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Quakertown, PA 18951 (US). O'HARA, Bryan, Mark:
124 Railroad Avenue, Pearl River, NY 10965 (US).


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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HETEROCYCLIC CARBOXAMIDE-CONTAINING THIOUREA INHIBITORS OF HERPES VIRUSES CONTAINING A SUBSTITUTED PHENYLENEDIAMINE GROUP

(57) Abstract: Compounds of formula (I) wherein R1-R5 are independently selected from hydrogen, or substituents R9-R12 are independently hydrogen, or substituents provided that at least one of R9-12 is not hydrogen; G is a monocyclic heteroaryly: X is a bond, -NH, alkyl of 1 to 6 carbon atoms, alkoxyl of 1 to 6 carbon atoms, alkyl of 1 to 6 carbon atoms, or thioalkyl of 1 to 6 carbon atoms, alkylaminol of 1 to 6 carbon atoms, or (CHJ J is alkyl of 1 to 6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, phenyl or benzyl, useful in the treatment of diseases associated with herpes viruses including human cytomegalovirus, herpes simplex viruses, Epstein-Barr virus, varicella-zoster virus, human herpesviruses-6 and -7, and Kaposi herpesvirus.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D307/68 C07D285/06 C07D277/56 C07D263/34 C07D233/90
   A61P31/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>WO 98 45259 A (PHARMACIA &amp; UPJOHN COMPANY) 15 October 1998 (1998-10-15) the whole document</td>
<td>1,12,13, 17</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of box C.

Date of the actual completion of the international search: 30 March 2000

Name and mailing address of the ISA:

European Patent Office, P.B. 5818 Patentlaan 2
NL – 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Date of mailing of the international search report: 19/04/2000

Authorized officer:

Allard, M
INTERNATIONAL SEARCH REPORT

PCT/US 99/28916

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. [X] Claims Nos.: 13-20
   because they relate to subject matter not required to be searched by this Authority, namely:
   Remark: Although claims 13-20 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. [ ] Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. [ ] Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of Invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. [ ] As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. [ ] As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. [ ] As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. [ ] No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest  [ ] The additional search fees were accompanied by the applicant's protest.

[ ] No protest accompanied the payment of additional search fees.