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(54) Title: IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOSITIONS

(57) Abstract: Provided is an improved liquid composition for the treatment of surfaces, preferably the skin and/or hair in order to provide a cleaning and/or sanitizing effect thereto, which necessarily comprises: one or more deterative surfactants selected from anionic, nonionic, cationic, and amphoteric surfactants; a first biocidal constituent(s) which provide a biocidal effect in conjunction with at least one or more second biocidal constituent(s) selected from benzoic acid, benzoic acid derivatives and salts thereof or farnesol, one or more pH adjusting constituents, optionally one or more organic solvents, hydrotropes, and further additive constituents, and water. In preferred embodiments the hydrotrope and/or organic solvents are desirably excluded from the compositions, and the composition is thickened. The compositions are particularly useful as a hand wash composition, body wash or shampoo.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 C11D3/00 C11D3/20 A61Q5/02 A61Q19/10 A61K8/36
 A61K8/34

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)
 C11D A61K

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)
 EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 147 039 A (JACQUES ET AL) 14 November 2000 (2000-11-14) claim 1; example 2 column 1, line 53 - column 2, line 19 column 7, line 30 - line 40 column 7, line 51 - line 60	1-9
X	WO 98/02139 A (INDUSTRIA E COMERCIO DE COSMETICOS NATURA LTDA; SOUZA, SIMONI, CHITARR) 22 January 1998 (1998-01-22) page 2, line 22 - line 45; claims 1-4	1-9
X	US 6 294 186 B1 (BEERSE PETER WILLIAM ET AL) 25 September 2001 (2001-09-25) claims 1,3,5,26-28; examples 21,25,27-31	1,2,5-9
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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	"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
"E" earlier document but published on or after the international filing date	"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
"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)	"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.
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 27 January 2006	Date of mailing of the international search report 15 FEB 2006
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Loiselet-Taisne, S
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 ional 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.
X	US 2002/177535 A1 (PITERSKI CATHERINE A ET AL) 28 November 2002 (2002-11-28) paragraph '0062!; claims 1,23,26,32-36,41,43; examples 1,2	1,2,5-9
X	DE 197 53 982 A1 (HENKEL KGAA, 40589 DUESSELDORF, DE) 10 June 1999 (1999-06-10) page 3, line 33 - line 57; claims 1-10,12,15; example 3	1,5,8
X	WO 01/28338 A (THE PROCTER & GAMBLE COMPANY) 26 April 2001 (2001-04-26) examples 21-25,31	1,5-9
X	US 2002/182237 A1 (BISSETT DONALD LYNN ET AL) 5 December 2002 (2002-12-05) claims 1,12,13; example V	1-5,8,9
X	WO 98/55093 A (THE PROCTER & GAMBLE COMPANY) 10 December 1998 (1998-12-10) page 9, line 28 - line 33; claims component 5 of page 40, components 3 and 5 of page 41	1,5-9
X	WO 00/62745 A (THE PROCTER & GAMBLE COMPANY) 26 October 2000 (2000-10-26) page 19, last paragraph - page 20, paragraph 2; claim 1 page 25 - page 27	1-5,8,9
P,X	WO 2005/009352 A (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; MODAK, SHA) 3 February 2005 (2005-02-03) claims 1,9,29,31,32; examples Z,p.22	1-5,8,9
A	US 6 071 541 A (MURAD ET AL) 6 June 2000 (2000-06-06) claims 1-11,19-22,24; example 5	1-5,8,9

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Box 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 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 fee, this Authority did not invite payment of any additional fee.
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.
- 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: 1-9 partially

A liquid composition for the treatment of the skin and/or hair in order to provide a cleaning and/or sanitizing effect thereto, which comprises: 1-35% wt. one or more deterative surfactants selected from anionic, nonionic, cationic and amphoteric surfactants, 0.01-5% wt. of one or more first biocidal constituent(s) which provide a biocidal effect in conjunction with at least one or more biocidal constituent(s) selected from benzoic acid, benzoic acid derivatives and/or salts thereof; 0.01-7% wt. of one or more pH adjusting constituents, 0-10% wt. of one or more organic solvents, 0-10% wt. of one or more hydrotopes, and to 100%wt water

2. claims: 1-9 partially

A liquid composition for the treatment of the skin and/or hair in order to provide a cleaning and/or sanitizing effect thereto, which comprises: 1-35% wt. one or more deterative surfactants selected from anionic, nonionic, cationic and amphoteric surfactants, 0.01-5% wt. of one or more first biocidal constituent(s) which provide a biocidal effect in conjunction with at least one or more biocidal constituent(s) in form of farnesol ; 0.01-7% wt. of one or more pH adjusting constituents, 0-10% wt. of one or more organic solvents, 0-10% wt. of one or more hydrotopes, and to 100%wt water

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