



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 7/06	A3	(11) International Publication Number: WO 98/40046 (43) International Publication Date: 17 September 1998 (17.09.98)
(21) International Application Number: PCT/US97/03564 (22) International Filing Date: 10 March 1997 (10.03.97) (71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MITSUMATSU, Arata [JP/JP]; 7-33-203, Asahigaoka-cho, Ashiya, Hyogo 659 (JP). NAKAMURA, Kiichiro [JP/JP]; 1-10-101-2711, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 3 December 1998 (03.12.98)
(54) Title: HAIR CONDITIONING COMPOSITIONS (57) Abstract Disclosed are hair conditioning compositions comprising by weight: (a) from about 0.4 % to about 5.0 % of an amidoamine; (b) from about 0.05 % to about 2.0 % of an acid; (c) from about 1 % to about 15 % of a high melting point compound having a melting point of at least about 25° C selected from the group consisting of fatty alcohols, fatty acids, fatty alcohol derivatives, fatty acid derivatives, hydrocarbons, steroids, and mixtures thereof; (d) from about 0.02 % to about 2 % of an oily compound having a melting point of not more than about 25° C selected from the group consisting of a first oily compound, a second oily compound, and mixtures thereof; and (e) water; wherein the molar ratio of the amidoamine to acid is about 1 : 0.3 to about 1 : 1, and wherein the composition is substantially free of quaternary ammonium compounds. Further disclosed are suitable methods of making the conditioning compositions.		

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/03564

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K7/06

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)

IPC 6 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 42 32 506 A (HENKEL) 31 March 1994 see examples B1-B11, 1-2 ---	1-12
A	STN File Supplier, Karlsruhe, DE, File XP002046285 Chemical Abstracts, vol 113, AN=217792 see the abstract & JP 02 160 714 A (KANEBO) ---	1-12
A	WO 95 20939 A (PROCTER & GAMBLE) 10 August 1995 see the whole document ---	1-12
A	EP 0 562 639 A (HELENE CURTIS) 29 September 1993 see the whole document -----	1-12

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Date of the actual completion of the international search

10 November 1997

Date of mailing of the international search report

03/12/1997

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 97/03564

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