TO REDUCE NON-LINEARITY ERRORS**  
[54] **ANALYSEUR DE GAZ A LASER ET METHODE D'UTILISATION DU LASER PERMETTANT DE REDUIRE LES ERREURS DE NON-LINEARITE**  
[72] KIDD, Gary E., CA  
[73] KWARE SOFTWARE SYSTEMS INC., CA  
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[54] **SEL DE METHYLPYRROLIDINYLLINDOLE**  
[72] WYTHES, Martin James, GB  
[73] PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A., IE  
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[54] **FLUID TESTING AND ANALYSING DEVICE AND METHOD**  
[72] DUBUS, Yves, François, Pierre, FR  
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[54] **DISPOSITIF D'ENLEVEMENT D'UNE PELLICULE POUR MATERIAU MOULE EN RESINE**  
[72] UWAJI, Tetsuo, JP  
[72] TAKEUCHI, Naokazu, JP  
[72] IKEYA, Toru, JP  
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[25] EN  
[54] **METHOD AND APPARATUS FOR COPY PROTECTION FOR VARIOUS RECORDING MEDIA USING A VIDEO FINGER PRINT**  
[54] **PROCEDE ET APPAREIL DE PROTECTION CONTRE LES COPIES POUR DIVERS SUPPORTS D'ENREGISTREMENT, FAISANT APPEL A UNE EMPREINTE VIDEO**  
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[73] MACROVISION CORPORATION, US  
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[25] EN  
[54] **WHOLLY MICROFABRICATED BIOSENSORS AND PROCESS FOR THE MANUFACTURE AND USE THEREOF**  
[54] **BIOCAPTEURS COMPLETEMENT MICROFABRIQUES ET PROCESSUS POUR LEUR FABRICATION ET UTILISATION**  
[72] COZZETTE, Stephen N., US  
[72] PIZNIK, Sylvia, US  
[72] WIECK, Henry J., US  
[72] VAN DER WERF, Paul, US  
[72] STEINER, Susan J., US  
[72] SMIT, Nicolaas, US  
[72] MIER, Randall M., US  
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[25] EN  
[54] A PEPTIDE INHIBITING  
ELEVATIONS OF TRIGLYCERIDE  
LEVELS IN BLOOD AND AN AGENT  
FOR INHIBITING ELEVATIONS OF  
TRIGLYCERIDE LEVELS IN BLOOD  
COMPRISING THE PEPTIDE AS AN  
ACTIVE COMPONENT  
[54] PEPTIDE EMPCHANT  
L'AUGMENTATION DES  
CONCENTRATIONS DE  
TRIGLYCERIDES DANS LE SANG;  
AGENT INHIBITEUR DE  
L'AUGMENTATION DES  
CONCENTRATIONS DE  
TRIGLYCERIDES DANS LE SANG,  
RENFERMANT LE PEPTIDE COMME  
PRINCIPE ACTIF  
[72] KAGAWA, Kyoichi, JP  
[72] NUMATA, Masahiro, JP  
[72] FUKUHAMA, Chizuko, JP  
[72] FUJINO, Hiroaki, JP  
[72] MATSUTAKA, Hisako, JP  
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[30] JP (66916/1996) 1996-03-22

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[51] Int.Cl. 6H04Q 7/22 6G01S 5/06  
[25] EN  
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TELECOMMUNICATIONS SYSTEM  
[54] METHODE ET APPAREIL DE  
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DE TELECOMMUNICATION A  
SATELLITES  
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[54] SYSTEME DE TRANSFORMATION  
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[73] RANPAK CORP., US  
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[30] US (08/505,108) 1995-07-21

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[51] Int.Cl. 6H04M 3/22 6H04Q 3/545  
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[25] EN  
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CALCIUM CHLORIDE SCALES AND A  
USE OF THE METHOD  
[54] METHODE POUR PRODUIRE DES  
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[73] CT UMWELTECHNIK AG, CH  
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[51] Int.Cl. 6G01V 5/12  
[25] EN  
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GAMMA FOR MEASURING  
FORMATION DENSITY  
[54] DISPOSITIF GAMMA-GAMMA A  
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[72] WRIGHT, Peter D., US  
[72] STOLLER, Christian, US  
[72] WIJESEKERA, Nihal I., US  
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[54] **CHALUMEAU COUPEUR A MELANGE POSTERIEUR AYANT UN MODE PILOTE ET METHODE DE FONCTIONNEMENT**  
[72] DIEHL, Gregory William, US  
[73] THE ESAB GROUP, INC., US  
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[54] **CIRCUIT HYBRIDE HYPERFREQUENCE COMPRENANT UN ISOLATEUR MONTE EN SAILLIE**  
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[54] **MULTIPLE STATION GAMMA RAY ABSORPTION CONTRABAND DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION DE PRODUITS DE CONTREBANDE PAR ABSORPTION DES RAYONS GAMMAS A PLUSIEURS POSTES**  
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[73] NORTHROP GRUMMAN CORPORATION, US  
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[13] C

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[54] **DISPOSITIF POUR CHANGER LA HAUTEUR D'UNE CARAFE A CAFE**  
[72] WU, Hsinhan, US  
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[54] **SYSTEME DE MONITORAGE POUR CHAINE DE MONTAGE**  
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[54] **BOITIER PROTECTEUR POUR TRANSPORT D'OBJET FRAGILE**  
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[54] **FAILSAFE CONVECTION OVEN ASSEMBLY**  
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[30] US (370,650) 1989-06-23

[30] US (412,779) 1989-09-26

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[11] **2,301,118**

[13] C

[51] **Int.Cl. 7B29C 47/38 7B29C 47/78**

[25] EN

[54] **A HOMOGENIZATION**  
**ENHANCING THERMOPLASTIC**  
**FOAM EXTRUSION SCREW**

[54]

[72] FOGARTY, JAMES D., US

[73] FOGARTY, JAMES D., US

[85] 2000-02-15

[86] 1999-08-04 (PCT/US99/17694)

[87] ()

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[11] **2,309,349**

[13] C

[51] **Int.Cl. 7C09K 11/02 7A63H 33/28**

[25] EN

[54] **BLACK LIGHT BUBBLES**

[54] **BULLES VISIBLES SOUS UNE**

**SOURCE DE LUMIERE NOIRE**

[72] SWETLAND, WALLACE BYRON JR.,

US

[72] SWETLAND, MELODY SUE, US

[73] SWETLAND, WALLACE BYRON JR.,

US

[73] SWETLAND, MELODY SUE, US

[22] 2000-06-15

# Canadian Laid-Open Applications

December 31, 2000 - January 6, 2001

## Demandes canadiennes mises à la disponibilité du public

31 décembre 2000 - 6 janvier 2001

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[21] **2,274,873**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00**  
**6A01N 43/16 6A01N 37/42 6C12N 15/82**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR MODULATING FLOWERING**  
[54] **METHODES ET COMPOSITIONS POUR MODULER LA FLORAISON**  
[72] GIDDA, Satinder, CA  
[72] VARIN, Luc, CA  
[71] GIDDA, Satinder, CA  
[71] VARIN, Luc, CA  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,276,802**  
[13] A1  
[51] **Int.Cl. 6B62D 61/10 6B60K 17/10**  
**6B60K 17/342**  
[25] FR  
[54] **VEHICULE A SIX (6) ROUES MOTRICES**  
[54] **SIX-WHEEL-DRIVE VEHICLE**  
[72] BOIVIN, RICHARD, CA  
[71] BOIVIN, RICHARD, CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,827**  
[13] A1  
[51] **Int.Cl. 6A47B 3/083**  
[25] EN  
[54] **BANQUET TABLE**  
[54] **TABLE DE BANQUET**  
[72] CHANG, MEI-FANG, TW  
[71] CHANG, MEI-FANG, TW  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,828**  
[13] A1  
[51] **Int.Cl. 6F16N 39/06 6F01M 5/00**  
**6F16N 39/02 6F01M 11/03**  
[25] EN  
[54] **OIL FILTRATION APPARATUS**  
[54] **APPAREIL DE FILTRATION D'HUILE**  
[72] MERCHANT, GERALD, CA  
[72] LOBLICK, NORTON, CA  
[72] KLUGE, JENS, CA  
[71] MERCHANT, GERALD, CA  
[71] LOBLICK, NORTON, CA  
[71] KLUGE, JENS, CA  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,832**  
[13] A1  
[51] **Int.Cl. 6G06F 1/16**  
[25] EN  
[54] **VIEWSCREEN COVER**  
[54] **COUVRE-ECRAN DE VISUALISATION**  
[72] BROWN, ROBERT, CA  
[71] QUANTEBELLO CORPORATION, CA  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,840**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SYNCHRONIZING A DATABASE IN PORTABLE COMMUNICATION DEVICES**  
[54] **METHODE ET APPAREIL DE SYNCHRONISATION D'UNE BASE DE DONNEES DANS DES DISPOSITIFS DE COMMUNICATIONS PORTATIFS**  
[72] BIRKLER, JORGEN, SE  
[72] NOVAK, LARS, SE  
[72] AHLGREN, KRISTINA, SE  
[72] GUSTAVSSON, CARL, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,877**  
[13] A1  
[51] **Int.Cl. 6A01G 9/12 6A01G 17/10**  
[25] EN  
[54] **A SUPPORTING FRAME FOR A PORTION OF A STEM OF A PLANT**  
[54] **CADRE D'APPUI POUR UNE PARTIE DE LA TIGE D'UNE PLANTE**  
[72] DEARO, JÉROME, FR  
[71] HORTIMAT INC., CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,883**  
[13] A1  
[51] **Int.Cl. 6H04B 1/62 6H04B 14/08**  
[25] EN  
[54] **NON-LINEAR PREDISTORTION AND UPCONVERSION SYSTEM**  
[54] **SYSTEME DE CONVERSION-ELEVATION ET DE PREDISTORSION NON LINEAIRE**  
[72] DAVIES, ROBERT J., CA  
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA  
[22] 1999-07-02  
[43] 2001-01-02

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December 31, 2000 - January 6, 2001

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[21] **2,276,888**  
[13] A1  
[51] **Int.Cl. 6A47G 33/12**  
[25] EN  
[54] **ANGULARLY ADJUSTABLE TREE  
STAND HAVING SPHERICAL BASE  
SURFACES**  
[54] **SUPPORT D'ARBRE A ANGLE  
REGLABLE COMPRENANT DES  
SURFACES SPHERIQUES A LA BASE**  
[72] WELZEN, JOSEPH A., US  
[71] WELZEN, JOSEPH A., US  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,924**  
[13] A1  
[51] **Int.Cl. 6F23D 14/54 6F23D 14/42**  
[25] EN  
[54] **CUTTING NOZZLE FOR A  
POSTMIXED OXY-FUEL GAS TORCH**  
[54] **BUSE DE COUPE POUR  
CHALUMEAU A OXYGENE ET GAZ  
COMBUSTIBLE POST-MELANGES**  
[72] BISSONNETTE, CLAUDE, CA  
[71] OXY-ARC REPAIRS & SERVICES  
LTD., CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,932**  
[13] A1  
[51] **Int.Cl. 6B65F 3/04**  
[25] EN  
[54] **WASTE COLLECTION VEHICLE**  
[54] **CAMION A ORDURES**  
[72] TOMASSONI, GABE, CA  
[71] TOMASSONI, GABE, CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,934**  
[13] A1  
[51] **Int.Cl. 6F03B 11/00 6F03B 3/00  
6F03B 7/00 6F04B 19/00 6F03C 2/00**  
[25] FR  
[54] **TURBINE A INJECTION**  
[54] **INJECTION TURBINE**  
[72] GAGNON, JEAN-MARC, CA  
[71] GAGNON, JEAN-MARC, CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,939**  
[13] A1  
[51] **Int.Cl. 6G02B 7/09**  
[25] EN  
[54] **AUTO-FOCUS LENS HOLDER**  
[54] **SUPPORT DE LENTILLE A MISE  
AU POINT AUTOMATIQUE**  
[72] PARENT, ANDRÉ, CA  
[72] LABRANCHE, BRUNO, CA  
[72] GRENIER, PAUL, CA  
[72] BONNIER, DENI, CA  
[71] INSTITUT NATIONAL D'OPTIQUE,  
CA  
[22] 1999-07-05  
[43] 2001-01-05

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[21] **2,276,953**  
[13] A1  
[51] **Int.Cl. 6E04D 13/08 6F16L 27/00**  
[25] EN  
[54] **COUNTERWEIGHT FOR SPRING  
ACTIVATED DRAIN PIPE**  
[54] **CONTREPOIDS POUR CONDUIT  
D'EVACUATION A RESSORT**  
[72] BELKE, BRAD, CA  
[72] GLEADALL, ROBERT, CA  
[71] BELKE, BRAD, CA  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,276,969**  
[13] A1  
[51] **Int.Cl. 6E06B 9/01**  
[25] EN  
[54] **WINDOW GATE**  
[54] **GUICHET**  
[72] CHRISTOPOLOUS, GEORGE, CA  
[71] CHRISTOPOLOUS, GEORGE, CA  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,276,971**  
[13] A1  
[51] **Int.Cl. 6H04B 7/216 6H04Q 7/36**  
[25] EN  
[54] **PREAMBLE USING GOLAY  
SEQUENCE FOR ACCESS CHANNEL IN  
CELLULAR COMMUNICATIONS  
SYSTEMS**  
[54] **SYNCHRONISEUR INITIAL  
FAISANT APPEL AU CODE DE GOLAY  
POUR UN CANAL D'ACCES DANS DES  
SYSTEMES DE COMMUNICATIONS  
CELLULAIRES**  
[72] LE STRAT, EVELYNE, FR  
[72] MASSIE, BASTIEN, FR  
[72] BOUET, ETIENNE, FR  
[72] TONG, WEN, CA  
[71] LE STRAT, EVELYNE, FR  
[71] MASSIE, BASTIEN, FR  
[71] BOUET, ETIENNE, FR  
[71] TONG, WEN, CA  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,276,981**  
[13] A1  
[51] **Int.Cl. 6B61C 17/12 6B61L 23/00  
6B61L 25/00**  
[25] EN  
[54] **RAIL VEHICLE OPERATOR JOB  
MEMORY AID**  
[54] **AIDE-MEMOIRE POUR TACHES  
DE CONDUCTEUR DE VEHICULE  
FERROVIAIRE**  
[72] MITCHELL, RONALD EDWARD, CA  
[72] MILNE, PETER JOHN, CA  
[71] MITCHELL, RONALD EDWARD, CA  
[71] MILNE, PETER JOHN, CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,276,987**  
[13] A1  
[51] **Int.Cl. 6B67D 5/36**  
[25] EN  
[54] **AN IMPERVIOUS,  
ECONOMICALLY VIABLE AND  
ENVIRONMENTALLY FRIENDLY  
THERMOPLASTIC TUBING AND FILM**  
[54] **UN FILM ET UN TUBE  
THERMOPLASTIQUES,  
ECOLOGIQUES, IMPERMEABLES ET  
ECONOMIQUEMENT RENTABLES**  
[72] JACKSON, TERRY L., CA  
[72] PANDEY, RUPESH N., CA  
[72] PANDEY, RAJ N., CA  
[71] PANDEY, RAJ N., CA  
[22] 1999-07-06  
[43] 2001-01-06

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,277,009**  
[13] A1

[51] **Int.Cl. 6C08L 3/12 6D21H 19/10**  
[25] EN  
[54] **HYDROXYETHYL STARCH COMPOSITION**  
[54] **COMPOSITIONS D'AMIDON HYDROXYETHYLE**  
[72] GARLIE, DAVID EDWARD, US  
[72] ANDERSON, KEVIN RAY, US  
[71] CARGILL, INCORPORATED, US  
[22] 1999-07-08  
[43] 2001-01-06  
[30] US (09/347,377) 1999-07-06

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[21] **2,277,238**  
[13] A1

[51] **Int.Cl. 6H01R 19/40**  
[25] EN  
[54] **ELECTRIC ADAPTER**  
[54] **ADAPTATEUR ELECTRIQUE**  
[72] CHOU, JONIE, TW  
[71] CHOU, JONIE, TW  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,277,343**  
[13] A1

[51] **Int.Cl. 6H02J 15/00**  
[25] FR  
[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE**  
[54] **ELECTRICAL ENERGY STORAGE SYSTEM**  
[72] SAAID, OMAR, FR  
[72] BOUTET, JEAN-MARC, FR  
[71] SAAID, OMAR, FR  
[71] BOUTET, JEAN-MARC, FR  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,277,434**  
[13] A1

[51] **Int.Cl. 6B65D 85/86**  
[25] EN  
[54] **PACKAGE CASE FOR ELECTRIC APPLIANCES AND COMPUTERS**  
[54] **BOITE DE CONDITIONNEMENT D'APPAREILS ELECTRIQUES ET D'ORDINATEURS**  
[72] CHU, CHENG-KANG, ZZ  
[71] CHU, CHENG-KANG, TW  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,277,459**  
[13] A1

[51] **Int.Cl. 6A47G 7/04 6A47B 47/00**  
[25] EN  
[54] **ASSEMBLING FLOWER RACK**  
[54] **SUPPORT FLORAL**  
[72] HWANG, ARTHUR, US  
[71] HWANG, ARTHUR, US  
[22] 1999-07-06  
[43] 2001-01-06

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[21] **2,277,595**  
[13] A1

[51] **Int.Cl. 6G01F 23/24**  
[25] EN  
[54] **LEVEL DETECTOR FOR FLUENT MATERIAL**  
[54] **DETECTEUR DE NIVEAU POUR MATIERE FLUIDE**  
[72] CHEREK, BOGDAN, CA  
[72] BLESZYNSKI, STANISLAW, CA  
[71] MILLTRONICS LTD., CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,277,629**  
[13] A1

[51] **Int.Cl. 6G07F 19/00 6G07F 5/00 6G07F 11/00 6G06K 19/077 6G06F 9/40**  
[25] EN  
[54] **DATA PROCESSING AND METHOD**  
[54] **TERMINAL ET METHODE DE TRAITEMENT DE DONNEES**  
[72] HARROW, CHARLES, GB  
[71] NCR CORPORATION, US  
[22] 1999-07-19  
[43] 2001-01-01  
[30] US (09/346,225) 1999-07-01

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[21] **2,277,725**  
[13] A1

[51] **Int.Cl. 6B29C 47/36 6F16L 11/02 6H01B 19/04 6F16L 59/14**  
[25] EN  
[54] **A METHOD FOR COMPACTING POWDERED, GRANULAR, OR PARTICULATE MATTER, AND FOR CONTAINING THE COMPACTED MATTER DURING SUBSEQUENT PROCESSING**  
[54] **UNE METHODE POUR COMPACTER UNE MATIERE EN POWDRE, GRANULAIRE OU PARTICULAIRE ET POUR CONTENIR LA MATIERE COMPACTEE LORS D'UN TRAITEMENT ULTERIEUR**  
[72] MCKAY, NORMAN J., CA  
[72] TACKABERRY, BRETT M., CA  
[71] MCKAY, NORMAN J., CA  
[71] TACKABERRY, BRETT M., CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,277,727**  
[13] A1

[51] **Int.Cl. 6E04D 13/08**  
[25] EN  
[54] **ELBOW COUPLER**  
[54] **RACCORD COUDE**  
[72] ST-JACQUES, JEAN L., CA  
[71] ST-JACQUES, JEAN L., CA  
[22] 1999-07-02  
[43] 2001-01-02

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[21] **2,283,104**  
[13] A1

[51] **Int.Cl. 6A43B 13/18 6A43B 7/32**  
[25] EN  
[54] **FLEX SOLE**  
[54] **SEMELLE EXTERIEURE SOUPLE DE CHAUSSURE**  
[72] HERNANDEZ, HOMAR, US  
[71] HERNANDEZ, HOMAR, US  
[22] 1999-09-23  
[43] 2001-01-02  
[30] US (09/347,051) 1999-07-02  
[30] US (09/373,122) 1999-08-12

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December 31, 2000 - January 6, 2001

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[21] **2,292,191**  
[13] A1

[51] **Int.Cl. 7F24J 2/38**  
[25] EN  
[54] **APPARATUS FOR CAPTURING LIGHT ENERGY**

[54] **APPAREIL POUR CAPTER L'ENERGIE LUMINEUSE**

[72] SUGINOBU, KOH, JP  
[71] SUGINOBU, KOH, JP  
[22] 1999-12-14  
[43] 2001-01-01  
[30] JP (11-187099) 1999-07-01  
[30] JP (11-187100) 1999-07-01  
[30] JP (11-187101) 1999-07-01  
[30] JP (11-260198) 1999-09-14

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[21] **2,293,012**  
[13] A1

[51] **Int.Cl. 7A63B 63/00**  
[25] EN  
[54] **MINI HOCKEY GOAL NET**  
[54] **MINI-FILET DE BUT DE HOCKEY**  
[72] BUTLER, JOHN J., CA  
[71] BUTLER, JOHN J., CA  
[22] 1999-12-15  
[43] 2001-01-06

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[21] **2,293,112**  
[13] A1

[51] **Int.Cl. 7C10B 29/02**  
[25] EN  
[54] **METHOD OF REPAIRING COKE OVEN AND APPARATUS FOR TAKING-IN BRICKS FOR REPAIR**

[54] **METHODE DE REPARATION DE FOUR DE COKERIE ET DISPOSITIF DE SAISIE DES BRIQUES A REPARER**

[72] SATO, YOSHIHARU, JP  
[72] OZAWA, TATSUYA, JP  
[72] UCHIDA, TETSURO, JP  
[72] TAMURA, NOZOMU, JP  
[72] KAMIDE, NOBUYA, JP  
[72] OSAKI, YUZURU, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[71] OTTO CORPORATION, JP  
[22] 1999-12-23  
[43] 2001-01-05  
[30] JP (11-190067) 1999-07-05  
[30] JP (11-190068) 1999-07-05  
[30] JP (11-199187) 1999-07-13

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[21] **2,297,686**  
[13] A1

[51] **Int.Cl. 7H01R 12/06**

[25] EN  
[54] **MULTI-POLE ANGLE CONNECTING DEVICE**

[54] **DISPOSITIF DE RACCORDEMENT ANGULAIRE MULTIPOLAIRE**

[72] DINGENOTTO, MEINOLF, DE  
[72] KUHLE, JORG, DE  
[71] FILTEC FILTERTECHNOLOGIE FUR DIE ELEKTRONIKINDUSTRIE GMBH, DE  
[22] 2000-02-01  
[43] 2001-01-02  
[30] DE (299 11 342.6) 1999-07-02

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[21] **2,298,161**  
[13] A1

[51] **Int.Cl. 7B65G 21/10 7B27B 31/00**

[25] EN  
[54] **ADJUSTABLE SUPPORT FOR CONVEYOR**

[54] **SUPPORT REGLABLE DE CONVOYEUR**

[72] KNERR, MICHAEL P., US  
[71] U.S. NATURAL RESOURCES, INC., US  
[22] 2000-02-07  
[43] 2001-01-02  
[30] US (09/347,480) 1999-07-02

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[21] **2,298,162**  
[13] A1

[51] **Int.Cl. 7B42D 3/12**

[25] EN  
[54] **PRESSURE SENSITIVE LIBRARY CARD HOLDER**

[54] **PORTE-FICHE DE LIVRE DE BIBLIOTHEQUE SENSIBLE A LA PRESSION**

[72] CHESS, STANLEY C., US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 2000-02-07  
[43] 2001-01-06  
[30] US (09/348,240) 1999-07-06

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[21] **2,298,198**  
[13] A1

[51] **Int.Cl. 7F02N 11/14 7F02N 17/00 7B60R 16/04 7H02J 7/14**

[25] EN  
[54] **JUMP START SYSTEM FOR VEHICLES HAVING DIFFERENT OPERATING VOLTAGES**

[54] **SYSTEME DE DEMARRAGE D'APPOINT POUR VEHICULES AYANT DES TENSIONS DE**

**FONCTIONNEMENT DIFFERENTES**

[72] HOUGH, BARRY MICHAEL, US  
[72] SHOEMAKER, JIM MILTON, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-08  
[43] 2001-01-01  
[30] US (08/346,092) 1999-07-01

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[21] **2,299,018**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**

[25] EN  
[54] **METHOD AND SYSTEM FOR PROMOTING BUYER ANONYMITY IN ONLINE TRANSACTIONS**

[54] **METHODE ET SYSTEME POUR ASSURER L'ANONYMAT DE L'ACHETEUR LORS DES TRANSACTIONS EN LIGNE**

[72] GHANMA, EMAN, US  
[71] EWANTED.COM CORPORATION, US  
[22] 2000-02-18  
[43] 2001-01-06  
[30] US (09/348,732) 1999-07-06

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[21] **2,303,687**  
[13] A1

[51] **Int.Cl. 7B62K 19/32**

[25] EN  
[54] **VEHICLE STEERING HEAD RACCORD DE DIRECTION DE VEHICULE**

[72] KETTLER, HEINZ, DE  
[71] HEINZ KETTLER GMBH & CO., DE  
[22] 2000-04-03  
[43] 2001-01-05  
[30] DE (299 11 652.2) 1999-07-05

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,304,886**  
[13] A1

[51] **Int.Cl. 7A47L 13/10 7A47L 13/16**  
[25] EN  
[54] **CLEANING TOOL**  
[54] **OUTIL DE NETTOYAGE**  
[72] TOETSCHINGER, MARK J., US  
[72] DAWSON, MARY M., US  
[71] ECOLAB INC., US  
[22] 2000-04-07  
[43] 2001-01-02  
[30] US (09/347,327) 1999-07-02

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[21] **2,305,604**  
[13] A1

[51] **Int.Cl. 7F16L 59/02**  
[25] EN  
[54] **THERMAL AND MOISTURE**  
**RESISTANT INSULATIVE SHEET**  
[54] **FEUILLE ISOLANTE RESISTANT**  
**A LA CHALEUR ET A L'HUMIDITE**  
[72] OROLOGIO, FURIO, CA  
[71] OROLOGIO, FURIO, CA  
[22] 2000-04-12  
[43] 2001-01-06

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[21] **2,308,603**  
[13] A1

[51] **Int.Cl. 7A43B 13/14 7A43B 5/06**  
**7A43B 13/12**  
[25] EN  
[54] **ATHLETIC SHOE MIDSOLE**  
**DESIGN AND CONSTRUCTION**  
[54] **CONCEPTION ET FABRICATION**  
**DE SEMELLES INTERCALAIRES DE**  
**CHAUSSURES D'ATHLETISME**  
[72] KIMURA, TAKAYA, JP  
[72] KITA, KENJIRO, JP  
[71] MIZUNO CORPORATION, JP  
[22] 2000-05-16  
[43] 2001-01-02  
[30] JP (11-189235) 1999-07-02

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[21] **2,308,649**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04M 11/06**  
**7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**PERFORMING INTERNET PROTOCOL**  
**ADDRESS RESOLUTIONS IN A**  
**TELECOMMUNICATIONS NETWORK**  
[54] **METHODE ET APPAREIL**  
**EFFECTUANT LA RESOLUTION**  
**D'ADRESSE IP DANS UN RESEAU DE**  
**TELECOMMUNICATIONS**  
[72] OSMAN, GHASSAN M., CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-05-17  
[43] 2001-01-01  
[30] US (09/345,967) 1999-07-01

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[21] **2,308,724**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H02J 7/34**  
[25] EN  
[54] **FLEXIBLE METHOD FOR**  
**MONITORING FUEL CELL VOLTAGE**  
[54] **METHODE SOUPLE DE**  
**SURVEILLANCE DE LA TENSION DE**  
**CELLULES A COMBUSTIBLE**  
[72] MOWERY, KENNETH D., US  
[72] RIPLEY, EUGENE V., US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 2000-05-17  
[43] 2001-01-02  
[30] US (09/348,245) 1999-07-02

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[21] **2,309,025**  
[13] A1

[51] **Int.Cl. 7H02J 7/34 7H02J 1/14**  
**7H01M 8/24**  
[25] EN  
[54] **FUEL CELL STACK MONITORING**  
**AND SYSTEM CONTROL**  
[54] **SURVEILLANCE DE LA**  
**BATTERIE DE PILES A COMBUSTIBLE**  
**ET COMMANDE DU SYSTEME**  
[72] KESKULA, DONALD H., US  
[72] CLINGERMAN, BRUCE J., US  
[72] DOAN, TIEN M., US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 2000-05-23  
[43] 2001-01-06  
[30] US (09/345,125) 1999-07-06

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[21] **2,309,527**  
[13] A1

[51] **Int.Cl. 7H04L 12/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**MANAGING COMMUNICATIONS**  
**BETWEEN NODES IN A BI-**  
**DIRECTIONAL RING NETWORK**  
[54] **METHODE ET APPAREIL DE**  
**GESTION DES COMMUNICATIONS**  
**ENTRE LES NOEUDS D'UN RESEAU EN**  
**ANNEAU BIDIRECTIONNEL**  
[72] LEE, YANG SUP, CA  
[72] PENG, WANG-HSIN, CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-05-26  
[43] 2001-01-01  
[30] US (09/345,453) 1999-07-01

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[21] **2,310,170**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/22**  
[25] EN  
[54] **FUEL CELL SYSTEM LOGIC FOR**  
**DIFFERENTIATING BETWEEN RAPID**  
**AND NORMAL SHUTDOWN**  
**COMMANDS**  
[54] **LOGIQUE DE SYSTEME DE PILES**  
**A COMBUSTIBLE POUR**  
**DIFFERENCIER ENTRE DES**  
**COMMANDES D'ARRET NORMAL ET**  
**D'ARRET RAPIDE**  
[72] KESKULA, DONALD H., US  
[72] CLINGERMAN, BRUCE J., US  
[72] DOAN, TIEN M., US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 2000-05-29  
[43] 2001-01-06  
[30] US (09/345,139) 1999-07-06

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Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001

[21] **2,310,193**  
[13] A1  
[51] **Int.Cl. 7H01M 8/06**  
[25] EN  
[54] **FUEL PROCESSOR  
TEMPERATURE MONITORING AND  
CONTROL**  
[54] **CONTROLE ET SURVEILLANCE  
DE LA TEMPERATURE D'UN  
SYSTEME DE TRAITEMENT DE  
COMBUSTIBLE**  
[72] CLINGERMAN, BRUCE J., US  
[72] KESKULA, DONALD H., US  
[72] DOAN, TIEN M., US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 2000-05-29  
[43] 2001-01-06  
[30] US (09/347,407) 1999-07-06

[21] **2,310,440**  
[13] A1  
[51] **Int.Cl. 7H01M 8/04 7H01M 8/22**  
[25] EN  
[54] **COMBUSTOR AIR FLOW  
CONTROL METHOD FOR FUEL CELL  
APPARATUS**  
[54] **METHODE DE CONTROLE DU  
DEBIT D'AIR DANS UNE CHAMBRE DE  
COMBUSTION POUR UN APPAREIL A  
PILE A COMBUSTIBLE**  
[72] RIPLEY, EUGENE V., US  
[72] CLINGERMAN, BRUCE J., US  
[72] MOWERY, KENNETH D., US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 2000-06-01  
[43] 2001-01-06  
[30] US (09/345,127) 1999-07-06  
[30] US (09/565,781) 2000-05-05

[21] **2,310,536**  
[13] A1  
[51] **Int.Cl. 7C07K 14/505 7A61P 31/00  
7A61K 38/18 7A61K 47/48**  
[25] EN  
[54] **ERYTHROPOIETIN  
DERIVATIVES**  
[54] **DERIVES DE  
L'ERYTHROPOIETINE**  
[72] BAILON, PASCAL SEBASTIAN, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (60/142,254) 1999-07-02  
[30] US (60/150,225) 1999-08-23  
[30] US (60/151,548) 1999-08-31  
[30] US (60/166,151) 1999-11-17

[21] **2,310,797**  
[13] A1  
[51] **Int.Cl. 7B60K 11/06 7B60K 11/08**  
[25] EN  
[54] **AIR-INTAKING AND  
EXHAUSTING APPARATUS IN AIR  
COOLING SYSTEM FOR PDU AND  
DOWN-CONVERTER**  
[54] **DISPOSITIF D'ENTREE ET  
D'EVACUATION DE SYSTEME DE  
REFROIDISSEMENT D'AIR POUR  
DISTRIBUTEUR D'ALIMENTATION  
ET CONVERTISSEUR ABAISSEUR**  
[72] OHTSU, AKIHITO, JP  
[72] OGAWA, TAICHI, JP  
[72] HOSONO, YOSHIO, JP  
[72] HASEGAWA, OSAMU, JP  
[72] TAKEMOTO, HIDEHARU, JP  
[72] AMAKAI, MASAKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-06-07  
[43] 2001-01-05  
[30] JP (11-191037) 1999-07-05

[21] **2,310,896**  
[13] A1  
[51] **Int.Cl. 7C12N 9/12 7C12Q 1/00  
7C12N 15/11 7C07K 14/18 7C12Q 1/48  
7G01N 33/573 7C12Q 1/70**  
[25] EN  
[54] **HCV POLYMERASE SUITABLE  
FOR CRYSTAL STRUCTURE  
ANALYSIS AND METHOD FOR USING  
THE ENZYME**  
[54] **POLYMERASE DU VHC POUVANT  
SUBIR UNE ANALYSE DE LA  
STRUCTURE CRISTALLINE ET  
METHODE POUR UTILISER CET  
ENZYME**  
[72] AGO, HIDEO, JP  
[72] MIYANO, MASASHI, JP  
[72] ADACHI, TSUYOSHI, JP  
[71] JAPAN TOBACCO INC., JP  
[22] 2000-06-30  
[43] 2001-01-02  
[30] JP (11/188630) 1999-07-02  
[30] JP (11/192488) 1999-07-07

[21] **2,310,991**  
[13] A1  
[51] **Int.Cl. 7F16K 15/03**  
[25] EN  
[54] **SWING CHECK VALVE**  
[54] **CLAPET DE NON-RETOUR A  
BATTANT**  
[72] MATTHEWS, JOHN, CA  
[72] FLORENCE, STEPHEN C., CA  
[71] BAYCO INDUSTRIES LIMITED, CA  
[22] 2000-06-08  
[43] 2001-01-06  
[30] US (60/142,400) 1999-07-06

[21] **2,311,010**  
[13] A1  
[51] **Int.Cl. 7H01Q 19/17 7H04B 7/185**  
[25] EN  
[54] **RESISTIVE TAPER FOR DENSE  
PACKED FEEDS FOR CELLULAR  
SPOT BEAM SATELLITE COVERAGE**  
[54] **SURFACE CONIQUE RESISTIVE  
POUR SOURCES PRIMAIRES A HAUTE  
DENSITE SERVANT A LA  
COUVERTURE PAR SATELLITE DE  
COMMUNICATIONS CELLULAIRES A  
FAISCEAU TRES ETROIT**  
[72] CHANDLER, CHARLES W., US  
[71] TRW INC., US  
[22] 2000-06-08  
[43] 2001-01-01  
[30] US (09/346,445) 1999-07-01

[21] **2,311,013**  
[13] A1  
[51] **Int.Cl. 7H01Q 15/14 7H04B 7/185**  
[25] EN  
[54] **DEPLOYMENT OF DUAL  
REFLECTOR SYSTEMS**  
[54] **MISE EN PLACE DE SYSTEMES A  
DEUX REFLECTEURS**  
[72] HOEY, LEONARD A., US  
[72] NGUYEN, STEPHEN D., US  
[72] WILKEN, MARK R., US  
[72] HUEBERT, DEAN R., US  
[72] SCARANGELLO, JOSEPH G., US  
[71] TRW INC., US  
[22] 2000-06-08  
[43] 2001-01-01  
[30] US (09/346,193) 1999-07-01

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**31 décembre 2000 - 6 janvier 2001**

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[21] **2,311,021**  
[13] A1

[51] **Int.Cl. 7H04L 27/22**  
[25] EN  
[54] **MULTI-CHIP DATA DETECTOR IMPLEMENTATION FOR SYMMETRIC DIFFERENTIAL PHASE SHIFT KEYING MODULATION FORMATS**  
[54] **MISE EN OEUVRE DE DETECTEUR DE DONNEES MULTIPUCE POUR DES FORMATS DE MODULATION PAR DEPLACEMENT DE PHASE SYMETRIQUE DIFFERENTIELLE**  
[72] CHAN, ANDY, US  
[71] TRW INC., US  
[22] 2000-06-08  
[43] 2001-01-06  
[30] US (09/347,873) 1999-07-06

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[21] **2,311,051**  
[13] A1

[51] **Int.Cl. 7H04B 3/21**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CANCELING ECHO**  
[54] **METHODE ET APPAREIL D'ANNULATION D'ECHO**  
[72] TERADA, YASUHIRO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-06-12  
[43] 2001-01-01  
[30] JP (11-187643) 1999-07-01

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[21] **2,311,102**  
[13] A1

[51] **Int.Cl. 7A63B 21/055**  
[25] EN  
[54] **EXERCISE DEVICE AND KIT**  
[54] **DISPOSITIF ET NECESSAIRE D'EXERCICE**  
[72] WINSTON, EDITH, US  
[71] WINSTON, EDITH, US  
[22] 2000-06-02  
[43] 2001-01-06  
[30] US (09/347,533) 1999-07-06

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[21] **2,311,168**  
[13] A1

[51] **Int.Cl. 7C12N 15/63 7G01N 37/00 7C12N 15/10**  
[25] EN  
[54] **FUNCTIONAL GENOMIC SCREEN FOR POST-TRANSCRIPTIONAL 5' AND 3' REGULATORY ELEMENTS**  
[54] **CRIBLE GENOMIQUE FONCTIONNEL POUR LES ELEMENTS REGULATEURS 3' ET 5' POST-TRANSCRIPTIONNELS**  
[72] TEMELES, GRETCHEN L., US  
[72] EDER, PAUL S., US  
[72] GIORDANO, TONY, US  
[72] POWERS, GORDON D., US  
[72] BURNETT, BONNIE-ANN, US  
[71] MESSAGE PHARMACEUTICALS, INC., US  
[22] 2000-06-27  
[43] 2001-01-02  
[30] US (60/142,217) 1999-07-02

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[21] **2,311,279**  
[13] A1

[51] **Int.Cl. 7D21C 5/02**  
[25] FR  
[54] **PERFECTIONNEMENT AUX PROCEDES DE FABRICATION DE PRODUITS PAPETIERS EN VUE DE L'INCORPORATION DANS LESDITS PRODUITS DE DECHETS PAPETIERS NECESSITANT UN TRAITEMENT BASIQUE**  
[54] **PERFECTING PAPER PRODUCTS MANUFACTURING PROCESSES WITH A VIEW TO INCORPORATING INTO THE SAID PRODUCTS WASTE PAPER NECESSITATING BASIC TREATMENT**  
[72] DE RIGAUD, JEAN-MATHIEU, FR  
[72] SAUVAGE, ALAIN, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-06-09  
[43] 2001-01-01  
[30] FR (99 08482) 1999-07-01

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[21] **2,311,587**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **TELECOMMUNICATION SYSTEM, AS WELL AS TERMINAL, AS WELL AS MODEM, AS WELL AS METHOD**  
[54] **SYSTEME DE TELECOMMUNICATIONS, TERMINAL, MODEM ET METHODE**  
[72] GLESSER, PHILIPPE, FR  
[72] RINIE, HUBERT, FR  
[72] GENIN, PHILIPPE, FR  
[71] ALCATEL, FR  
[22] 2000-06-15  
[43] 2001-01-02  
[30] EP (99 440 179.2) 1999-07-02

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[21] **2,311,868**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**  
[25] EN  
[54] **TIBIAL KNEE COMPONENT WITH A MOBILE BEARING**  
[54] **COMPOSANT TIBIAL DE GENOU AVEC COUSSINET MOBILE**  
[72] MCLEAN, CHRISTOPHER, US  
[72] PATMORE, AUDREY, US  
[72] INSALL, JOHN, US  
[72] TANAMAL, LINGGAWATI, US  
[72] MILLER, CLAYTON R., US  
[71] INSALL, JOHN, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 2000-06-16  
[43] 2001-01-02  
[30] US (09/346,850) 1999-07-02

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[21] **2,311,961**  
[13] A1

[51] **Int.Cl. 7G02B 6/125 7G02B 6/26**  
[25] EN  
[54] **SLOTTED MONOLITHIC OPTICAL WAVEGUIDES**  
[54] **GUIDES D'ONDES OPTIQUES MONOLITHIQUES FENDUS**  
[72] CLAPP, TERRY VICTOR, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-19  
[43] 2001-01-02  
[30] US (09/346,320) 1999-07-02

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Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001

[21] **2,312,014**  
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04Q 7/36**  
[25] EN  
[54] **WIRELESS DATA COMMUNICATIONS USING ASYMMETRIC CHANNEL ALLOCATION**  
[54] **TRANSMISSIONS DE DONNEES SANS FIL AU MOYEN DE L'ATTRIBUTION DE VOIES ASYMETRIQUES**  
[72] NORDGAARD, JOSEPH K., US  
[72] SOLONDZ, MAX AARON, US  
[72] PALAMARA, MARIA E., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-20  
[43] 2001-01-02  
[30] US (09/347,165) 1999-07-02

[21] **2,312,054**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **A TRAFFIC SHAPER THAT ACCOMODATES MAINTENANCE CELLS WITHOUT CAUSING JITTER OR DELAY**  
[54] **GESTIONNAIRE DE TRAFIC QUI PREND EN CHARGE DES CELLULES DE MAINTENANCE SANS CAUSER JIGUE NI RETARD**  
[72] PETTY, NORMAN W., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-22  
[43] 2001-01-06  
[30] US (09/345,124) 1999-07-06

[21] **2,312,056**  
[13] A1

[51] **Int.Cl. 7H04L 12/66**  
[25] EN  
[54] **COMMUNICATIONS CHANNEL SYNCHRONOUS MICRO-CELL SYSTEM FOR INTEGRATING CIRCUIT AND PACKET DATA TRANSMISSIONS**  
[54] **SYSTEME DE MICROCELLULES SYNCHRONES DE CANAL DE COMMUNICATIONS POUR INTEGRER LA TRANSMISSION PAR CIRCUIT ET LA TRANSMISSION DE DONNEES PAR PAQUETS**  
[72] WITSCHORIK, CHARLES ARTHUR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-22  
[43] 2001-01-06  
[30] US (09/347,786) 1999-07-06

[21] **2,312,099**  
[13] A1

[51] **Int.Cl. 7C09B 23/06 7C09B 23/08 7C09B 23/12 7G01N 33/533**  
[25] EN  
[54] **NEW FLUORESCENT CYANINE LABELS CONTAINING A SULFAMIDO LINKER ARM**  
[54] **NOUVELLES ETIQUETTES FLUORESCENTES ~ LA CYANINE CONTENANT UN BRAS DE LIAISON A SULFAMIDES**  
[72] DELLA CIANA, LEOPOLDO, IT  
[72] CAPUTO, GIUSEPPE, IT  
[71] INNONSENSE S.R.L., IT  
[22] 2000-06-22  
[43] 2001-01-02  
[30] EP (99112696.2) 1999-07-02

[21] **2,312,145**  
[13] A1

[51] **Int.Cl. 7G01G 23/06**  
[25] EN  
[54] **A DAMPER FOR A WEIGHING DEVICE AND A WEIGHING DEVICE PROVIDED WITH A DAMPER**  
[54] **REGISTRE POUR UN DISPOSITIF DE PESAGE ET DISPOSITIF DE PESAGE MUNI D'UN REGISTRE**  
[72] AUMARD, JEAN-PIERRE, FR  
[72] NAVARRO, JEAN-CLAUDE, FR  
[71] S.C.A.I.M.E S.A., FR  
[22] 2000-06-22  
[43] 2001-01-02  
[30] CH (1221/99) 1999-07-02

[21] **2,312,151**  
[13] A1

[51] **Int.Cl. 7E21B 10/08**  
[25] EN  
[54] **ROCK BIT CONE RETENTION SYSTEM**  
[54] **SYSTEME DE RETENTION DE TAILLANT TRICONE**  
[72] SINGH, AMARDEEP, US  
[72] HUANG, SUJIAN J., US  
[72] PETERSON, STEVE, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-06-23  
[43] 2001-01-01  
[30] US (09/346,642) 1999-07-01

[21] **2,312,228**  
[13] A1

[51] **Int.Cl. 7B65D 81/05**  
[25] EN  
[54] **ABRASION RESISTANT AIR BAG**  
[54] **SAC GONFLABLE RESISTANT A L'ABRASION**  
[72] HARRINGTON, JOHN LESLIE, US  
[72] HOWLETT, JOHN JOE JR., US  
[72] BERRIER, WALTER GENE, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-06-23  
[43] 2001-01-01  
[30] US (09/345,397) 1999-07-01

[21] **2,312,264**  
[13] A1

[51] **Int.Cl. 7F27B 17/02 7B64G 1/66**  
[25] EN  
[54] **A HIGH TEMPERATURE MATERIALS PROCESSING FURNACE**  
[54] **FOUR DE TRAITEMENT DES MATERIAUX A HAUTE TEMPERATURE**  
[72] MISENER, D. LOWELL, CA  
[72] SMITH, REGINALD W., CA  
[72] SMITH, TIMOTHY J.N., CA  
[72] PUGH, SYDNEY M., CA  
[71] MILLENIUM BIOLOGIX INC., CA  
[22] 2000-06-23  
[43] 2001-01-06  
[30] US (60/142,448) 1999-07-06

[21] **2,312,337**  
[13] A1

[51] **Int.Cl. 7H04N 1/04**  
[25] EN  
[54] **PRECISION DEEP INPUT GUIDE CLIP FOR DOCUMENT SCANNERS AND DOCUMENT SCANNERS INCORPORATING SAME**  
[54] **DISPOSITIF ENCLIPSABLE DE GUIDAGE D'ENTREE DE DOCUMENT POUR SCANNEUR ET SCANNEURS MUNIS DE CE DISPOSITIF**  
[72] GATTO, JEAN-MARIE, GB  
[71] CYBERSCAN TECHNOLOGY, INC., US  
[22] 2000-06-27  
[43] 2001-01-01  
[30] US (09/340,230) 1999-07-01

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,312,402**  
[13] A1

[51] **Int.Cl. 7F24F 3/14 7F24F 6/04**  
[25] EN  
[54] **FLOW-THROUGH HUMIDIFIER**  
[54] **HUMIDIFICATEUR A**  
**ECOULEMENT CONTINU**  
[72] MENASSA, CHERIF, CA  
[71] MENASSA, CHERIF, CA  
[22] 2000-06-30  
[43] 2001-01-06  
[30] US (60/142,397) 1999-07-06

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[21] **2,312,403**  
[13] A1

[51] **Int.Cl. 7D21C 3/02**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR THE**  
**OXYGEN DELIGNIFICATION OF PULP**  
**CONSISTING OF LIGNOCELLULOSE-**  
**CONTAINING MATERIAL**  
[54] **SYSTEME ET PROCEDE POUR LA**  
**DELIGNIFICATION A L'OXYGENE DE**  
**PATE CONSTITUEE DE MATIERE**  
**RENFERMANT DE LA**  
**LIGNOCELLULOSE**  
[72] DAHLLOF, HAKAN, SE  
[72] RAGNAR, MARTIN, SE  
[71] KVAERNER PULPING AB, SE  
[22] 2000-06-21  
[43] 2001-01-06  
[30] SE (9902586-8) 1999-07-06

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[21] **2,312,433**  
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/021**  
**7A61K 35/78**  
[25] FR  
[54] **COMPOSITIONS POUR LA**  
**COLORATION ARTIFICIELLE DE LA**  
**PEAU ET UTILISATIONS**  
[54] **COMPOUNDS FOR**  
**ARTIFICIALLY COLOURING THE**  
**SKIN AND USES**  
[72] MARTIN, RICHARD, FR  
[72] GALUP, CEDRIC, FR  
[72] BELCOUR-CASTRO, BEATRICE, FR  
[71] L'OREAL, FR  
[22] 2000-06-22  
[43] 2001-01-02  
[30] FR (99 08 571) 1999-07-02

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[21] **2,312,455**  
[13] A1

[51] **Int.Cl. 7H04L 29/10**  
[25] EN  
[54] **AUTOMATIC LOAD SHARING-**  
**TRUNKING**  
[54] **REPARTITION ET**  
**COMMUTATION AUTOMATIQUES DE**  
**LA CHARGE**  
[72] DUGGAL, AKHIL, US  
[72] HUNTER, VAN, US  
[72] REGAN, JOSEPH, US  
[72] NOTHAFT, ALFRED, US  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-06-20  
[43] 2001-01-01  
[30] US (09/346,870) 1999-07-01

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[21] **2,312,496**  
[13] A1

[51] **Int.Cl. 7F16B 5/02**  
[25] EN  
[54] **A PLUG FOR SHEET MATERIAL**  
[54] **TAMPON POUR TOLERIE**  
[72] STURIES, JENS, DE  
[72] REHBERG, KARSTEN, DE  
[71] ITW-ATECO G.M.B.H., DE  
[22] 2000-06-27  
[43] 2001-01-05  
[30] DE (199 30 728.8) 1999-07-05

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[21] **2,312,500**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7G06F 17/00**  
[25] EN  
[54] **AN INTELLIGENT NETWORK**  
[54] **RESEAU INTELLIGENT**  
[72] DARWEN, HOWARD J., GB  
[72] SCOTT, FRANK F., CA  
[72] STORRIE, JOHN A., GB  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-06-27  
[43] 2001-01-02  
[30] US (09/346,321) 1999-07-02

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[21] **2,312,504**  
[13] A1

[51] **Int.Cl. 7E02F 3/40 7B66F 9/06**  
[25] EN  
[54] **MOUNTING ASSEMBLY**  
[54] **ENSEMBLE DE MONTAGE**  
[72] BROWN, DAVID JOHN, GB  
[72] ALLSOPP, ROY WILLIAM, GB  
[71] J.C. BAMFORD EXCAVATORS  
LIMITED, GB  
[22] 2000-06-27  
[43] 2001-01-02  
[30] GB (9915402.3) 1999-07-02

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[21] **2,312,526**  
[13] A1

[51] **Int.Cl. 7A61K 7/32 7A61K 7/06**  
[25] FR  
[54] **UTILISATION DE CELLULES**  
**VEGETALES DEDIFFERENCIEES**  
[54] **USE OF DEDIFFERENTIATED**  
**PLANT CELLS**  
[72] HILAIRE, PASCAL, FR  
[72] MARTIN, RICHARD, FR  
[72] COURBIERE, CHRISTOPHE, FR  
[71] L'OREAL, FR  
[22] 2000-06-27  
[43] 2001-01-02  
[30] FR (99 08 569) 1999-07-02

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[21] **2,312,528**  
[13] A1

[51] **Int.Cl. 7A61K 7/40 7A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE**  
**RAFFERMISANTE COMPRENANT AU**  
**MOINS UN HYDROXYSTILBENE EN**  
**ASSOCIATION AVEC DE L'ACIDE**  
**ASCORBIQUE**  
[54] **COSMETIC TONING COMPOUND**  
**CONTAINING AT LEAST ONE**  
**HYDROXYSTILBENE IN**  
**ASSOCIATION WITH ASCORBIC ACID**  
[72] BRETON, LIONEL, FR  
[72] LIVIERO, CHRISTEL, FR  
[71] L'OREAL, FR  
[22] 2000-06-27  
[43] 2001-01-02  
[30] FR (99 08 570) 1999-07-02

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Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001

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[21] **2,312,529**  
[13] A1  
[51] **Int.Cl. 7G01N 21/27 7H01L 31/04**  
[25] EN  
[54] **APPARATUS FOR MEASURING LIGHT**  
[54] **APPAREIL POUR MESURER LA LUMIERE**  
[72] VON ORELLI, ADRIAN, CH  
[72] EHBETS, PETER, CH  
[71] GRETAG-MACBETH AG, CH  
[22] 2000-06-26  
[43] 2001-01-06  
[30] CH (99 113 557.5) 1999-07-06

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[21] **2,312,534**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00 7H01M 2/16 7H01M 8/24**  
[25] EN  
[54] **FUEL CELL AND POLYMER ELECTROLYTE MEMBRANE**  
[54] **PILE A COMBUSTIBLE ET MEMBRANE ELECTROLYTE POLYMERE**  
[72] TANGE, KYOICHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2000-06-27  
[43] 2001-01-02  
[30] JP (11-188665) 1999-07-02

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[21] **2,312,536**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04L 12/56**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SELECTIVELY DETACHING POINT-TO-POINT PROTOCOL HEADER INFORMATION**  
[54] **SYSTEME ET METHODE D'EXTRACTION SELECTIVE DE DONNEES D'EN-TETE DE PROTOCOLE POINT A POINT**  
[72] CHEN, JIE, US  
[72] KUMAR, JIT, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-27  
[43] 2001-01-01  
[30] US (60/142,021) 1999-07-01  
[30] US (UNKNOWN) 2000-05-11

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[21] **2,312,549**  
[13] A1  
[51] **Int.Cl. 7C22B 1/00 7F27D 13/00 7B01J 6/00 7F27B 7/34 7F27B 7/36**  
[25] EN  
[54] **PROCESS FOR CALCINING AN ORE-BASED MATERIAL**  
[54] **PROCEDE POUR CALCINER UN MATERIAU A BASE DE MINERAI**  
[72] BORISSOFF, THIERRY, FR  
[72] VIARDOT, MICHEL, FR  
[72] DUGUE, JACQUES, FR  
[72] MARIN, OVIDIU, FR  
[72] MILOSAVLJEVIC, IVAN, FR  
[72] ALVES, DORA SOPHIA, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-06-27  
[43] 2001-01-02  
[30] FR (99 08561) 1999-07-02

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[21] **2,312,561**  
[13] A1  
[51] **Int.Cl. 7B41F 17/00 7B41J 2/01**  
[25] EN  
[54] **DEVICE TO REALIZE DECORATIONS ON LARGE OBJECTS**  
[54] **APPAREIL POUR DECORER DE GROS OBJETS**  
[72] BERNARD, JEAN-LUC, FR  
[72] DEMESY, BERNARD, FR  
[71] SARL AIM, SRL, FR  
[22] 2000-06-27  
[43] 2001-01-01  
[30] FR (9908667) 1999-07-01

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[21] **2,312,576**  
[13] A1  
[51] **Int.Cl. 7C22B 1/00 7F23D 21/00 7B01J 6/00 7F27B 7/34 7F27B 7/36 7F23D 14/66**  
[25] EN  
[54] **COMBUSTION PROCESS APPLICABLE TO THE MANUFACTURE OF CEMENT**  
[54] **PROCEDE DE COMBUSTION APPLICABLE A LA FABRICATION DE CIMENT**  
[72] MARIN, OVIDIU, FR  
[72] DUGUE, JACQUES, FR  
[72] ALVES, DORA SOPHIA, FR  
[72] VIARDOT, MICHEL, FR  
[72] BORISSOFF, THIERRY, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-06-27  
[43] 2001-01-02  
[30] FR (99 08562) 1999-07-02

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[21] **2,312,585**  
[13] A1  
[51] **Int.Cl. 7A63B 53/04**  
[25] EN  
[54] **GOLF CLUB HEAD WITH LOFT AND LIE ADJUSTMENT NOTCH**  
[54] **TETE DE BATON DE GOLF AVEC ENCOCHE DE REGLAGE DE TRAJECTOIRES ET DE DISTANCES**  
[72] KUBICA, DANIEL J., US  
[72] BEEBE, LOU C., US  
[71] KARSTEN MANUFACTURING CORPORATION, US  
[22] 2000-06-27  
[43] 2001-01-01  
[30] US (09/346,452) 1999-07-01

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[21] **2,312,586**  
[13] A1  
[51] **Int.Cl. 7A61M 5/142 7A61M 5/178**  
[25] EN  
[54] **SYRINGE PUMPS**  
[54] **POMPES A SERINGUE**  
[72] FORD, ANDREW JOHN, GB  
[71] SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, GB  
[22] 2000-06-27  
[43] 2001-01-03  
[30] GB (9915525.1) 1999-07-03

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[21] **2,312,605**  
[13] A1  
[51] **Int.Cl. 7E06B 9/01**  
[25] EN  
[54] **WINDOW GATE**  
[54] **GUICHET**  
[72] CHRISTOPOLOUS, GEORGE, CA  
[71] CHRISTOPOLOUS, GEORGE, CA  
[22] 2000-06-23  
[43] 2001-01-06  
[30] CA (2,276,969) 1999-07-06

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,312,614**  
[13] A1

[51] **Int.Cl. 7A61B 8/00 7A61N 7/00 7G01N 29/28**  
[25] EN  
[54] **IN VIVO BIOCOMPATIBLE ACOUSTIC COUPLING MEDIA**  
[54] **MILIEUX DE COUPLAGE ACOUSTIQUE A BIOCOMPATIBILITE IN VIVO**  
[72] RUTTER, JOHN W., US  
[72] SMITH, LARRY L., US  
[72] LARSON, MARGARET J., US  
[71] SONOTECH, INC., US  
[22] 2000-06-27  
[43] 2001-01-01  
[30] US (09/346,463) 1999-07-01

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[21] **2,312,620**  
[13] A1

[51] **Int.Cl. 7B67D 1/04 7F25B 9/02**  
[25] EN  
[54] **DRAUGHT BEVERAGE REFRIGERATOR**  
[54] **REFRIGERATEUR DE BOISSON PRESSION**  
[72] SHERVINGTON, EVELYN ARTHUR, GB  
[72] GARRETT, MICHAEL ERNEST, GB  
[71] THE BOC GROUP PLC, GB  
[22] 2000-06-28  
[43] 2001-01-02  
[30] GB (9915567.3) 1999-07-02

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[21] **2,312,628**  
[13] A1

[51] **Int.Cl. 7G06F 17/10 7G06F 17/50**  
[25] EN  
[54] **A METHOD FOR IDENTIFYING CYCLICITY IN CIRCUIT DESIGNS**  
[54] **UNE METHODE POUR IDENTIFIER LA CYCLICITE LORS DE LA CONCEPTION DE CIRCUITS**  
[72] KURSHAN, ROBERT PAUL, US  
[72] NAMJOSHI, KEDAR SHARADCHANDRA, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (09/347,628) 1999-07-02

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[21] **2,312,640**  
[13] A1

[51] **Int.Cl. 7G01P 7/00 7G01D 21/00 7G01L 1/00 7G01D 1/04**  
[25] EN  
[54] **MOTION ANALYSIS SYSTEM**  
[54] **SYSTEME D'ANALYSE DU MOUVEMENT**  
[72] FYFE, KIPLING W., CA  
[72] ROONEY, JAMES K., CA  
[72] FYFE, KENNETH R., CA  
[71] DYNASTREAM INC., CA  
[22] 2000-06-28  
[43] 2001-01-06  
[30] US (09/347,305) 1999-07-06

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[21] **2,312,645**  
[13] A1

[51] **Int.Cl. 7H01R 4/66**  
[25] EN  
[54] **NON-METALLIC OUTLET BOX HAVING A GROUND STRAP WITH PLURAL GROUND SCREW**  
[54] **BOITE DE PRISE DE COURANT NON METALLIQUE COMPRENANT UNE TRESSE DE MISE A LA TERRE AVEC UNE VIS DE BORNE DE TERRE MULTIPLE**  
[72] WRIGHT, RONALD D., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (60/142,286) 1999-07-02

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[21] **2,312,647**  
[13] A1

[51] **Int.Cl. 7A61L 9/12**  
[25] EN  
[54] **BATTERY POWERED VOLATILE DISPENSER**  
[54] **DISTRIBUTEUR DE MATIERES VOLATILES A BATTERIE**  
[72] GATZEMEYER, JOHN J., US  
[72] DAVIS, BRIAN T., US  
[71] S. C. JOHNSON & SON, INC., US  
[22] 2000-06-28  
[43] 2001-01-01  
[30] US (09/347,590) 1999-07-01

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[21] **2,312,652**  
[13] A1

[51] **Int.Cl. 7B01D 53/56 7A62D 3/00 7B01D 53/58**  
[25] EN  
[54] **REDUCTION OF TOXIC SUBSTANCES IN WASTE GAS EMISSIONS**  
[54] **REDUCTION DE SUBSTANCES TOXIQUES DANS DES EMISSIONS DE GAZ DE COMBUSTION**  
[72] SAXENA, NEERAJ, US  
[72] ANDERSON, MARK H., US  
[72] FERRELL, ROBERT JAMES, US  
[72] HWANG, SHUEN-CHENG, US  
[71] THE BOC GROUP, INC., US  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (09/347,316) 1999-07-02

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[21] **2,312,666**  
[13] A1

[51] **Int.Cl. 7A61F 13/20**  
[25] EN  
[54] **SANITARY TAMPON**  
[54] **TAMPON HYGIENIQUE**  
[72] WADA, MITSUHIRO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-06-28  
[43] 2001-01-02  
[30] JP (11-189196) 1999-07-02

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[21] **2,312,669**  
[13] A1

[51] **Int.Cl. 7A61K 7/021 7A61K 7/42 7A61K 7/48**  
[25] FR  
[54] **COMPOSITION DE SOIN OU DE MAQUILLAGE CONTENANT DES FIBRES ET UN ORGANOPOLYSILOXANE HYDROPHILE**  
[54] **CARE OR MAKE-UP COMPOUND CONTAINING FIBRES AND ONE HYDROPHILIC ORGANOPOLYSILOXANE**  
[72] JAGER LEZER, NATHALIE, FR  
[71] L'OREAL, FR  
[22] 2000-06-28  
[43] 2001-01-01  
[30] FR (99 08 489) 1999-07-01

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Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001

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[21] **2,312,672**  
[13] A1  
[51] **Int.Cl. 7C21D 8/02 7C21D 1/00**  
**7C21D 1/02**  
[25] FR  
[54] **TOLE D'ACIER A MOYEN**  
**CARBONE CALME A L'ALUMINIUM**  
**POUR EMBALLAGE**  
[54] **ALUMINUM-KILLED MEDIUM**  
**CARBON STEEL SHEET FOR**  
**PACKAGING**  
[72] BOUZEKRI, MOHAMED, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 415) 1999-07-01

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[21] **2,312,673**  
[13] A1  
[51] **Int.Cl. 7C21D 8/02 7C21D 1/00**  
**7C21D 1/02**  
[25] FR  
[54] **TOLE D'ACIER A BAS CARBONE**  
**CALME A L'ALUMINIUM POUR**  
**EMBALLAGE**  
[54] **ALUMINUM-KILLED LOW**  
**CARBON STEEL SHEET FOR**  
**PACKAGING**  
[72] BOUZEKRI, MOHAMED, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 413) 1999-07-01

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[21] **2,312,674**  
[13] A1  
[51] **Int.Cl. 7C21D 8/02 7C21D 1/00**  
**7C21D 1/02**  
[25] FR  
[54] **TOLE D'ACIER A BAS CARBONE**  
**CALME A L'ALUMINIUM POUR**  
**EMBALLAGE**  
[54] **ALUMINUM-KILLED LOW**  
**CARBON STEEL SHEET FOR**  
**PACKAGING**  
[72] BOUZEKRI, MOHAMED, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 414) 1999-07-01

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[21] **2,312,682**  
[13] A1  
[51] **Int.Cl. 7E05C 1/16**  
[25] EN  
[54] **REVERSIBLE MORTISE LOCK**  
[54] **SERRURE A MORTAISER**  
**REVERSIBLE**  
[72] FAYNGERSH, ZAKHARY, US  
[72] LENK, DAMON J., US  
[71] CORBIN RUSSWIN, INC., US  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (09/346,840) 1999-07-02

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[21] **2,312,683**  
[13] A1  
[51] **Int.Cl. 7G09F 11/21**  
[25] EN  
[54] **DISPLAY UNITS**  
[54] **DISPOSITIFS D'AFFICHAGE**  
[72] BAR-YONA, ITZCHAK, IL  
[71] M.V.T. MULTI VISION  
TECHNOLOGIES LTD., IL  
[22] 2000-06-28  
[43] 2001-01-04  
[30] IL (130,782) 1999-07-04

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[21] **2,312,689**  
[13] A1  
[51] **Int.Cl. 7B30B 15/30**  
[25] EN  
[54] **TOOLLESS QUICK RELEASE OF**  
**TRANSFER BAR**  
[54] **DISPOSITIF DE DEGAGEMENT**  
**RAPIDE ET SANS OUTIL DE LA BARRE**  
**DE TRANSFERT**  
[72] SOFY, HUGH M., US  
[71] HMS PRODUCTS, CO., US  
[22] 2000-06-28  
[43] 2001-01-02  
[30] US (09/347,199) 1999-07-02

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[21] **2,312,696**  
[13] A1  
[51] **Int.Cl. 7A61F 13/475**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] SAYAMA, YASUSHI, JP  
[72] MINATO, HIRONAO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-06-29  
[43] 2001-01-01  
[30] JP (11-188080) 1999-07-01

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[21] **2,312,884**  
[13] A1  
[51] **Int.Cl. 7D21F 7/08**  
[25] EN  
[54] **PAPER MACHINE FELT**  
[54] **FEUTRE POUR MACHINE A**  
**PAPIER**  
[72] HOFMANN, HANS, DE  
[71] THOMAS JOSEF HEIMBACH  
GESELLSCHAFT MIT BESCHRÄNKTER  
HAFTUNG & CO., DE  
[22] 2000-06-29  
[43] 2001-01-01  
[30] DE (199 30 464.5-27) 1999-07-01

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[21] **2,313,035**  
[13] A1  
[51] **Int.Cl. 7G01H 13/00 7G01H 17/00**  
**7A61C 17/20**  
[25] EN  
[54] **ULTRASONIC CONTROL**  
**APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE**  
**COMMANDE ULTRASONIQUE**  
[72] FEINE, JAMES, US  
[71] ULTRASONIC SERVICES, INC., US  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (60/142,009) 1999-07-01

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[21] **2,313,036**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/24**  
[25] EN  
[54] **WIRELESS MOBILE CALL**  
**LOCATION AND DELIVERY FOR NON-**  
**GEOGRAPHIC NUMBERS USING A**  
**WIRELINE SSP+SCP/WIRELESS HLR**  
**INTERFACE**  
[54] **LOCALISATION ET**  
**ACHEMINEMENT D'APPELS POUR**  
**NUMEROS NON GEOGRAPHIQUES DU**  
**SERVICE MOBILE SANS FIL AU**  
**MOYEN D'UNE INTERFACE HLR**  
**SSP+SCP ENTRE LE SERVICE FILAIRE**  
**ET LE SERVICE SANS FIL**  
[72] HOWE, WALTER WESLEY, US  
[71] GTE WIRELESS SERVICE  
CORPORATION, US  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (09/340,508) 1999-07-01  
[30] US (09/487,844) 2000-01-19  
[30] US (09/577,329) 2000-05-24

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,313,040**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/24**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ROUTING CALLS TO WIRELESS DIRECTORY NUMBERS IN A NETWORK**  
[54] **METHODE ET SYSTEME DE ROUTAGE D'APPELS VERS DES NUMEROS D'ANNUAIRE « SANS FIL » DANS UN RESEAU**  
[72] PETREY, MICHAEL J., US  
[72] DELLANGELO, MICHAEL, US  
[72] HOWE, WALTER WESLEY, US  
[72] BRENNAN, STEPHEN P., US  
[71] GTE SERVICE CORPORATION, US  
[71] GTE WIRELESS SERVICE CORPORATION, US  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (09/340,508) 1999-07-01

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[21] **2,313,060**  
[13] A1

[51] **Int.Cl. 7G07F 19/00**  
[25] EN  
[54] **SHREDDER FOR USE AT AN ATM**  
[54] **DECHIQUETEUSE UTILISABLE A GUICHET BANCAIRE AUTOMATIQUE**  
[72] PETERSON, CURTIS J., CA  
[71] PETERSON, CURTIS J., CA  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (60/141,846) 1999-07-01

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[21] **2,313,069**  
[13] A1

[51] **Int.Cl. 7B05C 17/01 7A45D 34/04**  
[25] EN  
[54] **SEMISOLID PRODUCT DISPENSING HEAD**  
[54] **TETE DISTRIBUTRICE DE PRODUIT SEMI-SOLIDE**  
[72] FRANZENE, BRIAN J., US  
[72] KANDEL, EDWARD, US  
[72] RUSCHKE, RICK R., US  
[71] FILTERTEK INC., US  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (60/142,176) 1999-07-01

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[21] **2,313,106**  
[13] A1

[51] **Int.Cl. 7C07D 401/14 7C07D 473/00 7C07D 475/00 7A61P 29/00 7A61P 19/02 7C07D 471/04 7C07D 491/052 7C07D 401/06 7C07D 403/14 7C07D 405/14 7C07D 409/14 7C07D 411/14 7C07D 413/14 7C07D 417/14 7C07D 419/14 7A61K 31/41 7A61K 31/4178 7A61K 31/4439 7A61K 31/4709 7A61K 31/4725 7A61K 31/495 7A61K 31/53 7A61K 31/535 7A61K 31/54**  
[25] EN  
[54] **TETRAZOLYLALKYL INDOLE COMPOUNDS AS ANTI-INFLAMMATORY AND ANALGESIC AGENTS**  
[54] **(ALKYL TETRAZOLYL) INDOLES COMME AGENTS ANTI-INFLAMMATOIRES ET ANALGESIQUES**  
[72] NAKAO, KAZUNARI, JP  
[72] STEVENS, RODNEY WILLIAM, JP  
[71] PFIZER INC., US  
[22] 2000-06-29  
[43] 2001-01-02  
[30] WO (PCT/IB99/01244) 1999-07-02

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[21] **2,313,111**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/24**  
[25] EN  
[54] **WIRELESS MOBILE CALL LOCATION AND DELIVERY FOR NON-GEOGRAPHIC NUMBERS USING A WIRELINE SSP+SCP/WIRELESS HLR INTERFACE**  
[54] **LOCALISATION ET ACHEMINEMENT D'APPELS POUR NUMEROS NON GEOGRAPHIQUES DU SERVICE MOBILE SANS FIL AU MOYEN D'UNE INTERFACE HLR SSP+SCP ENTRE LE SERVICE FILAIRE ET LE SERVICE SANS FIL**  
[72] HOWE, WALTER WESLEY, US  
[71] GTE WIRELESS SERVICE CORPORATION, US  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (09/340,508) 1999-07-01  
[30] US (09/487,844) 2000-01-19

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[21] **2,313,112**  
[13] A1

[51] **Int.Cl. 7C07D 401/06 7A61P 29/00 7A61P 19/02 7C07D 471/04 7C07D 491/04 7C07D 495/04 7C07D 405/06 7C07D 409/06 7C07D 209/18 7A61K 31/405 7A61K 31/4375 7A61K 31/4709 7A61K 31/4725 7A61K 31/498 7A61K 31/4985**  
[25] EN  
[54] **BICYCLIC CARBONYL INDOLE COMPOUNDS AS ANTI-INFLAMMATORY/ANALGESIC AGENTS**  
[54] **(BICYCLOCARBONYL) INDOLES COMME AGENTS ANTI-INFLAMMATOIRES/ANALGESIQUES**  
[72] HAYASHI, SHIGEO, JP  
[72] NAKAO, KAZUNARI, JP  
[72] STEVENS, RODNEY WILLIAM, JP  
[71] PFIZER INC., US  
[22] 2000-06-29  
[43] 2001-01-02  
[30] WO (PCT/IB99/01243) 1999-07-02

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[21] **2,313,128**  
[13] A1

[51] **Int.Cl. 7A61K 7/50**  
[25] EN  
[54] **HANDWASH COMPOSITIONS**  
[54] **COMPOSITIONS POUR LE NETTOYAGE DES MAINS**  
[72] SLAYTON, MICHAEL, US  
[72] PUVVADA, SUDHAKAR, US  
[71] UNILEVER PLC, GB  
[22] 2000-06-29  
[43] 2001-01-02  
[30] US (09/347336) 1999-07-02

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[21] **2,313,132**  
[13] A1

[51] **Int.Cl. 7H03L 7/18**  
[25] EN  
[54] **PHASE-LOCKING OSCILLATOR WITH DUAL CHANNELIZERS**  
[54] **OSCILLATEUR A VERROUILLAGE DE PHASE AVEC DEUX CIRCUITS DE DECOUPAGE EN CANAUX**  
[72] LAUTZENHISER, LLOYD L., CA  
[71] EMHISER RESEARCH LIMITED, CA  
[22] 2000-06-29  
[43] 2001-01-01  
[30] US (60/141,954) 1999-07-01  
[30] US (60/143,095) 1999-07-09  
[30] US (09/599,777) 2000-06-22

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December 31, 2000 - January 6, 2001**

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[21] **2,313,138**  
[13] A1

[51] **Int.Cl. 7H04N 5/63**  
[25] EN  
[54] **POWER CIRCUIT**  
[54] **CIRCUIT D'ALIMENTATION**  
[72] BANDO, KOZO, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 2000-06-29  
[43] 2001-01-02  
[30] JP (11-188731) 1999-07-02

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[21] **2,313,157**  
[13] A1

[51] **Int.Cl. 7G06F 17/50 7B22D 46/00**  
[25] EN  
[54] **OPTIMIZING CYCLE TIME AND/  
OR CASTING QUALITY IN THE  
MAKING OF CAST METAL PRODUCTS**  
[54] **OPTIMISATION DE LA DUREE DU  
CYCLE ET/OU DE LA QUALITE DE  
MOULAGE DANS LA FABRICATION  
DE PRODUITS METALLIQUES  
COULES**  
[72] MAHADEVA, SHIVANTHA, US  
[72] RENWICK, PHILIP, NZ  
[72] MULLER, DOUG, NZ  
[72] SINGH, DARIUS, NZ  
[72] MARTIN, GEOFF, NZ  
[71] FORD GLOBAL TECHNOLOGIES,  
INC., US  
[22] 2000-06-29  
[43] 2001-01-06  
[30] US (09/348,626) 1999-07-06

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[21] **2,313,181**  
[13] A1

[51] **Int.Cl. 7A47G 19/03 7A47J 47/00**  
[25] EN  
[54] **DISPOSABLE FOOD SERVING  
BOWL**  
[54] **BOL DE SERVICE JETABLE**  
[72] LITTLEJOHN, MARK B., US  
[72] NECULESCU, CRISTIAN M., US  
[72] WENDT, GREG A., US  
[72] NEER, MARGARET P., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-06-29  
[43] 2001-01-02  
[30] US (60/142,133) 1999-07-02  
[30] US (09/603,578) 2000-06-26

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[21] **2,313,183**  
[13] A1

[51] **Int.Cl. 7A47G 19/03 7C08K 3/22**  
[25] EN  
[54] **SMOOTH PROFILED FOOD  
SERVICE ARTICLES**  
[54] **ARTICLES AU PROFIL LISSE  
POUR LA PRESENTATION  
D'ALIMENTS**  
[72] NECULESCU, CRISTIAN M., US  
[72] LITTLEJOHN, MARK B., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-06-29  
[43] 2001-01-02  
[30] US (60/142,137) 1999-07-02  
[30] US (09/603,579) 2000-06-26

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[21] **2,313,184**  
[13] A1

[51] **Int.Cl. 7B60K 41/28 7F16H 61/04  
7F16H 59/44**  
[25] EN  
[54] **VEHICULAR TRANSMISSION  
CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE  
TRANSMISSION DE VEHICULE**  
[72] EGUCHI, TAKAHIRO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-06-29  
[43] 2001-01-06  
[30] JP (11-191317) 1999-07-06

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[21] **2,313,213**  
[13] A1

[51] **Int.Cl. 7D01F 2/00 7D21H 13/02**  
[25] EN  
[54] **REACTIVE FIBER-LIKE  
CELLULOSE COAGULATES**  
[54] **PRODUITS REACTIFS DE TYPE  
FIBREUX PROVENANT DE LA  
COAGULATION DE LA CELLULOSE**  
[72] RIEDEL, BERND, DE  
[72] TAEGER, EBERHARD, DE  
[72] DOLFEL, RAINER, DE  
[72] KAHLKE, JOACHIM, DE  
[72] HEINEMANN, KLAUS, DE  
[72] SCHIFFER, WERNER, DE  
[71] MELITTA HAUSHALTSPRODUKTE  
GMBH & CO. KG, DE  
[22] 2000-06-30  
[43] 2001-01-01  
[30] EP (99 112 575.8) 1999-07-01

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[21] **2,313,216**  
[13] A1

[51] **Int.Cl. 7A61M 35/00 7A45D 44/00**  
[25] EN  
[54] **THERAPEUTIC APPLICATOR  
AND COSMETIC REMOVER DEVICE  
AND METHOD OF MAKING SAME**  
[54] **APPLICATEUR THERAPEUTIQUE  
ET DISPOSITIF DE DEMAQUILLAGE  
ET METHODE DE FABRICATION  
CONNEXE**  
[72] LAIPPLY, THOMAS C., US  
[71] LAIPPLY, THOMAS C., US  
[22] 2000-06-30  
[43] 2001-01-02  
[30] US (09/347,166) 1999-07-02

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[21] **2,313,256**  
[13] A1

[51] **Int.Cl. 7C08G 18/18**  
[25] EN  
[54] **CATALYST SYSTEM FOR THE  
NCO/OH REACTION  
(POLYURETHANE FORMATION)**  
[54] **SYSTEME CATALYTIQUE POUR  
LA REACTION NCO/OH (FORMATION  
DE POLYURETHANE)**  
[72] MONTAG, REINHARD, DE  
[72] HEILIGER, LUDGER, DE  
[71] RHEIN CHEMIE RHEINAU GMBH,  
DE  
[22] 2000-06-29  
[43] 2001-01-02  
[30] DE (19930556.0) 1999-07-02

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[21] **2,313,258**  
[13] A1

[51] **Int.Cl. 7G02B 6/132 7H05H 1/42**  
[25] EN  
[54] **PROCESS AND EQUIPMENT FOR  
FORMING FLAT LAYERS OF  
VITREOUS SILICA BY USING AN  
INDUCTIVELY COUPLED PLASMA  
TORCH**  
[54] **PROCEDE ET EQUIPEMENT  
POUR FORMER DES COUCHES  
PLATES DE VERRE DE SILICE A  
L'AIDE D'UN CHALUMEAU PLASMA  
INDUIT PAR HAUTE FREQUENCE**  
[72] PANCIATICHI, CRISTINA, IT  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2000-06-29  
[43] 2001-01-05  
[30] IT (TO99A000578) 1999-07-05

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**31 décembre 2000 - 6 janvier 2001**

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[21] **2,313,259**  
[13] A1

[51] **Int.Cl. 7A63B 69/18**  
[25] EN  
[54] **BODY WEIGHT SUPPORTS AND TEACHING AID**  
[54] **SUPPORTS DE POIDS CORPOREL ET AIDE DE FORMATION**  
[72] EASTWOOD, OWEN, GB  
[71] EASTWOOD, OWEN, GB  
[22] 2000-06-30  
[43] 2001-01-03  
[30] GB (9915534.3) 1999-07-03  
[30] GB (9915800.8) 1999-07-07

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[21] **2,313,265**  
[13] A1

[51] **Int.Cl. 7H02J 7/00**  
[25] EN  
[54] **INDIRECT CONTACT BATTERY TEMPERATURE DETECTION FOR RECHARGEABLE BATTERY SYSTEM**  
[54] **DETECTION INDIRECTE DE TEMPERATURE DE BATTERIE PAR CONTACT POUR SYSTEME A BATTERIE RECHARGEABLE**  
[72] CARKNER, STEVEN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2000-06-30  
[43] 2001-01-02  
[30] US (09/347,052) 1999-07-02

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[21] **2,313,266**  
[13] A1

[51] **Int.Cl. 7B65G 21/10 7B65G 41/00**  
[25] EN  
[54] **FOLDABLE FRAME FOR A CONVEYOR SYSTEM**  
[54] **CADRE PLIANT POUR CONVOYEUR**  
[72] SUITOR, NEILL, GB  
[72] MCCUSKER, DANIEL JAMES, GB  
[71] POWERSCREEN INTERNATIONAL DISTRIBUTION LIMITED, GB  
[22] 2000-06-30  
[43] 2001-01-03  
[30] GB (9915554.1) 1999-07-03

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[21] **2,313,271**  
[13] A1

[51] **Int.Cl. 7A01F 15/14**  
[25] EN  
[54] **ARRANGEMENT FOR SECURING LOOSE TWINE ENDS ON A CYLINDRICAL BALE**  
[54] **DISPOSITIF PERMETTANT DE FIXER LES EXTREMITES LACHES DE LA FICELLE D'UN BALLOT CYLINDRIQUE**  
[72] REPELLIN, JEROME, FR  
[72] CHABASSIER, AURELIEN, FR  
[72] VIAUD, JEAN, FR  
[72] FOURNIER, JEAN FRANCOIS, FR  
[71] DEERE & COMPANY, US  
[22] 2000-06-30  
[43] 2001-01-02  
[30] DE (199 30 674.5) 1999-07-02

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[21] **2,313,274**  
[13] A1

[51] **Int.Cl. 7C07C 9/04 7F25J 3/02 7C10L 3/08**  
[25] EN  
[54] **CRYOGENIC RECTIFICATION SYSTEM FOR PRODUCING FUEL AND HIGH PURITY METHANE**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE POUR LA PRODUCTION DE COMBUSTIBLES ET DE METHANE ULTRA-PUR**  
[72] MALONEY, JAMES JOSEPH, US  
[72] SHAH, MINISH MAHENDRA, US  
[72] DRNEVICH, RAYMOND FRANCIS, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-06-30  
[43] 2001-01-01  
[30] US (09/345,422) 1999-07-01

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[21] **2,313,280**  
[13] A1

[51] **Int.Cl. 7G02F 1/03**  
[25] EN  
[54] **ELECTRO-OPTIC MODULATORS WITH INTERNAL IMPEDANCE MATCHING**  
[54] **MODULATEURS ELECTROOPTIQUES AVEC ADAPTATION D'IMPEDANCE INTERNE**  
[72] CASACCIA, EMILIO, IT  
[72] PERASSO, ALDO, IT  
[72] PIROLA, MARCO, IT  
[72] GHIONE, GIOVANNI, IT  
[72] FRASSATI, DAVIDE, IT  
[72] BOSSO, SERGIO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[22] 2000-06-30  
[43] 2001-01-02  
[30] EP (99 112827.3) 1999-07-02

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[21] **2,313,281**  
[13] A1

[51] **Int.Cl. 7A63B 53/06**  
[25] EN  
[54] **IRON TYPE GOLF CLUB HEAD WITH WEIGHT ADJUSTMENT MEMBER**  
[54] **TETE DE FER DROIT DE GOLF MUNIE D'UN ELEMENT DE REGLAGE DE POIDS**  
[72] KAZEMI-TABRIZI, PARVANEH, US  
[72] KUBICA, DANIEL J., US  
[71] KARSTEN MANUFACTURING CORPORATION, US  
[22] 2000-06-30  
[43] 2001-01-01  
[30] US (09/346,287) 1999-07-01

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[21] **2,313,284**  
[13] A1

[51] **Int.Cl. 7B60K 26/00 7F02D 45/00 7F02D 17/04 7B60K 41/04**  
[25] EN  
[54] **DRIVING MOTOR STOPPING UNIT**  
[54] **DISPOSITIF D'ARRET DE MOTEUR D'ENTRAINEMENT**  
[72] EGUCHI, TAKAHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-06-30  
[43] 2001-01-02  
[30] JP (11-189567) 1999-07-02

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December 31, 2000 - January 6, 2001

[21] **2,313,296**  
[13] A1

[51] **Int.Cl. 7B65G 53/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING SYNCHRONIZATION IN A DOCUMENT INSERTING SYSTEM**  
[54] **METHODE ET APPAREIL PERMETTANT D'AMELIORER LA SYNCHRONISATION DANS UN SYSTEME D'INSERTION DE DOCUMENTS**  
[72] SUSSMEIER, JOHN W., US  
[72] ANTONELLI, NICHOLAS R., US  
[71] PITNEY BOWES INC., US  
[22] 2000-06-30  
[43] 2001-01-02  
[30] US (09/346,523) 1999-07-02

[21] **2,313,306**  
[13] A1

[51] **Int.Cl. 7C07D 471/04**  
[25] EN  
[54] **RACEMIZATION OF R,S-DIOXO-BENZYLPIRROLOPIPERIDINE**  
[54] **RACEMISATION DE LA R,S-DIOXOBENZYLPIRROLOPIPERIDINE**  
[72] KREBS, ANDREAS, DE  
[72] WESTEN, JOACHIM, DE  
[72] MARTIN, GEORG, DE  
[72] DIEHL, HERBERT, DE  
[72] JAWOREK, WILFRIED, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-06-30  
[43] 2001-01-06  
[30] DE (19931115.3) 1999-07-06

[21] **2,313,336**  
[13] A1

[51] **Int.Cl. 7C09K 11/56 7H05B 33/14**  
[25] EN  
[54] **HIGH LUMINANCE-PHOSPHOR AND METHOD FOR FABRICATING THE SAME**  
[54] **LUMINOPOHORE A HAUTE LUMINOSITE ET METHODE POUR SA PRODUCTION**  
[72] CHO, KYOUNG-IK, KR  
[72] PARK, SANG-HEE, KR  
[72] YUN, SUN-JIN, KR  
[72] MA, DONG-SUNG, KR  
[72] KIM, YONG-SHIN, KR  
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR  
[22] 2000-07-04  
[43] 2001-01-05  
[30] KR (1999-26897) 1999-07-05

[21] **2,313,302**  
[13] A1

[51] **Int.Cl. 7C07D 491/048 7A61P 35/00 7A61P 19/02 7A61P 1/04 7A61P 9/10 7A61K 31/436 7A61K 31/444 7A61K 31/4545 7A61K 31/496 7A61K 31/506 7A61K 31/5377 7A61K 31/55**  
[25] FR  
[54] **NOUVEAUX INHIBITEURS DE METALLOPROTEASES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW METALLOPROTEASE INHIBITORS, THE PROCESS FOR PREPARING THEM AND THE PHARMACEUTICAL COMPOUNDS CONTAINING THEM**  
[72] PIERRE, ALAIN, FR  
[72] BENOIST, ALAIN, FR  
[72] SABATINI, MASSIMO, FR  
[72] BONNET, JACQUELINE, FR  
[72] ATASSI, GHANEM, FR  
[72] DE NANTEUIL, GUILLAUME, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99/08448) 1999-07-01

[21] **2,313,311**  
[13] A1

[51] **Int.Cl. 7G02F 1/29 7G02B 27/28**  
[25] EN  
[54] **REFLECTIVE NON-RECIPROCAL OPTICAL DEVICE**  
[54] **DISPOSITIF OPTIQUE REFLECHISSANT NON RECIPROQUE**  
[72] ARKWRIGHT, JOHN WILLIAM, AU  
[72] FRISKEN, STEVEN JAMES, AU  
[72] HILL, PETER COLLIN, AU  
[71] PHOTONIC TECHNOLOGIES PTY LTD., AU  
[22] 2000-06-30  
[43] 2001-01-02  
[30] US (09/345,027) 1999-07-02

[21] **2,313,337**  
[13] A1

[51] **Int.Cl. 7C07C 255/31 7C11C 5/00 7C07C 69/025 7C07C 47/11 7C07C 49/11 7C07C 33/12 7C07C 53/134 7C07C 31/135 7C07C 49/21 7C07C 47/225 7C07C 57/26 7A61K 7/46 7C11D 3/50 7C07C 69/608**  
[25] EN  
[54] **CYCLOPENTYLALKYL-NITRILES**  
[54] **CYCLOPENTYLALKYLNITRILES**  
[72] BAJGROWICZ, JERZY A., CH  
[72] GYGAX, PETER, CH  
[72] BOURDIN TRUNZ, BERNADETTE, CH  
[71] GIVAUDAN ROURE (INTERNATIONAL) S.A., CH  
[22] 2000-07-04  
[43] 2001-01-05  
[30] EP (99810585.2) 1999-07-05

[21] **2,313,313**  
[13] A1

[51] **Int.Cl. 7G01L 7/20 7G01L 7/06**  
[25] EN  
[54] **RELATIVE PRESSURE SENSOR**  
[54] **CAPTEUR DE PRESSION RELATIVE**  
[72] FLOGEL, KARL, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-06-30  
[43] 2001-01-01  
[30] EP (99 11 2538.6) 1999-07-01

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**31 décembre 2000 - 6 janvier 2001**

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[21] **2,313,340**  
[13] A1

[51] **Int.Cl. 7B30B 15/00 7B08B 1/04**  
[25] EN  
[54] **AN ARRANGEMENT FOR CLEANING THE UPPER AND/OR LOWER PUNCHES OF A ROTARY PRESS**  
[54] **DISPOSITIF POUR NETTOYER LES POINCONS SUPERIEURS ET/OU INFERIEURS D'UNE PRESSE ROTATIVE**  
[72] WOLF, KARSTEN, DE  
[72] HOLDERBAUM, THOMAS, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-07-04  
[43] 2001-01-02  
[30] DE (199 30 626.5) 1999-07-02

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[21] **2,313,341**  
[13] A1

[51] **Int.Cl. 7F16K 31/08**  
[25] EN  
[54] **SELF-LATCHING SOLENOID VALVE ASSEMBLY AND CONTROL CIRCUIT**  
[54] **ELECTROROBINET A VERROUILLAGE AUTOMATIQUE ET CIRCUIT DE COMMANDE**  
[72] JONES, THOMAS R., US  
[72] JANSSEN, ERIC P., US  
[71] MAC VALVES, INC., US  
[22] 2000-07-04  
[43] 2001-01-02  
[30] US (09/347,043) 1999-07-02

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[21] **2,313,346**  
[13] A1

[51] **Int.Cl. 7G01R 31/00 7G01R 31/02 7G01R 31/26**  
[25] EN  
[54] **METHOD FOR THE TESTING OF ELECTRONIC COMPONENTS**  
[54] **METHODE D'ESSAI DE COMPOSANTS ELECTRONIQUES**  
[72] LEJEUNE, PHILIPPE, FR  
[71] SOFTLINK, FR  
[22] 2000-07-04  
[43] 2001-01-05  
[30] FR (99 09055) 1999-07-05

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[21] **2,313,347**  
[13] A1

[51] **Int.Cl. 7G05D 3/12**  
[25] EN  
[54] **JOYSTICK CONTROL FOR AN AUTOMATIC DEPTH CONTROL SYSTEM AND METHOD**  
[54] **MINI-MANCHE POUR SYSTEME AUTOMATIQUE DE COMMANDE DE LA PROFONDEUR ET METHODE CONNEXE**  
[72] BUCHL, ANDREW F., US  
[71] BUCHL, ANDREW F., US  
[22] 2000-07-04  
[43] 2001-01-01  
[30] US (09/345,343) 1999-07-01

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[21] **2,313,354**  
[13] A1

[51] **Int.Cl. 7B32B 5/04**  
[25] EN  
[54] **PROCESS FOR MAKING ELASTICALLY STRETCHABLE COMPOSITE SHEET**  
[54] **PROCEDE POUR PRODUIRE UNE FEUILLE COMPOSITE ELASTIQUE ETIRABLE**  
[72] ISHIKAWA, HIDEYUKI, JP  
[72] KOBAYASHI, TOSHIO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-04  
[43] 2001-01-05  
[30] JP (11-190935) 1999-07-05

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[21] **2,313,355**  
[13] A1

[51] **Int.Cl. 7B32B 5/04**  
[25] EN  
[54] **PROCESS FOR MAKING ELASTICALLY STRETCHABLE COMPOSITE SHEET**  
[54] **PROCEDE POUR PRODUIRE UNE FEUILLE COMPOSITE ELASTIQUE ETIRABLE**  
[72] ISHIKAWA, HIDEYUKI, JP  
[72] KOBAYASHI, TOSHIO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-04  
[43] 2001-01-05  
[30] JP (11-190934) 1999-07-05

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[21] **2,313,356**  
[13] A1

[51] **Int.Cl. 7C11D 17/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING LAUNDRY DETERGENT AND CLEANING PRODUCT TABLETS**  
[54] **PROCEDE DE PRODUCTION DE DETERGENT POUR LESSIVE ET PASTILLES DE PRODUIT DE NETTOYAGE**  
[72] RICHTER, BERND, DE  
[72] NITSCH, CHRISTIAN, DE  
[72] JUNG, DIETER, DE  
[72] HOLDERBAUM, THOMAS, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-07-04  
[43] 2001-01-03  
[30] DE (199 30 771.1) 1999-07-03

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[21] **2,313,357**  
[13] A1

[51] **Int.Cl. 7G02B 7/02 7G02B 6/26**  
[25] EN  
[54] **AUTO-FOCUS MICRO-LENS HOLDER**  
[54] **PORTE-MINI-LENTILLE AUTOFOCUS**  
[72] GRENIER, PAUL, CA  
[72] PARENT, ANDRÉ, CA  
[72] BONNIER, DENI, CA  
[72] LABRANCHE, BRUNO, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2000-07-04  
[43] 2001-01-05  
[30] CA (2,276,939) 1999-07-05

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Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001

[21] **2,313,360**  
[13] A1

[51] **Int.Cl. 7G01S 17/06**  
[25] EN  
[54] **LASER SIGHTING BEAM  
MODIFICATION FOR MEASURING OR  
TREATMENT INSTRUMENT**  
[54] **MODIFICATION D'UN FAISCEAU  
LASER DE VISEE POUR UN  
INSTRUMENT DE MESURE OU DE  
TRAITEMENT**  
[72] HOLLANDER, MILTON BERNARD,  
US  
[71] HOLLANDER, MILTON BERNARD,  
US  
[22] 2000-07-04  
[43] 2001-01-02  
[30] US (60/142,070) 1999-07-02  
[30] US (60/147,021) 1999-08-03  
[30] US (60/154,591) 1999-09-17  
[30] US (60/185,385) 2000-02-28  
[30] US (UNKNOWN) 2000-04-19

[21] **2,313,364**  
[13] A1

[51] **Int.Cl. 7H02M 3/315**  
[25] EN  
[54] **POWER SUPPLY UNIT  
BLOC D'ALIMENTATION**  
[72] YOSHIMOTO, TAKAYUKI, JP  
[72] KATAYAMA, TAKAYUKI, JP  
[72] KAWANO, SEIJI, JP  
[72] FUSHIHARA, YASUNOBU, JP  
[71] MITSUMI ELECTRIC CO., LTD., JP  
[22] 2000-07-04  
[43] 2001-01-05  
[30] JP (11-191030) 1999-07-05

[21] **2,313,370**  
[13] A1

[51] **Int.Cl. 7G01S 17/06**  
[25] EN  
[54] **MEASURING OR TREATMENT  
INSTRUMENT WITH LASER  
SIGHTING**  
[54] **INSTRUMENT DE MESURE OU DE  
TRAITEMENT AVEC VISEUR LASER**  
[72] HOLLANDER, MILTON BERNARD,  
US  
[71] HOLLANDER, MILTON BERNARD,  
US  
[22] 2000-07-04  
[43] 2001-01-02  
[30] US (60/142,070) 1999-07-02  
[30] US (60/147,021) 1999-08-03  
[30] US (60/154,591) 1999-09-17  
[30] US (60/185,385) 2000-02-28  
[30] US (UNKNOWN) 2000-04-19

[21] **2,313,371**  
[13] A1

[51] **Int.Cl. 7A47F 3/04**  
[25] EN  
[54] **TEMPERATURE CONTROLLED  
CASE**  
[54] **ENCEINTE THERMOSTATIQUE**  
[72] LANE, MARK E., US  
[72] DAVIDSON, MICHAEL B., CA  
[71] IN-STORE PRODUCTS LIMITED, CA  
[22] 2000-07-04  
[43] 2001-01-06  
[30] US (09/348,924) 1999-07-06

[21] **2,313,372**  
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 1/00  
7A61P 3/00**  
[25] EN  
[54] **COMPOSITION AND METHOD  
FOR PROLONGING THE USEFUL LIFE  
OF ENTERAL FEEDING TUBES**  
[54] **COMPOSITION ET METHODE  
POUR PROLONGER LA DUREE DE VIE  
DE TUBES POUR ALIMENTATION  
ENTERALE**  
[72] MICHELS, LESTER DAVID, US  
[72] EGBERG, DAVID CURTIS, US  
[71] NOVARTIS NUTRITION AG, CH  
[22] 2000-07-04  
[43] 2001-01-06  
[30] US (09/345,123) 1999-07-06

[21] **2,313,376**  
[13] A1

[51] **Int.Cl. 7G05D 3/00 7G05B 11/60**  
[25] EN  
[54] **AUTOMATIC DEPTH CONTROL  
SYSTEM AND METHOD**  
[54] **SYSTEME AUTOMATIQUE DE  
COMMANDE DE LA PROFONDEUR ET  
METHODE CONNEXE**  
[72] BUCHL, ANDREW F., US  
[71] BUCHL, ANDREW F., US  
[22] 2000-07-04  
[43] 2001-01-01  
[30] US (09/346,186) 1999-07-01

[21] **2,313,379**  
[13] A1

[51] **Int.Cl. 7C07D 501/04 7C07D 501/18  
7C07D 501/24**  
[25] EN  
[54] **PROCESS FOR THE  
MANUFACTURE OF  
CEPHALOSPORIN DERIVATIVES**  
[54] **PROCEDE POUR PRODUIRE DES  
DERIVES DE CEPHALOSPORINE**  
[72] TRICKES, GEORG, DE  
[72] SPURR, PAUL, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-07-04  
[43] 2001-01-05  
[30] EP (99112911.5) 1999-07-05

[21] **2,313,402**  
[13] A1

[51] **Int.Cl. 7E05F 11/24**  
[25] EN  
[54] **A WINDOW OPERATOR  
DECLENCHEUR DE FENETRE**  
[72] BOOSEY, MALCOLM DAVID, NZ  
[72] EFSTRATIOU, ROBERT, NZ  
[72] MOODY, ROY MALCOLM, NZ  
[71] INTERLOCK GROUP LIMITED, NZ  
[22] 2000-07-05  
[43] 2001-01-05  
[30] NZ (336579) 1999-07-05

[21] **2,313,409**  
[13] A1

[51] **Int.Cl. 7H02G 3/32**  
[25] EN  
[54] **BANDED MOUNT  
SUPPORT A SANGLES**  
[72] DZIEDZIC, EDWARD, US  
[71] ALUMA-FORM, INC., US  
[22] 2000-07-05  
[43] 2001-01-06  
[30] US (09/348,742) 1999-07-06

**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,313,411**  
[13] A1

[51] **Int.Cl. 7H03M 13/13**  
[25] EN  
[54] **PREAMBLE USING GOLAY SEQUENCE FOR ACCESS CHANNEL IN CELLULAR COMMUNICATIONS SYSTEMS**  
[54] **SYNCHRONISEUR INITIAL FAISANT APPEL AU CODE DE GOLAY POUR UN CANAL D'ACCES DANS DES SYSTEMES DE COMMUNICATIONS CELLULAIRES**  
[72] MASSIE, BASTIEN, FR  
[72] TONG, WEN, CA  
[72] BOUET, ETIENNE, FR  
[72] LE STRAT, EVELYNE, FR  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-07-05  
[43] 2001-01-06  
[30] CA (2,276,971) 1999-07-06

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[21] **2,313,417**  
[13] A1

[51] **Int.Cl. 7E04D 13/08**  
[25] EN  
[54] **DRAINPIPE DEBRIS TRAP**  
[54] **CREPINE DE CONDUIT D'EVACUATION**  
[72] ROLES, CLEMENCE, CA  
[71] ROLES, CLEMENCE, CA  
[22] 2000-07-05  
[43] 2001-01-06  
[30] US (09/347,535) 1999-07-06

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[21] **2,313,418**  
[13] A1

[51] **Int.Cl. 7F16B 39/34**  
[25] EN  
[54] **SCREW**  
[54] **VIS**  
[72] HABERLE, GUNTHER, AU  
[71] HABERLE, GUNTHER, AU  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 30 905.1) 1999-07-06

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[21] **2,313,423**  
[13] A1

[51] **Int.Cl. 7H04R 1/02 7H04N 5/60**  
[25] EN  
[54] **VIDEO EQUIPMENT SPEAKER DEVICE WITH ACOUSTIC LENS**  
[54] **DISPOSITIF DE HAUT-PARLEUR D'EQUIPEMENT VIDEO AVEC LENTILLE ACOUSTIQUE**  
[72] IKEUCHI, KAZUKIKO, JP  
[72] SHIOTA, TOMIO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-07-05  
[43] 2001-01-06  
[30] JP (192146/1999) 1999-07-06

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[21] **2,313,436**  
[13] A1

[51] **Int.Cl. 7G01M 13/00 7G01M 15/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETERMINING PROPER ASSEMBLY OF ENGINE COMPONENTS**  
[54] **METHODE ET SYSTEME PERMETTANT DE DETERMINER L'ASSEMBLAGE APPROPRIE DES ELEMENTS D'UN MOTEUR**  
[72] KOVACS, STEPHEN F., II, US  
[72] RUCHA, ROBERT J., US  
[71] ABB FLEXIBLE AUTOMATION INC., US  
[22] 2000-07-06  
[43] 2001-01-06  
[30] US (09/348,154) 1999-07-06

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[21] **2,313,565**  
[13] A1

[51] **Int.Cl. 7A47C 3/00 7A47C 7/34 7A47C 7/35**  
[25] EN  
[54] **CHAIR**  
[54] **CHAISE**  
[72] UHLENBROCK, JOHANNES, DE  
[71] RODER, PETER, DE  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 31 099.8) 1999-07-06  
[30] DE (100 26 292.9) 2000-05-26

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[21] **2,313,568**  
[13] A1

[51] **Int.Cl. 7C10M 173/00**  
[25] EN  
[54] **USE OF POLYMERS AS ANTIMISTING ADDITIVES IN WATER-BASED COOLING LUBRICANTS**  
[54] **UTILISATION DE POLYMERES COMME ADDITIFS ANTI-BUEE DANS LES LUBRIFIANTS REFRIGERANTS A BASE D'EAU**  
[72] KUPFER, RAINER, DE  
[72] HEIER, KARL HEINZ, DE  
[71] CLARIANT GMBH, DE  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 31 219.2) 1999-07-06

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[21] **2,313,570**  
[13] A1

[51] **Int.Cl. 7C10M 173/00**  
[25] EN  
[54] **USE OF POLYMERS AS ANTIMISTING ADDITIVES IN WATER-BASED COOLING LUBRICANTS**  
[54] **UTILISATION DE POLYMERES COMME ADDITIFS ANTI-BUEE DANS LES LUBRIFIANTS REFRIGERANTS A BASE D'EAU**  
[72] HEIER, KARL HEINZ, DE  
[72] KUPFER, RAINER, DE  
[71] CLARIANT GMBH, DE  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 31 220.6) 1999-07-06

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[21] **2,313,574**  
[13] A1

[51] **Int.Cl. 7C10M 173/00**  
[25] EN  
[54] **USE OF POLYMERS AS ANTIMISTING ADDITIVES IN WATER-BASED COOLING LUBRICANTS**  
[54] **UTILISATION DE POLYMERES COMME ADDITIFS ANTI-BUEE DANS LES LUBRIFIANTS REFRIGERANTS A BASE D'EAU**  
[72] KUPFER, RAINER, DE  
[72] HEIER, KARL HEINZ, DE  
[71] CLARIANT GMBH, DE  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 31 218.4) 1999-07-06

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**Canadian Laid-Open Applications  
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[21] **2,313,597**  
[13] A1

[51] **Int.Cl. 7C22C 1/00 7B32B 15/04 7F16J 15/06**  
[25] EN  
[54] **LAYERED COMPOSITE WITH WELDED INTERMEDIATE METAL LAYER**  
[54] **COMPOSITE EN COUCHES AVEC COUCHE METALLIQUE INTERMEDIAIRE SOUDEE**  
[72] OETTINGER, OSWIN, DE  
[72] JUNG, MANFRED, DE  
[71] SGL TECHNIK GMBH, DE  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (199 30 931.0) 1999-07-06

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[21] **2,313,598**  
[13] A1

[51] **Int.Cl. 7B41J 29/26**  
[25] EN  
[54] **COAT FILM TRANSFER HEAD DEVICE AND COAT FILM TRANSFER TOOL**  
[54] **DISPOSITIF DE TETE DE TRANSFERT DE PELLICULE PROTECTRICE ET OUTIL DE TRANSFERT DE PELLICULE PROTECTRICE**  
[72] TAMAI, SHIGERU, JP  
[72] KOYAMA, KOUHEI, JP  
[72] SHINTANI, MASATOSHI, JP  
[71] SEED RUBBER COMPANY LIMITED, JP  
[22] 2000-07-05  
[43] 2001-01-06  
[30] JP (11-192409) 1999-07-06

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[21] **2,313,611**  
[13] A1

[51] **Int.Cl. 7H01L 23/538 7H01L 23/12**  
[25] EN  
[54] **SEMICONDUCTOR DEVICE**  
[54] **DISPOSITIF A SEMICONDUCTEURS**  
[72] YANAGIDA, TOSHIHARU, JP  
[72] TAKESHITA, KANEYOSHI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-07-05  
[43] 2001-01-06  
[30] JP (P11-191252) 1999-07-06

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[21] **2,313,615**  
[13] A1

[51] **Int.Cl. 7F01P 7/16 7F16K 7/06 7F16K 31/64**  
[25] EN  
[54] **PERISTALTIC THERMOSTAT**  
[54] **THERMOSTAT PERISTALTIQUE**  
[72] GERICKE, MICHAEL, CA  
[71] TESMA INTERNATIONAL INC., CA  
[22] 2000-07-05  
[43] 2001-01-06  
[30] US (60/142,369) 1999-07-06

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[21] **2,313,635**  
[13] A1

[51] **Int.Cl. 7B43M 17/00 7B43L 19/00**  
[25] EN  
[54] **COAT FILM TRANSFER TAPE CARTRIDGE AND COAT FILM TRANSFER TOOL**  
[54] **CARTOUCHE DE RUBAN DE TRANSFERT DE PELLICULE PROTECTRICE ET OUTIL DE TRANSFERT DE PELLICULE PROTECTRICE**  
[72] TAMAI, SHIGERU, JP  
[72] KOYAMA, KOUHEI, JP  
[72] SHINTANI, MASATOSHI, JP  
[71] SEED RUBBER COMPANY LIMITED, JP  
[22] 2000-07-05  
[43] 2001-01-06  
[30] JP (11-192358) 1999-07-06  
[30] JP (11-246146) 1999-08-31

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[21] **2,313,663**  
[13] A1

[51] **Int.Cl. 7A61M 1/12 7A61F 2/02**  
[25] EN  
[54] **SINGLE CHAMBER MECHANICAL HEART**  
[54] **COEUR ARTIFICIEL MONO-CHAMBRE**  
[72] MATTHEWS, HERBERT L., CA  
[71] MATTHEWS, HERBERT L., CA  
[22] 2000-07-06  
[43] 2001-01-06  
[30] US (09/347,298) 1999-07-06

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[21] **2,313,665**  
[13] A1

[51] **Int.Cl. 7B32B 3/30**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR MAKING ELASTIC COMPOSITE SHEET**  
[54] **APPAREIL ET PROCEDE POUR FABRIQUER DES FEUILLES DE COMPOSITE ELASTIQUE**  
[72] KOBAYASHI, TOSHIO, JP  
[72] ISHIKAWA, HIDEYUKI, JP  
[72] MITSUNO, SATOSHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-06  
[43] 2001-01-06  
[30] JP (11-192295) 1999-07-06

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[21] **2,313,962**  
[13] A1

[51] **Int.Cl. 7B23D 55/10 7B27B 13/08**  
[25] EN  
[54] **TENSIONER ASSEMBLY**  
[54] **TENDEUR**  
[72] YAN, GONGPU, US  
[72] MCGRIFF, LYNN ALAN, US  
[71] PREMARK FEG L.L.C., US  
[22] 2000-07-06  
[43] 2001-01-06  
[30] US (09/347,668) 1999-07-06

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[21] **2,314,166**  
[13] A1

[51] **Int.Cl. 7F16L 55/30 7F16L 55/48**  
[25] FR  
[54] **DISPOSITIF POUR LE DEPLACEMENT D'UN ORGANE DANS UN TUBE ALLONGE DEPUIS UNE EXTREMITE DE CE TUBE**  
[54] **DEVICE FOR THE MOVEMENT OF AN ORGAN IN AN EXTENSION TUBE FROM ONE END OF THE TUBE**  
[72] BLANCHET, ANDRE, FR  
[72] LABRUNE, JEAN-LOUIS, FR  
[71] ALSTOM, FR  
[22] 2000-06-29  
[43] 2001-01-02  
[30] FR (99 08 533) 1999-07-02

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**Demandes canadiennes mises à la disponibilité du public**  
**31 décembre 2000 - 6 janvier 2001**

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[21] **2,314,173**  
[13] A1

[51] **Int.Cl. 7A61K 33/00 7A61P 11/06 7A61M 16/10 7A61K 9/12 7A61K 9/72**  
[25] FR  
[54] **UTILISATIONS THERAPEUTIQUES DE MELANGES GAZEUX D'HELIUM ET D'OXYGENE, EN PARTICULIER DANS LE TRAITEMENT DE L'ASTHME**  
[54] **THERAPEUTIC USES OF GASEOUS MIXTURES OF HELIUM AND OXYGEN, IN PARTICULAR IN THE TREATMENT OF ASTHMA**  
[72] LECOURT, LAURENT, FR  
[71] AIR LIQUIDE SANTÉ (INTERNATIONAL), FR  
[22] 2000-06-29  
[43] 2001-01-02  
[30] FR (99 08563) 1999-07-02

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[21] **2,314,175**  
[13] A1

[51] **Int.Cl. 7G05B 19/418**  
[25] FR  
[54] **PROCEDE DE PILOTAGE D'UN PROCESSUS DYNAMIQUE COMPLEXE**  
[54] **PROCESS FOR PILOTING A COMPLEX DYNAMIC PROCESS**  
[72] LE GOC, MARC, FR  
[72] DOLENC, NORBERT, FR  
[72] BARLES, MICHEL, FR  
[72] THIRION, CLAUDE, FR  
[72] LESAFFRE, FRANCOIS-MARIE, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 417) 1999-07-01

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[21] **2,314,177**  
[13] A1

[51] **Int.Cl. 7C22C 38/04 7C21D 8/02 7C22C 38/06**  
[25] FR  
[54] **TOLE D'ACIER A BASSE TENEUR EN ALUMINIUM POUR EMBALLAGE**  
[54] **LOW-ALUMINUM STEEL SHEET FOR PACKAGING**  
[72] BOUZEKRI, MOHAMED, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 419) 1999-07-01

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[21] **2,314,297**  
[13] A1

[51] **Int.Cl. 7B65B 51/30**  
[25] EN  
[54] **DEVICE FOR THE PRODUCTION OF TUBULAR BAGS FILLED WITH BULK GOODS**  
[54] **DISPOSITIF SERVANT A FABRIQUER DES SACS TUBULAIRES REMPLIS DE MARCHANDISES EN VRAC**  
[72] HELWIG, CHRISTIAN, DE  
[72] MATHEYKA, THOMAS, DE  
[71] VISION PACKAGING SYSTEMS LLC., US  
[22] 2000-07-05  
[43] 2001-01-06  
[30] DE (299 11 847.9) 1999-07-06

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[21] **2,314,533**  
[13] A1

[51] **Int.Cl. 7C22C 38/04 7C21D 8/02 7C22C 38/06**  
[25] FR  
[54] **TOLE D'ACIER A BASSE TENEUR EN ALUMINIUM POUR EMBALLAGE**  
[54] **LOW-ALUMINUM STEEL SHEET FOR PACKAGING**  
[72] BOUZEKRI, MOHAMED, FR  
[71] SOLLAC, FR  
[22] 2000-06-30  
[43] 2001-01-01  
[30] FR (99 08 416) 1999-07-01

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[21] **2,314,536**  
[13] A1

[51] **Int.Cl. 7A61K 9/10 7A61K 31/20 7A61K 31/23**  
[25] FR  
[54] **MICROEMULSIONS STABLES POUR L'ADMINISTRATION D'ACIDES GRAS A L'HOMME OU A L'ANIMAL, ET UTILISATION DE CES MICROEMULSIONS**  
[54] **STABLE MICROEMULSIONS FOR THE ADMINISTRATION OF FATTY ACIDS TO HUMANS OR ANIMALS, AND USE OF THESE MICROEMULSIONS**  
[72] ZANELLO, PHILIPPE, FR  
[71] CEVA SANTE ANIMALE, FR  
[22] 2000-07-04  
[43] 2001-01-05  
[30] FR (99 08 653) 1999-07-05

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[21] **2,315,249**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 45/00 7C12N 5/06 7A61K 35/12 7A61K 35/14 7A61K 38/17 7C12N 15/19**  
[25] EN  
[54] **BIOLOGICAL PROPERTIES OF DU-145 SUPERNATANT**  
[54] **PROPRIETES BIOLOGIQUES DU SURNAGEANT DE LA LIGNEE CELLULAIRE DU-145**  
[72] ICHIM, THOMAS, CA  
[72] ZHONG, ZHAOHUI, CN  
[71] ICHIM, THOMAS, CA  
[71] ZHONG, ZHAOHUI, CN  
[22] 2000-07-28  
[43] 2001-01-06

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[21] **2,315,327**  
[13] A1

[51] **Int.Cl. 7G06F 13/362 7H04L 12/16 7G06F 17/30 7G06F 13/38**  
[25] EN  
[54] **EXTRACTING USER-CUSTOMIZED SUBSETS OF DATA FROM A CENTRAL DATABASE**  
[54] **EXTRACTION DE SOUS-ENSEMBLES DE DONNEES PERSONNALISEES PAR L'UTILISATEUR ET STOCKES DANS UNE BASE DE DONNEES CENTRALE**  
[72] WILLYCK, BARRY, CA  
[72] WILLYCK, WENDELL, CA  
[72] WRIGHT, ERON, CA  
[71] POINT2 INTERNET SYSTEMS INC., CA  
[22] 2000-08-04  
[43] 2001-01-06  
[30] US (09/385,347) 1999-08-30

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[21] **2,321,936**  
[13] A1

[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] HOWE, MICHAEL W., US  
[72] AMSZI, JOHN W., US  
[72] MATHEWS, RODERIC G., US  
[71] PENZOIL-QUAKER STATE COMPANY, US  
[22] 2000-10-26  
[43] 2001-01-06  
[30] US (60/212,744) 2000-06-20

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[21] **2,321,952**  
[13] A1

[51] **Int.Cl. 7A45C 3/00**  
[25] EN  
[54] **SPORT LUGGAGE**  
[54] **BAGAGE DE SPORT**  
[72] OSTEN, FREDERICK F., US  
[71] OSTEN, FREDERICK F., US  
[22] 2000-10-30  
[43] 2001-01-06  
[30] US (09/633,014) 2000-08-04

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## Demandes PCT entrant en phase nationale

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[21] **2,312,822**  
[13] A1  
[51] **Int.Cl. 7F16S 1/02 7F16B 5/00 7E04F 15/02 7B27M 3/04**  
[25] EN  
[54] **METHOD FOR LAYING AND INTERLOCKING PANELS**  
[54] **METHODE POUR POSER ET EMBOITER DES PANNEAUX**  
[72] EISERMANN, RALF, DE  
[71] AKZENTA PANELEE + PROFILE GMBH, DE  
[85] 2000-06-02  
[86] 2000-03-22 (PCT/DE00/00870)  
[87] 2001-01-02 ()  
[30] DE (299 11 462.7) 1999-07-02

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[21] **2,319,001**  
[13] A1  
[51] **Int.Cl. 7C06D 5/06**  
[25] EN  
[54] **SMOKELESS GAS GENERANT COMPOSITIONS**  
[54] **COMPOSITIONS POUR GENERER DES GAZ SANS FUMEE**  
[72] BURNS, SEAN P., US  
[72] KHANDHADIA, PARESH S., US  
[71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US  
[85] 2000-07-05  
[86] 1999-02-26 (PCT/US99/04372)  
[87] 1999-09-16 (WO99/46009)  
[30] US (60/077,652) 1998-03-11  
[30] US (09/250,944) 1999-02-16

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[21] **2,319,194**  
[13] A1  
[51] **Int.Cl. 7B05B 7/26 7B65D 83/28**  
[25] EN  
[54] **DISPENSING SYSTEM WITH UNIQUE CONTAINER ATTACHMENT**  
[54] **DISPOSITIF DE DISTRIBUTION AVEC FIXATION DE RECIPIENT UNIQUE**  
[72] BROWN, DANIEL P., US  
[71] FLEXIBLE PRODUCTS COMPANY, US  
[85] 2000-07-17  
[86] 1999-01-07 (PCT/US99/00313)  
[87] 1999-07-22 (WO99/36345)  
[30] US (09/008,187) 1998-01-16

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[21] **2,319,409**  
[13] A1  
[51] **Int.Cl. 7H01F 38/32 7H02H 9/02 7H02H 1/06 7H03M 1/12**  
[25] EN  
[54] **SELF-POWERED CURRENT MONITOR**  
[54] **DISPOSITIF AUTONOME DE SURVEILLANCE DE COURANT**  
[72] EDEL, THOMAS G., US  
[71] EDEL, THOMAS G., US  
[85] 2000-07-26  
[86] 1999-02-12 (PCT/US99/03306)  
[87] 1999-08-26 (WO99/43010)  
[30] US (09/026,474) 1998-02-19

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[21] **2,323,083**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C12N 1/19 6C12N 1/21 6C07K 16/28 6A61K 39/395 6C12N 9/56 6G01N 33/68 6C12Q 1/68 6A61K 31/70 6C07K 14/705**  
[25] EN  
[54] **ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES AND RELATED REAGENTS**  
[54] **GENES DE PROTEINES MEMBRANAIRES MAMMIFERES ISOLES, ET REACTIFS ASSOCIES**  
[72] PHILIPPS, JOSEPH H., JR., US  
[72] LEBECQUE, SERGE J.E., FR  
[72] SEALAND, SEM, FR  
[72] GORMAN, DANIEL M., US  
[72] QUAN, AHN B., US  
[72] CHALUS, LIONEL, FR  
[72] BATES, ELIZABETH ESTER MARY, FR  
[71] SCHERING CORPORATION, US  
[85] 2000-09-14  
[86] 1999-03-16 (PCT/US99/03740)  
[87] 1999-09-23 (WO99/47673)  
[30] US (09/040,111) 1998-03-17

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[21] **2,324,523**  
[13] A1  
[51] **Int.Cl. 6G01K 7/01 6B60C 23/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING TEMPERATURE WITH AN INTEGRATED CIRCUIT DEVICE**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DE TEMPERATURE A L'AIDE D'UN CIRCUIT INTEGRE**  
[72] BROWN, ROBERT WALTER, US  
[72] POLLACK, RICHARD STEPHEN, US  
[72] YONES, DALE LEE, US  
[72] BLACK, DONALD LEE, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2000-09-18  
[86] 1998-04-14 (PCT/US98/07575)  
[87] 1999-10-21 (WO99/53279)

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[21] **2,324,524**  
[13] A1

[51] **Int.Cl. 6A61M 15/00 6B65D 83/14 6B05D 7/24**  
[25] EN  
[54] **VALVE FOR AEROSOL CONTAINER**  
[54] **SOUPAPE POUR RECIPIENT DIFFUSEUR D'AEROSOL**  
[72] RIEBE, MICHAEL THOMAS, US  
[72] SCHULZE, MARK DOUGLAS, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-09-18  
[86] 1999-03-17 (PCT/EP99/01757)  
[87] 1999-09-23 (WO99/47195)  
[30] GB (9805938.9) 1998-03-19

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[21] **2,324,527**  
[13] A1

[51] **Int.Cl. 6C01G 49/08**  
[25] EN  
[54] **METHOD FOR REPROCESSING WASTE ACID RESULTING FROM TIO2 PRODUCTION**  
[54] **PROCEDE DE RETRAITEMENT D'ACIDE USE ISSU DE LA PRODUCTION DE TIO2**  
[72] AUER, GERHARD, DE  
[72] LAILACH, GUNTER, DE  
[72] SCHUY, WERNER, DE  
[72] MEISEN, ULRICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-09-18  
[86] 1999-03-17 (PCT/EP99/01737)  
[87] 1999-09-30 (WO99/48816)  
[30] DE (198 12 262.4) 1998-03-20

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[21] **2,324,528**  
[13] A1

[51] **Int.Cl. 6D21H 27/02 6B31D 1/04 6A47K 10/16**  
[25] EN  
[54] **PAPER BASED MATERIAL, HYGIENIC PRODUCTS OF SINGLE USE MADE OF SUCH MATERIAL, AND METHOD OF PACKING OF SINGLE PRODUCTS WHICH ARE CONSUMED AS A WHOLE**  
[54] **MATERIAU A BASE DE PAPIER, PRODUITS HYGIENIQUE A USAGE UNIQUE FABRIQUES DANS CE MATERIAU, ET PROCEDE D'EMBALLAGE DE PRODUITS UNIQUES CONSOMMES EN TOTALITE**  
[72] STAVRULOV, IGOR  
ANATOLIEVICH, RU  
[71] STAVRULOV, IGOR  
ANATOLIEVICH, RU  
[85] 2000-09-18  
[86] 1999-02-24 (PCT/RU99/00050)  
[87] 1999-09-23 (WO99/47752)  
[30] RU (98104054) 1998-03-18

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[21] **2,324,529**  
[13] A1

[51] **Int.Cl. 6G02B 7/00 6G01L 19/00 6G01D 11/24 6G01D 11/26**  
[25] EN  
[54] **GAUGE PROTECTOR**  
[54] **PROTECTION POUR MANOMETRE**  
[72] GOLEMB, KIM EDWARD, US  
[72] GONZALEZ, PETER CHRISTOPHER, US  
[72] MILLER, JEFFREY ALAN, US  
[72] KROUPA, KEVIN DONALD, US  
[72] KOHN, GABRIEL SHLOMO, US  
[71] ALLIED HEALTHCARE PRODUCTS, INC., US  
[85] 2000-09-18  
[86] 1999-03-15 (PCT/US99/05650)  
[87] 1999-09-23 (WO99/47962)  
[30] US (09/039,236) 1998-03-16

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[21] **2,324,540**  
[13] A1

[51] **Int.Cl. 6A61N 1/36**  
[25] EN  
[54] **ELECTRO-NERVE STIMULATOR SYSTEMS AND METHODS**  
[54] **PROCEDES ET SYSTEMES DE NEUROSTIMULATEUR ELECTRIQUE**  
[72] STOLLER, MARSHALL L., US  
[72] GLEASON, CURTIS A., US  
[72] MORRIS, ROBERT A., US  
[72] MALANEY, JAMES, US  
[71] UROSURGE, INC., US  
[85] 2000-09-18  
[86] 1999-03-11 (PCT/US99/05385)  
[87] 1999-09-23 (WO99/47204)  
[30] US (60/078,413) 1998-03-18  
[30] US (09/213,558) 1998-12-17

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[21] **2,324,541**  
[13] A1

[51] **Int.Cl. 6G06K 19/07**  
[25] EN  
[54] **IDENTIFYING GOLF BALLS**  
[54] **IDENTIFICATION DE BALLE DE GOLF**  
[72] JOLLIFFE, DAVID VICTOR, GB  
[72] EMMERSON, GEOFFREY, GB  
[72] JOLLIFFE, STEVEN PAUL, GB  
[71] WORLD GOLF SYSTEMS LTD., GB  
[85] 2000-09-18  
[86] 1999-03-19 (PCT/GB99/00883)  
[87] 1999-09-23 (WO99/48046)  
[30] GB (9805911.6) 1998-03-19

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[21] **2,324,542**  
[13] A1

[51] **Int.Cl. 6B41J 2/01 6B41J 15/16**  
[25] EN  
[54] **PRINTING TEXTILE USING AN INKJET PRINTER**  
[54] **IMPRESSION DE TEXTILES A L'AIDE D'UNE IMPRIMANTE A JET D'ENCRE**  
[72] PENNEKAMP, RICHARD ARNOUT OTTO, NL  
[72] HINDRIKS, JAKOBUS, NL  
[72] HOLLANDERS, PETER, NL  
[72] DORSCH, ANDREAS THOMAS JOHANNES, NL  
[71] COLOR WINGS B.V., NL  
[85] 2000-09-18  
[86] 1999-03-19 (PCT/NL99/00155)  
[87] 1999-09-23 (WO99/47354)  
[30] NL (1008641) 1998-03-19

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,324,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 1/62</b> [25] EN [54] <b>ELECTROLUMINESCENT DEVICE AND METHOD OF MANUFACTURING SAME</b> [54] <b>DISPOSITIF ELECTROLUMINESCENT ET PROCEDE DE FABRICATION CORRESPONDANT</b> [72] ZAIDENBERG, LEV, IL [72] KIRYUSCHEV, IRINA, IL [71] VISSON IP, LLC, US [85] 2000-09-18 [86] 1999-03-12 (PCT/US99/05452) [87] 1999-09-23 (WO99/48124) [30] US (09/044,020) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/14 6C07D 405/14 6C07D 417/14 6A61K 31/445</b> [25] EN [54] <b>ARYLPIPERIDINE DERIVATIVES AND USE THEREOF</b> [54] <b>DERIVES D'ARYLPIPERIDINE ET UTILISATION DE CEUX-CI</b> [72] NAKAZATO, ATSURO, JP [72] CHAKI, SHIGEYUKI, JP [72] KUMAGAI, TOSHIHIRO, JP [72] YOSHIDA, MASANORI, JP [72] TOMISAWA, KAZUYUKI, JP [72] GOTOH, MAKATO, JP [72] NAGAMINE, MASASHI, JP [71] TAISHO PHARMACEUTICAL CO., LTD., JP [71] NIHON NOHYAKU CO., LTD., JP [85] 2000-09-18 [86] 1998-03-19 (PCT/JP98/01180) [87] 1999-09-23 (WO99/47515)</p>	<p style="text-align: right;">[21] <b>2,324,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 7/64 6A61K 49/00 6A61K 51/08 6C07K 7/56</b> [25] EN [54] <b>PHARMACEUTICALS FOR THE IMAGING OF ANGIOGENIC DISORDERS</b> [54] <b>PRODUITS PHARMACEUTIQUES POUR L'IMAGERIE DE TROUBLES ANGIOGENES</b> [72] RAJOPADHYE, MILAND, US [72] EDWARDS, D. SCOTT, US [72] HARRIS, THOMAS D., US [72] SINGH, PRAHLAD, R., US [72] LIU, SHUANG, US [72] HEMINWAY, STUART J., US [71] DUPONT PHARMACEUTICALS COMPANY, US [85] 2000-09-18 [86] 1999-03-29 (PCT/US99/06826) [87] 1999-11-18 (WO99/58162) [30] US (60/080,150) 1998-03-31 [30] US (60/112,715) 1998-12-18</p>
<p style="text-align: right;">[21] <b>2,324,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 37/02</b> [25] EN [54] <b>MONOLITH COATING APPARATUS AND METHOD THEREFOR</b> [54] <b>APPAREIL DE REVETEMENT DE SUPPORT MONOLITHIQUE ET SON PROCEDE DE FABRICATION</b> [72] WINTERBOURN, DUNCAN JOHN WILLIAM, GB [72] SPENCER, MICHAEL LEONARD WILLIAM, GB [72] HAYNES, ALAN GEORGE, GB [72] ADERHOLD, DIRK, GB [71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB [85] 2000-09-18 [86] 1999-03-05 (PCT/GB99/00652) [87] 1999-09-23 (WO99/47260) [30] GB (9805815.9) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/28 6B01J 20/08</b> [25] EN [54] <b>METHOD OF WATER PURIFICATION</b> [54] <b>PROCEDE DE PURIFICATION D'EAU</b> [72] KARAMAN, MARILYN E., AU [72] SHANKER, SIVARAJ, AU [72] PASHLEY, RICHARD MARK, AU [72] BUSTAMANTE, HERIBERTO ALEJANDRO, AU [71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU [71] AUSTRALIAN WATER TECHNOLOGIES PTY LTD., AU [85] 2000-09-18 [86] 1999-03-18 (PCT/AU99/00173) [87] 1999-09-23 (WO99/47456) [30] AU (PP 2428) 1998-03-18</p>	<p style="text-align: right;">[21] <b>2,324,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 65/00</b> [25] EN [54] <b>AN ENVIRONMENT FRIENDLY ACARICIDE FORMULATION</b> [54] <b>FORMULATION ACARICIDE SANS DANGER POUR L'ENVIRONNEMENT</b> [72] ANNADURAI, RAMASAMY SAMBASIVAM, IN [72] SUBBA RAO, PILLARISETTI VENKATA, IN [72] SRINIVAS, MALLADI, IN [71] ANNADURAI, RAMASAMY SAMBASIVAM, IN [71] SUBBA RAO, PILLARISETTI VENKATA, IN [71] SRINIVAS, MALLADI, IN [85] 2000-09-18 [86] 1999-03-31 (PCT/IN99/00011) [87] 1999-10-28 (WO99/53763) [30] IN (827/MAS/98) 1998-04-17</p>
<p style="text-align: right;">[21] <b>2,324,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>SECURITY SYSTEM AND METHOD FOR BUSINESS TRANSACTIONS WITH CUSTOMERS</b> [54] <b>SYSTEME ET PROCEDE DE SECURITE DESTINES A DES TRANSACTIONS COMMERCIALES AVEC DES CLIENTS</b> [72] MORRISON, WILLIAM T., JR., US [71] FIRST UNION CORPORATION, US [85] 2000-09-18 [86] 1999-02-25 (PCT/US99/04041) [87] 1999-09-23 (WO99/48236) [30] US (09/044,503) 1998-03-19</p>		

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,324,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A43B 3/12</b> [25] EN [54] <b>SANDAL</b> [54] <b>SANDALETTE</b> [72] BIRKENSTOCK, CHRISTIAN, DE [71] BETULA SCHUH GMBH, DE [85] 2000-09-18 [86] 1999-03-08 (PCT/DE99/00658) [87] 1999-09-23 (WO99/47012) [30] DE (298 04 991.0) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,564</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 3/00 6C09D 5/03 6G03G 9/08 6G03G 9/087 6C09D 11/10 6C08G 63/78 6C08G 63/81</b> [25] EN [54] <b>MANUFACTURING METHODS, BASED ON NON AQUEOUS DISPERSION TECHNIQUES, TO PRODUCE SPHERICAL POLYESTER PARTICLES WITH NARROW PARTICLE SIZE DISTRIBUTIONS AND TAILORABLE MEAN PARTICLE SIZES</b> [54] <b>METHODES DE FABRICATION FONDEES SUR DES TECHNIQUES RELATIVES A DES DISPERSIONS NON AQUEUSES SERVANT A PRODUIRE DES PARTICULES SPHERIQUES DE POLYESTER A TRES FAIBLE DISTRIBUTION ENTAILLE ET TAILLE MOYENNE AJUSTABLE</b> [72] WARD, BENNETT CLAYTON, US [72] SHIWAKU, TOSHIO, JP [72] JACOBS, ALEXANDRA, DE [72] MORS, VOLKER, DE [72] WULF, STEFAN, DE [71] TICONA GMBH, DE [85] 2000-09-18 [86] 1999-03-17 (PCT/EP99/01755) [87] 1999-09-23 (WO99/47586) [30] EP (98105004.0) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,566</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/55</b> [25] EN [54] <b>PHARMACEUTICAL COMPOSITION CONTAINING A CYSTEINE PROTEASE INHIBITOR FOR PROPHYLAXIS AND THERAPY OF BRAIN TISSUE IMPAIRMENT</b> [54] <b>COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR DE LA CYSTEINE-PROTEASE POUR LA PROPHYLAXIE ET LE TRAITEMENT DE LESION DU TISSU CEREBRAL</b> [72] YOSHIDA, YUKUO, JP [72] INOUE, JUN, JP [72] AZUMA, MITSUYOSHI, JP [72] SAKAMOTO, YUJI, JP [71] SENJU PHARMACEUTICAL CO., LTD., JP [85] 2000-09-19 [86] 1999-03-17 (PCT/JP99/01335) [87] 1999-09-30 (WO99/48522) [30] JP (10/72280) 1998-03-20</p>
<p style="text-align: right;">[21] <b>2,324,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02F 9/28 6F16B 2/14</b> [25] EN [54] <b>HYDRAULIC FASTENING OF COMPONENTS</b> [54] <b>FIXATION HYDRAULIQUE DE COMPOSANTS</b> [72] KEECH, GARTH ALEXANDER, AU [72] KEECH, DAVID KIM, AU [71] KEECH CASTINGS AUSTRALIA PTY. LIMITED, AU [85] 2000-09-18 [86] 1999-05-07 (PCT/AU99/00338) [87] 1999-11-18 (WO99/58773) [30] AU (PP 3422) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,324,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/38</b> [25] EN [54] <b>MASSIVE PARALLEL OPTICAL INTERCONNECT SYSTEM</b> [54] <b>SYSTEME MASSIF D'INTERCONNEXION OPTIQUE PARALLELE</b> [72] SCHOFIELD, PHILIP W., US [72] VLADIC, DANIEL P., US [72] WEISS, ROGER E., US [71] STRATOS LIGHTWAVE, INC., US [85] 2000-09-18 [86] 1999-03-16 (PCT/US99/05576) [87] 1999-09-23 (WO99/47958) [30] US (09/044,597) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03F 3/08 6H04N 3/15</b> [25] EN [54] <b>BUFFER CIRCUIT</b> [54] <b>CIRCUIT TAMPON</b> [72] COLLINS, STEVEN, GB [72] MARSHALL, GILLIAN FIONA, GB [71] THE SECRETARY OF STATE FOR DEFENCE, GB [85] 2000-09-19 [86] 1999-03-19 (PCT/GB99/00873) [87] 1999-09-30 (WO99/49571) [30] GB (9806094.0) 1998-03-20</p>
<p style="text-align: right;">[21] <b>2,324,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 9/02</b> [25] EN [54] <b>REMOTE DATA ACQUISITION AND TRANSMISSION SYSTEM AND METHOD</b> [54] <b>SYSTEME DE TELEACQUISITION ET DE TRANSMISSION DE DONNEES ET PROCEDE ASSOCIE</b> [72] DEFOSSE, ERIN, M., US [71] ISOCHRON DATA CORPORATION, US [85] 2000-09-18 [86] 1999-03-18 (PCT/US99/05983) [87] 1999-09-23 (WO99/48065) [30] US (60/078,645) 1998-03-19 [30] US (60/099,434) 1998-09-08</p>	<p style="text-align: right;">[21] <b>2,324,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/38</b> [25] EN [54] <b>MASSIVE PARALLEL OPTICAL INTERCONNECT SYSTEM</b> [54] <b>SYSTEME MASSIF D'INTERCONNEXION OPTIQUE PARALLELE</b> [72] SCHOFIELD, PHILIP W., US [72] VLADIC, DANIEL P., US [72] WEISS, ROGER E., US [71] STRATOS LIGHTWAVE, INC., US [85] 2000-09-18 [86] 1999-03-16 (PCT/US99/05576) [87] 1999-09-23 (WO99/47958) [30] US (09/044,597) 1998-03-19</p>	<p style="text-align: right;">[21] <b>2,324,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03F 3/08 6H04N 3/15</b> [25] EN [54] <b>BUFFER CIRCUIT</b> [54] <b>CIRCUIT TAMPON</b> [72] COLLINS, STEVEN, GB [72] MARSHALL, GILLIAN FIONA, GB [71] THE SECRETARY OF STATE FOR DEFENCE, GB [85] 2000-09-19 [86] 1999-03-19 (PCT/GB99/00873) [87] 1999-09-30 (WO99/49571) [30] GB (9806094.0) 1998-03-20</p>

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[21] **2,324,568**  
[13] A1

[51] **Int.Cl. 6A61K 38/27 6A61K 9/16 6A61K 47/18 6A61K 9/19**  
[25] EN  
[54] **SUSTAINED-RELEASE PREPARATION OF PHYSIOLOGICALLY ACTIVE POLYPEPTIDE AND PRODUCTION THEREOF**  
[54] **PREPARATION DE POLYPEPTIDE PHYSIOLOGIQUEMENT ACTIF, A LIBERATION PROLONGEE, ET PRODUCTION CORRESPONDANTE**  
[72] IWASA, SUSUMU, JP  
[72] MISAKI, MASAFUMI, JP  
[72] YAMAGATA, YUTAKA, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-09-19  
[86] 1999-03-18 (PCT/JP99/01359)  
[87] 1999-09-30 (WO99/48519)  
[30] JP (10/71853) 1998-03-20

[21] **2,324,569**  
[13] A1

[51] **Int.Cl. 6H01S 3/085 6G02B 6/42**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PREVENTING LOW ORDER OPTICAL TRANSMISSION MODES IN A MULTIMODE OPTICAL FIBER COMPUTER NETWORK USING AN ANNULUS LASER**  
[54] **PROCEDE ET SYSTEME PERMETTANT D'EVITER LES MODES DE TRANSMISSION OPTIQUE D'ORDRE FAIBLE DANS UN RESEAU INFORMATIQUE A FIBRES OPTIQUES MULTIMODE FAISANT APPEL A UN LASER A RAYON ANNULAIRE**  
[72] KIRK, RICHARD L., US  
[72] HUTCHISON, JERRY D., US  
[72] SIMCOE, ROBERT, US  
[72] SCHOFIELD, BRUCE A., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-09-19  
[86] 1999-05-21 (PCT/US99/11224)  
[87] 1999-11-25 (WO99/60678)  
[30] US (09/083,062) 1998-05-21

[21] **2,324,575**  
[13] A1

[51] **Int.Cl. 6C08L 3/02 6A23L 1/0522 6A23P 1/08 6B65D 65/46**  
[25] EN  
[54] **BIODEGRADABLE PACKAGING MATERIAL, METHOD FOR PRODUCING SAME AND ITS USE**  
[54] **MATERIAU BIODEGRADABLE POUR DES EMBALLAGES, SON PROCEDE DE PRODUCTION ET SON UTILISATION**  
[72] BAAR, ANDREAS GERHARD, DE  
[71] APACK AG FUR BIOLOGISCHE VERPACKUNGEN, DE  
[85] 2000-09-19  
[86] 1999-03-31 (PCT/EP99/02220)  
[87] 1999-10-07 (WO99/50346)  
[30] DE (198 14 373.7) 1998-03-31

[21] **2,324,578**  
[13] A1

[51] **Int.Cl. 6B24D 5/06 6B24D 3/08**  
[25] EN  
[54] **ABRASIVE TOOLS**  
[54] **OUTILS ABRASIFS**  
[72] WILLISTON, WILLIAM, H., US  
[72] BULJAN, SERGEJ-TOMISLAV, US  
[72] RAMANATH, SRINIVASAN, US  
[71] NORTON COMPANY, US  
[85] 2000-09-19  
[86] 1999-02-04 (PCT/US99/02399)  
[87] 1999-09-30 (WO99/48646)  
[30] US (09/049,623) 1998-03-27  
[30] US (09/218,844) 1998-12-22

[21] **2,324,579**  
[13] A1

[51] **Int.Cl. 6B27L 1/02**  
[25] EN  
[54] **WOOD WORKING MACHINE**  
[54] **MACHINE A BOIS**  
[72] OLEDAL, JAN, SE  
[72] SVENSSON, ANG KE, SE  
[71] HFD HALF PIPE DEBARKER AB, SE  
[85] 2000-09-19  
[86] 1999-03-17 (PCT/SE99/00412)  
[87] 1999-09-30 (WO99/48657)  
[30] SE (9800926-9) 1998-03-20

[21] **2,324,581**  
[13] A1

[51] **Int.Cl. 6B21D 43/28 6B26D 7/32 6B65H 29/40**  
[25] EN  
[54] **CONVEYOR DEVICE**  
[54] **DISPOSITIF DE TRANSPORT**  
[72] WITTMAYER, KLAUS, DE  
[71] SCHOBER GMBH WERKZEUG- UND MASCHINENBAU, DE  
[85] 2000-09-19  
[86] 1999-01-26 (PCT/EP99/00466)  
[87] 1999-09-30 (WO99/48632)  
[30] DE (198 13 139.9) 1998-03-25

[21] **2,324,582**  
[13] A1

[51] **Int.Cl. 6C07C 323/59 6A61K 31/195 6A61K 31/22 6A61K 31/225**  
[25] EN  
[54] **NEW COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] BERGSTRAND, HAKAN, SE  
[72] DAHMEN, JAN, SE  
[72] SARNSTRAND, BENGT, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-09-19  
[86] 1999-03-16 (PCT/SE99/00415)  
[87] 1999-09-30 (WO99/48865)  
[30] SE (9800932-7) 1998-03-20

[21] **2,324,584**  
[13] A1

[51] **Int.Cl. 6C07D 239/62 6A61K 31/515**  
[25] EN  
[54] **BARBITURIC ACID DERIVATIVE AND PREVENTIVE AND THERAPEUTIC AGENT FOR BONE AND CARTILAGE CONTAINING THE SAME**  
[54] **DERIVE DE L'ACIDE BARBITURIQUE ET AGENT PREVENTIF ET THERAPEUTIQUE DES MALADIES DES OS ET CARTILAGES LE CONTENANT**  
[72] SATOH, YUSUKE, JP  
[72] SAKAI, KUNIKAZU, JP  
[71] HOECHST MARION ROUSSEL, FR  
[85] 2000-09-18  
[86] 1999-03-23 (PCT/IB99/00961)  
[87] 1999-10-07 (WO99/50252)  
[30] JP (10/100355) 1998-03-27



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[21] **2,324,587**  
[13] A1

[51] **Int.Cl. 6C08J 9/08 6C08G 18/28 6C08G 18/79**  
[25] EN  
[54] **POLYISOCYANURATE FOAMS MOUSSES DE POLYISOCYANURATE**  
[72] ROTHACKER, ANDREAS, BE  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 2000-09-19  
[86] 1999-04-01 (PCT/EP99/02261)  
[87] 1999-10-14 (WO99/51668)  
[30] US (60/080,541) 1998-04-03  
[30] US (60/094,396) 1998-07-28

[21] **2,324,588**  
[13] A1

[51] **Int.Cl. 6C07C 5/42 6C07C 5/32**  
[25] EN  
[54] **POLYMER MODERATED WATER FORMATION**  
[54] **PROCEDE DE MODERATION DE LA FORMATION D'EAU AU MOYEN DE POLYMERES**  
[72] SHEPODD, TIMOTHY JON, US  
[71] SANDIA CORPORATION, US  
[85] 2000-09-19  
[86] 1998-03-19 (PCT/US98/05449)  
[87] 1999-09-23 (WO99/47477)

[21] **2,324,590**  
[13] A1

[51] **Int.Cl. 6C07C 405/00 6A61K 31/557**  
[25] EN  
[54] **C11 OXYMYL AND HYDROXYLAMINO PROSTAGLANDINS USEFUL AS FP AGONISTS**  
[54] **PROSTAGLANDINES OXYMYLE ET HYDROXYLAMINO C11 UTILISEES COMME ANTAGONISTES FP**  
[72] AMBURGEY, JACK SNYDER JR., US  
[72] DELONG, MITCHELL ANTHONY, US  
[72] SOPER, DAVID LINDSEY, US  
[72] DE, BISWANATH, US  
[72] WOS, JOHN AUGUST, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-09-19  
[86] 1999-03-22 (PCT/IB99/00480)  
[87] 1999-10-07 (WO99/50242)  
[30] US (60/080,216) 1998-03-31

[21] **2,324,591**  
[13] A1

[51] **Int.Cl. 6C12N 1/38 6C12N 5/06 6C12N 5/16 6C12N 5/22 6C07K 14/78**  
[25] EN  
[54] **CELL DIFFERENTIATION/PROLIFERATION AND MAINTENANCE FACTOR AND USES THEREOF**  
[54] **FACTEUR DE DIFFERENTIATION/DE PROLIFERATION ET DE CONSERVATION DES CELLULES ET PROCEDES D'UTILISATION CORRESPONDANTS**  
[72] BETTESS, MICHAEL DAVID, AU  
[72] RATHJEN, JOY, AU  
[72] RATHJEN, PETER DAVID, AU  
[71] BRESAGEN LIMITED, AU  
[85] 2000-09-19  
[86] 1999-04-09 (PCT/AU99/00265)  
[87] 1999-10-21 (WO99/53021)  
[30] AU (PP 2912) 1998-04-09  
[30] AU (PP 6097) 1998-09-23

[21] **2,324,592**  
[13] A1

[51] **Int.Cl. 7E01C 11/22**  
[25] EN  
[54] **SHAPED CONCRETE BLOCK WITH RAISED AREA AND SHAPED CONCRETE BLOCK KIT**  
[54] **AGGLOMERE DE BETON DOTE D'UNE SURELEVATION ET KIT D'AGGLOMERE DE BETON**  
[72] HAGENAH, GERHARD, DE  
[71] SF-KOOPERATION GMBH BETON-KONZEPTE, DE  
[85] 2000-09-19  
[86] 1999-06-24 (PCT/EP99/04389)  
[87] 2000-01-27 (WO00/04234)  
[30] DE (198 32 126.0) 1998-07-17

[21] **2,324,593**  
[13] A1

[51] **Int.Cl. 6A47F 7/00**  
[25] EN  
[54] **DEVICE AND METHOD FOR PRESENTING FRESH PRODUCTS**  
[54] **DISPOSITIF ET TECHNIQUE PERMETTANT DE PRESENTER DES PRODUITS FRAIS**  
[72] LUIJKX, CORNELIUS PETRUS MARIA, NL  
[71] LUIJKX, CORNELIUS PETRUS MARIA, NL  
[85] 2000-09-19  
[86] 1999-03-31 (PCT/NL99/00193)  
[87] 1999-10-07 (WO99/49762)  
[30] NL (1008784) 1998-04-01

[21] **2,324,594**  
[13] A1

[51] **Int.Cl. 6A61L 9/02**  
[25] EN  
[54] **METHOD FOR AROMA DELIVERY**  
[54] **PROCEDE DE DEGAGEMENT D'UN AROME**  
[72] YAGNIK, CHETAN KANTILAL, IN  
[72] IYER, VENKATRAMAN NARAYANASWAMY, IN  
[72] JAYACHANDRAN, ANURADHA, IN  
[72] SANKHE, TUSHAR PANDURANG, IN  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-09-19  
[86] 1998-03-20 (PCT/US98/05582)  
[87] 1999-09-30 (WO99/48539)

[21] **2,324,595**  
[13] A1

[51] **Int.Cl. 6B32B 27/08**  
[25] EN  
[54] **OXYGEN SCAVENGING COMPOSITIONS AND METHODS FOR MAKING SAME**  
[54] **COMPOSITIONS DESOXYGENANTES ET LEURS PROCEDES DE PRODUCTION**  
[72] HALLOCK, JOHN SCOTT, US  
[71] CRYOVAC, INC., US  
[85] 2000-09-19  
[86] 1999-02-24 (PCT/US99/03994)  
[87] 1999-09-23 (WO99/47351)  
[30] US (09/044,277) 1998-03-19

[21] **2,324,596**  
[13] A1

[51] **Int.Cl. 6A61K 7/06 6C11D 3/00 6C11D 17/00 6A61K 7/00 6C11D 3/22 6C11D 3/37**  
[25] EN  
[54] **HAIR TREATMENT COMPOSITIONS**  
[54] **COMPOSITIONS DE TRAITEMENT CAPILLAIRE**  
[72] BROWN, CHARLES RUPERT TELFORD, GB  
[72] FAIRLEY, PETER, GB  
[72] LAM, STANLEY, US  
[71] UNILEVER PLC, GB  
[85] 2000-09-19  
[86] 1999-03-15 (PCT/EP99/01679)  
[87] 1999-10-14 (WO99/51193)  
[30] GB (9807271.3) 1998-04-03

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[21] **2,324,597**  
[13] A1

[51] **Int.Cl. 6A21D 8/04 6A23G 3/00  
6A23G 9/00 6A23K 1/00 6A23L 1/105**  
[25] EN  
[54] **METHOD FOR PREPARING AND  
USING B-STARCH**  
[54] **PROCEDE DE PREPARATION ET  
D'UTILISATION D'AMIDON B**  
[72] BUINING, JAN, NL  
[72] LUDOVICI, KARL, DE  
[71] DAIRY PRODUCTS SUPPLY, NL  
[71] PFEIFER & LANGEN, DE  
[85] 2000-09-19  
[86] 1999-03-18 (PCT/EP99/01812)  
[87] 1999-09-30 (WO99/48383)  
[30] DE (198 12 511.9) 1998-03-21

[21] **2,324,601**  
[13] A1

[51] **Int.Cl. 6A01J 5/08**  
[25] EN  
[54] **TEAT CUPLINER FOR A MILKING  
MACHINE**  
[54] **MANCHON TRAYEUR POUR  
MACHINE A TRAIRE**  
[72] BRIGGS, STEPHEN WILLIAM, GB  
[72] CAREY, JACQUELINE ANNE, GB  
[71] SILCLEAR LIMITED, GB  
[85] 2000-09-19  
[86] 1999-03-23 (PCT/GB99/00751)  
[87] 1999-09-30 (WO99/48357)  
[30] ZA (98/2434) 1998-03-23  
[30] GB (9901402.9) 1999-01-23  
[30] GB (9903482.9) 1999-02-17

[21] **2,324,604**  
[13] A1

[51] **Int.Cl. 6B42F 11/00**  
[25] EN  
[54] **FOLDER COMPRISING A COVER  
AND BINDING DEVICE**  
[54] **CLASSEUR COMPORTANT UNE  
COUVERTURE ET UN DISPOSITIF DE  
RELIURE**  
[72] HOFFMANN, FRANK, DE  
[71] HOFFMANN, FRANK, DE  
[85] 2000-09-20  
[86] 1999-02-08 (PCT/EP99/00821)  
[87] 1999-08-19 (WO99/41088)  
[30] DE (198 05 902.7) 1998-02-13  
[30] DE (198 25 682.5) 1998-06-09  
[30] DE (198 37 158.6) 1998-08-17  
[30] DE (198 48 063.6) 1998-10-19  
[30] DE (199 00 582.6) 1999-01-09

[21] **2,324,599**  
[13] A1

[51] **Int.Cl. 6H01B 11/02**  
[25] EN  
[54] **TWISTED PAIR CABLE**  
[54] **CABLE A PAIRES TORSADEES**  
[72] KENNY, ROBERT D., US  
[72] SIEKIERKA, THOMAS J., US  
[71] BELDEN WIRE & CABLE  
COMPANY, US  
[85] 2000-09-19  
[86] 1999-03-26 (PCT/US99/06127)  
[87] 1999-10-07 (WO99/50856)  
[30] US (09/049,635) 1998-03-27

[21] **2,324,602**  
[13] A1

[51] **Int.Cl. 6A61B 8/08**  
[25] EN  
[54] **MULTIDIMENSIONAL  
DETECTION AND  
CHARACTERIZATION OF  
PATHOLOGIC TISSUES**  
[54] **DETECTION  
PLURIDIMENTIONNELLE ET  
CARACTERISATION DE TISSUS  
PATHOLOGIQUES**  
[72] CAULFIELD, H. JOHN, US  
[72] RATHER, JOHN D. G., US  
[72] ZEIDERS, GLENN W., US  
[72] LITTRUP, PETER J., US  
[72] DOOLITTLE, RICHARD D., US  
[71] BARBARA ANN KARMANOS  
CANCER INSTITUTE, US  
[85] 2000-09-19  
[86] 1999-03-19 (PCT/US99/06026)  
[87] 1999-09-23 (WO99/47046)  
[30] US (60/078,788) 1998-03-20

[21] **2,324,606**  
[13] A1

[51] **Int.Cl. 6E04C 3/30**  
[25] EN  
[54] **CONVEYOR GALLERY LATERAL  
RESTRAINT SYSTEM**  
[54] **SYSTEME DE MAINTIEN  
LATERAL DE GALERIE DE  
TRANSPORTEUR**  
[72] BRAHM, DAVID A., US  
[71] TEMCOR, US  
[85] 2000-09-20  
[86] 1999-03-17 (PCT/US99/05630)  
[87] 1999-09-30 (WO99/48777)  
[30] US (09/045,288) 1998-03-20

[21] **2,324,600**  
[13] A1

[51] **Int.Cl. 6G02F 1/09 6G11B 7/00**  
[25] EN  
[54] **INTEGRATED MICRO-OPTICAL  
SYSTEMS**  
[54] **SYSTEMES MICRO-OPTIQUES  
INTEGRES**  
[72] FELDMAN, MICHAEL R., US  
[72] WELCH, WILLIAM HUDSON, US  
[72] KATHMAN, ALAN D., US  
[71] DIGITAL OPTICS CORPORATION,  
US  
[85] 2000-09-19  
[86] 1999-03-26 (PCT/US99/06661)  
[87] 1999-09-30 (WO99/49455)  
[30] US (60/079,378) 1998-03-26

[21] **2,324,603**  
[13] A1

[51] **Int.Cl. 6C22C 38/24**  
[25] EN  
[54] **STEEL MATERIAL AND METHOD  
FOR ITS MANUFACTURING**  
[54] **MATIERE A BASE D'ACIER ET  
PROCEDE DE FABRICATION  
CORRESPONDANT**  
[72] SANDBERG, ODD, SE  
[71] UDDEHOLM TOOLING  
AKTIEBOLAG, SE  
[85] 2000-09-20  
[86] 1999-03-02 (PCT/SE99/00295)  
[87] 1999-09-30 (WO99/49093)  
[30] SE (9800954-1) 1998-03-23

[21] **2,324,607**  
[13] A1

[51] **Int.Cl. 6H01S 3/16**  
[25] EN  
[54] **SOLID STATE DYE LASER**  
[54] **LASER A COLORANT A SOLIDE**  
[72] FAN, BUNSEN, US  
[72] FARIS, SADEG MUSTAFA, US  
[71] REVEO, INC., US  
[85] 2000-09-20  
[86] 1999-02-10 (PCT/US99/02816)  
[87] 1999-09-30 (WO99/49543)  
[30] US (09/045,307) 1998-03-20

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[21] **2,324,608**  
[13] A1

[51] **Int.Cl. 6H03M 7/40**  
[25] EN  
[54] **ADAPTIVE PACKET  
COMPRESSION APPARATUS AND  
METHOD**  
[54] **SYSTEME ET PROCEDE  
ADAPTATIFS DE COMPRESSION DE  
PAQUETS**  
[72] KALKSTEIN, NIR, IL  
[71] EXPAND NETWORKS LTD., IL  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/US99/01376)  
[87] 1999-07-29 (WO99/38286)  
[30] US (09/013,980) 1998-01-27

[21] **2,324,610**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 31/47**  
[25] EN  
[54] **ANTITUMOR COMPOSITION  
CONTAINING A SYNERGISTIC  
COMBINATION OF AN  
ANTHRACYCLINE DERIVATIVE  
WITH A CAMPTOTHECIN DERIVATE**  
[54] **COMPOSITION ANTITUMORALE  
CONTENANT UNE COMPOSITION  
SYNERGETIQUE D'UN DERIVE  
D'ANTHRACYCLINE ET D'UN DERIVE  
DE CAMPTOTHECINE**  
[72] SUARATO, ANTONINO, IT  
[72] CARUSO, MICHELE, IT  
[72] RIPAMONTI, MARINA, IT  
[72] GERONI, CRISTINA, IT  
[71] PHARMACIA & UPJOHN S.P.A., IT  
[85] 2000-09-20  
[86] 1999-03-19 (PCT/EP99/01897)  
[87] 1999-09-30 (WO99/48503)  
[30] GB (9806324.1) 1998-03-24

[21] **2,324,611**  
[13] A1

[51] **Int.Cl. 6A61C 17/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
CLEANING TEETH**  
[54] **APPAREIL ET PROCEDE  
D'HYGIENE BUCCO-DENTAIRE**  
[72] KAMEN, DEAN L., US  
[72] GRAY, LARRY B., US  
[71] DEKA PRODUCTS LIMITED  
PARTNERSHIP, US  
[85] 2000-09-20  
[86] 1999-03-26 (PCT/US99/06461)  
[87] 1999-09-30 (WO99/48435)  
[30] US (60/079,502) 1998-03-26

[21] **2,324,612**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/14**  
[25] EN  
[54] **PAROXETINE COMPOSITIONS  
[54] FORMULATIONS A BASE DE  
PAROXETINE**  
[72] CRAIG, ANDREW SIMON, GB  
[72] WARD, NEAL, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-09-20  
[86] 1999-03-24 (PCT/GB99/00922)  
[87] 1999-09-30 (WO99/48499)  
[30] GB (9806312.6) 1998-03-24

[21] **2,324,615**  
[13] A1

[51] **Int.Cl. 6H04J 3/16**  
[25] EN  
[54] **MANAGING BANDWIDTH ON  
DEMAND FOR INTERNET PROTOCOL  
MESSAGING WITH CAPABILITY OF  
TELEPHONE CALL PROCESSING**  
[54] **GESTION DE LARGEUR DE  
BANDE SUR DEMANDE POUR  
MESSAGERIE IP AVEC POSSIBILITE  
DE TRANSFORMATION D'APPELS  
TELEPHONIQUES D'UN TYPE DE  
MEDIA A UN AUTRE**  
[72] GISBY, DOUGLAS, US  
[72] PICKERING, RICHARD B., US  
[71] GENESYS  
TELECOMMUNICATIONS  
LABORATORIES, INC., US  
[85] 2000-09-20  
[86] 1999-02-25 (PCT/US99/04249)  
[87] 1999-10-07 (WO99/50964)  
[30] US (09/050,673) 1998-03-30

[21] **2,324,616**  
[13] A1

[51] **Int.Cl. 6A61K 38/00**  
[25] EN  
[54] **TRIMERIC ANTIGENIC O-  
LINKED GLYCOPEPTIDE  
CONJUGATES, METHODS OF  
PREPARATION AND USES THEREOF**  
[54] **CONJUGUES DE  
GLYCOPEPTIDES A LIAISON O  
ANTIGENIQUES TRIMERES,  
PROCEDES DE PREPARATION ET  
UTILISATION DE CEUX-CI**  
[72] RAGUPATHI, GOVINDASWAMI, US  
[72] KUDUK, SCOTT, US  
[72] LLOYD, KENNETH O., US  
[72] LIVINGSTON, PHILIP O., US  
[72] KUDRYASHOV, VALERY, US  
[72] WILLIAMS, LAWRENCE, US  
[72] CHEN, XIAO TAO, US  
[72] GLUNZ, PETER, US  
[72] SCHWARTZ, JACOB B., US  
[72] SAMES, DALIBOR, US  
[72] DANISHEFSKY, SAMUEL J., US  
[72] HINTERMANN, SAMUEL, US  
[71] SLOAN-KETTERING INSTITUTE  
FOR CANCER RESEARCH, US  
[85] 2000-09-20  
[86] 1999-03-25 (PCT/US99/06976)  
[87] 1999-09-30 (WO99/48515)  
[30] US (60/079,312) 1998-03-25

[21] **2,324,618**  
[13] A1

[51] **Int.Cl. 6B61F 5/00**  
[25] EN  
[54] **RAILWAY TRUCK WITH  
UNDERSLUNG EQUALIZER BEAMS**  
[54] **BOGIE DE VEHICULE  
FERROVIAIRE AVEC POUTRES  
D'EGALISATEUR SURBAISSEES**  
[72] SANZO, ROGER F., US  
[72] POLLEY, RICHARD B., US  
[72] PORTER, TODD A., US  
[72] JONES, WILLIAM C., JR., US  
[71] BUCKEYE STEEL CASTINGS  
COMPANY, US  
[85] 2000-09-20  
[86] 1999-03-23 (PCT/US99/06358)  
[87] 1999-09-30 (WO99/48741)  
[30] US (09/047,746) 1998-03-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,324,620</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06T 9/00</b> [25] EN [54] <b>A METHOD OF RELAYING DIGITAL VIDEO AND AUDIO DATA VIA A COMMUNICATION MEDIA</b> [54] <b>PROCEDE DE RELAIS DE DONNEES NUMERIQUES VIDEO ET AUDIO AU MOYEN DE SUPPORTS DE COMMUNICATION</b> [72] WEI, WINSTON SER TUEN, SG [72] XU, ZHONG HUA, SG [71] MULTISCIENCE SYSTEM PTE. LTD., SG [85] 2000-09-20 [86] 1999-03-31 (PCT/IB99/00809) [87] 1999-10-07 (WO99/50988) [30] US (09/053,878) 1998-04-01</p>	<p style="text-align: right;">[21] <b>2,324,626</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 21/00 6G02B 21/06 6G02B 21/36</b> [25] EN [54] <b>TARGET ILLUMINATION DEVICE</b> [54] <b>DISPOSITIF D'ECLAIRAGE DE CIBLE</b> [72] HAHN, JAMES C., US [72] BUBNOSKI, DAVID P., US [72] SPATAFORE, PAT L., US [71] AUTO IMAGE ID, INC., US [85] 2000-09-20 [86] 1999-03-17 (PCT/US99/05636) [87] 1999-09-30 (WO99/49347) [30] US (09/045,623) 1998-03-20</p>	<p style="text-align: right;">[21] <b>2,324,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 31/22 7C07B 61/00 7C07C 11/02 7C08F 10/02 7C07C 2/32 7C08F 4/646 7C08F 4/656 7C08F 4/76</b> [25] EN [54] <b>CATALYSTS FOR .ALPHA.-OLEFIN PRODUCTION AND PROCESSES FOR PRODUCING .ALPHA.-OLEFIN</b> [54] <b>CATALYSEURS DESTINES A LA PRODUCTION DE .ALPHA.-OLEFINE ET PROCEDES DE FABRICATION DE .ALPHA.-OLEFINE</b> [72] SATO, HARUHITO, JP [72] WATANABE, MASAMI, JP [72] SHIRAKI, YASUSHI, JP [72] KURAMOTO, MASAHIKO, JP [72] TANAKA, SHINJI, JP [72] TAMURA, TAKAO, JP [71] IDEMITSU PETROCHEMICAL CO., LTD., JP [85] 2000-09-20 [86] 2000-01-07 (PCT/JP00/00042) [87] 2000-07-27 (WO00/43123) [30] JP (11/13186) 1999-01-21 [30] JP (11/41334) 1999-02-19</p>
<p style="text-align: right;">[21] <b>2,324,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 7/72</b> [25] EN [54] <b>ACCELERATED FINITE FIELD OPERATIONS ON AN ELLIPTIC CURVE</b> [54] <b>OPERATIONS ACCELEREES DANS LE CORPS DE GALOIS SUR UNE COURBE ELLIPTIQUE</b> [72] GALLANT, ROBERT, CA [72] ANTIPA, ADRIAN, CA [72] VANSTONE, SCOTT A., CA [72] MULLIN, RONALD C., CA [71] CERTICOM CORP., CA [85] 2000-09-20 [86] 1999-03-25 (PCT/CA99/00254) [87] 1999-09-30 (WO99/49386) [30] US (09/047,518) 1998-03-25</p>	<p style="text-align: right;">[21] <b>2,324,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 251/70 6C07D 403/12 6C07D 251/42 6C07D 251/50 6C07D 251/52 6A61K 31/53 6C07D 251/66</b> [25] EN [54] <b>TRISUBSTITUTED 1,3,5-TRIAZINE DERIVATIVES FOR TREATMENT OF HIV INFECTIONS</b> [54] <b>DERIVES DE 1,3,5-TRIAZINE TRISUBSTITUES POUR LE TRAITEMENT D'INFECTIONS A VIH</b> [72] DAEYAERT, FREDERIK FRANS DESIRE, BE [72] DE CORTE, BART, US [72] KAVASH, ROBERT W., US [72] KOYMANS, LUCIEN MARIA HENRICUS, BE [72] JANSSEN, PAUL ADRIAAN JAN, BE [72] DE JONGE, MARC RENE, NL [72] LUDOVICI, DONALD WILLIAM, US [72] KUKLA, MICHAEL JOSEPH, US [72] HO, CHIH YUNG, US [72] HEERES, JAN, BE [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2000-09-20 [86] 1999-03-24 (PCT/EP99/02044) [87] 1999-10-07 (WO99/50256) [30] US (60/079,633) 1998-03-27 [30] EP (98201589.3) 1998-05-14</p>	<p style="text-align: right;">[21] <b>2,324,924</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07F 11/04 7G07F 9/10</b> [25] EN [54] <b>AUTOMATIC VENDING MACHINE AND CONTAINER FOR ARTICLES OF FROZEN CONFECTIONERY</b> [54] <b>DISTRIBUTEUR AUTOMATIQUE ET EMBALLAGES POUR CONFISERIES GLACEES</b> [72] DOMENECH SENDRA, EDUARDO, ES [72] RUANO DEL CAMPO, MIGUEL, ES [72] SAN MARTIN, JESUS, ES [72] BUENO CERESUELA, JORGE, ES [71] SOCIETE DES PRODUITS NESTLE S.A., CH [85] 2000-09-20 [86] 1999-04-06 (PCT/EP99/02418) [87] 1999-10-28 (WO99/54852) [30] ES (U 9801015) 1998-04-16 [30] ES (U 9801875) 1998-07-14 [30] ES (P 9801826) 1998-08-28</p>
<p style="text-align: right;">[21] <b>2,324,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16H 25/24 6B23Q 5/40</b> [25] EN [54] <b>SCREW DRIVE METHOD AND APPARATUS</b> [54] <b>PROCEDE ET SYSTEME D'ENTRAINEMENT PAR VIS</b> [72] CARMAN, ROBERT A., US [72] LAFOUNTAIN, ROBERT L., US [71] FLOW INTERNATIONAL CORPORATION, US [85] 2000-09-20 [86] 1999-03-23 (PCT/US99/06362) [87] 1999-09-30 (WO99/49241) [30] US (09/046,500) 1998-03-23</p>		

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[21] **2,324,934**  
[13] A1

[51] **Int.Cl. 6B01F 17/00**  
[25] EN  
[54] **EXTRUDED HYDROCOLLOID GRANULES WITH IMPROVED WETTABILITY AND PROCESS FOR PRODUCING SAME**  
[54] **GRANULES HYDROCOLLOIDES EXTRUDEES A MOUILLABILITE AMELIOREE ET LEUR PROCEDE DE FABRICATION**  
[72] STERN, ALAN JOSEPH, US  
[71] RHODIA INC., US  
[85] 2000-09-20  
[86] 1999-03-17 (PCT/US99/05858)  
[87] 1999-09-23 (WO99/47249)  
[30] US (60/078,846) 1998-03-20  
[30] US (09/265,008) 1999-03-09

[21] **2,324,972**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 31/66 6G01N 33/68 6C07K 14/705 6C12N 15/85**  
[25] EN  
[54] **IDENTIFICATION OF LYSOLIPID RECEPTORS INVOLVED IN INFLAMMATORY RESPONSE**  
[54] **IDENTIFICATION DES RECEPTEURS DES LYSOLIPIDES IMPLIQUES DANS LA REPOSE INFLAMMATOIRE**  
[72] PETERS, DIANA, CA  
[72] VYAS, TEJAL B., CA  
[72] GUPTA, ASHWANI K., CA  
[72] KAMBOJ, RAJENDER, CA  
[72] MUNROE, DONALD G., CA  
[72] KOOSHESH, FATEMEH, CA  
[71] NPS ALLELIX CORP., CA  
[85] 2000-06-27  
[86] 1998-12-30 (PCT/CA98/01195)  
[87] 1999-07-15 (WO99/35259)  
[30] US (60/070,185) 1997-12-30  
[30] US (60/080,610) 1998-04-03  
[30] US (60/109,885) 1998-11-25

[21] **2,324,973**  
[13] A1

[51] **Int.Cl. 6C12N 15/52 6C12N 9/02 6C12N 1/15 6C12P 7/42 6C12N 15/53**  
[25] EN  
[54] **METHOD FOR INCREASING THE PHENOXY PROPIONIC ACID HYDROXYLATION RATE**  
[54] **PROCEDE POUR L'AUGMENTATION DU TAUX D'HYDROXYLATION DE L'ACIDE PHENOXYPROPIONIQUE**  
[72] VAN ZEIJL, CORA, NL  
[72] DINGLER, CHRISTOPH, DE  
[72] HAUER, BERNHARD, DE  
[72] VAN GORCOM, ROBERT, NL  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-09-27  
[86] 1999-03-31 (PCT/EP99/02205)  
[87] 1999-10-07 (WO99/50420)  
[30] DE (198 14 528.4) 1998-04-01

[21] **2,324,974**  
[13] A1

[51] **Int.Cl. 6C12N 15/63 6C12P 21/02 6C07K 14/245 6C12N 15/31 6C12N 15/62**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR PROTEIN SECRETION**  
[54] **COMPOSITIONS ET METHODES DE SECRETION PROTEIQUE**  
[72] WEINER, JOEL HIRSCH, CA  
[72] TURNER, RAYMOND JOSEPH, CA  
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[85] 2000-10-02  
[86] 1999-03-29 (PCT/CA99/00272)  
[87] 1999-10-14 (WO99/51753)  
[30] US (09/053,197) 1998-04-01  
[30] US (09/085,761) 1998-05-28

[21] **2,324,975**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/48 6C12Q 1/68**  
[25] EN  
[54] **ISOLATED NUCLEIC ACID MOLECULE ENCODING CANCER ASSOCIATED ANTIGENS, THE ANTIGENS PER SE, AND USES THEREOF**  
[54] **MOLECULE D'ACIDE NUCLEIQUE ISOLEE CODANT POUR DES ANTIGENES ASSOCIES AU CANCER, LES ANTIGENES EN EUX-MEMES, ET UTILISATIONS ASSOCIEES**  
[72] CHEN, YAO-TSENG, US  
[72] OLD, LLOYD, J., US  
[72] GURE, ALI, US  
[72] KNUTH, ALEXANDER, DE  
[72] JAGER, ELKE, DE  
[72] TSANG, SOLAM, US  
[72] STOCKERT, ELISABETH, US  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-10-02  
[86] 1999-03-16 (PCT/US99/05766)  
[87] 1999-10-28 (WO99/54738)  
[30] US (09/061,709) 1998-04-17

[21] **2,324,976**  
[13] A1

[51] **Int.Cl. 6A61K 31/00 6C12Q 1/02 6C07H 21/04 6C12Q 1/04 6C12Q 1/68**  
[25] EN  
[54] **INHIBITION OF BINDING OF HOX AND HOMEODOMAIN-CONTAINING PROTEINS AND USES THEREOF**  
[54] **INHIBITIONS DE LA LIAISON DES PROTEINES CONTENANT DES HOX OU DES HOMEODOMAINES**  
[72] SHI, XINGMING, US  
[72] CHANG, ZHIJIE, US  
[72] CAO, XU, US  
[71] THE UAB RESEARCH FOUNDATION, US  
[85] 2000-10-03  
[86] 1999-04-05 (PCT/US99/07455)  
[87] 1999-10-14 (WO99/51217)  
[30] US (60/080,859) 1998-04-06

## Demandes PCT entrant en phase nationale

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[21] **2,324,979**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **A METHOD OF INTERSTRAIN DIFFERENTIATION OF BACTERIA**  
[54] **PROCEDE DE DIFFERENTIATION DE SOUCHES DE BACTERIES**  
[72] SCHOULS, LEENDERT MARINUS, NL  
[72] VAN EMBDEN, JOHANNES DIRK ANTHONIE, NL  
[72] JANSEN, RUDOLPH, NL  
[71] SEED CAPITAL INVESTMENTS-2 (SCI-2) B.V., NL  
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL  
[85] 2000-10-03  
[86] 1998-04-03 (PCT/NL98/00186)  
[87] 1999-10-14 (WO99/51771)

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[21] **2,324,981**  
[13] A1  
[51] **Int.Cl. 6C07K 14/315 6C07K 16/00 6C12N 15/00 6A61K 39/09 6A61K 38/16**  
[25] EN  
[54] **PEPTIDES**  
[54] **PEPTIDES**  
[72] BJORCK, LARS HENRIK, SE  
[72] FRICK, INGA-MARIA, SE  
[71] ACTINOVA LIMITED, GB  
[85] 2000-10-05  
[86] 1999-04-09 (PCT/GB99/01104)  
[87] 1999-10-21 (WO99/52939)  
[30] GB (9807890.0) 1998-04-09

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[21] **2,324,983**  
[13] A1  
[51] **Int.Cl. 6A61K 39/21 6C07K 14/16 6A61K 39/29 6A61K 39/39**  
[25] EN  
[54] **HIV-SPECIFIC CYTOTOXIC T-CELL RESPONSES**  
[54] **REPONSES SPECIFIQUES VIH DE LYMPHOCYTES T CYTOTOXIQUES**  
[72] SIA, CHARLES, D. Y., CA  
[72] KLEIN, MICHEL H., CA  
[72] CHONG, PELE, CA  
[71] AVENTIS PASTEUR LIMITED, CA  
[85] 2000-10-05  
[86] 1999-04-01 (PCT/CA99/00287)  
[87] 1999-10-14 (WO99/51267)  
[30] US (09/055,744) 1998-04-07

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[21] **2,325,133**  
[13] A1  
[51] **Int.Cl. 6B63B 22/02**  
[25] EN  
[54] **SUBMERGED PIPELINE MANIFOLD FOR OFFLOADING MOORING BUOY AND METHOD OF INSTALLATION**  
[54] **COLLECTEUR DE CANALISATIONS IMMERGE POUR BOUEE D'AMARRAGE DE DECHARGEMENT ET PROCEDE D'INSTALLATION**  
[72] ETHERIDGE, CHARLES O., US  
[72] MCCOLLUM, JERRY L., US  
[72] LIU, YONGHUI H., US  
[72] KELM, RON L., US  
[71] FMC CORPORATION, US  
[85] 2000-09-20  
[86] 1999-04-22 (PCT/US99/08863)  
[87] 1999-10-28 (WO99/54197)  
[30] US (60/082,837) 1998-04-23  
[30] US (09/296,699) 1999-04-21

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[21] **2,325,134**  
[13] A1  
[51] **Int.Cl. 6G06F 3/00**  
[25] EN  
[54] **ELECTRONIC BOOK SYSTEM**  
[54] **SYSTEME DE LIVRE ELECTRONIQUE**  
[72] EBERHARD, MARTIN F., US  
[72] TARPENNING, MARC E., US  
[72] RUBERRY, MARY, US  
[72] UYEHARA, LANCE, US  
[71] NUVOMEDIA, INC., US  
[85] 2000-09-20  
[86] 1999-02-12 (PCT/US99/03179)  
[87] 1999-09-30 (WO99/49383)  
[30] US (60/078,782) 1998-03-20  
[30] US (09/086,249) 1998-05-28  
[30] US (09/086,096) 1998-05-28  
[30] US (09/086,058) 1998-05-28  
[30] US (09/085,773) 1998-05-28

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[21] **2,325,136**  
[13] A1  
[51] **Int.Cl. 6F16L 57/00 6G01D 21/00 6E03F 3/06 6F16L 9/18 6B32B 3/28**  
[25] EN  
[54] **PROTECTIVE SHIELD FOR ELONGATED UNDERGROUND UTILITIES**  
[54] **PROTECTION POUR INSTALLATIONS SOUTERRAINES ALLONGEES**  
[72] MAGOFFIN, HOWARD G., US  
[71] TUFF-N-NUFF U.S.A., INC., CA  
[85] 2000-09-20  
[86] 1999-03-16 (PCT/US99/05783)  
[87] 1999-09-23 (WO99/47848)  
[30] US (09/045,230) 1998-03-20

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[21] **2,325,137**  
[13] A1  
[51] **Int.Cl. 6G01N 27/00 6B01L 3/00 6G01N 29/00 6G01N 31/00 6G08B 17/10 6G01N 27/12 6G01N 27/26 6H01H 47/32**  
[25] EN  
[54] **HANDHELD SENSING APPARATUS**  
[54] **APPAREIL DE DETECTION PORTABLE**  
[72] SUNSHINE, STEVEN A., US  
[72] STEINTHAL, M. GREGORY, US  
[72] NAKAYAMA, ROBERT K., US  
[72] BOEHR, CHRISTOPHER K., US  
[71] CYRANO SCIENCES, INC., US  
[85] 2000-09-20  
[86] 1999-03-19 (PCT/US99/06094)  
[87] 1999-09-23 (WO99/47905)  
[30] US (09/045,237) 1998-03-20  
[30] US (09/141,847) 1998-08-27  
[30] US (09/178,443) 1998-10-23  
[30] US (09/271,873) 1999-03-18

## PCT Applications Entering the National Phase

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[21] **2,325,138**  
[13] A1  
[51] **Int.Cl. 7G06F 1/32 7G06F 3/16**  
[25] EN  
[54] **METHOD FOR REDUCING POWER CONSUMPTION, AND PORTABLE ELECTRONIC DEVICE AND ENTERTAINMENT SYSTEM THAT EMPLOY THE METHOD**  
[54] **PROCEDE PERMETTANT DE DIMINUER LA CONSOMMATION D'ENERGIE, DISPOSITIF ELECTRONIQUE PORTABLE ET EQUIPEMENT DE DISTRACTION FAISANT INTERVENIR CE PROCEDE**  
[72] MORITA, TORU, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-09-20  
[86] 2000-01-21 (PCT/JP00/00279)  
[87] 2000-07-27 (WO00/43860)  
[30] JP (11/13503) 1999-01-21

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[21] **2,325,140**  
[13] A1  
[51] **Int.Cl. 6G01N 33/20 6G01N 21/64**  
[25] EN  
[54] **LIFETIME-BASED SENSING OF SODIUM AND POTASSIUM**  
[54] **DETECTION, BASEE SUR LA DUREE DE VIE, DU SODIUM ET DU POTASSIUM**  
[72] LAKOWICZ, JOSEPH R., US  
[72] SZMACINSKI, HENRYK, US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[85] 2000-09-20  
[86] 1999-03-19 (PCT/US99/05980)  
[87] 1999-09-23 (WO99/47918)  
[30] US (60/078,856) 1998-03-20  
[30] US (60/111,554) 1998-12-09

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[21] **2,325,141**  
[13] A1  
[51] **Int.Cl. 6H05K 9/00 6H05K 3/40**  
[25] EN  
[54] **SURFACE MOUNT TECHNOLOGY COMPATIBLE EMI GASKET AND A METHOD OF INSTALLING AN EMI GASKET ON A GROUND TRACE**  
[54] **JOINT ANTI-PARASITES COMPATIBLE AVEC LA TECHNOLOGIE DU MONTAGE EN SURFACE ET PROCEDE DE MONTAGE DE CE JOINT SUR UNE COUCHE SUPPORT**  
[72] KING, DAVID R., US  
[72] REIS, BRADLEY E., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[85] 2000-09-20  
[86] 1999-02-19 (PCT/US99/03577)  
[87] 1999-10-07 (WO99/51074)  
[30] US (09/052,080) 1998-03-31

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[21] **2,325,143**  
[13] A1  
[51] **Int.Cl. 6A61B 8/00**  
[25] EN  
[54] **DEVICE FOR INSERTION OF A SENSOR**  
[54] **DISPOSITIF D'INSERTION D'UN CAPTEUR**  
[72] LOWE, ROBERT I., US  
[72] FURNARY, ANTHONY P., US  
[71] TOBO, LLC, US  
[85] 2000-09-20  
[86] 1999-03-22 (PCT/US99/06303)  
[87] 1999-09-30 (WO99/48424)  
[30] US (09/046,369) 1998-03-23

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[21] **2,325,144**  
[13] A1  
[51] **Int.Cl. 6C08F 14/18 6C08F 2/06**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF PARTIALLY FLUORINATED FLUOROPOLYMERS**  
[54] **PROCEDE DE PRODUCTION DE POLYMERES FLUORO-CARBONES PARTIELLEMENT FLUORES**  
[72] SOMMERFELD, CLAUS-DIETER, DE  
[72] HEILIG, GERHARD, DE  
[72] KRUGER, RALF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-09-20  
[86] 1999-03-11 (PCT/EP99/01555)  
[87] 1999-09-30 (WO99/48937)  
[30] DE (198 12 755.3) 1998-03-23

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[21] **2,325,374**  
[13] A1  
[51] **Int.Cl. 7B32B 21/00 7B27N 3/18**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MAKING COMPRESSED WOOD PRODUCT**  
[54] **SYSTEME ET PROCEDE POUR FABRIQUER DES PRODUITS EN BOIS COMPRIME**  
[72] KLEMAREWSKI, ANDRZEJ MAREK, CA  
[71] KLEMAREWSKI, ANDRZEJ MAREK, CA  
[85] 2000-08-31  
[86] 2000-06-21 (PCT/IB00/00885)  
[87] 2000-12-21 ()  
[30] US (60/140,070) 1999-06-21

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[21] **2,325,392**  
[13] A1  
[51] **Int.Cl. 6F02M 65/00 6F02D 41/24**  
[25] EN  
[54] **METHOD FOR ELECTRONICALLY TRIMMING AN INJECTOR**  
[54] **PROCEDE DE COMPENSATION ELECTRONIQUE D'UN DISPOSITIF D'INJECTION**  
[72] HELLMICH, WOLFRAM, DE  
[71] FICHT GMBH & CO. KG, DE  
[85] 2000-09-22  
[86] 1998-10-20 (PCT/EP98/06644)  
[87] 2000-04-13 (WO00/20755)  
[30] DE (198 45 441.4) 1998-10-02

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[21] **2,325,393**  
[13] A1  
[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **SEMI-CONTINUOUS CO-EXTRUDED CATHETER SHAFT**  
[54] **TIGE DE CATHETER COEXTRUDEE SEMI-CONTINUE**  
[72] REN, BROOKE Q., US  
[72] MILLER, PAUL J., IE  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-09-21  
[86] 1999-05-13 (PCT/US99/10559)  
[87] 1999-12-23 (WO99/65556)  
[30] US (09/094,889) 1998-06-15

## Demandes PCT entrant en phase nationale

[21] **2,325,394**  
[13] A1

[51] **Int.Cl. 6E21B 29/06 6E21B 23/00 6E21B 23/01 6E21B 7/06**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR LOCATING A TOOL IN A WELLBORE, A TUBULAR AND A DEVICE FOR THE SYSTEM**  
[54] **SYSTEME ET PROCEDE POUR LOCALISER UN OUTIL DANS UN PUIT DE FORAGE, ET MATERIEL TUBULAIRE ET DISPOSITIF POUR CE SYSTEME**  
[72] SINGLETON, TEME FORREST, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2000-09-21  
[86] 1999-03-23 (PCT/GB99/00918)  
[87] 1999-09-30 (WO99/49178)  
[30] US (09/162,469) 1998-03-23

[21] **2,325,395**  
[13] A1

[51] **Int.Cl. 6C02F 1/52 6C02F 5/02 6C02F 1/42**  
[25] EN  
[54] **METHOD FOR PRECIPITATING OR FLOCCULATING SUBSTANCES OUT OF SOLUTIONS**  
[54] **PROCEDE POUR LA PRECIPITATION OU LA FLOCCULATION DE SUBSTANCES DANS DES SOLUTIONS**  
[72] WALDER, GERHARD, AT  
[72] LEITER, KLAUS, AT  
[71] WALDER, GERHARD, AT  
[71] LEITER, KLAUS, AT  
[85] 2000-09-21  
[86] 1999-03-22 (PCT/EP99/01921)  
[87] 1999-09-30 (WO99/48822)  
[30] EP (98105346.5) 1998-03-24

[21] **2,325,396**  
[13] A1

[51] **Int.Cl. 6C07H 13/04 6A23D 9/007 6C11D 1/04 6A61K 7/075 6A01N 43/16 6A61K 7/50 6C02F 1/68 6A61K 31/70**  
[25] EN  
[54] **SUCROSE-N-ALKYL-ASPARAGINATES, PRODUCTION AND USE THEREOF**  
[54] **A-ALKYLASPARAGINATES DE SACCHAROSE, LEUR PRODUCTION ET LEUR UTILISATION**  
[72] HOPPE, HANS-ULRICH, DE  
[72] KRETZSCHMAR, GERHARD, DE  
[72] BRANDSTETTER, TILMANN, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2000-09-22  
[86] 1999-03-12 (PCT/EP99/01619)  
[87] 1999-09-30 (WO99/48901)  
[30] DE (198 12 661.1) 1998-03-23

[21] **2,325,397**  
[13] A1

[51] **Int.Cl. 6H01M 2/12 6H01M 2/08**  
[25] EN  
[54] **END CAP SEAL ASSEMBLY FOR AN ELECTROCHEMICAL CELL**  
[54] **ENSEMBLE OBTURATEUR DE BOUCHON D'EXTREMITE POUR CELLULE ELECTROCHIMIQUE**  
[72] SARGEANT, SEAN A., US  
[72] GARDNER, WILLIAM H., US  
[72] HESSON, JOHN A., US  
[71] DURACELL INC., US  
[85] 2000-09-22  
[86] 1999-03-22 (PCT/US99/06180)  
[87] 1999-09-30 (WO99/49526)  
[30] US (09/047,264) 1998-03-24

[21] **2,325,399**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00**  
[25] EN  
[54] **MODIFIED NUCLEOTIDES AND METHODS USEFUL FOR NUCLEIC ACID SEQUENCING**  
[54] **NUCLEOTIDES MODIFIEES ET METHODES UTILES POUR LE SEQUENCAGE D'ACIDES NUCLEIQUES**  
[72] SHORT, JAY M., US  
[71] INVITROGEN CORPORATION, US  
[85] 2000-09-21  
[86] 1999-03-23 (PCT/US99/06329)  
[87] 1999-09-30 (WO99/49082)  
[30] US (60/078,969) 1998-03-23

[21] **2,325,400**  
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 47/00 6A61K 31/195 6A61K 47/32**  
[25] EN  
[54] **DEVICE FOR THE TRANSDERMAL DELIVERY OF DICLOFENAC**  
[54] **DISPOSITIF D'APPORT TRANSDERMIQUE DE DICLOFENAC**  
[72] EFFING, JOCHEM J., US  
[72] BECKER, ANJA N., US  
[72] COORS, CARSTEN, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-09-21  
[86] 1999-03-29 (PCT/US99/06779)  
[87] 1999-10-14 (WO99/51212)  
[30] US (60/080,431) 1998-04-02

[21] **2,325,401**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **CELLULAR SIMULTANEOUS VOICE AND DATA TRANSMISSION INCLUDING DIGITAL SIMULTANEOUS VOICE AND DATA (DSVD) MODEM**  
[54] **TRANSMISSION CELLULAIRE SIMULTANEE DE DONNEES ET SIGNAUX VOCAUX UTILISANT UN MODEM DSVD (DIGITAL SIMULTANEOUS VOICE AND DATA)**  
[72] SICHER, ALAN E., CA  
[72] KATINAKIS, NIKOS, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-09-21  
[86] 1999-03-09 (PCT/SE99/00355)  
[87] 1999-09-30 (WO99/49677)  
[30] US (09/047,240) 1998-03-24

[21] **2,325,415**  
[13] A1

[51] **Int.Cl. 6B67D 1/00**  
[25] EN  
[54] **CONTROLLED PRODUCT DISPENSING SYSTEM**  
[54] **SYSTEME CONTROLE DE SOUTIRAGE DE PRODUITS**  
[72] BAKER, CRAIG A., US  
[72] SIMMEL, THOMAS L., US  
[71] BAKER, CRAIG A., US  
[71] SIMMEL, THOMAS L., US  
[85] 2000-09-22  
[86] 1999-04-12 (PCT/US99/07942)  
[87] 1999-11-04 (WO99/55617)  
[30] US (60/083,191) 1998-04-27  
[30] US (09/272,988) 1999-03-20



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[21] **2,325,417**  
[13] A1  
[51] **Int.Cl. 6C07D 403/06 6A61K 31/495**  
[25] EN  
[54] **HALIMIDE, A CYTOTOXIC MARINE NATURAL PRODUCT, AND DERIVATIVES THEREOF**  
[54] **HALIMIDE, PRODUIT MARIN NATUREL CYTOTOXIQUE, ET DERIVES DUDIT PRODUIT**  
[72] CHENG, XING C., US  
[72] FENICAL, WILLIAM, US  
[72] JENSEN, PAUL R., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-09-22  
[86] 1999-03-25 (PCT/US99/06457)  
[87] 1999-09-30 (WO99/48889)  
[30] US (09/047,781) 1998-03-25  
[30] US (09/191,475) 1998-11-12

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[21] **2,325,418**  
[13] A1  
[51] **Int.Cl. 6G01S 7/40**  
[25] EN  
[54] **RADAR RANGEFINDER**  
[54] **TELEMETRE RADAR**  
[72] KOLBLI, BERTRAM, DE  
[72] KONIG, AXEL, DE  
[72] LOKES, PETER, DE  
[72] OHL, THEODOR, DE  
[71] HONEYWELL AG, DE  
[85] 2000-09-22  
[86] 1999-03-23 (PCT/EP99/01979)  
[87] 1999-10-07 (WO99/50686)  
[30] DE (198 13 631.5) 1998-03-27

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[21] **2,325,419**  
[13] A1  
[51] **Int.Cl. 6B21D 51/44 6B21D 22/02 6B65D 17/32**  
[25] EN  
[54] **SHEET-METAL CLOSING LID WITH SLIGHTLY INCLINED SURFACE AREA AND TOOL FOR PRODUCING THE SAME**  
[54] **ZONE SUPERFICIELLE LEGEREMENT INCLINEE DANS UN COUVERCLE DE FERMETURE EN TOLE**  
[72] STRUBE, LUTZ, DE  
[72] HEINECKE, DIETER, DE  
[71] SCHMALBACH-LUBECA AG, DE  
[85] 2000-09-22  
[86] 1999-03-22 (PCT/DE99/00826)  
[87] 1999-09-30 (WO99/48630)  
[30] DE (198 12 671.9) 1998-03-23  
[30] DE (198 33 492.3) 1998-07-24

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[21] **2,325,420**  
[13] A1  
[51] **Int.Cl. 6A61K 9/16 6A61K 9/50 6A61K 9/51**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF MICRO CAPSULES**  
[54] **PROCEDE DE PRODUCTION DE MICROCAPSULES**  
[72] BAYER, UWE, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2000-09-22  
[86] 1999-03-12 (PCT/EP99/01626)  
[87] 1999-09-30 (WO99/48480)  
[30] DE (198 13 011.2) 1998-03-25

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[21] **2,325,421**  
[13] A1  
[51] **Int.Cl. 6H04L 1/00 6H04J 13/02 6H04B 7/26**  
[25] EN  
[54] **SPREAD SPECTRUM COMMUNICATION DEVICE AND SPREAD SPECTRUM COMMUNICATION METHOD**  
[54] **DISPOSITIF DE COMMUNICATION A ETALEMENT DU SPECTRE ET PROCEDE DE COMMUNICATION PAR ETALEMENT DU SPECTRE**  
[72] YANO, YASUHIRO, JP  
[72] MURAI, HIDESHI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-09-22  
[86] 1999-03-05 (PCT/JP99/01073)  
[87] 1999-09-30 (WO99/49609)  
[30] JP (10/080031) 1998-03-26

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[21] **2,325,422**  
[13] A1  
[51] **Int.Cl. 6A61B 19/08 6B65H 35/00 6A61B 19/02**  
[25] EN  
[54] **DISPENSER FOR ROLL OF SURGICAL DRAPE MATERIAL AND METHODS OF USE**  
[54] **DISTRIBUTEUR POUR ROULEAU DE TISSU DE TYPE CHAMPS OPERATOIRES ET PROCEDES D'UTILISATION**  
[72] ROMANKO, KIMBERLY A., US  
[72] ARSENAULT, CATHLEEN M., US  
[72] DRAKE, GERALD E., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-09-22  
[86] 1998-09-14 (PCT/US98/19062)  
[87] 1999-10-07 (WO99/49804)  
[30] US (09/052,400) 1998-03-31

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[21] **2,325,423**  
[13] A1  
[51] **Int.Cl. 6G01S 13/76**  
[25] EN  
[54] **METHOD OF COMMUNICATION BETWEEN A PLURALITY OF REMOTE UNITS AND A CONTROL UNIT**  
[54] **PROCEDE DE COMMUNICATION ENTRE UNE PLURALITE D'UNITES DISTANTES ET UNE UNITE DE COMMANDE**  
[72] MALETSKY, KERRY, US  
[71] ATMEL CORPORATION, US  
[85] 2000-09-22  
[86] 1999-02-02 (PCT/US99/02226)  
[87] 1999-09-30 (WO99/49335)  
[30] US (09/046,374) 1998-03-23

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[21] **2,325,425**  
[13] A1

[51] **Int.Cl. 6H01M 10/40 6H01M 4/02**  
[25] EN  
[54] **TIN ALLOY ELECTRODE COMPOSITIONS FOR LITHIUM BATTERIES**  
[54] **COMPOSITIONS D'ELECTRODE A L'ALLIAGE D'ETAIN DESTINEES A DES BATTERIES AU LITHIUM**  
[72] MCCLURE, DONALD J., US  
[72] TURNER, ROBERT L., US  
[72] BUCKETT, MARY M., US  
[72] DAHN, JEFFERY R., US  
[72] KRAUSE, LARRY J., US  
[72] MAO, OU, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-09-22  
[86] 1998-07-23 (PCT/US98/15295)  
[87] 1999-09-30 (WO99/49532)  
[30] US (09/048,407) 1998-03-26

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[21] **2,325,426**  
[13] A1

[51] **Int.Cl. 6F16K 1/46**  
[25] EN  
[54] **IMPROVED SNAP-ON VALVE GASKET**  
[54] **JOINT DE SOUPE A PRESSION AMELIORE**  
[72] ZIMMERLY, ROBERT D., US  
[71] TRI-CLOVER, INC., US  
[85] 2000-09-22  
[86] 1999-04-01 (PCT/US99/07214)  
[87] 1999-10-14 (WO99/51896)  
[30] US (09/054,177) 1998-04-02

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[21] **2,325,502**  
[13] A1

[51] **Int.Cl. 7F41C 27/00 7H01H 51/00 7G01V 15/00 7G01V 3/12**  
[25] EN  
[54] **MAGNETIC TAG FIREARM SAFETY ENHANCEMENT SYSTEM**  
[54] **SYSTEME A MARQUEUR MAGNETIQUE AMELIORANT LA SECURITE DES ARMES A FEU**  
[72] KINION, KEVIN F., US  
[72] MOSSBERG, JONATHAN E., US  
[72] KLUWE, GEORGE E., US  
[71] ADVANCED ORDNANCE CORPORATION, US  
[85] 2000-09-22  
[86] 2000-01-20 (PCT/US00/01492)  
[87] 2000-08-24 (WO00/49360)  
[30] US (09/237,171) 1999-01-25

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[21] **2,325,526**  
[13] A1

[51] **Int.Cl. 6C07D 209/96 6A01N 43/08 6C07D 491/10 6A01N 43/10 6A01N 43/12 6C07D 307/24 6C07D 309/28 6A01N 43/36 6C07D 207/40 6A01N 43/42 6C07D 333/50 6C07C 49/733 6C07C 49/747 6C07C 49/88 6C07D 307/94**  
[25] EN  
[54] **ARYL PHENYL SUBSTITUTED CYCLIC KETOENOLS**  
[54] **CETOENOLS CYCLIQUES A SUBSTITUTION ARYLPHENYLE**  
[72] DREWES, MARK WILHELM, DE  
[72] WETCHOLOWSKY, INGO, BR  
[72] MYERS, RANDY ALLEN, DE  
[72] DOLLINGER, MARKUS, US  
[72] LIEB, FOLKER, DE  
[72] ANDERSCH, WOLFRAM, DE  
[72] GRAFF, ALAN, DE  
[72] FISCHER, REINER, DE  
[72] SCHNEIDER, UDO, DE  
[72] ERDELEN, CHRISTOPH, DE  
[72] BRETSCHNEIDER, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-09-22  
[86] 1999-03-18 (PCT/EP99/01787)  
[87] 1999-09-30 (WO99/48869)  
[30] DE (198 13 354.5) 1998-03-26

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[21] **2,325,527**  
[13] A1

[51] **Int.Cl. 6G06K 7/10**  
[25] EN  
[54] **AUTOMATED SYSTEM AND METHOD FOR IDENTIFYING AND MEASURING PACKAGES TRANSPORTED THROUGH A LASER SCANNING TUNNEL**  
[54] **SYSTEME ET PROCEDE AUTOMATISES D'IDENTIFICATION ET DE MESURE DE CONDITIONNEMENTS TRANSPORTES A TRAVERS UN TUNNEL DE LECTURE LASER**  
[72] AMUNDSEN, THOMAS, US  
[72] SCOTT, IAN A., US  
[72] GERMAINE, GENNADY, US  
[72] DEHENNIS, ANDREW D., US  
[72] KNOWLES, CARL HARRY, US  
[72] COLAVITO, STEPHEN J., US  
[72] GOOD, TIMOTHY A., US  
[72] DICKSON, LEROY, US  
[72] ZHU, XIAOXUN, US  
[72] WILZ, DAVID M., US  
[72] KOLIS, GEORGE, US  
[72] ROCKSTEIN, GEORGE B., US  
[72] GHOSH, SANKAR, US  
[72] AU, KA MAN, US  
[72] BLAKE, ROBERT E., US  
[71] METROLOGIC INSTRUMENTS, INC., US  
[85] 2000-09-22  
[86] 1999-03-24 (PCT/US99/06505)  
[87] 1999-09-30 (WO99/49411)  
[30] US (09/047,146) 1998-03-24  
[30] US (09/157,778) 1998-09-21  
[30] US (09/274,265) 1999-03-22

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[21] **2,325,528**  
[13] A1

[51] **Int.Cl. 6B29C 71/04 6B29D 11/00 6G02B 6/18**  
[25] EN  
[54] **METHOD FOR PRODUCING GRADIENT INDEX REFRACTION INDEX PROFILES IN POLYMER OPTICAL FIBRES**  
[54] **PROCEDE POUR PRODUIRE DES PROFILES D'INDICE DE REFRACTION A GRADIENT D'INDICE DANS DES FIBRES OPTIQUES POLYMERES**  
[72] FRANK, WERNER, DE  
[72] KAUFHOLD, JURGEN, DE  
[72] ZIEMANN, OLAF, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 2000-09-22  
[86] 1999-04-30 (PCT/EP99/02954)  
[87] 1999-11-25 (WO99/59803)  
[30] DE (198 22 684.5) 1998-05-20

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<p style="text-align: right;">[21] <b>2,325,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61D 45/00</b> [25] EN [54] <b>PANEL FASTENER AND RETAINER DEVICE</b> [54] <b>FIXATION DE PANNEAU ET DISPOSITIF DE MAINTIEN</b> [72] SOKURENKO, WILLIAM E., US [72] HYP, ERIC D., US [72] PINKOW, CHRISTOPHER J., US [72] GOHAM, THOMAS D., US [72] WIEDMANN, WILLIAM A., US [72] TIEU, LOC B., US [71] SOUTHCO, INC., US [85] 2000-09-22 [86] 1999-03-18 (PCT/US99/05865) [87] 1999-09-30 (WO99/48740) [30] US (09/046,088) 1998-03-23 [30] US (09/168,407) 1998-10-08 [30] US (09/195,377) 1998-11-18 [30] US (09/256,183) 1999-02-24</p>	<p style="text-align: right;">[21] <b>2,325,532</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21M 1/00 6F21V 29/00 6F21V 9/04</b> [25] EN [54] <b>SURGICAL LIGHT APPARATUS WITH IMPROVED COOLING</b> [54] <b>APPAREIL D'ECLAIRAGE CHIRURGICAL A REFROIDISSEMENT AMELIORE</b> [72] TAFT, MICHAEL A., US [72] BULKO, JOHN M., US [72] YEANEY, GERALD L., US [71] HILL-ROM, INC., US [85] 2000-09-25 [86] 1999-03-19 (PCT/US99/05920) [87] 1999-10-07 (WO99/50590) [30] US (60/079,667) 1998-03-27 [30] US (09/050,529) 1998-03-30</p>	<p style="text-align: right;">[21] <b>2,325,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 23/64 6H01L 23/522</b> [25] EN [54] <b>AN INDUCTANCE DEVICE</b> [54] <b>DISPOSITIF D'INDUCTANCE</b> [72] LEWIN, PER THOMAS, SE [72] ZHOU, SHU-ANG, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-09-22 [86] 1999-03-23 (PCT/SE99/00455) [87] 1999-09-30 (WO99/49513) [30] SE (9800989-7) 1998-03-24</p>
<p style="text-align: right;">[21] <b>2,325,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b> [25] EN [54] <b>INHALATION DEVICE</b> [54] <b>DISPOSITIF INHALATEUR</b> [72] DAGSLAND, ALLAN, SE [71] ASTRAZENECA AB, SE [85] 2000-09-25 [86] 1999-03-30 (PCT/SE99/00529) [87] 1999-10-07 (WO99/49918) [30] SE (9801114-1) 1998-03-30</p>	<p style="text-align: right;">[21] <b>2,325,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06F 43/00 6D06F 37/28 6D06F 37/30</b> [25] EN [54] <b>CLEANING APPARATUS</b> [54] <b>APPAREIL DE NETTOYAGE</b> [72] ROMACK, TIMOTHY J., US [72] GRAKAUSKAS, KENNETH, US [72] MCCLAIN, JAMES B., US [72] SCHREBE, GARY, US [71] MICELL TECHNOLOGIES, INC., US [85] 2000-09-22 [86] 1999-03-23 (PCT/US99/06383) [87] 1999-09-30 (WO99/49122) [30] US (09/047,013) 1998-03-24</p>	<p style="text-align: right;">[21] <b>2,325,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 11/06</b> [25] EN [54] <b>METHOD FOR THE CONTINUOUS CASTING OF A THIN STRIP AND DEVICE FOR CARRYING OUT SAID METHOD</b> [54] <b>PROCEDE DE COULEE CONTINUE D'UNE BANDE MINCE ET DISPOSITIF CORRESPONDANT</b> [72] ECKERSTORFER, GERALD, AT [72] HOHENBICHLER, GERALD, AT [71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT [71] ACCIAI SPECIALI TERNI S.P.A., IT [85] 2000-09-22 [86] 1999-02-26 (PCT/EP99/01249) [87] 1999-09-30 (WO99/48635) [30] AT (A 533/98) 1998-03-25</p>
<p style="text-align: right;">[21] <b>2,325,531</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 7/00 7B41F 33/00</b> [25] EN [54] <b>VARIABLE PRINTING SYSTEM AND METHOD WITH OPTICAL FEEDBACK</b> [54] <b>SYSTEME ET PROCEDE D'IMPRESSION VARIABLE A REGULATION OPTIQUE</b> [72] MOSCATO, ANTHONY, US [72] DEJOSEPH, ANTHONY B., US [72] GRAZIANO, MICHAEL A., US [72] COLLINS, TIMOTHY D., US [72] BRIDON, STEVEN R., US [71] MOORE NORTH AMERICA, INC., US [85] 2000-09-25 [86] 2000-02-08 (PCT/US00/03113) [87] 2000-08-17 (WO00/48127) [30] US (09/246,736) 1999-02-09</p>	<p style="text-align: right;">[21] <b>2,325,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 7/02 6A61F 13/15 6B32B 5/26</b> [25] EN [54] <b>ELASTIC MEMBER AND DISPOSABLE GARMENT HAVING IMPROVED STRENGTH AGAINST STRESS APPLIED DURING USE</b> [54] <b>ELEMENT ELASTIQUE ET VETEMENT JETABLE PRESENTANT UNE RESISTANCE AMELIOREE AUX CONTRAINTES EXERCEES EN COURS D'UTILISATION</b> [72] WANG, LIN, JP [72] REZAI, EBRAHIM, JP [72] CHO, EUI-BOO, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-09-25 [86] 1998-03-26 (PCT/US98/05896) [87] 1999-09-30 (WO99/48681)</p>	<p style="text-align: right;">[21] <b>2,325,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04 6H04Q 3/00</b> [25] EN [54] <b>RESOURCE INTERFACE UNIT FOR TELECOMMUNICATIONS SWITCHING NODE</b> [54] <b>UNITE INTERFACE DE RESSOURCES POUR NOEUD DE COMMUTATION DE TELECOMMUNICATIONS</b> [72] NOONAN, MICHAEL E., US [71] EXCEL SWITCHING CORPORATION, US [85] 2000-09-25 [86] 1999-06-03 (PCT/US99/12421) [87] 1999-12-16 (WO99/65268) [30] US (09/093,583) 1998-06-08</p>

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<p style="text-align: right;">[21] <b>2,325,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/06 6H01F 5/00</b> [25] EN [54] <b>THREE-AXIS COIL SENSOR</b> [54] <b>CAPTEUR A BOBINE MAGNETIQUE TROIS AXES</b> [72] ACKER, DAVID E., US [71] BIOSENSE INC., US [85] 2000-09-22 [86] 1999-03-22 (PCT/US99/06256) [87] 1999-10-07 (WO99/49783) [30] US (60/079,858) 1998-03-30</p>	<p style="text-align: right;">[21] <b>2,325,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/44</b> [25] EN [54] <b>MULTI-TIERED INCREMENTAL SOFTWARE UPDATING</b> [54] <b>MISE A JOUR DE LOGICIELS PAR INCREMENT A PLUSIEURS NIVEAUX</b> [72] WALDIN, RAY SOON JR., US [72] NACHENBERG, CAREY, US [71] SYMANTEC CORPORATION, US [85] 2000-09-25 [86] 1999-03-25 (PCT/US99/06619) [87] 1999-09-30 (WO99/49391) [30] US (09/047,949) 1998-03-25</p>	<p style="text-align: right;">[21] <b>2,325,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45D 40/00</b> [25] EN [54] <b>DEVICE FOR SINGLE COSMETIC APPLICATION</b> [54] <b>APPLICATEUR DE COSMETIQUE A APPLICATION UNIQUE</b> [72] GERBRON, JACQUES A., FR [72] FINOCCHIARO, SYLVIE A., US [71] COTY INC., US [85] 2000-09-25 [86] 1999-03-16 (PCT/US99/05600) [87] 1999-09-30 (WO99/48402) [30] US (60/079,243) 1998-03-25 [30] US (09/143,225) 1998-08-28</p>
<p style="text-align: right;">[21] <b>2,325,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 315/00 6A61K 31/22 6A61K 31/35</b> [25] EN [54] <b>ACID LABILE PRODRUGS</b> [54] <b>BIOPRECURSEUR A BASE D'ACIDE INSTABLE</b> [72] ARAD-YELLIN, RINA, IL [72] EILAT, ERAN, IL [71] ARAD-YELLIN, RINA, IL [71] EILAT, ERAN, IL [85] 2000-09-25 [86] 1999-01-20 (PCT/IB99/00087) [87] 1999-07-29 (WO99/37634) [30] US (09/010,030) 1998-01-21</p>	<p style="text-align: right;">[21] <b>2,325,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 1/62 6C03B 9/00 6C03B 11/00 6C03B 13/00 6C03B 15/00 6C03B 17/00 6C03B 18/00 6C03B 19/00 6H01J 63/04</b> [25] EN [54] <b>CHANNELED GLASS ARTICLE AND METHOD THEREFOR</b> [54] <b>ARTICLE EN VERRE MUNI DE CANAUX ET PROCEDE LE CONCERNANT</b> [72] ALLEN, STEPHEN R., US [71] CORNING INCORPORATED, US [85] 2000-09-25 [86] 1999-02-08 (PCT/US99/02532) [87] 1999-09-10 (WO99/45557) [30] US (60/076,968) 1998-03-05</p>	<p style="text-align: right;">[21] <b>2,325,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 33/76</b> [25] EN [54] <b>APPARATUS FOR REMOVING MATERIAL FROM A PRESSURISED FILTER</b> [54] <b>APPAREIL D'ELIMINATION DE MATIERE D'UN FILTRE SOUS PRESSION</b> [72] VILO, JAAKKO, FI [71] OUTOKUMPU OYJ, FI [85] 2000-09-22 [86] 1999-03-29 (PCT/FI99/00258) [87] 1999-10-07 (WO99/49951) [30] FI (980713) 1998-03-30</p>
<p style="text-align: right;">[21] <b>2,325,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21M 1/00</b> [25] EN [54] <b>TASK LIGHT FOR A SURGICAL LIGHT APPARATUS</b> [54] <b>ECLAIRAGE DIRECT POUR APPAREIL D'ECLAIRAGE CHIRURGICAL</b> [72] BORDERS, RICHARD L., US [72] COON, DENNIS C., US [71] HILL-ROM, INC., US [85] 2000-09-25 [86] 1999-03-19 (PCT/US99/06002) [87] 1999-10-07 (WO99/50591) [30] US (60/079,667) 1998-03-27 [30] US (09/050,576) 1998-03-30</p>	<p style="text-align: right;">[21] <b>2,325,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/36</b> [25] EN [54] <b>CORNEAL HEAT AND STRETCH METHOD AND APPARATUS</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE CHAUFFER ET D'ETIRER LA CORNEE</b> [72] STANLEY, H., MARK III, US [71] PROTEUS THERAPEUTICS, INC., US [85] 2000-09-22 [86] 1999-03-12 (PCT/US99/05422) [87] 1999-10-21 (WO99/52460) [30] US (09/058,334) 1998-04-10</p>	<p style="text-align: right;">[21] <b>2,325,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/02 6H03M 1/06 6H04B 1/10</b> [25] EN [54] <b>DITHER NOISE SOURCE WITH NOTCHED FREQUENCY SPECTRUM</b> [54] <b>SOURCE DE BRUIT DE SUPERPOSITION A SPECTRE DE FREQUENCES DISCONTINU</b> [72] WHIKEHART, J. WILLIAM, US [72] ALTMAYER, TERRY ROBERT, US [71] FORD MOTOR COMPANY, US [85] 2000-09-25 [86] 1999-03-16 (PCT/GB99/00790) [87] 1999-09-30 (WO99/49381) [30] US (09/048,223) 1998-03-26</p>

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[21] **2,325,550**  
[13] A1

[51] **Int.Cl. 6A61K 47/24 6A61K 9/127 6A61K 47/18 6A61K 31/70**  
[25] EN  
[54] **REMEDIES FOR HEPATITIS**  
[54] **NOUVEAUX REMEDES CONTRE L'HEPATITE**  
[72] SEKI, JUNZO, JP  
[72] HIRABAYASHI, KAZUKO, JP  
[71] NIPPON SHINYAKU CO., LTD., JP  
[85] 2000-09-22  
[86] 1999-03-23 (PCT/JP99/01438)  
[87] 1999-09-30 (WO99/48531)  
[30] JP (HEI-10/76,055) 1998-03-24

[21] **2,325,551**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 9/12 6A61K 31/135**  
[25] EN  
[54] **IMPROVED CRYSTAL STRUCTURE**  
[54] **STRUCTURE CRISTALLINE AMELIOREE**  
[72] MARRIOTT, CHRISTOPHER, GB  
[72] MARTIN, GARY PETER, GB  
[72] ZENG, XIAN MING, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-09-22  
[86] 1999-03-24 (PCT/EP99/01966)  
[87] 1999-09-30 (WO99/48475)  
[30] GB (9806477.7) 1998-03-26

[21] **2,325,552**  
[13] A1

[51] **Int.Cl. 6C08G 18/10 6C09D 175/08 6C09J 175/08 6C08G 18/30 6C08G 18/48**  
[25] EN  
[54] **POLYURETHANE AND PREPARATION CONTAINING POLYURETHANE**  
[54] **POLYURETHANE ET PREPARATION CONTENANT DU POLYURETHANE**  
[72] DUHM, LYDIA, DE  
[72] MAJOLO, MARTIN, DE  
[72] KLAUCK, WOLFGANG, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2000-09-25  
[86] 1999-03-17 (PCT/EP99/01728)  
[87] 1999-09-30 (WO99/48942)  
[30] DE (198 13 202.6) 1998-03-25

[21] **2,325,553**  
[13] A1

[51] **Int.Cl. 6A61K 31/135 6A61K 9/00 6A61K 9/70**  
[25] EN  
[54] **TOPICAL FORMULATIONS FOR THE TREATMENT OF NAIL FUNGAL DISEASES**  
[54] **FORMULATIONS TOPIQUES DESTINEES AU TRAITEMENT DES MYCOSES UNGUEALES**  
[72] BUCKS, DANIEL, US  
[72] CHIM, MING FAI, US  
[72] CHAUDHURI, BHASKAR, US  
[71] BERTEK PHARMACEUTICALS INC., US  
[85] 2000-09-22  
[86] 1999-04-09 (PCT/US99/07774)  
[87] 1999-10-28 (WO99/53913)  
[30] US (60/082,187) 1998-04-17

[21] **2,325,555**  
[13] A1

[51] **Int.Cl. 6B22C 7/00 6B32B 31/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ASSEMBLING A PAIR OF MEMBERS**  
[54] **PROCEDE ET APPAREIL D'ASSEMBLAGE D'UNE PAIRE D'ELEMENTS**  
[72] HAMMIS, JAMES F., US  
[71] CENTENNIAL TECHNOLOGIES, INC., US  
[85] 2000-09-25  
[86] 1999-03-18 (PCT/US99/05932)  
[87] 1999-10-14 (WO99/51378)  
[30] US (09/054,089) 1998-04-02

[21] **2,325,557**  
[13] A1

[51] **Int.Cl. 6G01L 11/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ATTACHING A LOAD INDICATING DEVICE TO A FASTENER**  
[54] **APPAREIL ET PROCEDE DE FIXATION D'UN INDICATEUR DE CHARGE A UN ELEMENT DE BOULONNERIE**  
[72] WAXMAN, CORY, US  
[71] CLARKE, PHILOMENA J., US  
[71] CLARKE, RONALD C., US  
[85] 2000-09-25  
[86] 1999-03-25 (PCT/US99/06612)  
[87] 1999-09-30 (WO99/49289)  
[30] US (60/079,460) 1998-03-26

[21] **2,325,687**  
[13] A1

[51] **Int.Cl. 6D21F 1/32**  
[25] EN  
[54] **DEVICE FOR CLEANING A PAPER MACHINE WIRE WEB**  
[54] **DISPOSITIF DE NETTOYAGE D'UNE TOILE DE MACHINE A PAPIER**  
[72] GREGERSEN, MATTHEW, US  
[72] PULKOWSKI, JEFFREY, US  
[71] BELOIT TECHNOLOGIES, INC., US  
[85] 2000-09-25  
[86] 1998-09-01 (PCT/US98/18060)  
[87] 1999-04-29 (WO99/20831)  
[30] US (08/955,011) 1997-10-20

[21] **2,325,688**  
[13] A1

[51] **Int.Cl. 6C08F 8/22 6C08L 27/06 6C08L 27/24**  
[25] EN  
[54] **BLOCKY CHLORINATED POLYOLEFINS, PROCESS FOR MAKING AND USE AS IMPACT MODIFIER COMPATIBILIZER FOR PVC OR CPVC**  
[54] **POLYOLEFINES CHLOREES EN BLOC, PROCEDE DE FORMATION ET D'UTILISATION EN TANT QU'AGENT DE COMPATIBILITE MODIFIANT-CHOC POUR PVC OU CPVC**  
[72] LEPILLEUR, CAROLE ANGELE, US  
[72] CINADR, BERNARD FRANK, US  
[72] SCHMITZ, THEODORE JOSEPH, US  
[72] DETTERMAN, ROBERT EDWIN, US  
[72] BACKMAN, ARTHUR LEONARD, US  
[71] THE B.F. GOODRICH COMPANY, US  
[85] 2000-09-25  
[86] 1999-03-18 (PCT/US99/05896)  
[87] 1999-10-07 (WO99/50316)  
[30] US (09/052,573) 1998-03-31

[21] **2,325,689**  
[13] A1

[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **SUBSTITUTED AROMATIC COMPOUNDS FOR TREATMENT OF ANTIBIOTIC RESISTANT INFECTIONS**  
[54] **COMPOSES AROMATIQUES SUBSTITUES POUR LE TRAITEMENT D'INFECTIONS RESISTANT AUX ANTIBIOTIQUES**  
[72] ELLIS, WILLIAM Y., US  
[71] DEPARTMENT OF THE ARMY, U.S. GOVERNMENT, US  
[85] 2000-09-25  
[86] 1999-03-25 (PCT/US99/06494)  
[87] 1999-09-30 (WO99/48461)  
[30] US (60/079,383) 1998-03-26

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[21] **2,325,691**  
[13] A1  
[51] **Int.Cl. 6H02M 7/515 6A23L 3/00**  
[25] EN  
[54] **A HIGH-VOLTAGE PULSE GENERATOR**  
[54] **GENERATEUR D'IMPULSIONS HAUTE TENSION**  
[72] QUI, XIANGXIAO, US  
[72] ZHANG, QINGHUA HOWARD, US  
[71] THE OHIO STATE RESEARCH FOUNDATION, US  
[85] 2000-09-25  
[86] 1999-03-24 (PCT/US99/06407)  
[87] 1999-09-30 (WO99/49561)  
[30] US (60/079,214) 1998-03-24

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[21] **2,325,692**  
[13] A1  
[51] **Int.Cl. 6C08J 9/06**  
[25] EN  
[54] **FOAMED POLYMER-FIBER COMPOSITE**  
[54] **COMPOSITE DE POLYMER-FIBRE MOUSSE**  
[72] STUCKY, DAVID J., US  
[72] ELINSKI, RANDALL, US  
[71] CERTAINTED CORPORATION, US  
[85] 2000-09-25  
[86] 1999-04-01 (PCT/US99/07312)  
[87] 1999-10-14 (WO99/51425)  
[30] US (09/055,098) 1998-04-03

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[21] **2,325,693**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36**  
[25] EN  
[54] **IMPLEMENTATION OF MULTIPLE SIMULTANEOUS CALLS IN A MOBILE COMMUNICATION SYSTEM**  
[54] **MISE EN OEUVRE D'APPELS SIMULTANES MULTIPLES DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] RASANEN, JUHA, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-09-25  
[86] 1999-04-08 (PCT/FI99/00294)  
[87] 1999-10-21 (WO99/53704)  
[30] FI (980828) 1998-04-09

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[21] **2,325,695**  
[13] A1  
[51] **Int.Cl. 6C10M 159/12 6C10M 177/00 6C10M 137/10 6C10M 135/18**  
[25] EN  
[54] **LUBRICATING OIL CONTAINING AN ADDITIVE COMPRISING THE REACTION PRODUCT OF MOLYBDENUM DITHIOCARBAMATE AND METAL DIHYDROCARBYL DITHIOPHOSPHATE**  
[54] **HUILE LUBRIFIANTE CONTENANT UN ADDITIF COMPORTANT LE PRODUIT DE REACTION DU DITHIOCARBAMATE DE MOLYBDENE ET DU DITHIOPHOSPHATE DE DIHYDROCARBYLE METALLIQUE**  
[72] LETA, DANIEL PAUL, US  
[72] POLLIZZOTTI, RICHARD S., US  
[72] CAMERON, STEPHEN D., US  
[72] VRAHOPOULOU, ELISAVET P., US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-09-25  
[86] 1998-03-26 (PCT/US98/05907)  
[87] 1999-09-30 (WO99/49005)

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[21] **2,325,696**  
[13] A1  
[51] **Int.Cl. 6B32B 7/02 6A61F 13/15 6B32B 5/26**  
[25] EN  
[54] **ELASTIC MEMBER AND DISPOSABLE GARMENT HAVING IMPROVED FITNESS TO BODY DURING ENTIRE USE**  
[54] **ELEMENT ELASTIQUE ET VETEMENT JETABLE S'ADAPTANT AU CORPS DE MANIERE PERFECTIONNEE PENDANT TOUTE LA DUREE D'UTILISATION**  
[72] REZAI, EBRAHIM, JP  
[72] WANG, LIN, JP  
[72] CHO, EUI-BOO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-09-25  
[86] 1998-03-26 (PCT/US98/05895)  
[87] 1999-09-30 (WO99/48680)

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[21] **2,325,697**  
[13] A1  
[51] **Int.Cl. 6G01S 7/295**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MEASURING RADAR REFLECTIVITY AND DOPPLER SHIFT BY MEANS OF A PULSE RADAR**  
[54] **PROCEDE ET SYSTEME DE MESURE DE LA REFLECTIVITE RADAR ET DU DECALAGE DOPPLER AU MOYEN D'UN RADAR A IMPULSIONS**  
[72] LEHTINEN, MARKKU SAKARI, FI  
[71] LEHTINEN, MARKKU SAKARI, FI  
[85] 2000-09-25  
[86] 1999-03-25 (PCT/FI99/00246)  
[87] 1999-09-30 (WO99/49332)  
[30] FI (980677) 1998-03-26

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[21] **2,325,698**  
[13] A1  
[51] **Int.Cl. 6D21H 23/22 6B05C 11/10**  
[25] EN  
[54] **A COATING APPARATUS FOR APPLYING COATING MATERIAL**  
[54] **DISPOSITIF POUR APPLIQUER UN MATERIAU DE REVETEMENT**  
[72] URSCHER, ROBERT, CH  
[71] BELOIT TECHNOLOGIES, INC., US  
[85] 2000-09-25  
[86] 1998-02-27 (PCT/US98/04008)  
[87] 1998-10-08 (WO98/44200)  
[30] US (08/829,279) 1997-03-31

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[21] **2,325,711**  
[13] A1  
[51] **Int.Cl. 7G02B 6/28 7H04J 14/02**  
[25] EN  
[54] **APPARATUS FOR HOLDING AND TUNING A THIN-FILM OPTICAL ASSEMBLY**  
[54] **DISPOSITIF DE MAINTIEN ET DE REGLAGE D'UN ENSEMBLE OPTIQUE A FILM MINCE**  
[72] XU, JING-YU, US  
[71] CHORUM TECHNOLOGIES, INC., US  
[85] 2000-09-25  
[86] 2000-01-05 (PCT/US00/00195)  
[87] 2000-07-20 (WO00/42460)  
[30] US (09/227,064) 1999-01-05

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,325,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16C 13/00</b> [25] EN [54] <b>CONTROLLED DEFLECTION ROLL</b> [54] <b>ROULEAU DE DEVIATION COMMANDE</b> [72] KRAMER, GERALD J., US [72] BROWN, DALE A., US [71] BELOIT TECHNOLOGIES, INC., US [85] 2000-09-25 [86] 1998-07-22 (PCT/US98/15192) [87] 1999-02-25 (WO99/09330) [30] US (08/911,228) 1997-08-15</p>	<p style="text-align: right;">[21] <b>2,325,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01G 9/00 6H01G 9/20</b> [25] EN [54] <b>METHOD FOR MAKING A PHOTOVOLTAIC CELL CONTAINING A DYE</b> [54] <b>PROCEDE DE PRODUCTION D'UNE CELLULE PHOTOVOLTA?QUE CONTENANT UN COLORANT</b> [72] MIDDELMAN, ERIK, NL [72] SCHROPP, RUDOLF EMMANUEL ISIDORE, NL [72] SALAFSKY, JOSHUA SAMUEL, NL [71] AKZO NOBEL N.V., NL [85] 2000-09-25 [86] 1999-03-19 (PCT/EP99/01898) [87] 1999-09-30 (WO99/49483) [30] EP (98200940.9) 1998-03-26</p>	<p style="text-align: right;">[21] <b>2,325,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 8/06</b> [25] EN [54] <b>PROCESS FOR PRODUCING PAINTABLE POLYMERIC ARTICLES</b> [54] <b>PROCEDE DE PRODUCTION D'ARTICLES POLYMERES POUVANT ETRE PEINTS</b> [72] BEHOLZ, LARS GUENTER, US [71] BEHOLZ TECHNOLOGY, L.L.C., US [85] 2000-09-25 [86] 1999-03-24 (PCT/US99/06270) [87] 1999-09-30 (WO99/48933) [30] US (09/048,609) 1998-03-26 [30] US (09/196,608) 1998-11-03</p>
<p style="text-align: right;">[21] <b>2,325,725</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 9/00 6C10G 19/067 6C10G 9/34</b> [25] EN [54] <b>CONVERSION OF HEAVY PETROLEUM OILS TO COKE WITH A MOLTEN ALKALI METAL HYDROXIDE</b> [54] <b>TRANSFORMATION D'HUILES LOURDES DE PETROLE EN COKE A L'AIDE D'UN HYDROXYDE METALLIQUE ALCALIN FONDU</b> [72] GILLESPIE, THOMAS E., US [72] OHSOL, ERNEST O., US [72] LAITY, THOMAS H., US [72] PINKERTON, JOHN W., US [71] UNIPURE CORPORATION, US [85] 2000-09-25 [86] 1999-03-10 (PCT/US99/05236) [87] 1999-09-30 (WO99/49000) [30] US (09/048,194) 1998-03-25</p>	<p style="text-align: right;">[21] <b>2,325,730</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/00 6H04B 10/08 6G01J 3/28</b> [25] EN [54] <b>IMPROVED PERFORMANCE GAIN FLATTENED EDFA</b> [54] <b>CARACTERISTIQUES DE FONCTIONNEMENT AMELIOREES D'UN AMPLIFICATEUR A FIBRE DOPE A L'ERBIUM</b> [72] YADLOWSKY, MICHAEL J., US [71] CORNING INCORPORATED, US [85] 2000-09-25 [86] 1999-02-09 (PCT/US99/02694) [87] 1999-10-07 (WO99/50938) [30] US (60/080,127) 1998-03-31</p>	<p style="text-align: right;">[21] <b>2,325,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16J 15/32</b> [25] EN [54] <b>HUB SEAL WITH MACHINABLE THRUST RING AND LAY-DOWN SEALING LIP</b> [54] <b>GARNITURE DE MOYEU POURVUE D'UNE BAGUE DE POUSSEE USINABLE ET D'UNE LEVRE D'ETANCHEITE DEFORMABLE</b> [72] LOVETT, LEON C., US [72] WINN, LAWRENCE B., US [72] COX, JON A., US [72] GOLD, MARK N., US [71] STEMCO, INC., US [85] 2000-09-25 [86] 1999-03-24 (PCT/US99/06482) [87] 1999-09-30 (WO99/49243) [30] US (09/048,379) 1998-03-26</p>
<p style="text-align: right;">[21] <b>2,325,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/64</b> [25] EN [54] <b>ION MOBILITY SPECTROMETER</b> [54] <b>SPECTROMETRE DE MOBILITE IONIQUE</b> [72] ERTL, HARALD, DE [72] WAGNER, CHRISTOPH, DE [72] BREIT, ULRICH, DE [72] GOBEL, JOHANN, DE [71] DAIMLERCHRYSLER AG, DE [85] 2000-09-25 [86] 1999-04-01 (PCT/DE99/00993) [87] 1999-10-14 (WO99/51979) [30] DE (198 15 436.4) 1998-04-07</p>	<p style="text-align: right;">[21] <b>2,325,731</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/005 6H04Q 7/38</b> [25] EN [54] <b>METHOD FOR PROTECTING POWER CONTROL COMMANDS USED FOR UPLINK POWER CONTROL</b> [54] <b>METHODE DE PROTECTION DES COMMANDES DE REGLAGE DE PUISSANCE UTILISEE POUR LE REGLAGE DE PUISSANCE VERS L'AMONT</b> [72] KNUTSSON, JENS, SE [72] PERSSON, MAGNUS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-09-25 [86] 1999-04-01 (PCT/SE99/00548) [87] 1999-10-21 (WO99/53630) [30] US (09/057,792) 1998-04-09</p>	<p style="text-align: right;">[21] <b>2,325,735</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/17 6A61K 35/26</b> [25] EN [54] <b>APPLICATION OF HSP70 PROTEINS</b> [54] <b>UTILISATION DE PROTEINES HSP70</b> [72] MULTHOFF, GABRIELE, DE [71] MULTHOFF, GABRIELE, DE [85] 2000-09-25 [86] 1999-03-29 (PCT/EP99/02165) [87] 1999-10-07 (WO99/49881) [30] DE (198 13 760.5) 1998-03-27 [30] EP (PCT/EP99/02056) 1999-03-26</p>

## Demandes PCT entrant en phase nationale

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[21] **2,325,736**

[13] A1

[51] **Int.Cl. 6C07D 313/08 6C07D 405/04  
6C07D 409/04 6C07D 337/08 6C07D 223/  
16 6C07C 279/22 6A61K 31/335**

[25] EN

[54] **GUANIDINE DERIVATIVES**

[54] **DERIVES DE GUANIDINE**

[72] INOUE, YOSHIKAZU, JP

[72] TAKENAKA, KOHEI, JP

[72] AKAHANE, ATSUSHI, JP

[72] MINAGAWA, MASATOSHI, JP

[71] FUJISAWA PHARMACEUTICAL  
CO., LTD., JP

[85] 2000-09-25

[86] 1999-04-19 (PCT/JP99/02088)

[87] 1999-11-04 (WO99/55690)

[30] AU (PP 3171) 1998-04-24

[30] AU (PP 8311) 1999-01-25

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[21] **2,325,862**

[13] A1

[51] **Int.Cl. 6G06T 17/00 6G06T 17/50**

[25] EN

[54] **METHOD FOR REPRESENTING  
GEOMETRIC SHAPES AND  
GEOMETRIC STRUCTURES IN  
COMPUTER GRAPHICS**

[54] **PROCEDE DE REPRESENTATION  
DE FORMES ET DE STRUCTURES  
GEOMETRIQUES DANS DES  
GRAPHIQUES INFORMATIQUES**

[72] NORDHAGEN, ELSE, NO

[72] QUAK, EWALD, NO

[72] DOKKEN, TOR, NO

[72] KASA, JOHANNES, NO

[71] THE MOBILE MEDIA COMPANY AS,  
NO

[85] 2000-06-29

[86] 1998-12-29 (PCT/NO98/00390)

[87] 1999-07-08 (WO99/34335)

[30] NO (19976159) 1997-12-30

[30] NO (19981611) 1998-04-07



## **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

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[21] **2,319,884**  
[13] A1  
[51] **Int.Cl. 7A47C 3/40 7A47C 3/30**  
[25] EN  
[54] **PNEUMATIC SUPPORT COLUMN FOR A CHAIR**  
[54] **COLONNE A SUPPORT PNEUMATIQUE POUR UNE CHAISE**  
[72] CHADWICK, DONALD, US  
[72] SCHOENFELDER, RODNEY C., US  
[72] MILES, GEORGE A., US  
[72] STUMPF, WILLIAM E., US  
[71] HERMAN MILLER, INC., US  
[22] 1993-06-15  
[43] 1993-12-23  
[62] 2,136,967  
[30] US (07/898,907) 1992-06-15

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[21] **2,324,848**  
[13] A1  
[51] **Int.Cl. 7C07D 213/64**  
[25] EN  
[54] **METHOD OF MAKING CAMPTOTHECIN AND CAMPTOTHECIN ANALOGS**  
[54] **METHODE DE PREPARATION DE CAMPTOTHECINE ET D'ANALOGUES DE CELLE-CI**  
[72] BAEVSKY, MATTHEW F., US  
[72] COMINS, DANIEL L., US  
[71] NORTH CAROLINA STATE UNIVERSITY, US  
[22] 1991-12-18  
[43] 1992-07-09  
[62] 2,214,037  
[30] US (632,970) 1990-12-20

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[21] **2,324,959**  
[13] A1  
[51] **Int.Cl. 7C07D 209/48 7C07C 213/00 7C07D 401/02 7C07D 403/02 7C07D 405/02 7C07D 409/02 7C07D 413/02 7C07D 417/02 7C07D 295/13 7C07D 215/14 7C07D 333/20 7C07D 309/32 7C07C 217/58 7C07D 317/58**  
[25] EN  
[54] **PHTHALIMIDO COMPOUNDS AS INTERMEDIATES FOR PRODUCING SUBSTANCE P RECEPTOR ANTAGONISTS**  
[54] **COMPOSES DE PHTHALIMIDO EN TANT QU'INTERMEDIAIRES POUR PRODUIRE DES ANTAGONISTES DES RECEPTEURS DE SUBSTANCE P**  
[72] O'NEILL, BRIAN T., US  
[71] PFIZER INC., US  
[22] 1992-09-18  
[43] 1993-05-27  
[62] 2,123,403  
[30] US (790,934) 1991-11-12

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[21] **2,325,556**  
[13] A1  
[51] **Int.Cl. 7A61F 13/62 7A61F 13/49**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH ELASTICALLY EXTENSIBLE LANDING MEMBER**  
[54] **ARTICLE ABSORBANT POURVU D'UN ELEMENT DE CONTACT EXTENSIBLE ELASTIQUEMENT**  
[72] SCHMITZ, CHRISTOPH JOHANN, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1996-01-30  
[43] 1996-08-22  
[62] 2,211,730  
[30] EP (95102144.3) 1995-02-16

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[21] **2,325,608**  
[13] A1  
[51] **Int.Cl. 7G01B 7/06 7B07C 1/16**  
[25] EN  
[54] **MAIL THICKNESS MEASURING APPARATUS**  
[54] **APPAREIL POUR MESURER L'EPaisseur DES PIECES DU COURRIER**  
[72] DOLAN, DONALD T., US  
[72] TOLMIE, ROBERT J., JR., US  
[71] PITNEY BOWES INC., US  
[22] 1989-11-29  
[43] 1990-06-28  
[62] 2,004,114  
[30] US (291038) 1988-12-28

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[21] **2,325,609**  
[13] A1  
[51] **Int.Cl. 7G07B 17/00 7G06F 19/00**  
[25] EN  
[54] **ADVANCE POSTAGE PAYMENT SYSTEM EMPLOYING PRE-COMPUTED DIGITAL TOKENS AND WITH ENHANCED SECURITY**  
[54] **SYSTEME DE PREPAIEMENT POSTAL A SECURITE AMELIOREE UTILISANT DES JETONS NUMERIQUES PRECALCULES**  
[72] CORDERY, ROBERT A., US  
[72] PINTSOV, LEON A., US  
[72] D'IPPOLITO, FRANK M., US  
[71] PITNEY BOWES INC., US  
[22] 1995-05-04  
[43] 1995-11-14  
[62] 2,148,648  
[30] US (08/242,564) 1994-05-13

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## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,325,710**

[13] A1

[51] **Int.Cl. 7B65G 23/24 7B65G 23/22**

[25] EN

[54] **ELECTRIC DRIVE SYSTEM FOR  
PLANER MILL INFEED AND OUTFEED  
ROLLS**

[54] **SYSTEME D'ENTRAINEMENT  
ELECTRIQUE DES CYLINDRES  
D'ENTREE ET DE SORTIE D**

**\_RABOTEUSES**

[72] KRYSTEIN, JOHN PER, CA

[71] KRYSTEIN INVESTMENTS LTD., CA

[22] 1998-02-20

[43] 1999-08-20

[62] 2,230,227

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[21] **2,325,810**

[13] A1

[51] **Int.Cl. 7G06F 12/02 7G11C 16/00**

[25] EN

[54] **METHOD AND SYSTEM FOR LIFE  
SYSTEM MANAGEMENT USING A  
FLASH-ERASABLE,  
PROGRAMMABLE, READ-ONLY  
MEMORY**

[54] **METHODE ET SYSTEME DE  
GESTION DE FICHIERS UTILISANT  
UNE MEMOIRE MORTE  
PROGRAMMABLE A EFFACEMENT  
RAPIDE**

[72] KRUEGER, WILLIAM J., US

[72] RAJAGOPALAN, SRIRAM, US

[71] MICROSOFT CORPORATION, US

[22] 1993-01-29

[43] 1993-07-30

[62] 2,088,442

[30] US (07/828,763) 1992-01-29

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[21] **2,325,812**

[13] A1

[51] **Int.Cl. 7G06F 12/02 7G11C 16/00**

[25] EN

[54] **METHOD AND SYSTEM FOR FILE  
SYSTEM MANAGEMENT USING A  
FLASH-ERASABLE,  
PROGRAMMABLE, READ-ONLY  
MEMORY**

[54] **METHODE ET SYSTEME DE  
GESTION DE FICHIERS UTILISANT  
UNE MEMOIRE MORTE  
PROGRAMMABLE A EFFACEMENT  
RAPIDE**

[72] RAJAGOPALAN, SRIRAM, US

[72] KRUEGER, WILLIAM J., US

[71] MICROSOFT CORPORATION, US

[22] 1993-01-29

[43] 1993-07-30

[62] 2,088,442

[30] US (07/828,763) 1992-01-29

# Index of Canadian Patents Issued

January 23, 2001

## Index des brevets canadiens délivrés

23 janvier 2001

872701 Ontario Limited d/b/a Main Tech Industries	2,189,816	ASTRA AB	2,203,805	S PUBLIC LIMITED COMPANY	2,215,361
ABB AB	2,218,937	AT&T CORP.	2,190,551	BROCKMAN, NEIL LOUIS	2,205,833
Abe, Takao	2,033,479	AT&T CORP.	2,191,144	Buehler, Volker	2,023,815
ABE, Yukio	2,213,364	AT&T CORP.	2,210,111	Bull, Michael Jackson	2,193,640
Abels, Robert I.	2,188,871	ATLANTIC PASTE & GLUE CO., INC.	2,042,313	Burns, David	2,176,222
Adams, Carlisle Michael	2,164,768	Atsumi, Kunio	2,189,995	BURTON CORPORATION (THE)	2,185,497
Aérospatiale Société Nationale Industrielle	2,029,507	AVENTIS PHARMA INC.	2,021,340	BUTLER, Todd W.	2,197,451
Ahlstrand, Ove	2,009,807	AVENTIS PHARMA INC.	2,022,451	Cadence Environmental Energy, Inc.	2,163,849
Aihara, Kazuhiro	2,189,995	AVENTIS PHARMACEUTICALS INC.	2,019,717	CANON KABUSHIKI KAISHA	2,143,528
Aihara, Masayoshi	2,110,242	Baiocchi, Leandro	2,128,202	CANON KABUSHIKI KAISHA	2,199,096
Air Products and Chemicals, Inc.	2,204,703	Baiocchi, Leandro	2,141,040	CAPPAR LIMITED	2,268,859
AK STEEL CORPORATION	2,050,566	BALLY, MARCEL B.	2,296,884	Carney, Scott Nelson	2,167,945
AKTIEBOLAGET SKF	2,125,818	BAN, Takashi	2,199,235	Carr, Albert Anthony	2,022,451
AKUTSU, Shigeru	2,207,375	Barnes, Harold K.	2,048,333	Castegnier, Adrien	2,169,669
ALARIS MEDICAL SYSTEMS, INC.	2,199,406	BASF		CECA S.A.	2,209,706
ALBANY INTERNATIONAL CORP.	2,203,025	AKTIENGESELLSCHAFT	2,023,815	Cedal S.r.l.	2,159,810
ALBERTA RESEARCH COUNCIL INC.	2,207,778	Battisti, Dianne	2,045,624	CEDAL S.R.L.	2,164,190
ALCAN INTERNATIONAL LIMITED	2,193,640	Batz, Hans-Georg	2,017,369	CENTRE INTERNATIONAL DE RECHERCHES DERMATOLOGIQUES GALDERMA	2,191,790
ALCAN INTERNATIONAL LIMITED	2,205,659	Bazzoni, Bruno	2,036,863	Ceraso, Bruno	2,159,810
ALCAN INTERNATIONAL LIMITED	2,205,833	Beausang, Lee Anne	2,122,473	Ceraso, Bruno	2,164,190
ALCATEL USA, INC.	2,193,207	Behm, Dale H.	2,140,016	CERESTAR USA, INC.	2,212,791
Aldridge, Donald	2,154,182	Beight, Douglas W.	2,021,340	Chaki, Katsuhiko	2,171,375
A-LINE PRODUCTS CORPORATION	2,053,287	Bell Helicopter Textron Inc.	2,122,124	Charles Stark Draper Laboratory, Inc. (The)	2,057,919
Altech Company Limited	2,161,763	Bergling, Gunnar	2,125,818	Charpentier, Bruno	2,191,790
AMADA, Yasushi	2,202,324	Bernardon, Jean-Michel	2,191,790	CHEN, William W.	2,213,387
AMGEN INC.	2,188,871	Berner, Sibylle	2,017,369	CHENARD, Bertrand L.	2,197,451
ANDREEV, Vladimir Andreevitch	2,203,986	BERRY, RICHARD MCKINNON	2,207,937	Chiang, Yulin	2,031,079
Angelini Ricerche S.p.A. Società Consortile	2,128,202	BEVERIDGE, Iain M.	2,211,394	CHOBIN, Robert W.	2,209,758
Angelini Ricerche S.p.A. Società Consortile	2,141,040	BI, Qi	2,222,945	CHOI, LEWIS SIU LEUNG	2,296,884
Anjiki, Manao	2,195,287	Bizen, Yoshio	2,030,446	Clancy, Beth J.	2,190,551
Aoki, Toshiya	2,119,590	Björnberg, Sten	2,009,807	Clegg, Andrew Simon	2,008,431
Appleton, Robert Patrick	2,124,676	BLECK, Wolfgang	2,202,616	CLEMENS, Charles E.	2,199,406
Applied Medical Technology, Inc.	2,056,085	BOEING COMPANY (THE)	2,113,179	Clorox Company (The)	2,030,708
ARISHIGE, Koji	2,200,902	Bonekamp, Jeffrey E.	2,120,734	Coelho, Alexandre B. F.	2,067,050
ASAHI KASEI KOGYO KABUSHIKI KAISHA	2,119,590	Bottger, Dieter	2,024,838	Coenraets, Benoît	2,188,025
ASAHI KASEI KOGYO KABUSHIKI KAISHA	2,178,742	BP CHEMICALS LIMITED	2,094,456	COLLINS, Joseph D.	2,199,547
ASAHI MEDICAL CO., LTD.	2,213,092	Bradbury, Roderick S.	2,069,311	Composants Tarnais Beton	2,152,738
ASAO, Masaya	2,199,096	BREWSTER, William H., Jr.	2,199,547	Cook, Ronald F.	2,048,333
Ash Grove Cement Company	2,163,849	BRISTOL-MYERS SQUIBB COMPANY	2,037,846	COPELAND, Gregory C.	2,220,845
ASNIS, Stanley E.	2,206,764	BRITISH TELECOMMUNICATION S PUBLIC LIMITED COMPANY	2,185,138	COZZETTE, Stephen N.	2,221,178
		BRITISH TELECOMMUNICATION S PUBLIC LIMITED COMPANY	2,192,098	CROMBIE, John S.	2,206,764
		BRITISH TELECOMMUNICATION		CT UMWELTTECHNIK AG	2,228,586
				CULLIS, PIETER R.	2,296,884
				Dabi, Shmuel	2,029,129
				Daitoh, Yoshihiro	2,195,287
				Dalebout, William T.	2,150,593
				Danochemo A/S	2,072,108
				Darr, Richard C.	2,140,016

## Index of Canadian Patents Issued January 23, 2001

DASGUPTA, Urmi	2,228,991	Garcia-Rameau, Eduardo	2,176,222	HITACHI, LTD.	2,179,076
DAVIS, Graham	2,221,178	GARLAND COMMERCIAL		Hlozek, Robert Jerry	2,176,222
DAVIS, Keith L.	2,207,208	INDUSTRIES, INC.	2,295,575	HOECHST MARIÓN	
Denke, Wolfgang	2,179,097	Garland, Paul	2,176,222	ROUSSEL, INC.	2,031,079
DENYER, Jonathan Stanley		GARRISON, Arthur L.	2,222,488	Hollitt, Michael John	2,055,428
Harold	2,203,805	GATES, Frank Vernon	2,210,111	Holmen, James O.	2,121,042
Derian, Paul-Joël	2,147,353	Gauthier, Michel	2,032,486	HON INDUSTRIES INC.	2,101,103
Desjardins, Rene A.	2,113,179	Geary, Daniel C.	2,030,708	HON INDUSTRIES INC.	2,207,208
Deussen, Josef	2,024,838	GEC Alsthom T & D SA	2,132,914	HONDA CANADA	
Deutsche Voest-Alpine		General Datacomm, Inc.	2,088,057	INCORPORATED	2,280,419
Industrieanlagenbau GmbH	2,146,732	GENERAL INSTRUMENT		HONDA GIKEN KOGYO	
DIEHL, Gregory William	2,232,921	CORPORATION	2,102,327	KABUSHIKI KAISHA	2,207,375
DIGITAL SECURITY		GEO SPECIALTY		HONDA, Kazuhisa	2,221,767
CONTROLS LTD.	2,159,755	CHEMICALS, INC.	2,209,758	HONDA, Noriyuki	2,213,364
DIONEX CORPORATION	2,214,528	Geopetrol Equipment Ltd.	2,135,120	HONEYWELL INC.	2,121,042
DiPede, Sandro	2,135,216	GEORGE, William R.	2,199,406	Hook, Rollin E.	2,050,566
Dixon, Daniel Allen	2,009,282	Ghelberg, Emil	2,088,057	Hopwood, Robert Timothy	2,067,810
Dixon, Robert C.	2,102,601	GIANNOU, MARTHA	2,284,426	Hoveling, Stefan	2,179,097
Donald, Robert J.	2,120,734	GIBBINGS, Christopher John	2,215,361	HOWARD, Paul L.	2,199,406
Dormer, Michael William	2,124,884	Glamkowski, Edward Joseph	2,031,079	HOYER, Friedrich	2,228,586
Dougherty, James P.	2,038,383	GLEAVE, Gary L.	2,214,528	Humphreys, Reginald D.	2,135,120
Drenckhahn, Wolfgang	2,165,085	GOLDSCHMIDT REWO		Hung, Jaclyn	2,042,075
Driscoll, Patrick John	2,186,198	GBMH & CO. KG	2,129,937	Hunt, James R.	2,039,148
DUBUS, Yves, François, Pierre	2,219,640	Gould, Russell J.	2,135,216	Huntleigh Technology plc	2,055,671
DYNACO INTERNATIONAL	2,188,025	Gregory, Richard Allen	2,176,222	Hyde, Gregory	2,189,816
EADEN, Russel	2,215,361	Greiff, Paul	2,057,919	HYDRO-QUEBEC	2,032,486
Easton, Ronald J.	2,053,287	Groom, Kenneth N.	2,067,252	ICON Health & Fitness, Inc.	2,150,593
ELCORSY TECHNOLOGY		Grünbacher, Herbert	2,146,732	IENAKA, Takuya	2,201,193
INC.	2,169,669	Gueret, Jean-Louis	2,178,279	IKEDA, Shigeji	2,207,716
Ellul, Joseph P.	2,105,342	GUERET, Jean-Louis H.	2,218,936	IKEYA, Toru	2,220,164
Else, Richard Lambert	2,190,551	Gupta, Alok Kumar	2,193,640	Imae, Toshio	2,173,066
Emtek Health Care Systems, Inc.	2,027,751	GUREVICH, Arthur	2,236,024	Imaizumi, Kimio	2,178,742
ENGSTROM, Robert W.	2,220,825	GUY, DOUGLAS S.	2,210,037	IMANAKA, Tadashi	2,207,375
Ensor, David John	2,024,025	Haatanen, Rauno	2,108,257	IMELETRICA S.R.L.	2,036,863
ENTRUST TECHNOLOGIES		Hamann, Ingo	2,129,937	INAGAKI, Yuji	2,220,164
LTD.	2,164,768	Hamer, Russell Richard Lee	2,031,079	INCORVIA, Michael J.	2,209,758
Epps, Rickey	2,176,222	Handford, Reginald G.	2,123,298	INDUSTRIAL SENSORS, INC.	2,026,160
ETHICON, INC.	2,027,671	HANKYU KYOEI BUSSAN		INNES, ROBERT A.	2,205,659
Evans, Patrick A.	2,088,057	CO., LTD.	2,221,767	INNES, ROBERT A.	2,205,833
Everhart, Cherie H.	2,048,333	Hansen, Eric R.	2,163,849	Inoue, Hiroyuki	2,143,528
FAN, RAY	2,207,778	Hardman, Stephen	2,094,456	Ishida, Satoshi	2,102,298
Faulkner, David Wynford	2,192,098	HARRIS, Norman H.	2,213,387	Ishii, Miyuki	2,189,995
Feder, Michel	2,147,353	Hashimoto, Yasuaki	2,110,242	Isobe, Kunio	2,173,066
FEDERAL SECURITY		Hashizume, Hiroshi	2,110,242	ISOBE, Makoto	2,213,364
SYSTEMS, INC.	2,215,006	HATTORI, Koji	2,212,824	I-STAT CORPORATION	2,221,178
Feldman, David	2,045,624	Hatzinikolas, Michael A.	2,102,297	ITAK, Jeanne A.	2,221,178
FERO HOLDINGS LTD.	2,102,297	HAWES, John M.	2,203,025	Ito, Fumitaka	2,196,885
Feuillerat, Jean	2,029,507	Hayashi, Kanji	2,161,763	ITOH, Yuichi	2,230,332
Filipovich, Danny	2,138,084	Hayashi, Kenro	2,171,375	IVOCLAR AG	2,204,056
FISHER & PAYKEL LIMITED	2,024,025	Hayes, Stephen	2,055,671	Iwamatsu, Katsuyoshi	2,189,995
Fitzsimon, John	2,193,640	HAZEMAG & EPR GMBH	2,014,021	Iwasaki, Takeshi	2,143,528
Flynn, Gary A.	2,021,340	Heap, Michael P.	2,163,849	Jachowicz, Janusz	2,037,846
FOGARTY, JAMES D.	2,301,118	HEDGES, Allan	2,212,791	Jaggi, Bruno	2,042,075
Foster, John P.	2,038,383	HEGGE, Timothy	2,209,758	Jensen, Ole Hedevang	2,090,466
FRENCH, JEFF	2,280,419	Hellwig, John	2,067,050	Jin, Iljoon	2,193,640
Frisch, Steven	2,042,313	Hess, Robert C., Jr.	2,041,553	JOHNSON & JOHNSON	2,045,624
FUJIKURA LTD.	2,201,193	HIDAKA, Hiroshi	2,201,193	Johnson, Robert G.	2,121,042
Fujimura, Takashi	2,195,287	Higashi, Robert E.	2,121,042	Jones, Robert Hugh	2,055,671
FUJINO, Hiroaki	2,221,767	Hill, Alan Michael	2,185,138	KABUSHIKI KAISHA	
FUJITSU LIMITED	2,102,298	HIMENO, Kuniharu	2,201,193	TOSHIBA	2,110,242
Fuke, Isao	2,045,323	Hiramatsu, Soichi	2,143,528	KABUSHIKI KAISHA	
FUKUDA, Tatsuya	2,213,092	HIROSE, Tatsuya	2,199,235	TOSHIBA	2,228,199
FUKUHAMA, Chizuko	2,221,767	HISAMITSU, Yasushi	2,200,902	KABUSHIKI KAISHA	
FUKUSHIMA, Yuji	2,200,640	Hitachi Metals, Ltd.	2,030,446	TOYODA JIDOSHOKKI	
FURUKIMI, Osamu	2,203,996	HITACHI, ENGINEERING CO.,		SEISAKUSHO	2,199,235
Futatsuka, Masahiko	2,102,298	LTD.	2,179,076	KAGAWA, Kyoichi	2,221,767

**Index des brevets canadiens délivrés  
23 janvier 2001**

Kamijo, Yasuhiko	2,081,509	Levitan, Stephen L.	2,067,050	Miller, Thomas E.	2,122,473
Kamimura, Tosio	2,081,509	Lewis, Marvin	2,159,753	MINAMI, Don S.	2,199,406
Kane, John Michael	2,022,451	Leyden, Roger J.	2,069,778	MINNESOTA MINING AND MANUFACTURING COMPANY	2,004,048
Kaneshima, Tokitaka	2,119,590	Lidgard, Graham P.	2,122,473	MINNESOTA MINING AND MANUFACTURING COMPANY	2,039,828
Kano, Yuko	2,189,995	LIN, Mei-Lu	2,214,223	MITSUBA CORPORATION	2,207,375
KARAIWA, Masato	2,230,332	LINDBERG, Anders	2,218,937	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,220,164
KARSTENMANUFACTURING CORPORATION	2,254,014	Lindquist, Bengt	2,066,709	MITSUI CHEMICALS, INC.	2,000,450
Kato, Kiyoo	2,178,742	Lion Apparel, Inc.	2,154,182	MITSUI CHEMICALS, INC.	2,202,324
Kato, Atsushi	2,055,964	Liyanage, Don W.	2,088,057	Miyachi, Hiroshi	2,110,242
KATOU, Akihiko	2,200,902	Lloyd, David James	2,193,640	Miyachi, Yasunori	2,102,298
Kawakami, Hideaki	2,143,528	Lockhart, Roland Thomas	2,164,768	Molex Incorporated	2,009,282
KAWAKAMI, Soichiro	2,199,096	LOHNES, Steve	2,268,859	Moore Business Forms, Inc.	2,041,553
KAWASAKI STEEL CORPORATION	2,173,066	L'OREAL	2,178,279	Morgenstern, Elke	2,184,095
KAWASAKI STEEL CORPORATION	2,203,996	L'OREAL	2,218,936	MORI, Akira	2,203,849
Keefer, Bowie Gordon	2,087,973	LOUGHREY, HELEN	2,296,884	Mori, Chisato	2,045,323
KEOGH, ALAN	2,295,575	Lovell, Mark A.	2,193,207	MORI, Hidefumi	2,199,235
Keppinger, Leopold-Werner	2,146,732	LUCENT TECHNOLOGIES INC.	2,222,945	Mori, Toshihiro	2,179,076
Kida, Akira	2,143,528	MacAulay, Calum	2,042,075	Morikawa, Shuichi	2,102,298
KIDD, Gary E.	2,219,473	MACROVISION CORPORATION	2,220,845	Morikawa, Toshio	2,055,964
KIM, Chang-seob	2,232,892	MADDEEN, RICK	2,280,419	Morita, Minoru	2,081,509
KIMBERLY-CLARK WORLDWIDE, INC.	2,048,333	Maeda, Katsunosuke	2,160,330	MORRIS, Matthew G.	2,199,406
KIUCHI, Keiji	2,207,375	Makino, Taizo	2,195,287	Morsi, Badie	2,045,624
Kiyohara, Takehiko	2,143,528	MANNESMANN AKTIENGESELLSCHAFT	2,202,616	Moseley, Michael E.	2,077,760
Klicek, Michael Steve	2,137,004	MARGOLIS, Geoffrey	2,199,469	MOTOROLA, INC.	2,090,466
KM Europa Metal AG	2,179,097	Marois, Pierre H.	2,193,640	MOTOROLA, INC.	2,167,945
Knapp, Francesco	2,055,699	Marshall, Bryan W.	2,122,124	Muhlegger, Klaus	2,017,369
Knapp, Joseph E.	2,045,624	Martin, Lawrence Leo	2,019,717	Muller, Daniel	2,032,486
Knight, George W.	2,001,959	MARTIN, Stephen A.	2,199,406	MURATA MANUFACTURING CO., LTD.	2,203,849
KOBAYASHI, Kyoko	2,230,332	MASINI, Jean-Jacques	2,209,706	MURATA MANUFACTURING CO., LTD.	2,212,824
KOBAYASHI, Naoya	2,199,096	Mason, Wenda	2,069,311	MURATA MANUFACTURING CO., LTD.	2,214,217
KOCHMAN, Arkady	2,236,024	Masuda, Minoru	2,102,298	Musaeus Jensen, Nina	2,072,108
Köhle, Hans-Jürgen	2,129,937	Matritech, Inc.	2,122,473	MYER, Robert Evan	2,222,945
KOKURYOU, Masaru	2,202,324	MATSUSHITA, Tetsuo	2,200,640	Nagase, Yunosuke	2,033,479
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,073,315	MATSUTAKA, Hisako	2,221,767	NAKAI, Michihiro	2,201,193
KOZYREV, Valeriy Nikolaevitch	2,203,986	May, Randall L.	2,042,715	Nakamura, Hitoshi	2,143,528
Kraskin, Kenneth	2,029,129	Mayer, Daniel Jitzchak	2,191,144	NAKAMURA, Toyoo	2,221,767
Krause, Edward A.	2,102,327	Maytum, Michael	2,002,311	NAKAMURA, Yuki	2,202,575
Krishnan, Ramasamy	2,062,824	McArdle, Francis H.	2,113,179	Nakano, Akira	2,110,242
KUBICA, Daniel J.	2,254,014	McBeth, David G.	2,039,828	Nakazono, Shuzo	2,128,405
Kucharczyk, John	2,077,760	McCormack, Ann L.	2,048,333	Nash, Colin	2,185,497
KUMADA, Akira	2,203,849	McGregor, Walter	2,027,671	Natori, Itaru	2,178,742
KUNKEL, Peter	2,204,056	McKEON, Donald C.	2,228,991	NEC CORPORATION	2,202,575
Kurihara, Masaru	2,160,330	MCNEIL-PPC, INC.	2,029,129	NEC CORPORATION	2,202,825
KUWAHARA, Yoshihiko	2,202,575	Meade, Joseph F., Jr.	2,186,413	NEC CORPORATION	2,207,716
KWARE SOFTWARE SYSTEMS INC.	2,219,473	MEDIC-AID LIMITED	2,203,805	NEC CORPORATION	2,241,498
Labrot, Maxime	2,029,507	MEDTRONIC, INC.	2,064,830	Nezworski, James E.	2,030,460
LAITERMAN, Lee H.	2,199,406	MEIJI SEIKA KABUSHIKI KAISHA	2,189,995	Nicoletti, Rosario	2,141,040
Lam, Stephen	2,042,075	MEINAN MACHINERY WORKS, INC.	2,213,364	NIGHT VISION GENERAL PARTNERSHIP	2,138,084
LAMBERT, John Francis	2,197,272	MELITTA HAUSHALTSPRODUKTE GMBH & CO. KG	2,260,344	Nikaido, Hideyuki	2,173,066
LANE, Lewis B.	2,206,764	MERCURY AIRCRAFT, INC.	2,186,413	NIKANDER, Kurt Verner Holger	2,203,805
LAUKS, Imants R.	2,221,178	MERTINS, Jürgen	2,204,056	Nippondenso Co., Ltd.	2,055,964
Laura, Alger E.	2,053,287	Mi, Zhixin	2,159,755	Nishiyama, Toshikazu	2,030,446
Lavis, Gerry	2,159,753	Michaely, William J.	2,003,172	Nissho Corporation	2,169,213
Lazzari, Luciano	2,036,863	Middleman, Lee M.	2,064,830	NOBLE, Randall B.	2,254,014
Le Cronier, Richard E.	2,190,551	MIER, Randall M.	2,221,178	Nojima, Takashi	2,143,528
LEE, Don	2,203,025	MIHARU, Kenji	2,202,324		
Lee, Seng Poh	2,088,057	MILLER, Edward	2,215,006		
Leng, Stephen Anthony	2,094,456	Miller, Francis Peter	2,022,451		
Lepine, Normand	2,169,669	MILLER, J. Clayton	2,215,006		

## Index of Canadian Patents Issued January 23, 2001

Norden-Paul, Ronald Evan	2,027,751	PULP AND PAPER		Sehgal, Ajay	2,122,124
NORTEL NETWORKS		RESEARCH INSTITUTE		Seiffert, Klaus-Peter	2,014,021
LIMITED	2,105,342	OF CANADA	2,207,937	SE-KURE CONTROLS, INC.	2,069,778
NORTHROP GRUMMAN		Puritch, George S.	2,069,311	Seliger, Heinz-Hartmut	2,017,369
CORPORATION	2,251,801	Pyka, Walter R.	2,064,830	Senechal, Alain	2,147,353
NUMATA, Masahiro	2,221,767	QUESTAIR TECHNOLOGIES		SETO, Kazuhiro	2,203,996
OBARA, Takashi	2,203,996	INC.	2,087,973	Setsu, Fumihito	2,189,995
O'Brien, Brian Anthony	2,055,428	Radwanski, Fred R.	2,048,333	Shacklock, Frank Whitney	2,024,025
Ogawa, Hideo	2,169,213	R-AMTECH		Shen, Paul	2,102,327
Ohashi, Satoru	2,179,076	INTERNATIONAL, INC.	2,203,986	SHIEH, Wen	2,212,791
Okayama, Hiroto	2,045,323	RANPAK CORP.	2,227,274	Shigemoto, Hiromi	2,000,450
Okino, Yasunari	2,081,509	Rattman, William J.	2,159,755	Shima Seiki Manufacturing, Ltd.	2,135,318
OKUDE, Satoshi	2,201,193	RAYTHEON COMPANY	2,213,387	SHIMA, Kensuke	2,201,193
Olson, Ogdun R.	2,101,103	Razdolsky, Yan	2,186,198	Shima, Masahiro	2,135,318
OMNIPOINT CORPORATION	2,102,601	REGNAULT, John Christopher	2,215,361	Shiokawa, Sohjiro	2,189,995
Ong, Helen Hu	2,019,717	Reilly, Karen	2,188,871	Shokurov, Vlladimir S.	2,188,351
OPALPORT ELECTRONICS		REISIG, Carl F.	2,222,488	SIDOROV, Alexey Ivanovitch	2,203,986
LIMITED	2,008,431	Reufer, Franz	2,146,732	SIEMENS	
ORIHIO ENGINEERING CO.,		Rhone-Poulenc Chimie	2,147,353	AKTIENGESELLSCHAFT	2,165,085
LTD.	2,200,640	Ricoux, Philippe	2,032,486	SIKORSKI, Chris	2,212,791
OSTERTAG, William	2,207,778	Rishworth, Denis Leslie	2,009,282	Silber, Meir	2,002,347
OZAWA, Kazunori	2,202,825	Rishworth, Paul Lindsay	2,009,282	SIMMONS, James A.	2,227,274
Pacholok, Robert M.	2,102,297	RISKA, Frank Jude	2,204,703	SIMS, Joe Willie	2,203,025
Paillet, Jean-Pierre	2,147,353	RITTER, Chris	2,212,791	SINGH, SURINDAR PAL	2,207,778
Palcic, Branko	2,042,075	ROCHE DIAGNOSTICS GMBH	2,017,369	Sitar, Nicholas	2,039,148
PALEOLOGOU, MICHAEL	2,207,937	Rocklage, Scott M.	2,077,760	Sivtzov, Sergej V.	2,188,351
Palmerston Extension Ladder		Rockwell International		Sloan, Keith A.	2,193,207
Company Limited	2,107,000	Corporation	2,081,961	SMIT, Nicolaas	2,221,178
PALSSON, Rolf	2,218,937	Rogers, Grant	2,191,190	Smith, Philip John	2,192,098
Papirov, Igor I.	2,188,351	Rosch, Paulette M.	2,048,333	Smith, Ronald J.	2,026,160
Parola, Dario Livio	2,190,551	Rosenblatt, Aaron A.	2,045,624	SMS-Schloemann-Siemag	
Payack, Joseph Francis	2,019,717	Rosenblatt, David H.	2,045,624	Aktiengesellschaft	2,024,838
Peauger, Régis	2,152,738	ROTHER, Norman J.	2,214,528	SOCIÉTÉ NATIONALE ELF	
PEEL, Stephen John	2,215,361	RYAN, John O.	2,220,845	AQUITAINE	
Peignier, Michel	2,147,353	S. C. JOHNSON & SON, INC.	2,202,224	(PRODUCTION)	2,032,486
Perlick Corporation	2,030,460	Safer, Inc.	2,069,311	SPLINTER, Paul	2,202,616
Person, Stanley Carl	2,027,751	Saito, Hiroyuki	2,171,375	SREDNIAWSKI, Joseph J.	2,251,801
Petersen, Hermann	2,023,815	SAKABE, Yukio	2,212,824	STEINER, Susan J.	2,221,178
PETERSON, Kirk A.	2,207,208	SAKAI, Tetsuya	2,201,193	STEPHENS, Scott A.	2,222,488
PFIZER INC.	2,196,885	SAKATA, Kei	2,203,996	Stewart, Lloyd D., Jr.	2,039,148
PFIZER INC.	2,197,272	SAMSUNG DISPLAY		STOLLER, Christian	2,228,991
PFIZER INC.	2,197,451	DEVICES CO., LTD.	2,232,892	Stone, Roger Eden	2,190,551
PFIZER RESEARCH AND		Samuel Manu-Tech, Inc.	2,135,216	Stroppiana, Fernando	2,075,275
DEVELOPMENT		Sanivac Vakuumtechnik GmbH	2,108,257	STRYKER TECHNOLOGIES	
COMPANY, N.V./S.A.	2,219,631	Santagiuliana, Evans	2,189,997	CORPORATION	2,206,764
PFU Limited	2,102,298	Sasaki, Toshiro	2,189,995	SUDOH, Masaaki	2,201,193
Phan Hung, Hiep	2,014,021	SATAKE CORPORATION	2,200,902	SUEY, Paul V.	2,201,543
Phillips, Sharon E.T.	2,167,945	SATAKE, Satoru	2,200,902	SUGAWA, Michio	2,200,640
Picha, George J.	2,056,085	SATO, Shuichi	2,228,199	Sugimoto, Tatsuo	2,055,964
Pikalov, Anatolij I.	2,188,351	Sato, Yoshinobu	2,081,509	Sumitomo Metal Industries, Ltd.	2,195,287
PILLARELLA, Mark Robert	2,204,703	Sawyer, Lawrence H.	2,001,959	Sun Chemical Corporation	2,062,824
Pineau, Didier	2,029,507	SCA HYGIENE PRODUCTS		SUNDER, Swaminathan	2,204,703
PITNEY BOWES INC.	2,199,547	AKTIEBOLAG	2,066,709	Surma, Terrance	2,069,778
PIZNIK, Sylvia	2,221,178	Schabert, Hans-Peter	2,165,085	Susa, Sumio	2,055,964
Plastipak Packaging, Inc.	2,140,016	Schlusser, Klaus	2,023,300	Suwabe, Shigezazu	2,030,446
PLEE, Dominique	2,209,706	SCHLUMBERGER CANADA		Suzuki, Kazutaka	2,055,964
PLESCHIUTSCHNIGG, Fritz-		LIMITED	2,228,991	Swartzmiller, Steven B.	2,120,734
Peter	2,202,616	Schmidt, Clayton C.	2,101,103	SWETLAND, MELODY SUE	2,309,349
POLAROID CORPORATION	2,211,394	SCHNEIDER (EUROPE) GmbH	2,175,982	SWETLAND, WALLACE	
Popowski, Youri G.	2,188,351	SCHNEIDER (EUROPE) GmbH	2,188,351	BYRON JR.	2,309,349
POWER INNOVATIONS LTD.	2,002,311	Schrey, Günter	2,146,732	Tai, Nancy Y.	2,190,551
Priggemeyer, Stefan	2,179,097	Schubert, Craig Norman	2,176,222	TAKADA, Yoshio	2,207,375
Procter & Gamble Hygien		Schwager, Michael	2,175,982	Takagawa, Makoto	2,102,298
Aktiebolag	2,009,807	SCOTT, Michael	2,215,361	TAKAHASHI, Kuniharu	2,241,498
PRODOMO S.A.	2,184,095	SDL, Inc.	2,191,190	Takamizawa, Akihisa	2,045,323
Profio, Amedeus Edward	2,042,075	Secrest, Dean J.	2,056,085	Takano, Toshihide	2,179,076

**Index des brevets canadiens délivrés  
23 janvier 2001**

Takebayashi, Katsuhiko	2,173,066	UWAJI, Tetsuo	2,220,164	YAMAUCHI, Ryoza	2,201,193
Takeda, Ryuji	2,171,375	VALLEYLAB, INC.	2,137,004	YEMELYANOV, Valeriy Nilovitch	2,203,986
TAKEUCHI, Naokazu	2,220,164	VAN DER WERF, Paul	2,221,178	Yokochi, Toshiyuki	2,110,242
TAKEUCHI, Toshihiro	2,207,375	Vanderpool, Jeffrey S.	2,102,601	Yokoyama, Hisao	2,179,076
Tamai, Satoshi	2,033,479	Vannier, Dominique	2,152,738	Yoshida, Iwao	2,045,323
Tamai, Yoshikiyo	2,173,066	Varco, Joseph	2,037,846	YOSHIDA, Kumi	2,213,092
Tamata, Shin	2,179,076	Vastag, Eva	2,066,709	Yoshikawa, Jun	2,171,375
Tamura, Atsushi	2,189,995	Ventrudo, Brian F.	2,191,190	Yoshizawa, Yoshihito	2,030,446
TANAKA, Jun	2,213,092	Verin, Vitali E.	2,188,351	Young, William C.	2,140,016
TAPLAST SPA	2,189,997	Vilstrup, Per	2,072,108	ZENECA AG PRODUCTS INC.	2,003,172
Tay, Sing P.	2,105,342	Voisin, Gilles	2,132,914	Zijderhand, Frans	2,073,315
TBS Engineering Limited	2,067,810	Vollmar, Horst	2,165,085	ZONI INC.	2,284,426
TEKNION FURNITURE SYSTEMS LIMITED	2,067,050	Von Der Eltz, Herbert	2,017,369		
TELCORDIA TECHNOLOGIES, INC.	2,182,173	VON HAGEN, Ingo	2,202,616		
TEN BRINKE, Machiel A.	2,211,394	VTech Communications Ltd.	2,124,884		
Tench, D. Morgan	2,081,961	WAANDERS, Henny F.	2,211,394		
Teraji, Norihisa	2,169,213	WADA, Akira	2,201,193		
Terauchi, Isshu	2,169,213	WALINSKY, Stanley Walter	2,197,272		
THE DOW CHEMICAL COMPANY	2,001,959	WALLER, Russell	2,215,006		
THE DOW CHEMICAL COMPANY	2,120,734	WALSER, Eckart	2,204,056		
THE ESAB GROUP, INC.	2,232,921	Watterson, Scott R.	2,150,593		
THE LIPOSOME COMPANY, INC.	2,296,884	WCI Canada Inc.	2,159,753		
THE RAYMOND CORPORATION	2,210,037	WDOWIK, Mark S.	2,202,224		
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,039,148	Wehner, Winfried	2,129,937		
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,077,760	Weling, Alfred Leonard Maria	2,073,315		
THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY	2,045,323	WESTECH GEOPHYSICAL, INC.	2,140,757		
Thompson, Jack	2,140,757	WESTINGHOUSE ELECTRIC CORPORATION	2,038,383		
THOMPSON, ROKHSAREH	2,207,937	White, Marvin A.	2,001,959		
Thuries, Edmond	2,132,914	Whitehead, Charles A.	2,067,252		
Tixier, René	2,132,914	Wicke GmbH & Co.	2,023,300		
Tom, Adam	2,102,327	WIECK, Henry J.	2,221,178		
TORAY INDUSTRIES, INC.	2,160,330	Wiener, Michael James	2,164,768		
Toshiba Ceramics Co., Ltd.	2,171,375	WIJEYESEKERA, Nihal I.	2,228,991		
Toyooka, Yumiko	2,189,995	Wildemeersch, Dirk	2,064,026		
TRENCHLESS REPLACEMENT SERVICES LTD.	2,123,298	Wilford, Laurie G.	2,159,753		
Trevisan, Adrian J.	2,048,333	Williams, John Julian Aubrey	2,024,025		
Triquet, Christian	2,179,097	Wilson, David Charles	2,094,456		
TRW INC.	2,222,488	Wimmera Industrial Minerals Pty. Ltd.	2,055,428		
TSUJI, Hitoshi	2,214,217	Winning, Marianne	2,072,108		
Tsukishima Kikai Co., Ltd.	2,081,509	Winters, John C.	2,004,048		
Turner, George F.	2,185,497	WINTERS, WILLIAM ROBERT	2,207,778		
Tutt, James R.	2,163,849	Winterton, Neil	2,039,828		
UCHIYAMA, Akira	2,230,332	Wissinger, Robert A.	2,027,751		
Udell, Kent S.	2,039,148	WONG, KIM F.	2,296,884		
Ulrich, Jean	2,147,353	Woodfield, Bruce Harvey	2,107,000		
Umlauf, Norbert	2,016,767	WOODS, David John	2,215,361		
UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION	2,176,222	Worcester, Samuel A.	2,038,383		
		WRAIGHT, Peter D.	2,228,991		
		WU, Hsinhan	2,260,344		
		WYETH LEDERLE JAPAN, LTD.	2,033,479		
		WYTHES, Martin James	2,219,631		
		Xillix Technologies Corp.	2,042,075		
		Xin, Ping	2,171,375		
		Yacobi, Yacov	2,182,173		
		YAGI, Kiyoshi	2,199,235		
		Yamada, Naotake	2,081,509		
		Yamaguchi, Hideki	2,143,528		
		YAMAMOTO, Yohzoh	2,202,324		
		Yamamura, Hiroyuki	2,160,330		
		Yamamura, Masaru	2,110,242		
		YAMASHITA, Yasuhisa	2,212,824		
		Yamauchi, Kiyotaka	2,030,446		



**Index of Canadian Patents Issued  
January 23, 2001**

# Index of Canadian Laid-Open Applications

December 31, 2000 - January 6, 2001

## Index des demandes canadiennes mises à la disponibilité du public

31 décembre 2000 - 6 janvier 2001

ABB FLEXIBLE		BOUET, ETIENNE	2,313,411	DE RIGAUD, JEAN-MATHIEU	2,311,279
AUTOMATION INC.	2,313,436	BOURDIN TRUNZ,		DEARO, JÉROME	2,276,877
ADACHI, TSUYOSHI	2,310,896	BERNADETTE	2,313,337	DEERE & COMPANY	2,298,198
ADIR ET COMPAGNIE	2,313,302	BOUTET, JEAN-MARC	2,277,343	DEERE & COMPANY	2,313,271
AGILENT TECHNOLOGIES,		BOUZEKRI, MOHAMED	2,312,672	DELLA CIANA, LEOPOLDO	2,312,099
INC.	2,313,258	BOUZEKRI, MOHAMED	2,312,673	DELLANGELO, MICHAEL	2,313,040
AGO, HIDEO	2,310,896	BOUZEKRI, MOHAMED	2,312,674	DEMESY, BERNARD	2,312,561
AHLGREN, KRISTINA	2,276,840	BOUZEKRI, MOHAMED	2,314,177	DIEHL, HERBERT	2,313,306
AIR LIQUIDE SANTÉ		BOUZEKRI, MOHAMED	2,314,533	DINGENOTTO, MEINOLF	2,297,686
(INTERNATIONAL)	2,314,173	BRENNAN, STEPHEN P.	2,313,040	DOAN, TIEN M.	2,309,025
ALCATEL	2,311,587	BRETON, LIONEL	2,312,528	DOAN, TIEN M.	2,310,170
ALLSOPP, ROY WILLIAM	2,312,504	BRISTOL-MYERS SQUIBB		DOAN, TIEN M.	2,310,193
ALSTOM	2,314,166	COMPANY	2,311,868	DOLENC, NORBERT	2,314,175
ALUMA-FORM, INC.	2,313,409	BROWN, DAVID JOHN	2,312,504	DOLFEL, RAINER	2,313,213
ALVES, DORA SOPHIA	2,312,549	BROWN, ROBERT	2,276,832	DRNEVICH, RAYMOND	
ALVES, DORA SOPHIA	2,312,576	BUCHL, ANDREW F.	2,313,347	FRANCIS	2,313,274
AMAKAI, MASAKI	2,310,797	BUCHL, ANDREW F.	2,313,376	DUGGAL, AKHIL	2,312,455
AMSZI, JOHN W.	2,321,936	BURNETT, BONNIE-ANN	2,311,168	DUGUE, JACQUES	2,312,549
ANDERSON, KEVIN RAY	2,277,009	BUTLER, JOHN J.	2,293,012	DUGUE, JACQUES	2,312,576
ANDERSON, MARK H.	2,312,652	CAPUTO, GIUSEPPE	2,312,099	DYNASTREAM INC.	2,312,640
ANTONELLI, NICHOLAS R.	2,313,296	CARGILL, INCORPORATED	2,277,009	DZIEDZIC, EDWARD	2,313,409
ARKWRIGHT, JOHN		CARKNER, STEVEN	2,313,265	EASTWOOD, OWEN	2,313,259
WILLIAM	2,313,311	CASACCIA, EMILIO	2,313,280	ECOLAB INC.	2,304,886
ATASSI, GHANEM	2,313,302	CEVA SANTE ANIMALE	2,314,536	EDER, PAUL S.	2,311,168
AUMARD, JEAN-PIERRE	2,312,145	CHABASSIER, AURELIEN	2,313,271	EFSTRATIOU, ROBERT	2,313,402
BAILON, PASCAL		CHAN, ANDY	2,311,021	EGBERG, DAVID CURTIS	2,313,372
SEBASTIAN	2,310,536	CHANDLER, CHARLES W.	2,311,010	EGUCHI, TAKAHIRO	2,313,184
BAJGROWICZ, JERZY A.	2,313,337	CHANG, MEI-FANG	2,276,827	EGUCHI, TAKAHIRO	2,313,284
BANDO, KOZO	2,313,138	CHEN, JIE	2,312,536	EBBETS, PETER	2,312,529
BARLES, MICHEL	2,314,175	CHEREK, BOGDAN	2,277,595	ELECTRONICS AND	
BAR-YONA, ITZCHAK	2,312,683	CHESS, STANLEY C.	2,298,162	TELECOMMUNICATION	
BAYCO INDUSTRIES		CHO, KYOUNG-IK	2,313,336	S RESEARCH INSTITUTE	2,313,336
LIMITED	2,310,991	CHOU, JONIE	2,277,238	EMHISER RESEARCH	
BAYER		CHRISTOPOLOUS, GEORGE	2,276,969	LIMITED	2,313,132
AKTIENGESELLSCHAFT	2,313,306	CHRISTOPOLOUS, GEORGE	2,312,605	ENDRESS + HAUSER GMBH +	
BEEBE, LOU C.	2,312,585	CHU, CHENG-KANG	2,277,434	CO.	2,313,313
BELCOUR-CASTRO,		CLAPP, TERRY VICTOR	2,311,961	EWANTED.COM	
BEATRICE	2,312,433	CLARIANT GMBH	2,313,568	CORPORATION	2,299,018
BELKE, BRAD	2,276,953	CLARIANT GMBH	2,313,570	F. HOFFMANN-LA ROCHE AG	2,310,536
BENOIST, ALAIN	2,313,302	CLARIANT GMBH	2,313,574	F. HOFFMANN-LA ROCHE AG	2,313,379
BERNARD, JEAN-LUC	2,312,561	CLINGERMAN, BRUCE J.	2,309,025	FAYNGERSH, ZAKHARY	2,312,682
BERRIER, WALTER GENE	2,312,228	CLINGERMAN, BRUCE J.	2,310,170	FEINE, JAMES	2,313,035
BIRKLER, JORGEN	2,276,840	CLINGERMAN, BRUCE J.	2,310,193	FERRELL, ROBERT JAMES	2,312,652
BISSONNETTE, CLAUDE	2,276,924	CLINGERMAN, BRUCE J.	2,310,440	FILTEC	
BLANCHET, ANDRE	2,314,166	CORBIN RUSSWIN, INC.	2,312,682	FILTERTECHNOLOGIE	
BLESZYNSKI, STANISLAW	2,277,595	COURBIERE, CHRISTOPHE	2,312,526	FUR DIE	
BOIVIN, RICHARD	2,276,802	CYBERSCAN TECHNOLOGY,		ELEKTRONIKINDUSTRIE	
BONNET, JACQUELINE	2,313,302	INC.	2,312,337	GMBH	2,297,686
BONNIER, DENI	2,276,939	DAHLLOF, HAKAN	2,312,403	FILTERTEK INC.	2,313,069
BONNIER, DENI	2,313,357	DARWEN, HOWARD J.	2,312,500	FLOGEL, KARL	2,313,313
BOOSEY, MALCOLM DAVID	2,313,402	DAVIDSON, MICHAEL B.	2,313,371	FLORENCE, STEPHEN C.	2,310,991
BORISSOFF, THIERRY	2,312,549	DAVIES, ROBERT J.	2,276,883	FORD GLOBAL	
BORISSOFF, THIERRY	2,312,576	DAVIS, BRIAN T.	2,312,647	TECHNOLOGIES, INC.	2,313,157
BOSSO, SERGIO	2,313,280	DAWSON, MARY M.	2,304,886	FORD, ANDREW JOHN	2,312,586
BOUET, ETIENNE	2,276,971	DE NANTEUIL, GUILLAUME	2,313,302	FORT JAMES CORPORATION	2,313,181

**Index of Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001**

FORT JAMES CORPORATION	2,313,183	HENKEL		KARSTENMANUFACTURING CORPORATION	2,313,281
FOURNIER, JEAN FRANCOIS	2,313,271	KOMMANDITGESELLSC		KATAYAMA, TAKAYUKI	2,313,364
FRANZENE, BRIAN J.	2,313,069	HAFT AUF AKTIEN	2,313,356	KAWANO, SEIJI	2,313,364
FRASSATI, DAVIDE	2,313,280	HERNANDEZ, HOMAR	2,283,104	KAWASAKI STEEL CORPORATION	2,293,112
FRISKEN, STEVEN JAMES	2,313,311	HILAIRE, PASCAL	2,312,526	KAZEMI-TABRIZI, PARVANEH	2,313,281
FUSHIHARA, YASUNOBU	2,313,364	HILL, PETER COLLIN	2,313,311	KESKULA, DONALD H.	2,309,025
FYFE, KENNETH R.	2,312,640	HMS PRODUCTS, CO.	2,312,689	KESKULA, DONALD H.	2,310,170
FYFE, KIPLING W.	2,312,640	HOEY, LEONARD A.	2,311,013	KESKULA, DONALD H.	2,310,193
GAGNON, JEAN-MARC	2,276,934	HOFMANN, HANS	2,312,884	KETTLER, HEINZ	2,303,687
GALUP, CEDRIC	2,312,433	HOLDERBAUM, THOMAS	2,313,340	KIM, YONG-SHIN	2,313,336
GARLIE, DAVID EDWARD	2,277,009	HOLDERBAUM, THOMAS	2,313,356	KIMURA, TAKAYA	2,308,603
GARRETT, MICHAEL ERNEST	2,312,620	HOLLANDER, MILTON BERNARD	2,313,360	KITA, KENJIRO	2,308,603
GATTO, JEAN-MARIE	2,312,337	HOLLANDER, MILTON BERNARD	2,313,370	KLUGE, JENS	2,276,828
GATZEMEYER, JOHN J.	2,312,647	HONDA GIKEN KOGYO		KNERR, MICHAEL P.	2,298,161
GENERAL MOTORS CORPORATION	2,308,724	KABUSHIKI KAISHA	2,310,797	KOBAYASHI, TOSHIO	2,313,354
GENERAL MOTORS CORPORATION	2,309,025	HONDA GIKEN KOGYO		KOBAYASHI, TOSHIO	2,313,355
GENERAL MOTORS CORPORATION	2,310,170	KABUSHIKI KAISHA	2,313,184	KOBAYASHI, TOSHIO	2,313,665
GENERAL MOTORS CORPORATION	2,310,193	HONDA GIKEN KOGYO		KOVACS, STEPHEN F., II	2,313,436
GENERAL MOTORS CORPORATION	2,310,440	KABUSHIKI KAISHA	2,313,284	KOYAMA, KOUHEI	2,313,598
GENIN, PHILIPPE	2,311,587	HORTIMAT INC.	2,276,877	KOYAMA, KOUHEI	2,313,635
GERICKE, MICHAEL	2,313,615	HOSONO, YOSHIO	2,310,797	KREBS, ANDREAS	2,313,306
GHANMA, EMAN	2,299,018	HOUGH, BARRY MICHAEL	2,298,198	KUBICA, DANIEL J.	2,312,585
GHIONE, GIOVANNI	2,313,280	HOWE, MICHAEL W.	2,321,936	KUBICA, DANIEL J.	2,313,281
GIDDA, Satinder	2,274,873	HOWE, WALTER WESLEY	2,313,036	KUHLE, JORG	2,297,686
GIORDANO, TONY	2,311,168	HOWE, WALTER WESLEY	2,313,040	KUMAR, JIT	2,312,536
GIVAUDAN ROURE (INTERNATIONAL) S.A.	2,313,337	HOWE, WALTER WESLEY	2,313,111	KUPFER, RAINER	2,313,568
GLEADALL, ROBERT	2,276,953	HOWLETT, JOHN JOE JR.	2,312,228	KUPFER, RAINER	2,313,570
GLESSER, PHILIPPE	2,311,587	HUANG, SUJIAN J.	2,312,151	KUPFER, RAINER	2,313,574
GRENIER, PAUL	2,276,939	HUEBERT, DEAN R.	2,311,013	KURSHAN, ROBERT PAUL	2,312,628
GRENIER, PAUL	2,313,357	HUNTER, VAN	2,312,455	KVAERNER PULPING AB	2,312,403
GRETAG-MACBETH AG	2,312,529	HWANG, ARTHUR	2,277,459	LABRANCHE, BRUNO	2,276,939
GTE SERVICE CORPORATION	2,313,040	HWANG, SHUEN-CHENG	2,312,652	LABRANCHE, BRUNO	2,313,357
GTE WIRELESS SERVICE CORPORATION	2,313,036	ICHIM, THOMAS	2,315,249	LABRUNE, JEAN-LOUIS	2,314,166
GTE WIRELESS SERVICE CORPORATION	2,313,040	KEUCHI, KAZUKIKO	2,313,423	LAIPPLY, THOMAS C.	2,313,216
GTE WIRELESS SERVICE CORPORATION	2,313,111	ILLINOIS TOOL WORKS INC.	2,312,228	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,311,279
GUSTAVSSON, CARL	2,276,840	INNOSENSE S.R.L.	2,312,099	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,312,549
GYGAX, PETER	2,313,337	INSALL, JOHN	2,311,868	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,312,576
HABERLE, GUNTHER	2,313,418	INSTITUT NATIONAL D'OPTIQUE	2,276,939	LANE, MARK E.	2,313,371
HARRINGTON, JOHN LESLIE	2,312,228	INSTITUT NATIONAL D'OPTIQUE	2,313,357	LARSON, MARGARET J.	2,312,614
HARROW, CHARLES	2,277,629	IN-STORE PRODUCTS LIMITED	2,313,371	LAUTZENHISER, LLOYD L.	2,313,132
HASEGAWA, OSAMU	2,310,797	INTERLOCK GROUP LIMITED	2,313,402	LE GOC, MARC	2,314,175
HAYASHI, SHIGEO	2,313,122	ISHIKAWA, HIDEYUKI	2,313,354	LE STRAT, EVELYNE	2,276,971
HEIER, KARL HEINZ	2,313,568	ISHIKAWA, HIDEYUKI	2,313,355	LE STRAT, EVELYNE	2,313,411
HEIER, KARL HEINZ	2,313,570	ISHIKAWA, HIDEYUKI	2,313,665	LECOURT, LAURENT	2,314,173
HEIER, KARL HEINZ	2,313,574	ITW-ATECO G.M.B.H.	2,312,496	LEE, YANG SUP	2,309,527
HEILIGER, LUDGER	2,313,256	J.C. BAMFORD EXCAVATORS LIMITED	2,312,504	LEJEUNE, PHILIPPE	2,313,346
HEINEMANN, KLAUS	2,313,213	JACKSON, TERRY L.	2,276,987	LENK, DAMON J.	2,312,682
HEINZ KETTLER GMBH & CO.	2,303,687	JAGER LEZER, NATHALIE	2,312,669	LESAFFRE, FRANCOIS-MARIE	2,314,175
HELWIG, CHRISTIAN	2,314,297	JANSEN, ERIC P.	2,313,341	LITTLEJOHN, MARK B.	2,313,181
HENKEL		JAPAN TOBACCO INC.	2,310,896	LITTLEJOHN, MARK B.	2,313,183
KOMMANDITGESELLSC		JAWOREK, WILFRIED	2,313,306		
HAFT AUF AKTIEN	2,313,340	JONES, THOMAS R.	2,313,341		
		JUNG, DIETER	2,313,356		
		JUNG, MANFRED	2,313,597		
		KAHLKE, JOACHIM	2,313,213		
		KAMIDE, NOBUYA	2,293,112		
		KANDEL, EDWARD	2,313,069		
		KARSTENMANUFACTURING CORPORATION	2,312,585		

**Index des demandes canadiennes mises à la disponibilité du public  
31 décembre 2000 - 6 janvier 2001**

LIVIERO, CHRISTEL	2,312,528	MIZUNO CORPORATION	2,308,603	PIERRE, ALAIN	2,313,302
LOBLICK, NORTON	2,276,828	MONTAG, REINHARD	2,313,256	PIRELLI CAVI E SISTEMI S.P.A.	2,313,280
L'OREAL	2,312,433	MOODY, ROY MALCOLM	2,313,402	PIROLA, MARCO	2,313,280
L'OREAL	2,312,526	MOORE NORTH AMERICA, INC.	2,298,162	PITNEY BOWES INC.	2,313,296
L'OREAL	2,312,528	MOWERY, KENNETH D.	2,308,724	POINT2 INTERNET SYSTEMS INC.	2,315,327
L'OREAL	2,312,669	MOWERY, KENNETH D.	2,310,440	POWERS, GORDON D.	2,311,168
LUCENT TECHNOLOGIES INC.	2,312,014	MULLER, DOUG	2,313,157	POWERSCREEN INTERNATIONAL DISTRIBUTION LIMITED	2,313,266
LUCENT TECHNOLOGIES INC.	2,312,054	NAKAO, KAZUNARI	2,313,106	PRAXAIR TECHNOLOGY, INC.	2,313,274
LUCENT TECHNOLOGIES INC.	2,312,056	NAKAO, KAZUNARI	2,313,122	PREMARK FEG L.L.C.	2,313,962
LUCENT TECHNOLOGIES INC.	2,312,536	NAMJOSHI, KEDAR SHARADCHANDRA	2,312,628	PUGH, SYDNEY M.	2,312,264
LUCENT TECHNOLOGIES INC.	2,312,628	NAVARRO, JEAN-CLAUDE	2,312,145	PUVVADA, SUDHAKAR	2,313,128
M.V.T. MULTI VISION TECHNOLOGIES LTD.	2,312,683	NCR CORPORATION	2,277,629	QUANTEBELLO CORPORATION	2,276,832
MA, DONG-SUNG	2,313,336	NECULESCU, CRISTIAN M.	2,313,181	RAGNAR, MARTIN	2,312,403
MAC VALVES, INC.	2,313,341	NECULESCU, CRISTIAN M.	2,313,183	REGAN, JOSEPH	2,312,455
MAHADEVA, SHIVANTHA	2,313,157	NEER, MARGARET P.	2,313,181	REHBERG, KARSTEN	2,312,496
MALONEY, JAMES JOSEPH	2,313,274	NGUYEN, STEPHEN D.	2,311,013	RENWICK, PHILIP	2,313,157
MARIN, OVIDIU	2,312,549	NITSCH, CHRISTIAN	2,313,356	REPELLIN, JEROME	2,313,271
MARIN, OVIDIU	2,312,576	NORDGAARD, JOSEPH K.	2,312,014	RESEARCH IN MOTION LIMITED	2,313,265
MARTIN, GEOFF	2,313,157	NORTEL NETWORKS CORPORATION	2,308,649	RHEIN CHEMIE RHEINAU GMBH	2,313,256
MARTIN, GEORG	2,313,306	NORTEL NETWORKS CORPORATION	2,309,527	RICHTER, BERND	2,313,356
MARTIN, RICHARD	2,312,433	NORTEL NETWORKS CORPORATION	2,311,961	RIEDEL, BERND	2,313,213
MARTIN, RICHARD	2,312,526	NORTEL NETWORKS CORPORATION	2,312,455	RINIE, HUBERT	2,311,587
MASSIE, BASTIEN	2,276,971	NORTEL NETWORKS CORPORATION	2,312,500	RIPLEY, EUGENE V.	2,308,724
MASSIE, BASTIEN	2,313,411	NORTEL NETWORKS CORPORATION	2,312,455	RIPLEY, EUGENE V.	2,310,440
MATHEWS, RODERIC G.	2,321,936	NORTEL NETWORKS CORPORATION	2,312,455	RODER, PETER	2,313,565
MATHEYKA, THOMAS	2,314,297	NORTEL NETWORKS CORPORATION	2,312,500	ROLES, CLEMENCE	2,313,417
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,311,051	NORTEL NETWORKS LIMITED	2,313,411	ROONEY, JAMES K.	2,312,640
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,313,138	NOTHAFT, ALFRED	2,312,455	RUCHA, ROBERT J.	2,313,436
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,313,423	NOVAK, LARS	2,276,840	RUSCHKE, RICK R.	2,313,069
MATTHEWS, HERBERT L.	2,313,663	NOVARTIS NUTRITION AG	2,313,372	RUTTER, JOHN W.	2,312,614
MATTHEWS, JOHN	2,310,991	OETTINGER, OSWIN	2,313,597	S. C. JOHNSON & SON, INC.	2,312,647
MCCUSKER, DANIEL JAMES	2,313,266	OGAWA, TAICHI	2,310,797	S.C.A.I.M.E.S.A.	2,312,145
MCGRIFF, LYNN ALAN	2,313,962	OHTSU, AKIHITO	2,310,797	SAAID, OMAR	2,277,343
MCKAY, NORMAN J.	2,277,725	OROLOGIO, FURIO	2,305,604	SABATINI, MASSIMO	2,313,302
MCLEAN, CHRISTOPHER MELITTA	2,311,868	OSAKI, YUZURU	2,293,112	SARL AIM, SRL	2,312,561
HAUSHALTSPRODUKTE GMBH & CO. KG	2,313,213	OSMAN, GHASSAN M.	2,308,649	SATO, YOSHIHARU	2,293,112
MENASSA, CHERIF	2,312,402	OSTEN, FREDERICK F.	2,321,952	SAUVAGE, ALAIN	2,311,279
MERCHANT, GERALD	2,276,828	OTTO CORPORATION	2,293,112	SAXENA, NEERAJ	2,312,652
MESSAGE PHARMACEUTICALS, INC.	2,311,168	OXY-ARC REPAIRS & SERVICES LTD.	2,276,924	SAYAMA, YASUSHI	2,312,696
MICHELS, LESTER DAVID	2,313,372	OSAWA, TATSUYA	2,293,112	SCARANGELLO, JOSEPH G.	2,311,013
MILLENNIUM BIOLOGIX INC.	2,312,264	PALAMARA, MARIA E.	2,312,014	SCHIFFER, WERNER	2,313,213
MILLER, CLAYTON R.	2,311,868	PANCIATICHI, CRISTINA	2,313,258	SCOTT, FRANK F.	2,312,500
MILLTRONICS LTD.	2,277,595	PANDEY, RAJ N.	2,276,987	SEED RUBBER COMPANY LIMITED	2,313,598
MILNE, PETER JOHN	2,276,981	PANDEY, RUPESH N.	2,276,987	SEED RUBBER COMPANY LIMITED	2,313,635
MILOSAVLJEVIC, IVAN	2,312,549	PARENT, ANDRÉ	2,276,939	SGL TECHNIK GMBH	2,313,597
MINATO, HIRONAO	2,312,696	PARENT, ANDRÉ	2,313,357	SHAH, MINISH MAHENDRA	2,313,274
MISENER, D. LOWELL	2,312,264	PARK, SANG-HEE	2,313,336	SHERVINGTON, EVELYN ARTHUR	2,312,620
MITCHELL, RONALD EDWARD	2,276,981	PATMORE, AUDREY	2,311,868	SHINTANI, MASATOSHI	2,313,598
MITSUMI ELECTRIC CO., LTD.	2,313,364	PENG, WANG-HSIN	2,309,527	SHINTANI, MASATOSHI	2,313,635
MITSUO, SATOSHI	2,313,665	PENZOIL-QUAKER STATE COMPANY	2,321,936	SHIOTA, TOMIO	2,313,423
MIYANO, MASASHI	2,310,896	PERASSO, ALDO	2,313,280	SHOEMAKER, JIM MILTON	2,298,198
		PETERSON, CURTIS J.	2,313,060	SINGH, AMARDEEP	2,312,151
		PETERSON, STEVE	2,312,151	SINGH, DARIUS	2,313,157
		PETREY, MICHAEL J.	2,313,040	SLAYTON, MICHAEL	2,313,128
		PETTY, NORMAN W.	2,312,054		
		PFIZER INC.	2,313,106		
		PFIZER INC.	2,313,122		
		PHOTONIC TECHNOLOGIES PTY LTD.	2,313,311		

**Index of Canadian Laid-Open Applications  
December 31, 2000 - January 6, 2001**

SMITH INTERNATIONAL, INC.	2,312,151	U.S. NATURAL RESOURCES, INC.	2,298,161
SMITH, LARRY L.	2,312,614	UCHIDA, TETSURO	2,293,112
SMITH, REGINALD W.	2,312,264	UHLENBROCK, JOHANNES	2,313,565
SMITH, TIMOTHY J.N..	2,312,264	ULTRASONIC SERVICES, INC.	2,313,035
SMITHS INDUSTRIES PUBLIC LIMITED COMPANY	2,312,586	UNI-CHARM CORPORATION	2,312,666
SOFTLINK	2,313,346	UNI-CHARM CORPORATION	2,312,696
SOFY, HUGH M.	2,312,689	UNI-CHARM CORPORATION	2,313,354
SOLLAC	2,312,672	UNI-CHARM CORPORATION	2,313,355
SOLLAC	2,312,673	UNI-CHARM CORPORATION	2,313,665
SOLLAC	2,312,674	UNILEVER PLC	2,313,128
SOLLAC	2,314,175	VARIN, Luc	2,274,873
SOLLAC	2,314,177	VIARDOT, MICHEL	2,312,549
SOLLAC	2,314,533	VIARDOT, MICHEL	2,312,576
SOLODZ, MAX AARON	2,312,014	VIAUD, JEAN	2,313,271
SONOTECH, INC.	2,312,614	VISION PACKAGING SYSTEMS LLC.	2,314,297
SONY CORPORATION	2,313,611	VON ORELLI, ADRIAN	2,312,529
SPURR, PAUL	2,313,379	WADA, MITSUHIRO	2,312,666
STEVENS, RODNEY WILLIAM	2,313,106	WELZEN, JOSEPH A.	2,276,888
STEVENS, RODNEY WILLIAM	2,313,122	WENDT, GREG A.	2,313,181
ST-JACQUES, JEAN L.	2,277,727	WESTEN, JOACHIM	2,313,306
STORRIE, JOHN A.	2,312,500	WILKEN, MARK R.	2,311,013
STURIES, JENS	2,312,496	WILLICK, BARRY	2,315,327
SUGINOBU, KOH	2,292,191	WILLICK, WENDELL	2,315,327
SUITOR, NEILL	2,313,266	WINSTON, EDITH	2,311,102
SUSSMEIER, JOHN W.	2,313,296	WITSCHORIK, CHARLES ARTHUR	2,312,056
TACKABERRY, BRETT M.	2,277,725	WOLF, KARSTEN	2,313,340
TAEGER, EBERHARD	2,313,213	WRIGHT, ERON	2,315,327
TAKEMOTO, HIDEHARU	2,310,797	WRIGHT, RONALD D.	2,312,645
TAKESHITA, KANEYOSHI	2,313,611	YAN, GONGPU	2,313,962
TAMAI, SHIGERU	2,313,598	YANAGIDA, TOSHIHARU	2,313,611
TAMAI, SHIGERU	2,313,635	YOSHIMOTO, TAKAYUKI	2,313,364
TAMURA, NOZOMU	2,293,112	YUN, SUN-JIN	2,313,336
TANAMAL, LINGGAWATI	2,311,868	ZANELLO, PHILIPPE	2,314,536
TANGE, KYOICHI	2,312,534	ZHONG, ZHAOHUI	2,315,249
TELECOMMUNICATIONS RESEARCH LABORATORIES	2,276,883		
TELEFONAKTIEBOLAGET LM ERICSSON	2,276,840		
TEMELES, GRETCHEN L.	2,311,168		
TERADA, YASUHIRO	2,311,051		
TESMA INTERNATIONAL INC.	2,313,615		
THE BOC GROUP PLC	2,312,620		
THE BOC GROUP, INC.	2,312,652		
THIRION, CLAUDE	2,314,175		
THOMAS & BETTS INTERNATIONAL, INC.	2,312,645		
THOMAS JOSEF HEIMBACH GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG & CO.	2,312,884		
TOETSCHINGER, MARK J.	2,304,886		
TOMASSONI, GABE	2,276,932		
TONG, WEN	2,276,971		
TONG, WEN	2,313,411		
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,312,534		
TRICKES, GEORG	2,313,379		
TRW INC.	2,311,010		
TRW INC.	2,311,013		
TRW INC.	2,311,021		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

ACCIAI SPECIALI TERNI S.P.A.	2,325,537	BAYER, UWE	2,325,420	CHAKI, SHIGEYUKI	2,324,550
ACKER, DAVID E.	2,325,540	BECKER, ANJA N.	2,325,400	CHALUS, LIONEL	2,323,083
ACTINOVA LIMITED	2,324,981	BEHOLZ TECHNOLOGY, L.L.C.	2,325,732	CHANG, ZHIJIE	2,324,976
ADERHOLD, DIRK	2,324,546	BEHOLZ, LARS GUENTER	2,325,732	CHAUDHURI, BHASKAR	2,325,553
ADVANCED ORDANCE CORPORATION	2,325,502	BELDEN WIRE & CABLE COMPANY	2,324,599	CHEN, XIAO TAO	2,324,616
AKAHANE, ATSUSHI	2,325,736	BELOIT TECHNOLOGIES, INC.	2,325,687	CHEN, YAO-TSENG	2,324,975
AKZENTA PANELE + PROFILE GMBH	2,312,822	BELOIT TECHNOLOGIES, INC.	2,325,698	CHENG, XING C.	2,325,417
AKZO NOBEL N.V.	2,325,729	BELOIT TECHNOLOGIES, INC.	2,325,724	CHIM, MING FAI	2,325,553
ALLEN, STEPHEN R.	2,325,545	BERGSTRAND, HAKAN	2,324,582	CHO, EUI-BOO	2,325,534
ALLIED HEALTHCARE PRODUCTS, INC.	2,324,529	BERTEK PHARMACEUTICALS INC.	2,325,553	CHO, EUI-BOO	2,325,696
ALTMAYER, TERRY ROBERT	2,325,549	BETTESS, MICHAEL DAVID	2,324,591	CHONG, PELE	2,324,983
AMBURGEY, JACK SNYDER JR.	2,324,590	BETULA SCHUH GMBH	2,324,558	CHORUM TECHNOLOGIES, INC.	2,325,711
AMUNDSEN, THOMAS	2,325,527	BIOSENSE INC.	2,325,540	CINADR, BERNARD FRANK	2,325,688
ANDERSCH, WOLFRAM	2,325,526	BIRKENSTOCK, CHRISTIAN	2,324,558	CLARKE, PHILOMENA J.	2,325,557
ANNADURAI, RAMASAMY SAMBASIVAM	2,324,556	BJORCK, LARS HENRIK	2,324,981	CLARKE, RONALD C.	2,325,557
ANTIPA, ADRIAN	2,324,621	BLACK, DONALD LEE	2,324,523	COLAVITO, STEPHEN J.	2,325,527
APACK AG FUR BIOLOGISCHE VERPACKUNGEN	2,324,575	BLAKE, ROBERT E.	2,325,527	COLLINS, STEVEN	2,324,567
ARAD-YELLIN, RINA	2,325,542	BOEHR, CHRISTOPHER K.	2,325,137	COLLINS, TIMOTHY D.	2,325,531
ARSENAULT, CATHLEEN M.	2,325,422	BORDERS, RICHARD L.	2,325,543	COLOR WINGS B.V.	2,324,542
ASTRAZENECA AB	2,324,582	BOSTON SCIENTIFIC LIMITED	2,325,393	COON, DENNIS C.	2,325,543
ASTRAZENECA AB	2,325,530	BRAHM, DAVID A.	2,324,606	COORS, CARSTEN	2,325,400
ATMEL CORPORATION	2,325,423	BRANDSTETTER, TILMANN	2,325,396	CORNING INCORPORATED	2,325,545
AU, KA MAN	2,325,527	BREIT, ULRICH	2,325,726	CORNING INCORPORATED	2,325,730
AUER, GERHARD	2,324,527	BRESAGEN LIMITED	2,324,591	COTY INC.	2,325,547
AUSTRALIAN WATER TECHNOLOGIES PTY LTD.	2,324,554	BRETSCHNEIDER, THOMAS	2,325,526	COX, JON A.	2,325,733
AUTO IMAGE ID, INC.	2,324,626	BRIDON, STEVEN R.	2,325,531	CRAIG, ANDREW SIMON	2,324,612
AUTOMOTIVE SYSTEMS LABORATORY, INC.	2,319,001	BRIGGS, STEPHEN WILLIAM	2,324,601	CRYOVAC, INC.	2,324,595
AVENTIS PASTEUR LIMITED	2,324,983	BROWN, CHARLES RUPERT TELFORD	2,324,596	CYRANO SCIENCES, INC.	2,325,137
AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG	2,325,396	BROWN, DALE A.	2,325,724	DAEYAERT, FREDERIK FRANS DESIRE	2,324,921
AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG	2,325,420	BROWN, DANIEL P.	2,319,194	DAGSLAND, ALLAN	2,325,530
AZUMA, MITSUYOSHI	2,324,566	BROWN, ROBERT WALTER	2,324,523	DAHMEN, JAN	2,324,582
BAAR, ANDREAS GERHARD	2,324,575	BUBNOSKI, DAVID P.	2,324,626	DAHN, JEFFERY R.	2,325,425
BACKMAN, ARTHUR LEONARD	2,325,688	BUCKETT, MARY M.	2,325,425	DAIMLERCHRYSLER AG	2,325,726
BAKER, CRAIG A.	2,325,415	BUCKEYE STEEL CASTINGS COMPANY	2,324,618	DAIRY PRODUCTS SUPPLY	2,324,597
BARBARA ANN KARMANOS CANCER INSTITUTE	2,324,602	BUCKS, DANIEL	2,325,553	DANISHEFSKY, SAMUEL J.	2,324,616
BASF AKTIENGESELLSCHAFT	2,324,973	BUENO CERESUELA, JORGE	2,324,924	DE CORTE, BART	2,324,921
BATES, ELIZABETH ESTER MARY	2,323,083	BUINING, JAN	2,324,597	DE JONGE, MARC RENE	2,324,921
BAYER AKTIENGESELLSCHAFT	2,324,527	BULJAN, SERGEJ-TOMISLAV	2,324,578	DE, BISWANATH	2,324,590
BAYER AKTIENGESELLSCHAFT	2,325,144	BULKO, JOHN M.	2,325,532	DEFOSSE, ERIN, M.	2,324,563
BAYER AKTIENGESELLSCHAFT	2,325,526	BURNS, SEAN P.	2,319,001	DEHENNIS, ANDREW D.	2,325,527
		BUSTAMANTE, HERIBERTO ALEJANDRO	2,324,554	DEJOSEPH, ANTHONY B.	2,325,531
		CABLETRON SYSTEMS, INC.	2,324,569	DEKA PRODUCTS LIMITED PARTNERSHIP	2,324,611
		CAMERON, STEPHEN D.	2,325,695	DELONG, MITCHELL ANTHONY	2,324,590
		CAO, XU	2,324,976	DEPARTMENT OF THE ARMY, U.S. GOVERNMENT	2,325,689
		CAREY, JACQUELINE ANNE	2,324,601	DETERMAN, ROBERT EDWIN	2,325,688
		CARMAN, ROBERT A.	2,324,622	DEUTSCHE TELEKOM AG	2,325,528
		CARUSO, MICHELE	2,324,610	DICKSON, LEROY	2,325,527
		CAULFIELD, H. JOHN	2,324,602	DIGITAL OPTICS CORPORATION	2,324,600
		CENTENNIAL TECHNOLOGIES, INC.	2,325,555	DINGLER, CHRISTOPH	2,324,973
		CERTAINTED CORPORATION	2,325,692	DOKKEN, TOR	2,325,862
		CERTICOM CORP.	2,324,621	DOLLINGER, MARKUS	2,325,526

## Index of PCT Applications Entering the National Phase

DOMENECH SENDRA, EDUARDO	2,324,924	GOOD, TIMOTHY A.	2,325,527	KAMEN, DEAN L.	2,324,611
DOOLITTLE, RICHARD D.	2,324,602	GORE ENTERPRISE HOLDINGS, INC.	2,325,141	KARAMAN, MARILYN E.	2,324,554
DORSCH, ANDREAS THOMAS JOHANNES	2,324,542	GORMAN, DANIEL M.	2,323,083	KASA, JOHANNES	2,325,862
DRAKE, GERALD E.	2,325,422	GOTOH, MAKATO	2,324,550	KATHMAN, ALAN D.	2,324,600
DREWES, MARK WILHELM	2,325,526	GRAFF, ALAN	2,325,526	KATINAKIS, NIKOS	2,325,401
DUHM, LYDIA	2,325,552	GRAKAUSKAS, KENNETH	2,325,533	KAUFHOLD, JURGEN	2,325,528
DUPONT PHARMACEUTICALS COMPANY	2,324,555	GRAY, LARRY B.	2,324,611	KAVASH, ROBERT W.	2,324,921
DURACELL INC.	2,325,397	GRAZIANO, MICHAEL A.	2,325,531	KEECH CASTINGS AUSTRALIA PTY. LIMITED	2,324,562
EBERHARD, MARTIN F.	2,325,134	GREGERSEN, MATTHEW	2,325,687	KEECH, DAVID KIM	2,324,562
ECKERSTORFER, GERALD	2,325,537	GUPTA, ASHWANI K.	2,324,972	KEECH, GARTH ALEXANDER	2,324,562
EDEL, THOMAS G.	2,319,409	GURE, ALI	2,324,975	KELM, RON L.	2,325,133
EDWARDS, D. SCOTT	2,324,555	HAGENAH, GERHARD	2,324,592	KENNY, ROBERT D.	2,324,599
EFFING, JOCHEM J.	2,325,400	HAHN, JAMES C.	2,324,626	KHANDHADIA, PARESH S.	2,319,001
EILAT, ERAN	2,325,542	HALLOCK, JOHN SCOTT	2,324,595	KING, DAVID R.	2,325,141
EISERMANN, RALF	2,312,822	HAMMIS, JAMES F.	2,325,555	KINION, KEVIN F.	2,325,502
ELINSKI, RANDALL	2,325,692	HARRIS, THOMAS D.	2,324,555	KIRK, RICHARD L.	2,324,569
ELLIS, WILLIAM Y.	2,325,689	HAUER, BERNHARD	2,324,973	KIRYUSCHEV, IRINA	2,324,544
EMMERSON, GEOFFREY	2,324,541	HAYNES, ALAN GEORGE	2,324,546	KLAUCK, WOLFGANG	2,325,552
ERDELEN, CHRISTOPH	2,325,526	HEERES, JAN	2,324,921	KLEIN, MICHEL H.	2,324,983
ERTL, HARALD	2,325,726	HEILIG, GERHARD	2,325,144	KLEMAREWSKI, ANDRZEJ MAREK	2,325,374
ETHERIDGE, CHARLES O.	2,325,133	HEINECKE, DIETER	2,325,419	KLUWE, GEORGE E.	2,325,502
EXCEL SWITCHING CORPORATION	2,325,539	HELLMICH, WOLFRAM	2,325,392	KNOWLES, CARL HARRY	2,325,527
EXPAND NETWORKS LTD.	2,324,608	HEMINWAY, STUART J.	2,324,555	KNUTH, ALEXANDER	2,324,975
EXXON RESEARCH AND ENGINEERING COMPANY	2,325,695	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,325,552	KNUTSSON, JENS	2,325,731
FAIRLEY, PETER	2,324,596	HESSION, JOHN A.	2,325,397	KOHN, GABRIEL SHLOMO	2,324,529
FAN, BUNSEN	2,324,607	HFD HALF PIPE DEBARKER AB	2,324,579	KOLBLI, BERTRAM	2,325,418
FARIS, SADEG MUSTAFA	2,324,607	HILL-ROM, INC.	2,325,532	KOLIS, GEORGE	2,325,527
FELDMAN, MICHAEL R.	2,324,600	HILL-ROM, INC.	2,325,543	KONIG, AXEL	2,325,418
FENICAL, WILLIAM	2,325,417	HINDRIKS, JAKOBUS	2,324,542	KOOSHESH, FATEMEH	2,324,972
FICHT GMBH & CO. KG	2,325,392	HINTERMANN, SAMUEL	2,324,616	KOYMANS, LUCIEN MARIA HENRICUS	2,324,921
FINOCCHIARO, SYLVIE A.	2,325,547	HIRABAYASHI, KAZUKO	2,325,550	KRAMER, GERALD J.	2,325,724
FIRST UNION CORPORATION	2,324,548	HO, CHIH YUNG	2,324,921	KRAUSE, LARRY J.	2,325,425
FISCHER, REINER	2,325,526	HOECHST MARION ROUSSEL	2,324,584	KRETZSCHMAR, GERHARD	2,325,396
FLEXIBLE PRODUCTS COMPANY	2,319,194	HOFFMANN, FRANK	2,324,604	KROUPA, KEVIN DONALD	2,324,529
FLOW INTERNATIONAL CORPORATION	2,324,622	HOHENBICHLER, GERALD	2,325,537	KRUGER, RALF	2,325,144
FMC CORPORATION	2,325,133	HOLLANDERS, PETER	2,324,542	KUDRYASHOV, VALERY	2,324,616
FORD MOTOR COMPANY	2,325,549	HONEYWELL AG	2,325,418	KUDUK, SCOTT	2,324,616
FRANK, WERNER	2,325,528	HOPPE, HANS-ULRICH	2,325,396	KUKLA, MICHAEL JOSEPH	2,324,921
FRICK, INGA-MARIA	2,324,981	HUNTSMAN ICI CHEMICALS LLC	2,324,587	KUMAGAI, TOSHIHIRO	2,324,550
FUJISAWA PHARMACEUTICAL CO., LTD.	2,325,736	HUTCHISON, JERRY D.	2,324,569	KURAMOTO, MASAHIKO	2,324,923
FURNARY, ANTHONY P.	2,325,143	HYP, ERIC D.	2,325,529	LAFOUNTAIN, ROBERT L.	2,324,622
GALLANT, ROBERT	2,324,621	IDEMITSU PETROCHEMICAL CO., LTD.	2,324,923	LAILACH, GUNTER	2,324,527
GARDNER, WILLIAM H.	2,325,397	INOUE, JUN	2,324,566	LAITY, THOMAS H.	2,325,725
GENESYS TELECOMMUNICATIONS LABORATORIES, INC.	2,324,615	INOUE, YOSHIKAZU	2,325,736	LAKOWICZ, JOSEPH R.	2,325,140
GERBRON, JACQUES A.	2,325,547	INVITROGEN CORPORATION	2,325,399	LAM, STANLEY	2,324,596
GERMAINE, GENNADY	2,325,527	ISOCHRON DATA CORPORATION	2,324,563	LEBECQUE, SERGE J.E.	2,323,083
GERONI, CRISTINA	2,324,610	IWASA, SUSUMU	2,324,568	LEHTINEN, MARKKU SAKARI	2,325,697
GHOSH, SANKAR	2,325,527	IYER, VENKATRAMAN NARAYANASWAMY	2,324,594	LEITER, KLAUS	2,325,395
GILLESPIE, THOMAS E.	2,325,725	JACOBS, ALEXANDRA	2,324,564	LEPILLEUR, CAROLE ANGELE	2,325,688
GISBY, DOUGLAS	2,324,615	JAGER, ELKE	2,324,975	LETA, DANIEL PAUL	2,325,695
GLAXO GROUP LIMITED	2,324,524	JANSEN, RUDOLPH	2,324,979	LEWIN, PER THOMAS	2,325,535
GLAXO GROUP LIMITED	2,325,551	JANSEN PHARMACEUTICA N.V.	2,324,921	LIEB, FOLKER	2,325,526
GLEASON, CURTIS A.	2,324,540	JANSSEN, PAUL ADRIAAN JAN	2,324,921	LITTRUP, PETER J.	2,324,602
GLUNZ, PETER	2,324,616	JAYACHANDRAN, ANURADHA	2,324,594	LIU, SHUANG	2,324,555
GOBEL, JOHANN	2,325,726	JENSEN, PAUL R.	2,325,417	LIU, YONGHUI H.	2,325,133
GOHAM, THOMAS D.	2,325,529	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	2,324,546	LIVINGSTON, PHILIP O.	2,324,616
GOLD, MARK N.	2,325,733	JOLLIFFE, DAVID VICTOR	2,324,541	LLOYD, KENNETH O.	2,324,616
GOLEMB, KIM EDWARD	2,324,529	JOLLIFFE, STEVEN PAUL	2,324,541	LOLKES, PETER	2,325,418
GONZALEZ, PETER CHRISTOPHER	2,324,529	JONES, WILLIAM C., JR.	2,324,618	LOVETT, LEON C.	2,325,733
		KALKSTEIN, NIR	2,324,608	LOWE, ROBERT I.	2,325,143
		KAMBOJ, RAJENDER	2,324,972	LUDOVICI, DONALD WILLIAM	2,324,921
				LUDOVICI, KARL	2,324,597
				LUDWIG INSTITUTE FOR CANCER RESEARCH	2,324,975
				LUIJKX, CORNELIUS PETRUS MARIA	2,324,593
				MAGOFFIN, HOWARD G.	2,325,136

## Index des demandes PCT entrant en phase nationale

MAJOLO, MARTIN	2,325,552	PINKERTON, JOHN W.	2,325,725	SF-KOOPERATION GMBH	
MALANEY, JAMES	2,324,540	PINKOW, CHRISTOPHER J.	2,325,529	BETON-KONZEPTE	2,324,592
MALETSKY, KERRY	2,325,423	POLLACK, RICHARD STEPHEN	2,324,523	SHANKER, SIVARAJ	2,324,554
MAO, OU	2,325,425	POLLEY, RICHARD B.	2,324,618	SHEPODD, TIMOTHY JON	2,324,588
MARRIOTT, CHRISTOPHER	2,325,551	POLLIZZOTTI, RICHARD S.	2,325,695	SHI, XINGMING	2,324,976
MARSHALL, GILLIAN FIONA	2,324,567	PORTER, TODD A.	2,324,618	SHIRAKI, YASUSHI	2,324,923
MARTIN, GARY PETER	2,325,551	PROTEUS THERAPEUTICS, INC.	2,325,546	SHIWAKU, TOSHIO	2,324,564
MCCLAIN, JAMES B.	2,325,533	PULKOWSKI, JEFFREY	2,325,687	SHORT, JAY M.	2,325,399
MCCLURE, DONALD J.	2,325,425	QUAK, EWALD	2,325,862	SIA, CHARLES, D. Y.	2,324,983
MCCOLLUM, JERRY L.	2,325,133	QUAN, AHN B.	2,323,083	SICHER, ALAN E.	2,325,401
MEISEN, ULRICH	2,324,527	QUI, XIANGXIAO	2,325,691	SIEKIERKA, THOMAS J.	2,324,599
METROLOGIC INSTRUMENTS, INC.	2,325,527	RAGUPATHI, GOVINDASWAMI	2,324,616	SILCLEAR LIMITED	2,324,601
MICELL TECHNOLOGIES, INC.	2,325,533	RAJOPADHYE, MILAND	2,324,555	SIMCOE, ROBERT	2,324,569
MIDDELMAN, ERIK	2,325,729	RAMANATH, SRINIVASAN	2,324,578	SIMMEL, THOMAS L.	2,325,415
MILLER, JEFFREY ALAN	2,324,529	RASANEN, JUHA	2,325,693	SINGH, PRAHLAD, R.	2,324,555
MILLER, PAUL J.	2,325,393	RATHER, JOHN D. G.	2,324,602	SINGLETON, TEME FORREST	2,325,394
MINAGAWA, MASATOSHI	2,325,736	RATHJEN, JOY	2,324,591	SLOAN-KETTERING INSTITUTE	
MINNESOTA MINING AND MANUFACTURING COMPANY	2,325,400	RATHJEN, PETER DAVID	2,324,591	FOR CANCER RESEARCH	2,324,616
MINNESOTA MINING AND MANUFACTURING COMPANY	2,325,422	REIS, BRADLEY E.	2,325,141	SMITHKLINE BEECHAM P.L.C.	2,324,612
MINNESOTA MINING AND MANUFACTURING COMPANY	2,325,425	REN, BROOKE Q.	2,325,393	SOCIETE DES PRODUITS	
MISAKI, MASAFUMI	2,324,568	REVEO, INC.	2,324,607	NESTLE S.A.	2,324,924
MITSUBISHI DENKI		REZAI, EBRAHIM	2,325,534	SOKURENKO, WILLIAM E.	2,325,529
KABUSHIKI KAISHA	2,325,421	REZAI, EBRAHIM	2,325,696	SOMMERFELD, CLAUDI-DIETER	2,325,144
MOORE NORTH AMERICA, INC.	2,325,531	RHODIA INC.	2,324,934	SONY COMPUTER	
MORITA, TORU	2,325,138	RIEBE, MICHAEL THOMAS	2,324,524	ENTERTAINMENT INC.	2,325,138
MORRIS, ROBERT A.	2,324,540	RIPAMONTI, MARINA	2,324,610	SOPER, DAVID LINDSEY	2,324,590
MORRISON, WILLIAM T., JR.	2,324,548	ROCKSTEIN, GEORGE B.	2,325,527	SOUTHCO, INC.	2,325,529
MORS, VOLKER	2,324,564	ROMACK, TIMOTHY J.	2,325,533	SPATAFORE, PAT L.	2,324,626
MOSCATO, ANTHONY	2,325,531	ROMANKO, KIMBERLY A.	2,325,422	SPENCER, MICHAEL LEONARD	
MOSSBERG, JONATHAN E.	2,325,502	ROTHACKER, ANDREAS	2,324,587	WILLIAM	2,324,546
MULLIN, RONALD C.	2,324,621	RUANO DEL CAMPO, MIGUEL	2,324,924	SRINIVAS, MALLADI	2,324,556
MULTHOFF, GABRIELE	2,325,735	RUBERRY, MARY	2,325,134	STANLEY, H., MARK III	2,325,546
MULTISCIENCE SYSTEM PTE. LTD.	2,324,620	SAKAI, KUNIKAZU	2,324,584	STAVRULOV, IGOR	
MUNROE, DONALD G.	2,324,972	SAKAMOTO, YUJI	2,324,566	ANATOLIEVICH	2,324,528
MURAI, HIDESHI	2,325,421	SALAFSKY, JOSHUA SAMUEL	2,325,729	STEINTHAL, M. GREGORY	2,325,137
MYERS, RANDY ALLEN	2,325,526	SAMES, DALIBOR	2,324,616	STEMCO, INC.	2,325,733
NACHENBERG, CAREY	2,325,544	SAN MARTIN, JESUS	2,324,924	STERN, ALAN JOSEPH	2,324,934
NAGAMINE, MASASHI	2,324,550	SANDBERG, ODD	2,324,603	STICHTING VOOR DE	
NAKAYAMA, ROBERT K.	2,325,137	SANDIA CORPORATION	2,324,588	TECHNISCHE	
NAKAZATO, ATSURO	2,324,550	SANKHE, TUSHAR		WETENSCHAPPEN	2,324,979
NIHON NOHYAKU CO., LTD.	2,324,550	PANDURANG	2,324,594	STOCKERT, ELISABETH	2,324,975
NIPPON SHINYAKU CO., LTD.	2,325,550	SANZO, ROGER F.	2,324,618	STOLLER, MARSHALL L.	2,324,540
NOKIA NETWORKS OY	2,325,693	SARGEANT, SEAN A.	2,325,397	STRATOS LIGHTWAVE, INC.	2,324,565
NOONAN, MICHAEL E.	2,325,539	SARNSTRAND, BENGT	2,324,582	STRUBE, LUTZ	2,325,419
NORDHAGEN, ELSE	2,325,862	SATO, HARUHITO	2,324,923	STUCKY, DAVID J.	2,325,692
NORTON COMPANY	2,324,578	SATO, YUSUKE	2,324,584	SUARATO, ANTONINO	2,324,610
NPS ALLELIX CORP.	2,324,972	SCHERING CORPORATION	2,323,083	SUBBA RAO, PILLARISETTI	
NUVOMEDIA, INC.	2,325,134	SCHMALBACH-LUBECA AG	2,325,419	VENKATA	2,324,556
OHL, THEODOR	2,325,418	SCHMITZ, THEODORE JOSEPH	2,325,688	SUNSHINE, STEVEN A.	2,325,137
OHSOL, ERNEST O.	2,325,725	SCHNEIDER, UDO	2,325,526	SVENSSON, ANG KE	2,324,579
OLD, LLOYD, J.	2,324,975	SCHOBER GMBH WERKZEUG- UND MASCHINENBAU	2,324,581	SYMANTEC CORPORATION	2,325,544
OLEDAL, JAN	2,324,579	SCHOFIELD, BRUCE A.	2,324,569	SZMACINSKI, HENRYK	2,325,140
OUTOKUMPU OYJ	2,325,548	SCHOFIELD, PHILIP W.	2,324,565	TAFT, MICHAEL A.	2,325,532
PASHLEY, RICHARD MARK	2,324,554	SCHOULS, LEENDERT		TAISHO PHARMACEUTICAL	
PENNEKAMP, RICHARD		MARINUS	2,324,979	CO., LTD.	2,324,550
ARNOUT OTTO	2,324,542	SCHREBE, GARY	2,325,533	TAKEDA CHEMICAL	
PERSSON, MAGNUS	2,325,731	SCHROPP, RUDOLF		INDUSTRIES, LTD.	2,324,568
PETERS, DIANA	2,324,972	EMMANUEL ISIDORE	2,325,729	TAKENAKA, KOHEI	2,325,736
PFEIFER & LANGEN	2,324,597	SCHULZE, MARK DOUGLAS	2,324,524	TAMURA, TAKAO	2,324,923
PHARMACIA & UPJOHN S.P.A.	2,324,610	SCHUY, WERNER	2,324,527	TANAKA, SHINJI	2,324,923
PHILIPPS, JOSEPH H., JR.	2,323,083	SCHWARTZ, JACOB B.	2,324,616	TARPENNING, MARC E.	2,325,134
PICKERING, RICHARD B.	2,324,615	SCOTT, IAN A.	2,325,527	TELEFONAKTIEBOLAGET LM	
		SEALAND, SEM	2,323,083	ERICSSON	2,325,401
		SEED CAPITAL INVESTMENTS-2 (SCI-2) B.V.	2,324,979	TELEFONAKTIEBOLAGET LM	
		SEKI, JUNZO	2,325,550	ERICSSON	2,325,535
		SENJU PHARMACEUTICAL CO., LTD.	2,324,566	TELEFONAKTIEBOLAGET LM	
				ERICSSON	2,325,731
				TEMCOR	2,324,606



## Index of PCT Applications Entering the National Phase

THE AUSTRALIAN NATIONAL UNIVERSITY	2,324,554	WEISS, ROGER E.	2,324,565
THE B.F. GOODRICH COMPANY	2,325,688	WELCH, WILLIAM HUDSON	2,324,600
THE GOODYEAR TIRE & RUBBER COMPANY	2,324,523	WETCHOLOWSKY, INGO	2,325,526
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA	2,324,974	WHIKEHART, J. WILLIAM	2,325,549
THE MOBILE MEDIA COMPANY AS	2,325,862	WIEDMANN, WILLIAM A.	2,325,529
THE OHIO STATE RESEARCH FOUNDATION	2,325,691	WILLIAMS, LAWRENCE	2,324,616
THE PROCTER & GAMBLE COMPANY	2,324,590	WILLISTON, WILLIAM, H.	2,324,578
THE PROCTER & GAMBLE COMPANY	2,324,594	WILZ, DAVID M.	2,325,527
THE PROCTER & GAMBLE COMPANY	2,325,534	WINN, LAWRENCE B.	2,325,733
THE PROCTER & GAMBLE COMPANY	2,325,696	WINTERBOURN, DUNCAN JOHN WILLIAM	2,324,546
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,325,417	WITTMAIER, KLAUS	2,324,581
THE SECRETARY OF STATE FOR DEFENCE	2,324,567	WORLD GOLF SYSTEMS LTD.	2,324,541
THE UAB RESEARCH FOUNDATION	2,324,976	WOS, JOHN AUGUST	2,324,590
TICONA GMBH	2,324,564	WULF, STEFAN	2,324,564
TIEU, LOC B.	2,325,529	XU, JING-YU	2,325,711
TOBO, LLC	2,325,143	XU, ZHONG HUA	2,324,620
TOMISAWA, KAZUYUKI	2,324,550	YADLOWSKY, MICHAEL J.	2,325,730
TRI-CLOVER, INC.	2,325,426	YAGNIK, CHETAN KANTILAL	2,324,594
TSANG, SOLAM	2,324,975	YAMAGATA, YUTAKA	2,324,568
TUFF-N-NUFF U.S.A., INC.	2,325,136	YANO, YASUHIRO	2,325,421
TURNER, RAYMOND JOSEPH	2,324,974	YEANEY, GERALD L.	2,325,532
TURNER, ROBERT L.	2,325,425	YONES, DALE LEE	2,324,523
UDDEHOLM TOOLING AKTIEBOLAG	2,324,603	YOSHIDA, MASANORI	2,324,550
UNILEVER PLC	2,324,596	YOSHIDA, YUKUO	2,324,566
UNIPURE CORPORATION	2,325,725	ZAIDENBERG, LEV	2,324,544
UNIVERSITY OF MARYLAND, BALTIMORE	2,325,140	ZEIDERS, GLENN W.	2,324,602
UROSURGE, INC.	2,324,540	ZENG, XIAN MING	2,325,551
URSCHELER, ROBERT	2,325,698	ZHANG, QINGHUA HOWARD	2,325,691
UYEHARA, LANCE	2,325,134	ZHOU, SHU-ANG	2,325,535
VAN EMBDEN, JOHANNES DIRK ANTHONIE	2,324,979	ZHU, XIAOXUN	2,325,527
VAN GORCOM, ROBERT	2,324,973	ZIEMANN, OLAF	2,325,528
VAN ZEIJL, CORA	2,324,973	ZIMMERLY, ROBERT D.	2,325,426
VANSTONE, SCOTT A.	2,324,621		
VILO, JAAKKO	2,325,548		
VISSON IP, LLC	2,324,544		
VLADIC, DANIEL P.	2,324,565		
VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH	2,325,537		
VRAHOPOULOU, ELISAVET P.	2,325,695		
VYAS, TEJAL B.	2,324,972		
WAGNER, CHRISTOPH	2,325,726		
WALDER, GERHARD	2,325,395		
WALDIN, RAY SOON JR.	2,325,544		
WANG, LIN	2,325,534		
WANG, LIN	2,325,696		
WARD, BENNETT CLAYTON	2,324,564		
WARD, NEAL	2,324,612		
WATANABE, MASAMI	2,324,923		
WAXMAN, CORY	2,325,557		
WEATHERFORD/LAMB, INC.	2,325,394		
WEI, WINSTON SER TUEN	2,324,620		
WEINER, JOEL HIRSCH	2,324,974		

## **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**

BAEVSKY, MATTHEW F.	2,324,848
CHADWICK, DONALD	2,319,884
COMINS, DANIEL L.	2,324,848
CORDERY, ROBERT A.	2,325,609
D'IPPOLITO, FRANK M.	2,325,609
DOLAN, DONALD T.	2,325,608
HERMAN MILLER, INC.	2,319,884
KRUEGER, WILLIAM J.	2,325,810
KRUEGER, WILLIAM J.	2,325,812
KRYSTEIN INVESTMENTS LTD.	2,325,710
KRYSTEIN, JOHN PER	2,325,710
MICROSOFT CORPORATION	2,325,810
MICROSOFT CORPORATION	2,325,812
MILES, GEORGE A.	2,319,884
NORTH CAROLINA STATE UNIVERSITY	2,324,848
O'NEILL, BRIAN T.	2,324,959
PFIZER INC.	2,324,959
PINTSOV, LEON A.	2,325,609
PITNEY BOWES INC.	2,325,608
PITNEY BOWES INC.	2,325,609
RAJAGOPALAN, SRIRAM	2,325,810
RAJAGOPALAN, SRIRAM	2,325,812
SCHMITZ, CHRISTOPH JOHANN	2,325,556
SCHOENFELDER, RODNEY C.	2,319,884
STUMPF, WILLIAM E.	2,319,884
THE PROCTER & GAMBLE COMPANY	2,325,556
TOLMIE, ROBERT J., JR.	2,325,608