

200000959-7

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C08F 10/00, C08L 23/10, C07C 2/86, 13/465	A2	(11) International Publication Number: WO 00/01738 (43) International Publication Date: 13 January 2000 (13.01.00)
(21) International Application Number: PCT/EP99/04548 (22) International Filing Date: 1 July 1999 (01.07.99) (30) Priority Data: 98202226.1 2 July 1998 (02.07.98) EP (71) Applicant (for all designated States except US): MONTELL TECHNOLOGY COMPANY BV [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): RESCONI, Luigi [IT/IT]; Via Arianuova, 56/B, I-44100 Ferrara (IT). MOSCARDI, Gilberto [IT/IT]; Via Fossato, 26, I-44100 Ferrara (IT). SILVESTRI, Rosanna [IT/IT]; Via Della Pozza, 27, I-36015 Schio (IT). BALBONI, Davide [IT/IT]; Via Bastianino, 8, I-44100 Ferrara (IT). (74) Agents: ZANOLI, Enrico et al.; Montell Italia S.p.A., Intellectual Property Patents and Trademarks, 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). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: PROCESS FOR THE PREPARATION OF SUBSTANTIALLY AMORPHOUS ALPHA-OLEFIN POLYMERS AND COMPOSITIONS CONTAINING THEM AND PROCESS FOR THE PREPARATION OF BRIDGED LIGAND (57) Abstract Amorphous polymers of alpha-olefins, particularly of propylene, having high molecular weights and narrow molecular weight distributions, in which the isotactic sequences are more abundant than the syndiotactic ones, can be obtained in high yields at temperatures of industrial interest by carrying out the polymerization reaction in the presence of metallocene catalysts comprising particular bridged bis-indenyl compounds substituted in the 3-position on the indenyl groups. The obtained amorphous polymers are particularly useful for the preparation of miscible compositions with substantially isotactic alpha-olefins.		