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TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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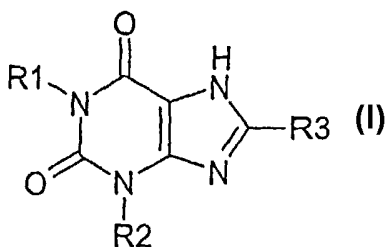
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A PHARMACEUTICAL COMPOSITION FOR DERMAL APPLICATION



(57) Abstract: A pharmaceutical composition for dermal application comprising, as an active component, a compound of general formula I And a pharmaceutically acceptable vehicle comprising a solvent for the active component capable of effecting penetration of the active component into the epidermis, and further comprising a polymeric emulsifier which is incapable of penetrating into the epidermis, may be used in the prevention or treatment of dermal inflammatory diseases or conditions such as dermatitis. Polymeric emulsifiers of the type preferably included in the present composition are generally classified as "carbomers" but differ from the homopolymeric carbomers by being cross-linked copolymers and are preferably selected from the group consisting of (Permulen®TR1, Permulen ® TR2m carbomer

1342 (NF), ((Carbopol ®1342, -Carbopol® 1382, Carbopol ® or Carbopol® ETD 2050. The solvent comprises a non-toxic glycol or glycol ether selected from the group consisting of propylene glycol, butylene glycol and ethoxy diglycol.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 02/00538

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 31/522, A61K 9/06 // A61K 9/107, A61P 17/04, A61P 17/06, A61P 17/08, A61P 17/10

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)

IPC7: A61K

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 practicable, search terms used)

WPI DATA, EPO-INTERNAL, CA DATA, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1120417 A2 (SMITHKLINE BEECHAM PHARMA GMBH), 1 August 2001 (01.08.01), page 3, line 29 - line 30; page 3, line 35 - line 36; page 5, line 49 - line 54, page 10, line 42 - line 45 and claim 2 --	1-25
Y	WO 0105744 A1 (LEO PHARMACEUTICAL PRODUCTS LTD. A/S), 25 January 2001 (25.01.01), page 1, line 25 - line 35, and example 38 --	1-25
Y	WO 9924041 A1 (CELLEGY PHARMACEUTICALS, INC.), 20 May 1999 (20.05.99), abstract, page 3, line 2 - line 4, page 5, line 23 - line 25, page 6, line 19 - line 21 and example 1 --	1-25

☒ 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

"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

7 November 2002

Date of mailing of the international search report

29. 01. 2003

Name and mailing address of the International Searching Authority

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/DK 02/00538

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9704795 A2 (POLI INDUSTRIA CHIMICA S.P.A.), 13 February 1997 (13.02.97), page 5, line 27 - line 29, example 8 -- -----	1-25

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK02/00538

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. ☒ Claims Nos.: **24-25**
because they relate to subject matter not required to be searched by this Authority, namely:
see next sheet*
2. ☒ Claims Nos.: **1**
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:
see next sheet**
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.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK02/00538

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Claims 24-25 relate to methods of treatment of the human or animal body by surgery or by therapy/diagnostic methods practised on the human or animal body/Rule. 39.1.(iv)). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compounds/compositions.

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The expression "a polymeric emulsifier which is incapable of penetrating into the epidermis" is not clear and concise (Article 6 PCT). In the search performed, the expression has been interpreted to correspond to the polymeric emulsifiers mentioned in the description and in claim 5.

INTERNATIONAL SEARCH REPORT

information on patent family members

30/09/02

International application No.

PCT/DK 02/00538

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