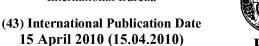
(19) World Intellectual Property Organization

International Bureau







(10) International Publication Number WO 2010/041141 A3

(51) International Patent Classification:

 A61K 9/12 (2006.01)
 A61K 31/65 (2006.01)

 A61K 47/06 (2006.01)
 A61P 31/04 (2006.01)

 A61K 47/14 (2006.01)
 A61K 8/04 (2006.01)

(21) International Application Number:

PCT/IB2009/007184

(22) International Filing Date:

6 October 2009 (06.10.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/103,500 7 October 2008 (07.10.2008) US 61/120,842 8 December 2008 (08.12.2008) US

- (71) Applicant (for all designated States except US): FOAMIX LTD. [IL/IL]; PO Box 4038, 74140 Ness Ziona (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TAMARKIN, Dov [IL/IL]; 537 Har Hila Street, 71908 Maccabim (IL).

SCHUZ, David [IL/IL]; PO Box 4038, 74140 Ness Ziona (IL). HAZOT, Yohan [IL/IL]; Rahavat Ilan 22B/1, Givat Shmuel (IL). GAZAL, Elana [IL/IL]; 6/3 Sharabi Saadia Street, 76537 Rehovot (IL).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, 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, HR, HU, IE, IS, IT, LT, LU, LV,

[Continued on next page]

(54) Title: OIL-BASED FOAMABLE CARRIERS AND FORMULATIONS

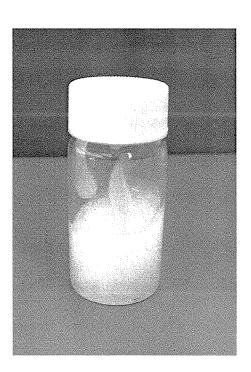


Figure 1(a)

(57) Abstract: A waterless foamable carrier and pharmaceutical composition which is suitable for external and internal administration is disclosed. The composition is single phase and includes at least one liquid oil; and a glyceride. Pharmaceutical compositions comprising active agents, methods for their preparation, propellants suitable for use with the carriers and uses thereof are further described.



MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

Published:

— with international search report (Art. 21(3))

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

17 June 2010

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2009/007184

									
INV.	fication of subject matter A61K9/12 A61K47/06 A61K47/7 A61K8/04	14 A61K31/65 A	A61P31/04						
ADD.		ation and IDO							
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED									
	SEARCHED cumentation searched (classification system followed by classification)	on overhold)							
A61K	culteritation searched (classification system followed by classificati	on symbols)							
Documentat	ion searched other than minimum documentation to the extent that ${f s}$	such documents are included in the fields	s searched						
Electronic d	ata base consulted during the international search (name of data ba	se and, where practical, search terms us	sed)						
EPO-Internal, WPI Data, CHEM ABS Data									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category*	Citation of document, with indication, where appropriate, of the rel	evant passages	Relevant to claim No.						
X	US 3 419 658 A (AMSDON SANDERS PA 31 December 1968 (1968-12-31) claims 1-3 table III	AUL)	1-44						
X,P	WO 2009/098595 A2 (FOAMIX LTD [II TAMARKIN DOV [IL]; FRIEDMAN DORON 7IV FNRAL [II] 13 August 2009 (20	9/098595 A2 (FOAMIX LTD [IL]; 1-17, IN DOV [IL]; 20-44 BAL [IL) 13 August 2009 (2009-08-13)							
L	Throws doubt on priority claimexa paragraph [0396]		1-17, 20-44						
X	US 2005/031547 A1 (TAMARKIN DOV AL) 10 February 2005 (2005-02-10 example 2		1-44						
X	US 2007/253911 A1 (TAMARKIN DOV AL) 1 November 2007 (2007-11-01) example 16	[IL] ET	1-44						
Furth	ner documents are listed in the continuation of Box C.	X See patent family annex.							
* Special c	* Special categories of cited documents : "T" later document published after the international filing date								
"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 "X" document of particular relevance; the claimed invention									
filing d	ate	cannot be considered novel or can	not be considered to						
which	int which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an	e claimed invention						
"O" docume	ent referring to an oral disclosure, use, exhibition or neans	document is combined with one or ments, such combination being ob-	more other such docu-						
"P" docume	ent published prior to the international filing date but nan the priority date claimed	in the art. "&" document member of the same pate							
Date of the	actual completion of the international search	Date of mailing of the international s	search report						
8	April 2010	03/05/2010							
Name and r	lame and mailing address of the ISA/ Authorized officer Authorized officer								
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31~70) 340–2040,	C um Famallum	ı+_C						
I	Fax: (+31-70) 340-3016	S. von Eggelkraut-G.							

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2009/007184

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3419658	Α	31-12-1968	NONE			
WO 2009098595	A2	13-08-2009	US	2008260655	A1	23-10-2008
US 2005031547	A1	10-02-2005	US US	2007280891 2008050317		06-12-2007 28-02-2008
US 2007253911	A1	01-11-2007	NONE			