

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: A61K 7/06, 7/13, 7/42	A1	(11) International Publication Number: WO 98/41186 (43) International Publication Date: 24 September 1998 (24.09.98)
(21) International Application Number: PCT/US98/05207 (22) International Filing Date: 17 March 1998 (17.03.98) (30) Priority Data: 08/819,809 18 March 1997 (18.03.97) US (71) Applicant: REVLON CONSUMER PRODUCTS CORPORATION [US/US]; 625 Madison Avenue, New York, NY 10022 (US). (72) Inventors: HAWKINS, Geoffrey, R.; 447 Knollbrook Drive, Langhorne, PA 19047 (US). DOLAK, Terence, M.; 27 Mountain View Drive, Andover, NJ 07821 (US). GUTKOWSKI, Glenn, A.; 568 Bryant Street, Rahway, NJ 07065 (US). (74) Agents: FLINTOFT, Gerald, J. et al.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).		(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, <u>SG</u> , SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, 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, 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> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: HAIR DYE COMPOSITIONS AND PROCESS (57) Abstract A composition for oxidative dyeing of hair comprising, by weight of the total composition; 0.0001–20 % of at least one primary intermediate and at least one coupler for the formation of oxidation dyes, 0.01–10 % of a 2-hydroxyphenyl benzotriazole compound which absorbs ultraviolet radiation in the wavelength range of 200 to 400 nanometers, 0.5–20 % surfactant, and 10–65 % water; a two component kit containing the hair dye composition and a developer, and a method for oxidative dyeing of hair with said kit.		