



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷: A61K 7/06	A1	(11) International Publication Number: WO 00/21495 (43) International Publication Date: 20 April 2000 (20.04.00)
(21) International Application Number: PCT/US99/23466 (22) International Filing Date: 7 October 1999 (07.10.99) (30) Priority Data: 09/169,656 9 October 1998 (09.10.98) US 09/405,994 27 September 1999 (27.09.99) US (71) Applicant: COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US). (72) Inventors: REICH, Charles; 413 Lincoln Avenue, Highland Park, NJ 08904 (US). PARADI, Elizabeth; 2907 Hartzell Street, Evanston, IL 60201 (US). CHUPA, Janine, A.; 3 Ginger Court, Princeton, NJ 08540 (US). KOZUBAL, Cheryl, L.; 33F Franklin Greens, Somerset, NJ 08873 (US). SU, Dean, Terng-Tzong; 12 Arnold Drive, Princeton Junction, NJ 08550 (US). (74) Agent: MIANO, Rosemary, M.; Colgate-Palmolive Com- pany, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SI, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: VOLUMIZING HAIR CARE COMPOSITIONS CONTAINING SILOXYSILICATES (57) Abstract This invention relates to an improved formulation hair volumizers which comprise: (a) from 0.01 – 15 percent by weight (based on the total weight of the composition) of a selected liquid MQ resin having an M:Q ratio of 0.5–1.5 and a medium viscosity in the range of 1.0×10^3 – 1×10^6 centipoise; and (b) from 85 – 99.99 percent by weight (based on the total weight of the composition) of a hair care carrier (also called a vehicle). The compositions of this invention provide hair with increased volume without significant stiffness or stickiness and may be made in the form of a shampoo, conditioner, combination shampoo/conditioner, sprays, liquid rinses, gels or mousses.		