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(21) International Application Number: PCT/US00/00210 (22) International Filing Date: 4 January 2000 (04.01.00) (30) Priority Data: 09/250,052 12 February 1999 (12.02.99) US (71) Applicant: GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US). (72) Inventors: CHOATE, Kim; Excel #305, 6-2-3, 3-chome Higashishukugo, Utsunomiya City, Tochigi Prefecture 321-0953 (JP). NEFF, Angela, R.; 29 Lexington Drive, Clifton Park, NY 12065 (US). RAYMOND, Paul, Cletus, III; 4-5-9, Minami Azabu, Minato-ku, Tokyo 106-0047 (JP). RODGERS, Patrick, A.; 66 Dorchester Avenue, Selkirk, NY 12158 (US). WROCZYNSKI, Ronald, James; 209 Vioncenza Lane, Schenectady, NY 12303 (US). (74) Agents: SNYDER, Bernard et al.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).		(81) Designated States: AU, BR, CA, CN, JP, KR, 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: METHOD FOR DETERMINING FLAME RETARDANCE OF POLYMER COMPOSITIONS (57) Abstract A method for determining flame retardance of polymer compositions includes subjecting a plurality of specimens of a polymer composition to a flame test and performing a statistical analysis of the data obtained. The statistical analysis includes determining the probability of at least one possible outcome of the flame test. The probability of possible outcomes provides a measure of the flame retardance of the polymer composition. A preferred flame test is the UL-94 flame test.		