



- (51) International Patent Classification:
B65D 77/06 (2006.01)
- (21) International Application Number:
PCT/US2013/077766
- (22) International Filing Date:
26 December 2013 (26.12.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/729,195 28 December 2012 (28.12.2012) US
- (71) Applicant: **GALDERMA RESEARCH & DEVELOPMENT** [FR/FR]; 2400, Route des Colles - Sophia Antipolis, F-06410 Biot (FR).
- (71) Applicant (for MG only): **GALDERMA R & D** [US/US]; 5 Cedar Brook Drive, Suite 1, Cranbury, NJ 08512 (US).
- (72) Inventor: **FILY, Sebastien**; c/o Galderma R & D, 2400, Route des Colles, BP 87, F-06902 Sophia Antipolis (FR).
- (74) Agents: **BELISARIO, Martin G.** et al.; Panitch Schwarze Belisario & Nadel LLP, One Commerce Square, 2005 Market Street, Suite 2200, Philadelphia, PA 19103 (US).
- (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, BN, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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: COMBINATION CHILD-RESISTANT PACKAGE AND COLLAPSIBLE TUBE, AND METHOD OF USING SAME

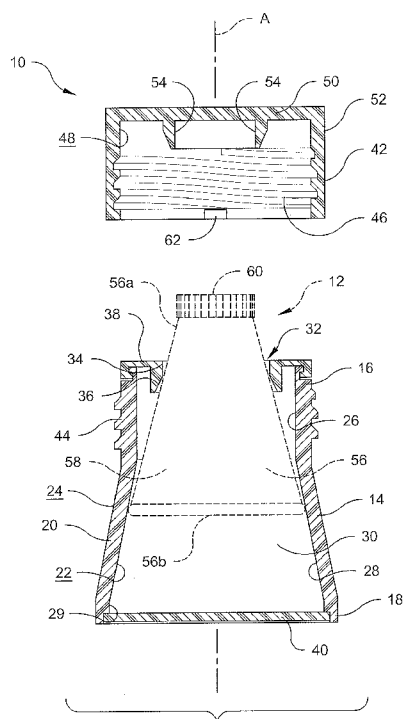


Fig. 1

(57) Abstract: A combination includes a child-resistant package (10) and a collapsible tube (12) removably positionable therein. A sidewall (20) of a body (14) of the package has an interior surface (22) and an opposing exterior surface (24). A cavity (30) is defined by the body. An opening (32) is positioned proximate an open first end (16) of the body. A bottom wall (40) is positioned proximate an open second end (18) of the body. A cap (42) is removably mounted onto at least a portion of the first end of the body. The collapsible tube is surrounded by the body, the bottom wall and the cap when the cap is mounted onto at least a portion of the first end of the body. The collapsible tube includes a generally flexible housing (56) defining a cavity (58) for holding a substance to be dispensed from the housing. A closure (60) is removably mounted onto the housing.



MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, KM, 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:

9 October 2014

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/077766

A. CLASSIFICATION OF SUBJECT MATTER
 INV. B65D77/06
 ADD.

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)
 B65D

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 practicable, 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 Y A	WO 2008/102066 A1 (LE FAUCHEUR ROGER [FR]; KERJAN ANNE [FR]) 28 August 2008 (2008-08-28) the whole document	1-4, 7-14,16 5 6,15, 17-20
X A	----- WO 94/25358 A1 (LINGNER & FISCHER GMBH [DE]; HALM HANS [DE]; SCHWERDT GUNTER KARL ROBE) 10 November 1994 (1994-11-10) page 7, line 10 - line 26; figures	1-4,8,9, 11-14 5-7, 15-20
X A	----- US 2 556 584 A (JOSEPH HOFMANN FRANK) 12 June 1951 (1951-06-12) the whole document ----- -/-	1-3,9, 11-20 4-8,10



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 application or patent 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

15 July 2014

Date of mailing of the international search report

28/07/2014

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040,
 Fax: (+31-70) 340-3016

Authorized officer

Gino, Christophe

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/077766

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005/054991 A1 (TOBYN MICHAEL JOHN [GB] ET AL) 10 March 2005 (2005-03-10) paragraphs [0071], [0075], [0077], [0108]; figures -----	6,11-13, 19,20
Y	US 6 386 405 B1 (KARS HERMAN P [NL] ET AL) 14 May 2002 (2002-05-14) abstract; figures -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2013/077766

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2008102066	A1	28-08-2008	NONE
WO 9425358	A1	10-11-1994	AU 6648694 A 21-11-1994 WO 9425358 A1 10-11-1994 ZA 9402810 A 26-04-1995
US 2556584	A	12-06-1951	NONE
US 2005054991	A1	10-03-2005	AT 429947 T 15-05-2009 DK 1455888 T3 24-08-2009 EP 1455888 A2 15-09-2004 ES 2325951 T3 25-09-2009 US 2005054991 A1 10-03-2005 WO 03018102 A2 06-03-2003
US 6386405	B1	14-05-2002	AT 279362 T 15-10-2004 AU 2224402 A 01-07-2002 BR 0116000 A 06-01-2004 DE 60106486 D1 18-11-2004 DE 60106486 T2 13-10-2005 EP 1345815 A1 24-09-2003 ES 2230235 T3 01-05-2005 US 6386405 B1 14-05-2002 US 2002108974 A1 15-08-2002 US 2003213812 A1 20-11-2003 WO 0249931 A1 27-06-2002