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(54) Title: COSMETIC COMPOSITION COMPRISING A FATTY-CHAIN SILANE AND A PARTICULAR STABILIZING SYSTEM AND PROCESS

(57) Abstract: The present invention relates to a cosmetic composition comprising: - one or more fatty-chain silanes of formula (I) below and/or oligomers thereof: $R_1Si(OR_2)_z(R_3)_x(OH)_y$ (I) in which formula (I): • R_1 represents a linear or branched alkyl or alkenyl group comprising from 7 to 18 carbon atoms, • R_2 and R_3 , which may be identical or different, represent a linear or branched alkyl group comprising from 1 to 6 carbon atoms, • y denotes an integer ranging from 0 to 3, • z denotes an integer ranging from 0 to 3, preferentially from 1 to 3 and better still equal to 3; and • x denotes an integer ranging from 0 to 2, • with $z+x+y=3$, - at least one as-sociative polyurethane and at least one polysaccharide. The invention also relates to a process for the cosmetic treatment of keratin fibers using such a composition.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. A61K8/58 A61K8/73 A61K8/87 A61Q5/06 A61Q5/12 ADD.				
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B. FIELDS SEARCHED				
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X, P	WO 2012/055812 A1 (OREAL [FR]; KHENNICHE SAMIRA [FR]; PLOS GREGORY [FR]) 3 May 2012 (2012-05-03) page 11, line 24 page 12, lines 25-34; claim 1 -----	1-17		
A	DATABASE GNPD [Online] MINTEL; September 2011 (2011-09), "Eye Lift Perfector", XP002691961, Database accession no. 1644401 the whole document ----- -/--	1-17		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.				
* Special categories of cited documents : <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> "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 </td> <td style="width: 50%; border: none; vertical-align: top;"> "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 </td> </tr> </table>			"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
"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	Date of mailing of the international search report			
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INTERNATIONAL SEARCH REPORT

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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.
X	<p>KOBO Products Inc.: "Waterproof Suncare Lotion", October 2003 (2003-10), XP002691962, Retrieved from the Internet: URL:http://www.koboproductsinc.com/formulations/KSL-089.pdf [retrieved on 2012-02-11] the whole document</p>	17
Y	<p>----- EP 0 159 628 A2 (REVLON [US]) 30 October 1985 (1985-10-30) cited in the application the whole document</p>	1-17
Y	<p>----- EP 2 111 848 A2 (OREAL [FR]) 28 October 2009 (2009-10-28) example 2 paragraphs [0087] - [0088] -----</p>	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/EP2013/058671

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2012055812	A1	03-05-2012	FR	2966357 A1	27-04-2012
			WO	2012055812 A1	03-05-2012

EP 0159628	A2	30-10-1985	AU	571671 B2	21-04-1988
			AU	4090685 A	17-10-1985
			CA	1254144 A1	16-05-1989
			DE	3578680 D1	23-08-1990
			EP	0159628 A2	30-10-1985
			JP	S617 A	06-01-1986
			ZA	8502756 A	24-12-1985

EP 2111848	A2	28-10-2009	BR	PI0900977 A2	26-01-2010
			CN	101617996 A	06-01-2010
			EP	2111848 A2	28-10-2009
			FR	2930438 A1	30-10-2009
			JP	2009263369 A	12-11-2009
			US	2009291058 A1	26-11-2009
