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(21) International Application Number: PCT/US99/19951 (22) International Filing Date: 31 August 1999 (31.08.99) (30) Priority Data: 09/161,811 28 September 1998 (28.09.98) US (71) Applicant: E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors: SHAFFER, Donald, E.; 5921 Kennett Pike, Wilmington, DE 19807 (US). GHORASHI, Hamid, Moayed; 3507 Walkers Ferry Road, Midlothian, VA 23112 (US). (74) Agent: SHAFER, Robert, J.; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AU, BR, CA, CN, IN, JP, MX, RU, 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: FLAME RESISTANT FABRICS		
(57) Abstract The present invention provides a woven flame resistant fabric comprising dissimilar warp and fill yarns, the warp yarns comprise staple or filament fibers and have a Limiting Oxygen Index of at least 27, and the fill yarns comprise natural fibers and wherein the ratio of warp to fill yarn ends in the fabric is at least 1.0.		