

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C08F 10/00, 4/64, 4/68, 4/69	A1	(11) International Publication Number: WO 00/52066 (43) International Publication Date: 8 September 2000 (08.09.00)
(21) International Application Number: PCT/US99/04765 (22) International Filing Date: 3 March 1999 (03.03.99) (71) Applicant: EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US). (72) Inventors: FORD, Randa, Ray; 3013 Latonia, Longview, TX 75605 (US). AMES, William, Albert; 454 Hall Drive, Longview, TX 75605 (US). DOOLEY, Kenneth, Alan; 402 Northwest Drive, Longview, TX 75604 (US). VANDERBILT, Jeffrey, James; 1417 Rosedown Street, Longview, TX 75604 (US). WONDERS, Alan, George; 1016 Lovers Lane, Longview, TX 75604 (US). (74) Agent: GRAVES, Bernard, J., Jr.; P.O. Box 511, Kingsport, TN 37662-5075 (US).		(81) Designated States: BR, CA, CN, CZ, ID, IN, JP, KR, MX, RU, SG, UA, 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: PROCESS FOR PRODUCING POLYETHYLENE (57) Abstract A novel process for producing homopolymers and copolymers of ethylene which involves contacting ethylene and/or ethylene and at least one or more olefin comonomer(s) under polymerization conditions with a Ziegler-Natta type catalyst, trimethylaluminum and tetrahydrofuran. Also provided are films and articles produced therefrom.		