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Published
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4 April 1996 (04.04.96)

(54) Title: ALLERGENIC PEPTIDES DERIVED FROM POA PRATENSIS

(57) Abstract

Synthetic peptides have an amino acid sequence which includes at least one human antigenic determinant of a Kentucky Blue grass (KBG) allergen from the Poa p IX group of grass pollen allergens, specifically the KBG 60 allergen.

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INTERNATIONAL SEARCH REPORT

Internat ! Application No
PCT/CA 95/00439

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C07K14/415 A61K39/36 C07K16/16

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 6 C07K 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 practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
O,X	Parallel Symposium at the ICACI XV/EAACI Stockholm, Sweden 28 June 1994 & ALLERGY, vol. 50, no. supplement 25, 1995 pages 37-44, S.MOHAPATRA ET AL. 'In pursuit of the "holy grail": recombinant allergens and peptides as catalysts for the allergen-specific immunotherapy' see paragraph bridging pages 40 and 41 and figure 2 --- -/--	1-15

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in 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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"&" document member of the same patent family

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Date of the actual completion of the international search	Date of mailing of the international search report
16 January 1996	26.01.96

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	Cupido, M

Form PCT/ISA/210 (second sheet) (July 1992)

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MOLECULAR IMMUNOLOGY, vol. 29, no. 11, November 1992 pages 1383-1389, L.ZHANG ET AL. 'Mapping of antibody binding properties of a recombinant Poa p IX allergen' see figure 1; table 1	1-5,29
X	CA,A,2 068 694 (S.S.MOHAPATRA ET AL.) 9 January 1993 cited in the application see the whole document	1-5, 11-22
A	ANNALS OF ALLERGY, vol. 72, no. 6, June 1994 pages 499-506, E.OLSEN ET AL. 'Recombinant allergens and diagnosis of grass pollen allergy' see the whole document	1-22

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA95/00439

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. [X] Claims Nos.: 24-27 and 30
because they relate to subject matter not required to be searched by this Authority, namely:

Remark: Although these claims are directed to a method of treatment of, and a diagnostic method practised on, the human/animal body, the search has been carried out and based on the alleged effects of the compositions.

2. [ ] Claims Nos.:
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:

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 searches 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

ormation on patent family members

Interna al Application No
PCT/CA 95/00439

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CA-A-2068694	09-01-93	CA-A- 2066801	27-10-92