20 000 4755-5 IPOS's copy

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : B42D 15/10 — A1

(11) International Publication Number: WO 99/46133

(43) International Publication Date: 16 September 1999 (16.09.99)

(21) International Application Number: PCT/GB99/00634

(22) International Filing Date: 3 March 1999 (03.03.99)

(30) Priority Data:
1) 9805111.3 — 10 March 1998 (10.03.98) — GB
2) 9805112.1 — 10 March 1998 (10.03.98) — GB

(71) Applicant *(for all designated States except US)*: DE LA RUE INTERNATIONAL LIMITED [GB/GB]; De La Rue House, Jays Close, Viables, Basingstoke, Hampshire RG22 4BS (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: CHATWIN, Charles, Edward [GB/GB]; Slinfold House, The Street, Slinfold, Horsham, West Sussex RH13 7RP (GB). FICE, Christopher, John [GB/GB]; 12 Lismore Road, Highworth, Swindon, Wilts SN6 7HU (GB).

(74) Agent: GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

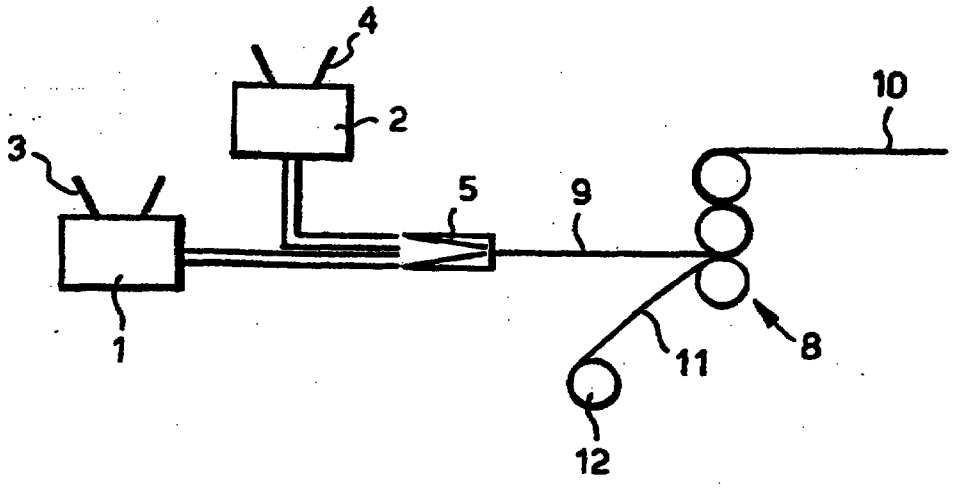
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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
With international search report.

1 applic

2 Invs

(54) Title: METHOD OF MANUFACTURING A SECURITY ITEM



(57) Abstract

A method of manufacturing a security item comprises coextruding at least two polymer plastics materials (6, 7) with different characteristics so as to form a substrate, neither material being biaxially oriented; and providing security indicia (14) on the substrate.