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WO 2008/081041 A3 (74) Agent: UEXKÜLL & STOLBERG; Beselerstrasse 4,

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(54) Title: AMORPHOUS AND CRYSTALLINE FORMS OF RIVASTIGMINE HYDROGENTARTRATE

(57) Abstract: Rivastigmine hydrogentartrate in amorphous form or in a crystalline form characterized by an X-ray powder diffraction pattern exhibiting peaks at  $2\Theta$  values of 5.1, 14.7, 16.5, 17.6, 18.6, 20.4, 21.1°  $\pm$  0.2° (Form I), or  $2\Theta$  values of 9.5, 11.3, 13.2, 14.1, 15.5, 19.1  $20.0^{\circ} \pm 0.2^{\circ}$  (Form II), methods for its preparation and pharmaceutical compositions comprising the same.

## **INTERNATIONAL SEARCH REPORT**

International application No
PCT/EP2008/050067

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a. classi INV .	FICATION OF SUBJECT CO7C271/44	MATTER A61K31/27	A61P25/2	8							
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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, WPI Data, BEILSTEIN Data											
C. DOCUMENTS CONSIDERED TO BE RELEVANT											
Category*	Citation of document, v	vith indication, where app	propriate, of the rele	evant passages	•	Relevant to claim No.					
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*X* document of particular relevance; the claimed invention filing date  *L* 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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Date of the actual completion of the international search  Date of mailing of the international search											
22 April 2008				21/07/2008							
Name and mailing address of the ISA/				Authorized officer							
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk											
Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016			Kleidernigg, Oliver								

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# **INTERNATIONAL SEARCH REPORT**

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:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
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 all searchable 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 reportcovers 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 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(part), 29-34(part)

Amorphous form of rivastigmine hydrogentartrate

2. claims:

 $\hbox{{\it Polymorphic form I or rivastigmine hydrogentar} } trate$ 

3. claims:

 ${\tt Polymorphic\ form\ II\ of\ rivastigmine\ hydrogentart} \\ {\tt rate}$ 

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/EP2008/050067

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