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(21) International Application Number: PCT/US96/06182 (22) International Filing Date: 2 May 1996 (02.05.96) (30) Priority Data: 08/497,991 ☒ 3 July 1995 (03.07.95) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). ☒ (72) Inventors: MINK, Robert, Ivan; 30A Gates Avenue, Warren, NJ 07059-5732 (US). NOWLIN, Thomas, Edward; 7 Perrine Path, Cranbury, NJ 08512 (US). SCHREGENBERGER, Sandra, Denise; 5 Hope Court, Neshanic, NJ 08853 (US). SHIRODKAR, Pradeep, Pandurang; 8 McIntire Drive, Belle Mead, NJ 08502 (US). TSIEN, Grace, Onkee; 78 Elm Street, Colonia, NJ 07067-4009 (US). ☒ <i>see PFI.</i> (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: SINGLE REACTOR BIMODAL HMW-HDPE FILM RESIN WITH IMPROVED BUBBLE STABILITY ☒ (57) Abstract Single reactor bimodal MWD high molecular weight polyethylene film resin has improved bubble stability. The bimodal molecular weight distribution resin has low resin elasticity. Preferably the resin is made catalytically in one reactor. The preferred catalyst appears to control the properties of bubble stability and elasticity.		