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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
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4 September 2008

(54) **Title:** FOAMABLE VEHICLE COMPRISING POLYPROPYLENE GLYCOL ALKYL ETHER AND PHARMACEUTICAL COMPOSITIONS THEREOF

(57) **Abstract:** The present invention teaches a foamable pharmaceutical carrier comprising polypropylene glycol (PPG) alkyl ether, a surface-active agent water and a liquefied hydrocarbon gas propellant; and pharmaceutical compositions thereof. The present invention further teaches a foamable pharmaceutical carrier comprising polypropylene glycol (PPG) alkyl ether, a surface-active agent, and a liquefied hydrocarbon gas propellant; and pharmaceutical compositions thereof.



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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/003463

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/12 A61K9/107 A61K47/10 A01N25/16 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 A01N

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
E	WO 2007/099396 A (FOAMIX LTD [IL]; FRIEDMAN DORON [IL]; BESONOV ALEX [IL]; TAMARKIN DOV) 7 September 2007 (2007-09-07) pages 49-50 -----	1-300
X	US 5 429 815 A (FARYNIARZ JOSEPH R [US] ET AL) 4 July 1995 (1995-07-04)	1-147
Y	examples 2,4; tables II, III, V -----	148-300
X	US 2003/053961 A1 (ECCARD WAYNE ELLIS [US]) 20 March 2003 (2003-03-20)	1-147
Y	paragraphs [0024], [0030]; examples 8,10 -----	148-300
Y	US 2005/186142 A1 (TAMARKIN DOV [IL] ET AL) 25 August 2005 (2005-08-25) paragraph [0128]; examples 1,6 -----	1-147
	-/-	



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

27 June 2008

Date of mailing of the international search report

18/07/2008

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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	EP 1 287 813 A (COTY INC [US]) 5 March 2003 (2003-03-05) paragraph [0041]; example 2 -----	1-147
A	EP 1 428 521 A (UNILEVER PLC [GB]; UNILEVER NV [NL]) 16 June 2004 (2004-06-16) example 6 -----	1-300
A	US 5 783 202 A (TOMLINSON RODERICK P [AU] ET AL) 21 July 1998 (1998-07-21) the whole document -----	1-300

FURTHER INFORMATION CONTINUED FROM POT/ISA/ 210

Continuation of Box II.1

Although claims 96-147 and 248-300 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.

Continuation of Box II.1

Claims Nos.: 96-147,248-300

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

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2007/003463

Box No. 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.: 96-147,248-300
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 No. 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 allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by trie 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 and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2007/003463

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