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Published: with international search report

Date of publication of the international search report: 12 July 2007

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.

Title: ANTI-MADCAM ANTIBODIES TO TREAT UTERINE DISORDERS

Abstract: The application relates to the use of an anti-MAdCAM antibody for the manufacture of a medicament for the treatment of uterine conditions such as endometriosis, dysmenorrhea, or pelvic inflammatory disease. Methods of treatment for uterine disorders using a therapeutically effective amount of an anti-MAdCAM antibody are also included.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K39/395 A61P15/00 A61P37/00
ADD. C07K16/28 C07K16/30

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 A61P C07K

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)
EPO-Internal, BIOSIS, EMBASE, WPI Data, Sequence Search

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>FERNEKORN UTA ET AL: &quot;Functional involvement of P-selectin and MadCAM-I in the recruitment of alpha4beta7 integrin-expressing monocyte-like cells to the pregnant mouse uterus.&quot; EUROPEAN JOURNAL OF IMMUNOLOGY DEC 2004, vol. 34, no. 12, December 2004 (2004-12), pages 3423-3433, XP000807663 ISSN: 0014-2980 page 3426, column 2, paragraph 2; table 1 page 3427, column 2, paragraph 2 - page 3428, paragraph 1; figures 2,3</td>
<td>1-11</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

'A' document defining the general state of the art which is not considered to be of particular relevance

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'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

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'&' document member of the same patent family

Date of the actual completion of the international search
2 April 2007

Date of mailing of the international search report
24/04/2007

Name and mailing address of the ISA/Authorized officer
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 Cilensek, Zoran
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<td>A</td>
<td>HAWKINS R A ET AL: &quot;Expression of mucosal homing receptor alpha4beta7 is associated with enhanced migration to the Chlamydia-infected murine genital mucosa in vivo.&quot; INFECTION AND IMMUNITY OCT 2000, vol. 68, no. 10, October 2000 (2000-10), pages 5587-5594, XP008076700 ISSN: 0019-9567 page 5591, column 1, paragraph 1 - page 5592, column 2, paragraph 2; figure 6</td>
<td>1-11</td>
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