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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C08F 4/603, 4/70, 10/02	A1	(11) International Publication Number: WO 00/20467 (43) International Publication Date: 13 April 2000 (13.04.00)
(21) International Application Number: PCT/US99/22580 (22) International Filing Date: 1 October 1999 (01.10.99) (30) Priority Data: 09/166,545 5 October 1998 (05.10.98) US (71) Applicant: W.R. GRACE & CO.-CONN [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US). (72) Inventor: SHIH, Keng-Yu; 5455 Wooded Way, Columbia, MD 21044 (US). (74) Agent: MAGGIO, Robert, A.; W.R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MD 21044 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: SUPPORTED BIDENTATE AND TRIDENTATE CATALYST COMPOSITIONS AND OLEFIN POLYMERIZATION USING SAME		
(57) Abstract A heterogeneous catalyst composition suitable for olefinic polymerization and to methods of forming polyolefinic products using said composition. The catalyst composition comprises an anionic metalloid silane modified inorganic oxide and the cationic remnant of a transition metal bidentate or tridentate compound.		