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(54) Title: METHODS FOR TREATING NASAL CONGESTION IN PEDIATRIC PATIENTS

(57) Abstract: Methods for treating, preventing or reducing nasal congestion associated with allergic rhinitis in a pediatric patient are provided. Methods may involve administering to a pediatric patient a therapeutically effective amount of a pharmaceutical composition including loratadine and montelukast or a pharmaceutically acceptable salt of montelukast.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/025993

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K45/06 A61K31/4545 A61K31/4704 A61P11/02

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

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, EMBASE, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KESKIN O ET AL: "Do the leukotriene receptor antagonists work in children with grass pollen-induced allergic rhinitis?" PEDIATRIC ALLERGY AND IMMUNOLOGY 200606 DK, vol. 17, no. 4, June 2006 (2006-06), pages 259-268, XP002483380 ISSN: 0905-6157 1399-3038	1,2,4,5, 7,8,10, 12-16,18
Y	abstract page 261, left-hand column, last paragraph page 263, right-hand column, paragraph 1 page 266, right-hand column, last paragraph page 261, right-hand column, paragraph 4 page 261, left-hand column, paragraph 3 page 263, right-hand column, paragraph 1 ----- -/--	17

☒ 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 document 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.

8 document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>PERONI D G ET AL: "The combination of single-dose montelukast and loratadine on exercise-induced bronchospasm in children" EUROPEAN RESPIRATORY JOURNAL 2002 CH, vol. 20, no. 1, 2002, pages 104-107, XP002483381 ISSN: 0903-1936 abstract; table 1 page 107, left-hand column, paragraph 2, -----</p>	17
Y	<p>WALIA MANDEEP ET AL: "Montelukast in pediatric asthma management" INDIAN JOURNAL OF PEDIATRICS, vol. 73, no. 4, April 2006 (2006-04), pages 275-282, XP009101260 ISSN: 0019-5456 page 23, left-hand column, paragraph 2 - right-hand column, paragraph 2; table 1 -----</p>	1-21
Y	<p>LAI L ET AL: "Pediatric allergic rhinitis: Treatment" IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA 200505 US, vol. 25, no. 2, May 2005 (2005-05), pages 283-299, XP009101253 ISSN: 0889-8561 page 289, paragraph 4; table 3 -----</p>	1-21

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/025993

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 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.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 1-21: Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy
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 No. III Observations where unity of invention is lacking (Continuation of item 3 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 additional fees.
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 and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.