

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
24 August 2006 (24.08.2006)

PCT

(10) International Publication Number  
**WO 2006/088673 A3**

(51) International Patent Classification:  
A61Q 19/08 (2006.01)

(21) International Application Number:  
PCT/US2006/004000

(22) International Filing Date: 3 February 2006 (03.02.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
11/057,957 15 February 2005 (15.02.2005) US

(71) Applicant (for all designated States except US): **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TAYLOR, Rebecca, Ann** [US/US]; 7027 Watersedge Lane, Apt. 165, Cincinnati, Ohio 45241 (US). **CLAPP, Mannie, Lee** [US/US]; 5042 Lexington Court, Mason, Ohio 45040 (US). **STELLA, Ching** [US/US]; 7919 Cooper Road, Cincinnati, Ohio 45242 (US). **WESNER, John, Christopher** [US/US]; 6955 Lakota Ridge Drive, Liberty Township, Ohio 45011 (US). **GARZA, Cynthia, Ann** [US/US]; 10679 Breedshill Drive, Cincinnati, Ohio 45231 (US).

(74) Common Representative: **THE PROCTER & GAMBLE COMPANY**; c/o Eileen L. Hughett, The Procter & Gamble Company, Winton Hill Business Center, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

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

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:  
18 January 2007

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: PERSONAL CARE COMPOSITIONS CONTAINING HYDROPHOBICALLY MODIFIED NON-PLATELET PARTICLES

(57) Abstract: A rinsable personal care composition includes (a) 0 to 75 weight percent of a composition surfactant; (b) 0.01 to 99 weight percent of a skin benefit agent or emollient; (c) 0.01 to 20 weight percent of a hydrophobically modified non-platelet particle; and (d) 0 to 99 % water.



WO 2006/088673 A3

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2006/004000

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61Q19/08

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 practical, search terms used)

EPO-Internal, WPI Data, EMBASE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/109391 A1 (MIDHA SANJEEV [US] ET AL) 12 June 2003 (2003-06-12) the whole document claims 1-20; examples 1-10 -----	1-15
X	US 6 395 691 B1 (TSAUR LIANG SHENG [US]) 28 May 2002 (2002-05-28) the whole document column 7, line 60 - column 8, line 40; claims 1-3; examples 1-7 -----	1-15
X	WO 2004/100922 A (PROCTER & GAMBLE [US]; CLAPP MANNIE LEE [US]; GARZA CYNTHIA ANN [US];) 25 November 2004 (2004-11-25) the whole document page 8, line 16 - line 32; claims 1-11 ----- -/--	1-15

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 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 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

19 October 2006

Date of mailing of the international search report

30/10/2006

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  
  
Felder, Christian

## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/004000

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>"TREATED PIGMENTS - KOBOT" INTERNET CITATION, [Online] May 2000 (2000-05), XP002299173 Retrieved from the Internet: URL: <a href="http://www.koboproductsinc.com/Downloads/TreatedPigments.pdf">http://www.koboproductsinc.com/Downloads/TreatedPigments.pdf</a> [retrieved on 2004-10-05] the whole document</p>	1-15
X	<p>HASENZAHLS ET AL: "Fumed silica for personal care and cosmetics - versatile and effective" SOFW-JOURNAL SEIFEN, OELE, FETTE, WACHSE, VERLAG FUR CHEMISCHE INDUSTRIE, AUGSBURG, DE, August 2003 (2003-08), pages 1-8, XP002289365 ISSN: 0942-7694 the whole document</p>	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2006/004000
---------------------------------------------------

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003109391	A1	12-06-2003	NONE
<hr/>			
US 6395691	B1	28-05-2002	AT 303130 T 15-09-2005
		BR 0207623 A	13-01-2004
		CN 1509163 A	30-06-2004
		CZ 20032323 A3	12-11-2003
		DE 60205869 D1	06-10-2005
		DE 60205869 T2	22-06-2006
		WO 02067888 A1	06-09-2002
		EP 1363596 A1	26-11-2003
		ES 2247319 T3	01-03-2006
		HU 0302814 A2	28-11-2003
		JP 2004523550 T	05-08-2004
		MX PA03007569 A	04-12-2003
		PL 366926 A1	07-02-2005
		RU 2282433 C2	27-08-2006
		ZA 200305175 A	05-07-2004
<hr/>			
WO 2004100922	A	25-11-2004	AU 2004238313 A1 25-11-2004
			BR PI0410051 A 25-04-2006
			CA 2524475 A1 25-11-2004
			EP 1633444 A1 15-03-2006
			MX PA05011950 A 02-02-2006
<hr/>			