

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 August 2007 (02.08.2007)

PCT

(10) International Publication Number
WO 2007/085902 A3

(51) International Patent Classification:

A61K 9/12 (2006.01) A61K 8/04 (2006.01)
A61K 9/107 (2006.01)

(21) International Application Number:

PCT/IB2006/004119

(22) International Filing Date:

19 July 2006 (19.07.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/700,702 19 July 2005 (19.07.2005) US

(71) Applicant (for all designated States except US): **FOAMIX LTD.** [IL/IL]; Weizmann Science Park, 76124 Rehovot (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TAMARKIN, Dov** [IL/IL]; 537 Har Hila Street, 71908 Maccabim (IL). **FRIEDMAN, Doron** [IL/IL]; 33 Alon Street, Karmei Yosef (IL). **EINI, Meir** [IL/IL]; 2 Hashaked Street, 74104 Ness Ziona (IL). **BESONOV, Alex** [IL/IL]; Goldberg 1, 76283 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:

29 November 2007

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: FOAMABLE COMPOSITION COMBINING A POLAR SOLVENT AND A HYDROPHOBIC CARRIER

(57) Abstract: The present invention relates to a foamable vehicle or cosmetic or pharmaceutical composition, comprising: (1) an organic carrier, at a concentration of 10% to 70% by weight, wherein said organic carrier concurrently comprises: (i) at least one hydrophobic organic carrier, and (ii) at least one polar solvent; (2) at least one surface-active agent; (3) water; and (4) at least one liquefied or compressed gas propellant at a concentration of 3% to 25% by weight of the total composition. The present invention further provides a method of treating, alleviating or preventing a disorder of mammalian subject, comprising administering the above-mentioned compositions to an afflicted target site.



WO 2007/085902 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2006/004119

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/12 A61K9/107 A61K8/04

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)

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/031547 A1 (TAMARKIN DOV [IL] ET AL) 10 February 2005 (2005-02-10) examples	1-53
X	WO 2005/018530 A (FOAMIX LTD [IL]; TAMARKIN DOV [IL]; FRIEDMAN DORON [IL]; EINI MEIR [IL]) 3 March 2005 (2005-03-03) examples	1-53
X	WO 2004/037225 A (FOAMIX LTD [IL]; TAMARKIN DOV [IL]; FRIEDMAN DORON [IL]; EINI MEIR [IL]) 6 May 2004 (2004-05-06) examples	1-53
X	US 2005/074414 A1 (TAMARKIN DOV [IL] ET AL) 7 April 2005 (2005-04-07) examples	1-53
	----- -/--	

 Further documents are listed in the continuation of Box C. See patent family 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.

"&" document member of the same patent family

Date of the actual completion of the international search

21 September 2007

Date of mailing of the international search report

28/09/2007

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

GIMENEZ MIRALLES, J

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2006/004119

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 2002/035046 A1 (LUKENBACH ELVIN R [US] ET AL) 21 March 2002 (2002-03-21) examples -----	1-53

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2006/004119

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. Claims Nos.: 25-39, 44
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 25-39 and 44 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.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2006/004119

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2005031547	A1	10-02-2005	NONE	
WO 2005018530	A	03-03-2005	AU 2004266502 A1 BR PI0412975 A CA 2536482 A1 CN 1856294 A EP 1663148 A2 JP 2007503428 T KR 20060113657 A MX PA06002163 A ZA 200502180 A	03-03-2005 03-10-2006 03-03-2005 01-11-2006 07-06-2006 22-02-2007 02-11-2006 22-05-2006 28-06-2006
WO 2004037225	A	06-05-2004	AU 2003279493 A1 BR 0314916 A CA 2502986 A1 EP 1556009 A2 JP 2006505583 T KR 20050083826 A MX PA05004278 A NZ 540166 A	13-05-2004 16-08-2005 06-05-2004 27-07-2005 16-02-2006 26-08-2005 05-10-2005 29-06-2007
US 2005074414	A1	07-04-2005	NONE	
US 2002035046	A1	21-03-2002	US 7262158 B1	28-08-2007