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(21) International Application Number: PCT/US99/26974 (22) International Filing Date: 12 November 1999 (12.11.99) (30) Priority Data: 09/197,788 23 November 1998 (23.11.98) US (71) Applicant: GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US). (72) Inventor: CRAIG, Daniel, Horace; 1516 Valencia Road, Schenectady, NY 12309 (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. 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: EMULSION POLYMERIZED POLYACRYLATE RUBBER, IMPACT MODIFIERS AND BLENDS OBTAINED THEREFROM, AND METHOD FOR MAKING (57) Abstract Weatherable thermoplastic compositions, such as a copolymer of styrene and acrylonitrile (SAN) are provided having improved impact strength. Improvements in thermoplastic composition properties are the result of the incorporation of the graft of an emulsion polymerized cross-linked poly(acrylate) rubber. The emulsion polymerized cross-linked poly(acrylate) rubber is synthesized in the presence of an effective amount of an alpha-alkylstyrenic monomer, such as alpha-methylstyrene dimer; the emulsion polymerized cross-linked poly(acrylate) rubber can be monomodal or bimodal.		