



(51) International Patent Classification:

A61Q 15/00 (2006.01) *A61K 8/28* (2006.01)
A61K 8/25 (2006.01) *A61K 8/02* (2006.01)
A61K 8/26 (2006.01) *B05B 1/06* (2006.01)

(21) International Application Number:

PCT/EP2015/079505

(22) International Filing Date:

11 December 2015 (11.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1462380 12 December 2014 (12.12.2014) FR

(71) Applicant: L'OREAL [FR/FR]; 14, rue Royale, 75008 Paris (FR).

(72) Inventor: BOUCHARD, Fabienne; 18 avenue Léon Gambetta, 92120 Montrouge (FR).

(74) Agent: HUGODOT, Yannick; L'oreal, D.I.P.I., 25-29 Quai Aulagnier, 92665 Asnières-sur-Seine Cedex (FR).

(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, 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, ST, 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, 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).

Published:

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

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

28 July 2016

(54) Title: DEODORANT AEROSOL EQUIPPED WITH A HOLLOW DISPENSING HEAD

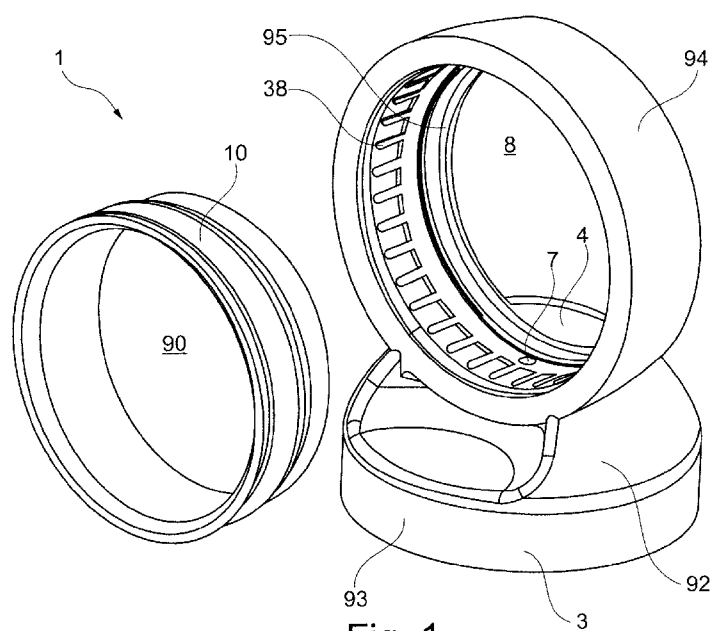


Fig. 1

(57) Abstract: The present invention a device for dispensing a composition, comprising: i) a dispensing head (1) intended to be fitted on a container that contains said composition, said device comprising: - a body (3) that is open at its two opposite axial ends, - an engaging part (10) that is open at its two opposite axial ends, at least partially defining at least one dispensing orifice (12), the cross section of the dispensing orifice being between 0.05 mm² and 0.5 mm²; ii) the composition comprising, in particular in a physiologically acceptable medium: a) a continuous oily phase, and b) at least one deodorant active agent, and c) at least one pulverulent base comprising at least: 1) perlite particles, and 2) particles of lamellar filler other than perlite, and 3) optionally at least one fatty acid salt, and d) at least one propellant.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2015/079505

A. CLASSIFICATION OF SUBJECT MATTER		
INV.	A61Q15/00 B05B1/06	A61K8/25 A61K8/26 A61K8/28 A61K8/02
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) A61Q A61K B05B A45D		
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.
Y	WO 2013/102865 A1 (OREAL [FR]) 11 July 2013 (2013-07-11) abstract; claims 1-28; figures 1-17 page 2, line 14 - line 22 page 14, line 26 - line 28 -----	1-17
Y	US 2014/193470 A1 (ARNAUD LAURENCE [FR] ET AL) 10 July 2014 (2014-07-10) paragraphs [0054] - [0068], [0091] - [0094], [0105], [0104], [0115] - [0117], [0129], [0130], [0234] - [0237], [0251] paragraphs [0266] - [0268] -----	1-17
☐ 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 3 May 2016		Date of mailing of the international search report 07/06/2016
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 Oliveras, Mariana

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2015/079505

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2013102865 A1	11-07-2013	CN 104066515 A	24-09-2014
		EP 2800632 A1	12-11-2014
		FR 2985201 A1	05-07-2013
		RU 2014125993 A	20-02-2016
		US 2015014443 A1	15-01-2015
		WO 2013102865 A1	11-07-2013

US 2014193470 A1	10-07-2014	BR PI0916036 A2	10-11-2015
		EP 2358444 A1	24-08-2011
		US 2012003284 A1	05-01-2012
		US 2014193470 A1	10-07-2014
		WO 2010054921 A1	20-05-2010
