990576O-6

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 7/06	A1	(11) International Publication Number: WO 98/52517
		(43) International Publication Date: 26 November 1998 (26.11.98)

(21) International Application Number: PCT/US98/08425

(22) International Filing Date: 13 May 1998 (13.05.98)

(30) Priority Data:
08/862,628 23 May 1997 (23.05.97) US

(71) Applicant: COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) Inventors: HARDY, Eugene, E.; 30 Brinckerhoff Avenue, Freehold, NJ 07728 (US). PSIHOULES, Anthony; 167 Bywater Way, Somerville, NJ 08876 (US).

(74) Agent: BARANCIK, Martin, B.; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855-1343 (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, GM, GW, HU, ID, 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, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: HAIR FIXING COMPOSITION

(57) Abstract

A hair fixing composition comprising a) from about 0.5 to about 10 wt.% of a copolymer of polyvinylpyrrolidine and vinylacetate, b) from about 0.5 to about 8 wt.% of at least about 80 wt.% neutralized copolymer of vinylacetate, crotonic acid, and vinylneodecanoate, and c) a solvent system compatible with the combination of copolymer a and copolymer b, the wt.% of a and b in the range of about 1:5 to about 5:1.