



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C08G 64/14, 64/42	A1	(11) International Publication Number: WO 99/50336 (43) International Publication Date: 7 October 1999 (07.10.99)
(21) International Application Number: PCT/US99/06434 (22) International Filing Date: 24 March 1999 (24.03.99) (30) Priority Data: 09/053,348 1 April 1998 (01.04.98) US (71) Applicant: GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US). (72) Inventors: MESTANZA, Raphael; 20, rue des Eglsutiers, F-57110 Kuntzig (FR). HOEKS, Theodorus, Lambertus; Halsterseweg 303, NL-4613 AS Bergen op Zoom (NL). DE BONT, Johannes, Joachim; Molensingel 27, NL-4724 CK Wouw (NL). (74) Agents: SNYDER, Bernard et al.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (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, 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, UZ, VN, YU, ZA, 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 <i>With international search report.</i>
(54) Title: BRANCHED POLYCARBONATE PRODUCED BY REACTIVE EXTRUSION (57) Abstract Polycarbonate can be branched by reactive extrusion using free radical chemistry. This technology combines the effect of free radical initiator and branching agent on polycarbonate during processing. Melt Strength of polycarbonate can be increased by addition of a triacrylate as branching agent and peroxide as radical initiator.		