



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B32B 27/30, B29D 9/00, C08L 51/06, 23/08, 25/10, B32B 27/36	A1	(11) International Publication Number: WO 99/24256 (43) International Publication Date: 20 May 1999 (20.05.99)
(21) International Application Number: PCT/US98/23573 (22) International Filing Date: 5 November 1998 (05.11.98) (30) Priority Data: 60/064,474 6 November 1997 (06.11.97) US 09/138,376 24 August 1998 (24.08.98) US (71) Applicant: ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US). (72) Inventor: TSAI, Mingliang, Lawrence; 7 Barbara Drive, Holmdel, NJ 07733 (US). (74) Agents: CRISS, Roger, H. et al.; AlliedSignal Inc., Law Dept. (Attn: R. Fels), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (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, 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, 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 claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: MULTILAYERED HALOPOLYMER POLY(ALKYLENE NAPHTHALATE) FILMS WITH UV BLOCKING CHARACTERISTICS		
(57) Abstract The present invention provides coextruded or laminated multilayer films having at least one layer of a halopolymer such as poly(chlorotrifluoro ethylene) (PCTFE), at least one layer of a naphthalene containing polymer such as poly(ethylene naphthalate) (PEN), and an intermediate adhesive layer. The invention further provides methods of producing oriented, multilayer films which comprise either coextruding or laminating at least one layer of a halopolymer to a surface of at least one layer of a naphthalene containing polymer by an intermediate adhesive layer. The multilayer film may be uniaxially or biaxially stretched, and an optional thermoplastic polymer layer may be attached to another surface of either the halopolymer layer, the naphthalene containing polymer layer, or both, by another intermediate adhesive layer.		