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(54) Title: AN IMPROVED PROCESS FOR THE PREPARATION OF ARIPIPRAZOLE

(57) Abstract: The present invention relates to an improved process for the preparation of 7-[4-[4-(2,3-dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone of Formula (I).



WO 2008/146156 A3

## INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2008/001446

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. C07D215/227 A61K31/496

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)  
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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, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2007/213535 A1 (BRAND MICHAEL [IL] ET AL) 13 September 2007 (2007-09-13) Page 3, [0032] to [0047] Example 2 Example 3 abstract	1-7
A	US 2006/079689 A1 (NADDAKA VLADIMIR [IL] ET AL) 13 April 2006 (2006-04-13) claims 1,30; examples 10-15	1-7
A	EP 0 367 141 A (OTSUKA PHARMA CO LTD [JP]) 9 May 1990 (1990-05-09) the whole document	1-7
A	& US 5 006 528 A (OSHIRO YASUO [JP] ET AL) 9 April 1991 (1991-04-09) cited in the application.	1-7
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Further documents are listed in the continuation of Box C.

See patent family annex.

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## INTERNATIONAL SEARCH REPORT

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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.
A	<p>OSHIRO YASUO ET AL: "Novel Antipsychotic Agents with Dopamine Autoreceptor Agonist Properties: Synthesis and Pharmacology of 7-[4-(4-Phenyl-1-piperaziny 1)butoxy]-3,4-dihydro-2(1H)-quinolinone Derivatives" JOURNAL OF MEDICINAL CHEMISTRY, US AMERICAN CHEMICAL SOCIETY, WASHINGTON, vol. 41, 1 January 1998 (1998-01-01), pages 658-667, XP002272484 ISSN: 0022-2623 cited in the application Scheme 1 -&gt; compound 6 (BBQ) the whole document -----</p>	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2008/001446

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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