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- 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))

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12 February 2015

(54) Title: COMPOSITION COMPRISING (2,5-DIAMINOPHENYL)ETHANOL, AN ALKYL POLYGLUCOSIDE NONIONIC SURFACTANT, AN OXYETHYLENATED SORBITAN ESTER OR A POLYALKOXYLATED OR POLYGLYCEROLATED FATTY ALCOHOL IN A MEDIUM RICH IN FATTY SUBSTANCES, DYEING PROCESS AND DEVICE THEREFORE

(57) Abstract: The present invention relates to a composition for dyeing keratin fibres, in particular human keratin fibres such as the hair, comprising one or more fatty substances, one or more alkylpolyglucoside nonionic surfactants and/or one or more oxyethylenated C8-C30 fatty acid esters of sorbitan, one or more (poly)alkoxylated fatty alcohols, and/or one or more (poly)glycerolated fatty alcohols; one or more oxidation bases chosen from (2,5-diaminophenyl)ethanol and also acid salts thereof or solvates thereof such as hydrates, optionally one or more couplers, optionally one or more basifying agent(s), one or more chemical oxidizing agent(s), and whose fatty substance content represents in total at least 10% by weight relative to the total weight of the composition and more particularly at least 25 % by weight relative to the total weight of the said composition.



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## INTERNATIONAL SEARCH REPORT

International application No  
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## A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K8/31 A61K8/41 A61K8/60 A61Q5/12  
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)

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, CHEM ABS Data, 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         | EP 2 198 927 A2 (OREAL [FR])<br>23 June 2010 (2010-06-23)<br>paragraph [0008] - paragraph [0024];<br>claims; examples 1,2<br>paragraph [0030] - paragraph [0086]<br>-----         | 1-24                  |
| Y         | EP 2 198 832 A1 (OREAL [FR])<br>23 June 2010 (2010-06-23)<br>paragraph [0007] - paragraph [0123];<br>claims; examples 1,2<br>-----                                                | 1-24                  |
| Y         | EP 0 686 389 A1 (OREAL [FR])<br>13 December 1995 (1995-12-13)<br>page 2, line 27 - page 3, line 57;<br>examples 1,2<br>page 5, line 55 - page 6, line 22; claims<br>-----<br>-/-- | 1-24                  |



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

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## INTERNATIONAL SEARCH REPORT

International application No  
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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. |
| Y                                                    | US 6 224 637 B1 (GOLINSKI FRANK [DE] ET AL) 1 May 2001 (2001-05-01)<br>column 1, line 49 - column 2, line 67;<br>claims; examples<br>-----                                                                                     | 1-24                  |
| Y                                                    | DE 42 27 864 A1 (HENKEL KGAA [DE])<br>24 February 1994 (1994-02-24)<br>page 2, line 21 - page 3, line 67; claims;<br>examples; table III<br>-----                                                                              | 1-24                  |
| Y                                                    | EP 1 123 693 A2 (HENKEL KGAA [DE])<br>16 August 2001 (2001-08-16)<br>paragraph [0004] - paragraph [0015];<br>claims; table 1<br>paragraph [0038] - paragraph [0043]<br>-----                                                   | 1-24                  |
| Y                                                    | EP 2 343 037 A1 (PROCTER & GAMBLE [US])<br>13 July 2011 (2011-07-13)<br>paragraph [0010] - paragraph [0024];<br>claims; examples<br>paragraph [0041] - paragraph [0046]<br>paragraph [0061] - paragraph [0071]<br>-----        | 1-24                  |
| X                                                    | US 6 238 653 B1 (NARASIMHAN SAROJA [US] ET AL) 29 May 2001 (2001-05-29)<br>column 2, line 25 - column 6, line 67;<br>examples 1-3<br>column 13, line 5 - column 14, line 56<br>column 16, line 61 - column 18, line 2<br>----- | 1-10,<br>12-20        |
| A                                                    | DE 10 2004 055074 A1 (HENKEL KGAA [DE])<br>18 May 2006 (2006-05-18)<br>paragraph [0006] - paragraph [0008];<br>example 2.1<br>paragraph [0112] - paragraph [0119]<br>-----                                                     | 1-24                  |
| A                                                    | WO 2004/019895 A1 (WELLA AG [DE];<br>SCHMENGER JUERGEN [DE]; LAUSCHER DIRK<br>[DE]; DOEHLING AN)<br>11 March 2004 (2004-03-11)<br>page 1, paragraph 1 - page 4, paragraph 3;<br>claims; example 6<br>-----                     | 1-24                  |

# INTERNATIONAL SEARCH REPORT

International application No.  
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## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 6(completely); 1-5, 13-24(partially)

Cosmetic composition for dyeing keratin fibres comprising :  
a) one or more fatty substances ; b) one or more alkyl(poly)glucoside nonionic surfactants;c) one or more oxidation base(s) chosen from (2,5 - diaminophenyl)ethanol and also acid salts thereof or solvates thereof such as hydrates and the fatty substance content representing in total at least 20% by weight relative to the total weight of the composition.

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2. claims: 7, 8(completely); 1-5, 13-24(partially)

Cosmetic composition for dyeing keratin fibres comprising :  
a) one or more fatty substances ; b) oxyethylenated C8 to C30 fatty acid ester(s) of sorbitan ;c) one or more oxidation base(s) chosen from (2,5 - diaminophenyl)ethanol and also acid salts thereof or solvates thereof such as hydrates and the fatty substance content representing in total at least 20% by weight relative to the total weight of the composition.

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3. claims: 9-12(completely); 1-5, 13-24(partially)

Cosmetic composition for dyeing keratin fibres comprising :  
a) one or more fatty substances ; b) one or more (poly)alkoxylated fatty alcohol(s) and/or one or more (poly)glycerolated fatty alcohol(s);c) one or more oxidation base(s) chosen from (2,5 - diaminophenyl)ethanol and also acid salts thereof or solvates thereof such as hydrates and the fatty substance content representing in total at least 20% by weight relative to the total weight of the composition.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Information on patent family members

International application No

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