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GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP,  
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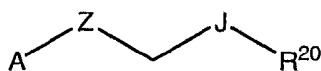
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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

## (54) Title: THERAPEUTIC PYRROLIDINES



(I)

(57) Abstract: The present invention provides for compounds of Formula (I), and pharmaceutically acceptable salts thereof, wherein A, J, Z, and R<sup>20</sup> have any of the values defined therefor in the specification, and pharmaceutically acceptable salts thereof, that are useful as agents in the treatment of disorders and conditions including attention deficit hyperactivity disorder, neuropathic pain, urinary incontinence, generalized anxiety disorder, depression, schizophrenia, and fibromyalgia. Also provided are pharmaceutical compositions comprising one or more compounds of Formula (I) or pharmaceutically acceptable salts thereof.

## INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2006/002457

## A. CLASSIFICATION OF SUBJECT MATTER

INV. C07D401/12 C07D207/12 A61K31/4439 A61P25/18

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, BEILSTEIN Data, CHEM ABS Data, 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         | WO 2005/000811 A (LILLY CO ELI [US];<br>BEADLE CHRISTOPHER DAVID [GB];<br>CASES-THOMAS MANUEL)<br>6 January 2005 (2005-01-06)<br>Scheme 15,17,19;<br>page 1, line 3 - line 9; claim 1; examples<br>67,101,195,197,198  | 1-10                  |
| X         | -----<br>SENO K ET AL: "PYRROLIDINE INHIBITORS OF<br>HUMAN CYTOSOLIC PHOSPHOLIPASE A2"<br>JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN<br>CHEMICAL SOCIETY. WASHINGTON, US,<br>vol. 43, no. 6,<br>23 March 2000 (2000-03-23), pages<br>1041-1044, XP002932595<br>ISSN: 0022-2623<br>compounds 1A-1F<br>-----<br>-/-- | 1-4,10                |

☒ 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

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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

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA/

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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. |
|-----------|--|-----------------------|
| X         | EP 0 976 748 A1 (SHIONOGI & CO [JP])<br>2 February 2000 (2000-02-02)<br>claim 1; tables 2,3,6,7<br>----- | 1-4,10                |

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2006/002457

## Box 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 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 all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
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.:

see annex

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ 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: 1-10 (part)

compounds with J=0  
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2. claims: 1-4,8-10 (part)

compounds with J =NR22 and R22=H  
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3. claims: 1-4,8-10 (part)

compounds with J =NR22 and R22=alkyl  
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4. claims: 1-4,8-10(part)

compounds with J =NR22 and R22=CO-alkyl  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2006/002457

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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