SUBSTITUTED CYCLOPENTANONES FOR TREATING INFLAMMATORY BOWEL DISEASE
A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/5575 A61P1/00

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)
A61K

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

Electronic database consulted during the international search (name of database and, where practical, search terms used)
EPO-Internal, BIOSIS

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>KABASHIMA KENJI ET AL: &quot;The prostaglandin receptor EP4 suppresses colitis, mucosal damage and CD4 cell activation in the gut&quot; JOURNAL OF CLINICAL INVESTIGATION, vol. 109, no. 7, April 2002 (2002-04), pages 883-893, XP002370491 ISSN: 0021-9738 abstract figure 3 page 888, right-hand column, paragraph 1-3 page 892, right-hand column, last paragraph</td>
<td>1-10</td>
</tr>
<tr>
<td>A</td>
<td>US 2004/157901 A1 (DONDE YARIV) 12 August 2004 (2004-08-12) tables 1,2 tables 1-52</td>
<td>1-10</td>
</tr>
</tbody>
</table>

* 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 document but published on or after the international filing date
- "L" document which may throw doubts on priority claimed or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document relating 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
- "Z" document member of the same patent family

Date of the actual completion of the international search: 13 September 2006

Date of mailing of the international search report: 22/09/2006

Name and mailing address of the ISA/
European Patent Office, P.B. 5816 Patentlaan 2 NL – 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx: 31 651 epo nL, Fax: (+31-70) 340-2016

Authorized officer: Bazzanini, Rita
<table>
<thead>
<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
<th>Publication date</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 2004157901 A1</td>
<td>12-08-2004</td>
<td>CN 1758915 A</td>
<td>12-04-2006</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US 2004235958 A1</td>
<td>25-11-2004</td>
</tr>
</tbody>
</table>