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- 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.



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(54) Title: PHARMACEUTICAL COMPOSITIONS COMPRISING SALMETEROL AND IPRATROPIUM

(57) Abstract: The present invention is concerned with pharmaceutical formulations comprising a combination of salmeterol and ipratropium and the use of such formulations in medicine, particularly in the prophylaxis and treatment of respiratory diseases.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/03889

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/46 A61K31/137 //(A61K31/46,31:137)

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

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, WPI Data, PAJ, CHEM ABS Data, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MATERA M G ET AL: "A COMBINATION WITH CLINICAL RECOMMENDED DOSAGES OF SALMETEROL AND IPRATROPIUM IS NOT MORE EFFECTIVE THAN SALMETEROL ALONE IN PATIENTSWITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE" RESPIRATORY MEDICINE, BAILLIERE TINDALL, LONDON, GB, vol. 90, no. 8, 1996, pages 497-499, XP001021998 ISSN: 0954-6111 the whole document ---	1-13
X	WO 99 65464 A (BOEHRINGER INGELHEIM PHARMA) 23 December 1999 (1999-12-23) page 4, line 7-20; claims 1-20; example 1 ---	1-13
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Further documents are listed in the continuation of box C.

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
- *E* earlier document but published on or after the international filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

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- *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.
- *Z* document member of the same patent family

Date of the actual completion of the international search

25 October 2001

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06/11/2001

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/03889

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	NOORD VAN J A ET AL: "LONG-TERM TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH SALMETEROL AND THE ADDITIVE EFFECT OF IPRATROPIUM" EUROPEAN RESPIRATORY JOURNAL, MUNKSGAARD INTERNATIONAL PUBLISHERS, COPENHAGEN, DK, vol. 15, no. 5, May 2000 (2000-05), pages 878-885, XP001021107 ISSN: 0903-1936 abstract -----	1-13

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 11-13 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box I.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 01/03889

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9965464 A	23-12-1999	DE 19827178 A1	27-04-2000
		DE 19842963 A1	23-03-2000
		AU 4552199 A	05-01-2000
		BR 9911351 A	13-03-2001
		CN 1307470 T	08-08-2001
		EP 1087750 A1	04-04-2001
		NO 20006318 A	30-01-2001
		WO 9965464 A1	23-12-1999
