METHOD OF TREATING MEN WITH TESTOSTERONE SUPPLEMENT AND 5ALPHA-REDUCTASE INHIBITOR

Total Serum Testosterone

Baseline | T | T + Fin

(57) Abstract: A method of treating Alzheimer’s disease, Parkinson’s disease, sexual dysfunction or erectile dysfunction in a man by administration of a 5alpha reductase inhibitor together with a testosterone supplement is described. The method is also concerned with the use of the 5alpha reductase inhibiting compound and the testosterone supplement together with another agent useful for treating erectile dysfunction, including PDE V inhibitors; AGE (advanced glycation end-product) breakers; alpha 1 blockers; alpha 1A antagonists; alpha 2 antagonists; dopamine agonists; dopamine D4 agonists; melanocortin agonists; oxytocin agonists; prostaglandin; radical scavengers; rotamase inhibitors; aviptadil; nitroglycerine; and GPCR agonists for treating male sexual dysfunction or erectile dysfunction.
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.
**INTERNATIONAL SEARCH REPORT**

**INTERNATIONAL APPLICATION NO.**

PCT/US06/10198

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: A61K 31/435 (2006.01), 31/568 (2006.01)

USPC: 514/284, 171, 170

According to International Patent Classification (IPC) or to both national classification and IPC

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S.: 514/284, 171, 170

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 practicable, search terms used)

EAST, CAPLUS, MEDLINE

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<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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<tbody>
<tr>
<td>E, Y</td>
<td>WO 2006/0538781 (Promogas AG) 8 June 2006 (08.06.2006)</td>
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<td>Y</td>
<td>WO 97/10217 (Merck &amp; Co.) 20 March 1997 (20.03.1997)</td>
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<td>Y</td>
<td>US 5,565,467 (Batchelor et al.) 15 October 1996 (15.10.1996)</td>
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</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

- **E** document defining the general state of the art which is not considered to be of particular relevance
- **Y** earlier application or patent 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
- **A** document member of the same patent family

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Date of the actual completion of the international search 04 August 2006 (04.08.2006)

Date of mailing of the international search report 06 SEP 2006

Name and mailing address of the ISA/US

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<tr>
<td>Y</td>
<td>US 5,910,497 (Durette et al.) 08 June 1999 (08.06.1999).</td>
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