The present invention relates to pharmaceutical compositions comprising solid particles of an active ingredient that have a particle size of from about 0.1 micron to about 100 microns.
Published:  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 20 November 2008
INTERNATIONAL SEARCH REPORT

International application No
PCT/US 06/47843

A CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A01 N 43/40 (2008 04), A61 K 31/44 (2008.04)
USPC - 514/338
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)
USPC 514/338

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC 514/338,424/451

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(USPT,PGPB,EPAB,JPAB), Google Scholar
Search terms Gastrointestinal disorder, PPI, proton pump, inhibitor, ilaprazole, granule, microparticulate, methoxy, pyrindil, benzimidazole, cough, pyrrol, sulfanyl

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>X</td>
<td>US 2005/0054682 A 1 (Phillips) 10 March 2005 (10 03 2005), entire document, especially abstract, para [0168], [0402], [0028]-[0038]</td>
<td>1,20,21,44</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C

- Special categories of cited documents
  - A' document defining the general state of the art which is not considered to be of particular relevance
  - E' earlier application or patent but published on or after the international filing date
  - L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  - O' document referring to an oral disclosure, use, exhibition or other means
  - P' document published prior to the international filing date but later than the priority date claimed
  - T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  - X' document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  - Y' document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  - &' document member of the same patent family

Date of the actual completion of the international search
16 September 2008 (16 09 2008)

Date of mailing of the international search report
22 SEP

Name and mailing address of the ISA/US
Mail Stop PCT, Attn ISA/US, Commissioner for Patents
P O Box 1450, Alexandria, Virginia 22313-1450
Facsimile No 571-273-3201

Authorized officer
Lee W Young
PCT Helpdesk 571-272-4300
PCT OSP- 571 272 7774

Form PCT/ISA/210 (second sheet) (April 2007)