

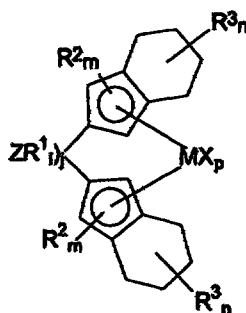


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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷: C07F 17/00, C07C 13/465, C07F 7/08, C08F 10/00	A1	(11) International Publication Number: WO 00/29416 (43) International Publication Date: 25 May 2000 (25.05.00)
(21) International Application Number: PCT/EP99/08647 (22) International Filing Date: 10 November 1999 (10.11.99) (30) Priority Data: 98203905.9 18 November 1998 (18.11.98) EP (71) Applicant (for all designated States except US): MONTELL TECHNOLOGY COMPANY B.V. [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL). (72) Inventor; and (75) Inventor/Applicant (for US only): RESCONI, Luigi [IT/IT]; Via Arianuova, 56/B, I-44100 Ferrara (IT). (74) Agents: ZANOLI, Enrico et al.; Montell Italia S.p.A., P. le G. Donegani 12, I-44100 Ferrara (IT).		(81) Designated States: AU, BR, CA, CN, HU, IL, IN, JP, KR, MX, RU, SG, US, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). 22 SEP 2000 Published <i>With international search report.</i>

(54) Title: BIS(TETRAHYDRO-INDENYL) METALLOCENES AS OLEFIN-POLYMERISATION-CATALYST

(I)

(57) Abstract

A new class of bridged bis(tetrahydro-indenyl)metallocenes of formula (I), wherein M is Zr or Hf; X are monoanionic sigma ligands; (ZR¹)_i is a divalent group bridging the two tetrahydro-indenyl residues; R² and R³ are halogen, alkyl, cycloalkyl, aryl, alkylaryl or arylalkyl radicals; p is 0-3; i is 1 or 2; j is 1-4; m is 0-2; n is 0-8. Furthermore, catalysts systems for olefin polymerization containing them and the corresponding ligands are described.