



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C09J 11/06, B32B 7/12, C08K 5/00, 5/3475	A1	(11) International Publication Number: WO 00/66676 (43) International Publication Date: 9 November 2000 (09.11.00)		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> (21) International Application Number: PCT/EP00/03616 (22) International Filing Date: 20 April 2000 (20.04.00) (30) Priority Data: 09/303,583 3 May 1999 (03.05.99) US 09/303,582 3 May 1999 (03.05.99) US (71) Applicant: CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Balse (CH). (72) Inventors: RENZ, Walter; 12 Murphy's Lane, Brookfield, CT 06804 (US). WOOD, Mervin, Gale; Beach Road, Poughquag, NY 12570 (US). SUHADOLNIK, Joseph; 337 Hallocks Mill Road, Yorktown Heights, NY 10598 (US). RAVICHANDRAN, Ramanathan; 7 Kensington Court, Nanuet, NY 10954 (US). IYENGAR, Revathi; 33 Jerome Drive, Cortlandt Manor, NY 10567 (US). HALL, Luther, A., R.; 36 Old Farms Road, Woodcliff Lake, NJ 07675 (US). </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> (81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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> </td> </tr> </table>			(21) International Application Number: PCT/EP00/03616 (22) International Filing Date: 20 April 2000 (20.04.00) (30) Priority Data: 09/303,583 3 May 1999 (03.05.99) US 09/303,582 3 May 1999 (03.05.99) US (71) Applicant: CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Balse (CH). (72) Inventors: RENZ, Walter; 12 Murphy's Lane, Brookfield, CT 06804 (US). WOOD, Mervin, Gale; Beach Road, Poughquag, NY 12570 (US). SUHADOLNIK, Joseph; 337 Hallocks Mill Road, Yorktown Heights, NY 10598 (US). RAVICHANDRAN, Ramanathan; 7 Kensington Court, Nanuet, NY 10954 (US). IYENGAR, Revathi; 33 Jerome Drive, Cortlandt Manor, NY 10567 (US). HALL, Luther, A., R.; 36 Old Farms Road, Woodcliff Lake, NJ 07675 (US).	(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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>
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(54) Title: STABILIZED ADHESIVE COMPOSITIONS CONTAINING HIGHLY SOLUBLE, RED-SHIFTED, PHOTOSTABLE BENZOTRIAZOLE UV ABSORBERS AND LAMINATED ARTICLES DERIVED THEREFROM (IIIc) (57) Abstract Adhesive compositions are rendered stable against degradation caused by ultraviolet light through the incorporation of selected highly soluble, red-shifted, photostable benzotriazole UV absorbers which absorb light strongly in the 350 to 400 nm range. Also suitable are 2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole and 2-(2-hydroxy-3-α-cumyl-5-tert-butylphenyl)-2H-benzotriazole in combination with the red shifted benzotriazoles. A further subject of the invention are novel asymmetrical bisbenzotriazoles of formula (IIIc) where G₂' is perfluoroalkyl of 1 to 12 carbon atoms, preferably CF₃, and where G₂ does not contain said group are red-shifted and due to the asymmetry are particularly soluble and useful in a host of applications including automotive coatings, thermoplastics and especially in adhesive compositions, themselves useful in solar panels and other laminate structures. All these UV absorbers exhibit excellent photostability and are highly soluble in adhesive formulations. The laminated articles derived from these compositions include, for example, solar control films, films and glazings, UV absorbing glasses and glass coatings, windscreens, retroreflective sheetings and signs, solar reflectors, optical films and the like.				