(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 24 December 2003 (24.12.2003)

PCT

(10) International Publication Number WO 2003/106614 A3

(51) International Patent Classification⁷: 7/027, 7/021

A61K 7/02,

(21) International Application Number:

PCT/EP2003/006461

(22) International Filing Date: 2 June 2003 (02.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/166,650 12 June 2002 (12.06.2002) US

(71) Applicant (for all designated States except US): L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LU, Shaoxiang [US/US]; 10 Barley Court, Plainsboro, NJ 08536 (US). BLIN, Xavier [FR/FR]; 24, rue de Staël, F-75015 Paris (FR). MONDET, Jean [FR/FR]; 90, rue Roger Lemaire, F-93600 Aulnay-sous-Bois (FR).

(74) Agent: BOULARD, Denis; L'OREAL - D.I.P.I., 25-29 Quai Aulagnier, F-92600 Asnieres (FR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (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: 8 April 2004

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: COMPOSITION CONTAINING AT LEAST ONE SILICONE-POLYAMIDE STRUCTURED OIL AND A GELLING AGENT, AND METHODS OF THE USE THEREOF

(57) Abstract: The invention relates to a physiologically acceptable composition, in particular a cosmetic composition, containing at least one liquid fatty phase structured with at least one structuring polymer of the silicone-polyamide type, the polymer being solid at room temperature and soluble in said oil at a temperature of from 25 to 250°C, and at least one gelling agent for the liquid fatty phase, said liquid fatty phase containing at least one oil having an affinity with said structuring polymer and/or with said gelling agent, and the liquid fatty phase, the polymer and the gelling agent forming a physiologically acceptable medium. This composition may be in the form of a lipstick which is stable, which does not exude and whose application produces a glossy deposit with good staying power over time.

NATIONAL SEARCH REPORT

Application No Internat PCT/EP 03/06461

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K7/02 A61K7/027 A61K7/021

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{A61K} \end{array}$

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)

CHEM ABS Data, WPI Data, PAJ, EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 266 648 A (OREAL) 18 December 2002 (2002-12-18) page 21-60, line 15 - line 48 page 6, line 34 -page 19, line 5	1-60
X	US 6 051 216 A (MOGHE BHALCHANDRA ET AL) 18 April 2000 (2000-04-18) column 6, line 10 -column 8, line 65; examples	1-60
χ	US 5 981 680 A (PETROFF LENIN JAMES ET AL) 9 November 1999 (1999-11-09)	1
Υ	column 5 -column 6; examples 9-12	2-60
Х	US 6 166 093 A (MONDET JEAN ET AL) 26 December 2000 (2000-12-26) column 3, line 34 -column 4, line 10; examples 10-12	1-60

examples 10-12	line 10;		
	-/		
X Further documents are listed in the continuation of box C.	Patent family members are listed in 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 cled 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 4 February 2004	Date of mailing of the international search report 25/02/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer		
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Irwin, L		
pm PCT/ISA/210 (second sheet) (July 1992)			

INTERIATIONAL SEARCH REPORT

Internat Application No
PCT/EP 03/06461

ation) DOCUMENTS CONSIDERED TO BE RELEVANT					
	Relevant to claim No.				
US 6 319 959 B1 (MONDET JEAN ET AL)	1				
20 November 2001 (2001-11-20) column 3, line 29 -column 5, line 43; examples	2-60				
	US 6 319 959 B1 (MONDET JEAN ET AL) 20 November 2001 (2001-11-20) column 3, line 29 -column 5, line 43;				

INTERNATIONAL SEARCH REPORT Information on patent family members

Internat Application No PCT/EP 03/06461

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1266648	A	18-12-2002	FR CN EP JP US	2825916 A1 1386489 A 1266648 A1 2003055155 A 2003170188 A1	20-12-2002 25-12-2002 18-12-2002 26-02-2003 11-09-2003
US 6051216	A	18-04-2000	AT AU AU BR CN DE EP HU JP NO NZ PL TR WO US ZA	238371 T 730357 B2 8673698 A 9811064 A 1268151 T 69813826 D1 1000112 A1 0002543 A2 2001512164 T 20000492 A 502604 A 338438 A1 200000438 T2 9906473 A1 6353076 B1 9806823 A	15-05-2003 08-03-2001 22-02-1999 19-09-2000 27-09-2000 28-05-2003 17-05-2000 28-12-2000 21-08-2001 28-03-2000 01-02-2002 06-11-2000 21-12-2000 11-02-1999 05-03-2002 31-01-2000
US 5981680	Α	09-11-1999	DE DE EP JP US	69901371 D1 69901371 T2 0974614 A2 2000038450 A RE38116 E1	06-06-2002 05-12-2002 26-01-2000 08-02-2000 06-05-2003
US 6166093	А	26-12-2000	FR AT CA DE DE EP ES JP US	2736057 A1 159741 T 2180030 A1 69600088 D1 69600088 T2 0751162 A1 2112667 T3 9012425 A 6319959 B1	03-01-1997 15-11-1997 28-12-1996 04-12-1997 26-02-1998 02-01-1997 01-04-1998 14-01-1997 20-11-2001
US 6319959	B1	20-11-2001	FR AT CA DE DE EP ES JP US	2736057 A1 159741 T 2180030 A1 69600088 D1 69600088 T2 0751162 A1 2112667 T3 9012425 A 6166093 A	03-01-1997 15-11-1997 28-12-1996 04-12-1997 26-02-1998 02-01-1997 01-04-1998 14-01-1997 26-12-2000