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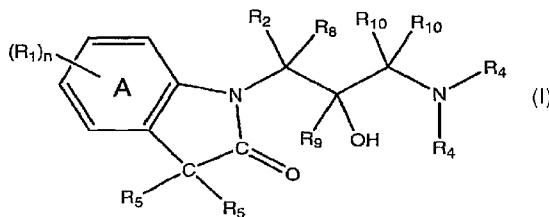
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- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) **Date of publication of the international search report:** 15 May 2008

(54) **Title:** INDOLINONE PHENYLAMINOPROSPANOL DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF



(57) **Abstract:** Indolinone phenylaminoprospanol derivatives of the general formula (I): Processes for preparing them, intermediates useful in said processes and use thereof for treating conditions ameliorated by monoamine reuptake.

WO 2008/024492 A3

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2007/018782

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. C07D209/34 C07D405/06 A61K31/4045 A61P25/00

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)  
C07D

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, BEILSTEIN Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/097744 A (WYETH CORP [US]; KIM CALLAIN YOUNGHEE [US]; MAHANEY PAIGE ERIN [US]; T) 20 October 2005 (2005-10-20) cited in the application scheme IV on page 53 examples 99-101	1-43
A	WO 2005/097761 A (WYETH CORP [US]; VU AN THIEN [US]; MAHANEY PAIGE ERIN [US]; COHN STEPH) 20 October 2005 (2005-10-20) cited in the application the whole document	1-43
P,X	US 2007/072897 A1 (MAHANEY PAIGE E [US] ET AL) 29 March 2007 (2007-03-29) examples	1-43
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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.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

29 January 2008

Date of mailing of the international search report

26/03/2008

Name and mailing address of the ISA/

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# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/018782

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	WO 2007/041023 A (WYETH CORP [US]; MAHANEY PAIGE ERIN [US]; HEFFERNAN GAVIN DAVID [US];) 12 April 2007 (2007-04-12) examples -----	1-43

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2007/018782

## 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:
  
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:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fees, 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.:

1-43

### 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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-43

Process for the preparation of V  
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2. claims: 44-50

Process for the preparation of XI  
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3. claims: 51-61

Compounds of formula V  
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4. claims: 62-75

Compound of formula VI  
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5. claim: 76

Composition comprising compounds of formulae I and I'  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/018782

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