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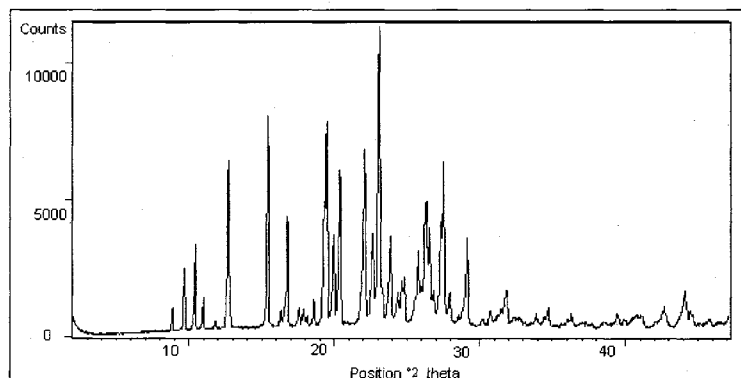
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Fig. 1



(57) Abstract: Disclosed is a process of preparing roflumilast.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IN2012/000266

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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: C07D 213/-; C07C 205/-

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, EPODOC, CNKI, CNABS, REGISTRY, CAplus, CA; Roflumilast, Daxas, Daliresp, crystal, 162401-32-3, 1357175-63-3

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005026095 A1 (RANBAXY LABORATORIES LIMITED ET AL.), 24 Mar. 2005 (24.03.2005), cited in the application, see claims 1-51, example 3, description, p.5, lines 30-32	1-4, 6-11
Y		5
Y	IN 200400478 I3 (CADILA HEALTHCARE LTD.), 12 Oct. 2007(12.10.2007), see Scheme 1	5

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"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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"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)	"&" document member of the same patent family
"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	

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Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451	Authorized officer LIU, Weidong Telephone No. (86-10)62084483

INTERNATIONAL SEARCH REPORTInternational 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.
X	WO 2004080967 A1 (ALTANA PHARMA AG ET AL.), 23 Sep. 2004(23.09.2004), cited in the application, see claims 1-17	1-4, 6-11
Y		5
PX	CN 102336705 A (CHENGDU EASTON PHARMACEUTICAL CO. LTD.), 01 Feb. 2012 (01.02.2012), see example 1	1-4, 6-11
PY		5
PX	CN 102351787 A (TIANJIN HANKANG PHARMACEUTICAL BIOTECHNOLOGY CO. LTD.), 15 Feb. 2012(15.02.2012), see claims 1, 3	10

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
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Form PCT/ISA/210 (patent family annex) (July 2009)

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International application No.

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