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(54) Title: PHARMACEUTICAL COMPOSITIONS FOR PENIS ENLARGEMENT

(57) Abstract: A pharmaceutical composition and method for penile enlargement. An agent which induces a prolonged engorgement of a human penis is administered, repeated, over weeks or months. A potentiator that serves to enhance the agent which induces the engorgement can also be used.

INTERNATIONAL SEARCH REPORT

Internat. Application No
PCT/CA 03/01139

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K45/00 A61K31/485 A61K31/5575 A61K31/46 A61P15/00

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)
 IPC 7 A61K

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, PAJ, EMBASE, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200048 Derwent Publications Ltd., London, GB; Class B02, AN 2000-533273 XP002260652 & ZA 9 905 262 A (BOUYENS M J) 26 April 2000 (2000-04-26) abstract -----	1-20, 23-40, 57-78, 81-88, 114-135, 138-143, 171-176
X	----- WO 01/08659 A (LAKEFIELD MINERALS LTD) 8 February 2001 (2001-02-08) ----- page 4, line 5 - page 5, line 18 ----- -/--	1-48, 53, 57-97, 102-105, 110, 114-155, 160-162, 167, 171-177

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

<p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*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)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p>	<p>*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</p> <p>*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</p> <p>*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.</p> <p>*&* document member of the same patent family</p>
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Date of the actual completion of the international search 10 March 2004	Date of mailing of the international search report 29. 03. 2004
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Bochelen, D
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INTERNATIONAL SEARCH REPORT

 Internat Application No
 PCT/CA 03/01139

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/014685 A1 (LIN AN-HAO) 16 August 2001 (2001-08-16) page 2, paragraph 12 - paragraph 17 -----	1-48, 53, 57-97, 102-105, 110, 114-155, 160-162, 167, 171-177
X	WO 00/13664 A (L A M PHARMACEUTICALS LLC) 16 March 2000 (2000-03-16) page 26, line 6 - page 29, line 6 -----	1-48, 53, 57-97, 102-105, 110, 114-155, 160-162, 167, 171-177
X	US 6 007 836 A (DENZER ERIC L) 28 December 1999 (1999-12-28) claims 1-3 -----	1-48, 53, 57-97, 102-105, 110, 114-155, 160-162, 167, 171-177
X	WO 02/11729 A (MCCAULEY IAIN ; UNIV BOSTON (US); GOLDSTEIN IRWIN (US); KIM NOEL (US);) 14 February 2002 (2002-02-14) page 5, line 8 - line 25; claims 1-6 -----	1-19, 23-48, 57-77, 81-98, 102-105, 116-134, 138-156, 171-177
X	EP 1 136 072 A (MOCHIDA PHARM CO LTD) 26 September 2001 (2001-09-26) page 3, line 21 - line 35 page 9, line 7 - line 34 -----	1-19, 23-48, 57-77, 81-98, 102-105, 116-134, 138-156, 171-177
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INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/01139

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 97/03675 A (DAUGAN ALAIN CLAUDE MARIE ; GLAXO WELLCOME LAB SA (FR)) 6 February 1997 (1997-02-06)</p> <p>page 4, line 17 - line 28 -----</p>	<p>1-19, 23-48, 57-77, 81-98, 102-105, 116-134, 138-156, 171-177</p>
X	<p>DE 199 19 828 A (AVENTIS PHARMA GMBH) 2 November 2000 (2000-11-02)</p> <p>page 2, line 20 - line 21 page 3, line 1 - line 34 -----</p>	<p>11-19, 23-48, 57-77, 81-98, 102-105, 116-134, 138-156, 171-177</p>
X	<p>EP 0 992 240 A (MOCHIDA PHARM CO LTD) 12 April 2000 (2000-04-12)</p> <p>page 4, paragraph 12 - paragraph 13 page 5, line 16 - line 21 -----</p>	<p>1-19, 23-48, 57-77, 81-98, 102-105, 116-134, 138-156, 171-177</p>
A	<p>US 2001/041824 A1 (ZAPPALA STEPHEN M) 15 November 2001 (2001-11-15) the whole document -----</p>	<p>1-177</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA 03/01139

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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:

Although claims 59-172 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the 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 II Observations where unity of invention is lacking (Continuation of item 2 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.:

1-19, 23-77, 81-134, 138-177 (all partly), 20-22, 78-80, 135-137
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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 59-172 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the composition.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-19,23-77,81-134,138-177 (all partly), 20-22, 78-80, 135-137

Pharmaceutical compositions comprising vasodilators, nitrovasodilators and direct vasodilators and the use thereof for causing enlargement of the penis.

2. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising angiotensin receptor antagonists and the use thereof for causing an enlargement of the penis.

3. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising phosphodiesterase inhibitors and the use thereof for causing an enlargement of the penis.

4. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising adrenergic receptor antagonists, alpha blockers or beta blockers and the use thereof for causing an enlargement of the penis.

5. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising calcium channel blocking drugs and the use thereof for causing an enlargement of the penis

6. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising lymphthomimetics and the use thereof for causing an enlargement of the penis.

7. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising vitamins and the use thereof for causing an enlargement of the penis.

8. claims: 1-19,23-77,81-134,138-177 (all partly)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Pharmaceutical compositions comprising organic nitrates and the use thereof for causing an enlargement of the penis.

9. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising serotonin receptor blocking agents and the use thereof for causing an enlargement of the penis.

10. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising angina blocking agents and the use thereof for causing an enlargement of the penis.

11. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising hypertensive agents and the use thereof for causing an enlargement of the penis.

12. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising cardiac stimulating agents and the use thereof for causing an enlargement of the penis.

13. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising agents improving renal vascular function and the use thereof for causing an enlargement of the penis.

14. claims: 1-19,23-77,81-134,138-177 (all partly)

Pharmaceutical compositions comprising sympathomimetic amines and the use thereof for causing an enlargement of the penis.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01139

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Information on patent family members

International Application No PCT/CA 03/01139

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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">US 2001041824</td> <td style="width: 10%;">A1</td> <td style="width: 30%;">15-11-2001</td> <td style="width: 30%;">NONE</td> </tr> </table>				US 2001041824	A1	15-11-2001	NONE
US 2001041824	A1	15-11-2001	NONE				