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US 60/214,472 (CIP)  
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25 September 2003
- 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.



**WO 02/000240 A3**

(54) Title: COMPOSITIONS AND METHODS FOR TREATING FEMALES SEXUAL RESPONSE

(57) Abstract: The present invention relates to compositions, articles of manufacture, methods of preparation thereof, methods of use thereof, etc., for enhancement of sexual pleasure, conditions, disorders, and diseases related to reproductive physiology and systems, especially of mammalian females. For instance, the present invention relates to all aspects of modulating the female sexual response, including female sexual dysfunction, such as female sexual arousal disorders (FSAD), orgasmic disorders, and sexual pain disorders, and enhancing female sexual pleasure and satisfaction of the female sexual experience. Accordingly, the present invention relates to compositions comprising botanical extracts, active agents, etc., which are useful to treat or affect any of the aforementioned conditions. For example, the present invention relates to a composition, preferably for topical or local use, which comprises one or more of the following ingredients, including, but not limited to, borage seed oil, Angelica pubescens root and other angelica species, Coleus forskohlii extract, vinpocetine, ferulic acid, magnesium, ascorbyl palmitate, capric/caprylic triglyceride, silica, and equivalents thereof.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/41141

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A61K35/78 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, FSTA, BIOSIS, EMBASE, MEDLINE, CAB Data, CHEM ABS 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 00 16752 A (LAVIPHARM LAB INC) 30 March 2000 (2000-03-30) page 2, line 7 -page 6, line 30 ---	1
X	DATABASE WPI Section Ch, Week 200035 Derwent Publications Ltd., London, GB; Class B04, AN 2000-402930 XP002227972 & JP 2000 119156 A (KOSE KK), 25 April 2000 (2000-04-25) abstract -----	1

Further documents are listed in the continuation of box C.

Patent family members are listed in 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
- \*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.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

20 January 2003

Date of mailing of the international search report

30/01/2003

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 01/41141

## 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.: 16-20, 25  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
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:

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.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box I.1

Although claims 16-20,25 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.

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Continuation of Box I.1

Claims Nos.: 16-20,25

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/41141

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0016752	A 30-03-2000	AU 6048999 A CA 2344396 A1 EP 1113788 A2 WO 0016752 A2	10-04-2000 30-03-2000 11-07-2001 30-03-2000
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JP 2000119156	A 25-04-2000	NONE	
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