(54) Title: TREATMENT OF CONJUNCTIVITIS

(57) Abstract: The present invention relates to the discovery that various proteins isolated from ticks are effective in the treatment of conjunctivitis. These proteins may most suitably be applied topically to an affected area and are effective to ameliorate the symptoms of this condition.
A. CLASSIFICATION OF SUBJECT MATTER

IPC 7  A61K38/17  A61P37/08

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  A61K  C07K

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)

BIOSIS, EPO–Internal, WPI Data, PAJ, MEDLINE, CHEM ABS Data, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>WO 97 44451 A (OXFORD VACS LTD ; NUTTALL PATRICIA ANN (GB); PAESEN GUIDO CHRISTIAN) 27 November 1997 (1997–11–27) page 1, line 34 – page 2, line 20 page 3, line 20 – page 4, line 2 page 5, line 4 – page 9, line 3 claims 1–7, 21–23, 27–29</td>
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<td>WO 99 27104 A (OXFORD VACS LTD ; NUTTALL PATRICIA ANN (GB); PAESEN GUIDO CHRISTIAN) 3 June 1999 (1999–06–03) page 1, line 22 – page 2, line 10 page 3, line 27 – line 32 page 4, line 13 – page 6, line 20 page 12, line 10 – line 16 page 13, line 7 – page 14, line 10 claims 1–32, 34–36, 42, 44</td>
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X Further documents are listed in the continuation of box C.

X Patent family members are listed in annex.

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*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

"*" 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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"A" document member of the same patent family

Date of the actual completion of the international search

19 February 2001

Date of mailing of the international search report

01/03/2001

Name and mailing address of the ISA

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

Authorized officer

Stein, A
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          vol. 58, no. 11, November 1997 (1997-11),  
          pages 828-841, XP000982298  
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| P,X      | CHAPIN M J ET AL: "Evaluation of a histamine binding protein derived from tick saliva in the rabbit model of allergic conjunctivitis."  
          FASEB JOURNAL,  
          vol. 14, no. 4,  
          15 March 2000 (2000-03-15), page A183  
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