



(51) International Patent Classification:

A61K 8/06 (2006.01) A61K 8/49 (2006.01)  
A61K 8/34 (2006.01) A61Q 17/04 (2006.01)  
A61K 8/35 (2006.01) A61Q 19/00 (2006.01)

(21) International Application Number:

PCT/US2012/045646

(22) International Filing Date:

6 July 2012 (06.07.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13/177,880 7 July 2011 (07.07.2011) US

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(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, QA, RO, RS, RU, RW, 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, 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, ML, MR, NE, SN, TD, TG).

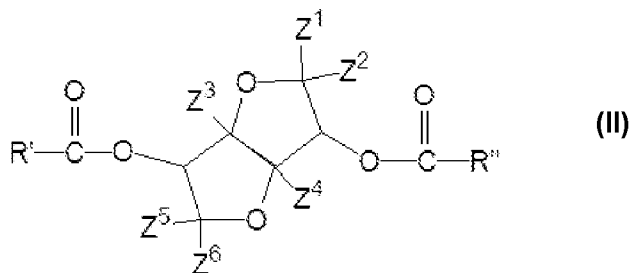
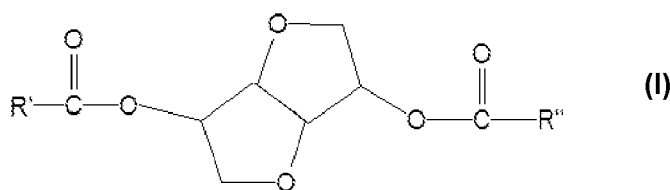
Published:

- 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:

17 April 2014

(54) Title: PERSONAL CARE COMPOSITIONS WITH IMPROVED SOLUBILITY OF A SOLID COSMETIC ACTIVE SUBSTANCE



(57) Abstract: Personal care compositions are disclosed comprising an isosorbide diester having the formula: (I) wherein R' and R'' are independently selected from a straight or branched C<sub>1-30</sub> chain, which may be saturated or unsaturated. The personal care compositions also comprise a solid cosmetic active soluble in the isosorbide diester and a dermatologically acceptable carrier. The personal care composition may be in the form of an emulsion. A personal care composition is also disclosed comprising an isosorbide diester having the formula: (II) wherein R' and R'' are independently selected from a straight or branched C<sub>1-30</sub> chain which may be saturated or unsaturated and Z<sup>1</sup>-Z<sup>6</sup> are independently selected from hydrogen, hydroxyl, amino, amido, R', or R''. Methods of making the aforementioned personal care compositions are also disclosed.



**INTERNATIONAL SEARCH REPORT**

International application No PCT/US2012/045646
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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. A61K8/06      A61K8/34      A61K8/35      A61K8/49      A61Q17/04 A61Q19/00 ADD. According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) A61K A61Q 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, CHEM ABS Data				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	DATABASE GNPD [Online] MINTEL; May 2011 (2011-05), "Orange Blossom & Hazelnut Moisturizing Body Lotion", XP002720471, Database accession no. 1533893 the whole document -----	1-4,9, 20,29		
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Y	DE 197 23 732 A1 (BEIERSDORF AG [DE]) 10 December 1998 (1998-12-10) the whole document ----- -/--	1-29		
<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 border="0"> <tr> <td style="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="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                      "&amp;" 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		
18 February 2014		04/03/2014		
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## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2012/045646

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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