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(21) International Application Number: PCT/US96/05183 (22) International Filing Date: 16 April 1996 (16.04.96) (30) Priority Data: 435,916 5 May 1995 (05.05.95) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventor: POLOSO, Anthony; 1078 Randolph Drive, Yardley, PA 19067-4312 (US). (74) Agents: SCHNELLER, Marina, V. et al.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).		(81) Designated States: AU, CA, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: HIGH DENSITY POLYETHYLENE WITH IMPROVED THERMOFORMING CHARACTERISTICS (57) Abstract The melt strength and thermoforming characteristics of high density polyethylene are improved significantly with no adverse effects on extrusion conditions by lightly crosslinking the resin using low levels of organic peroxides or electron beam radiation.		