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(88) Date of publication of the international search report: 19 January 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INDOLE DERIVATIVES FOR TREATMENT OF OBESITY

(57) Abstract: 5-vinyl-indole derivatives are chemical uncouplers useful e.g. for the treatment of obesity.
**INTERNATIONAL SEARCH REPORT**

**Classification of Subject Matter**
- C07D209/18
- C07D401/06
- A61K31/404

**Fields Searched**
- C07D

**Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched**

**EPO-Internal, CHEM ABS Data, WPI Data, PAJ**

**Documents Considered to be Relevant**

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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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**Further documents are listed in the continuation of box C.**

**Patent family members are listed in annex.**

**Date of the actual completion of the international search**
- 18 November 2005

**Date of mailing of the international search report**
- 30/11/2005

**Name and mailing address of the ISA**
- European Patent Office, P.B. 5819 Patentlaan 2 NL - 2280 HV Rijswijk
- Tel.: (31-70) 340-2040, Tx.: 31 651 epos.nl
- Facs.: (31-70) 84C-3016

**Authorized officer**
- Kyriakakou, G
<table>
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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>Y</td>
<td>WO 01/58893 A (MERCK PATENT GMBH; GOODMAN, SIMON; GOTTSCHLICH, RUDOLF; WIESNER, MATTH) 16 August 2001 (2001-08-16) claims 1-12</td>
<td>1-32</td>
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<td>Y</td>
<td>WO 00/06143 A (TEXAS PHARMACEUTICALS, INC; BACHYNSKY, NICHOLAS; ROY, WOODIE) 10 February 2000 (2000-02-10) cited in the application claims 1-54</td>
<td>1-32</td>
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INTERNATIONAL SEARCH REPORT

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. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
   Although claims 24–28 and 31–32 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

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:

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.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.
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<th>Patent document cited in search report</th>
<th>Publication date</th>
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<tr>
<td>WO 2005051908 A</td>
<td>09-06-2005</td>
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