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(21) International Application Number: PCT/US97/19463 (22) International Filing Date: 17 October 1997 (17.10.97) (30) Priority Data: 60/034,819 19 December 1996 (19.12.96) US (71) Applicant: THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US). (72) Inventors: NICKIAS, Peter, N.; 2705 Mt. Vernon Drive, Midland, MI 48642 (US). PATTON, Jasson, T.; 1302 Whitehall Street, Midland, MI 48642 (US). (74) Agent: DELINE, Douglas, N.; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, 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, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: 3-ARYL SUBSTITUTED INDENYL CONTAINING METAL COMPLEXES AND POLYMERIZATION PROCESS (57) Abstract Group 4 metal constrained geometry complexes comprising a 3-aryl-substituted indenyl ligand, catalytic derivatives thereof and their use as olefin polymerization catalysts, especially for preparing interpolymers comprising ethylene and a monovinyl aromatic monomer are disclosed.		