

25 April 2003

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C08G 63/64	A1	(11) International Publication Number: WO 00/26274 (43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/US99/20413 (22) International Filing Date: 7 September 1999 (07.09.99) (30) Priority Data: 09/181,902 29 October 1998 (29.10.98) US (71) Applicant: GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US). (72) Inventors: SICLOVAN, Tiberiu, Mircea; 1455 Dorwaldt Boulevard #5-9, Schenectady, NY 12308 (US). WEBB, Jimmy, Lynn; 31 Woodstead Road RD 2, Ballston Lake, NY 12019 (US). BROWN, Sterling, Bruce; 2308 Berkley Avenue, Schenectady, NY 12309 (US). BUCKLEY, Don- ald, Joseph, Jr.; 3354 Ralph Street, Schenectady, NY 12304 (US). PICKET, James, Edward; 4331 Buckingham Drive, Schenectady, NY 12304 (US). (74) Agents: SNYDER, Bernard et al.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).	(81) Designated States: CN, JP, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: WEATHERABLE BLOCK COPOLYESTERCARBONATES AND BLENDS CONTAINING THEM		
(57) Abstract Block copolyestercarbonates may be prepared by first conducting a reaction between resorcinol or an alkyl- or halo-resorcinol and at least one aromatic dicarboxylic acid chloride, preferably isophthaloyl chloride, terephthaloyl chloride or a mixture thereof, to produce a hydroxy-terminated polyester intermediate and then conducting a reaction of the intermediate with a dihydroxyaromatic compound, preferably bisphenol A, and a carbonyl halide, preferably phosgene. The products have excellent physical properties, including a high degree of weatherability. They may be blended with other polymers such as polycarbonates and poly(alkylene carboxylates) to improve the weatherability thereof.  *162162*  *G00002*		