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(21) International Application Number: PCT/EP99/05355 (22) International Filing Date: 22 July 1999 (22.07.99) (30) Priority Data: 98202516.5 27 July 1998 (27.07.98) EP (71) Applicant (for all designated States except US): MONTELL TECHNOLOGY COMPANY B.V. [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): DRENT, Eit [NL/NL]; Dr Melchiorlaan 2, NL-1901 KE Castricum (NL). SJARDIJN, Willem [NL/NL]; Anne Franklaan 503, NL-1443 HP Purmerend (NL). SUYKERBUYK, Jacoba [NL/NL]; Tol- straat 94-3, NL-1073 SE Amsterdam (NL). WANNINGER, Klaus [DE/NL]; Singel 315, I-II, NL-1012 WJ Amsterdam (NL). (74) Agents: ZANOLI, Enrico et al.; Montell Italia S.p.A., Intel- lectual Property, Patents and Trademarks, P.le G. Donegani, 12, I-44100 Ferrara (IT).		(81) Designated States: CA, CN, JP, KR, SG, US, 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> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: A POLYMERIZATION PROCESS (57) Abstract The invention relates to a process for the polymerization of ethene and optionally one or more other olefin monomers by contacting the monomers under polymerization conditions with a catalyst system obtainable by combining: (a) a palladium, nickel or platinum ion, (b) an anion derived from an acid having a pKa of less than 3, and containing an atom of Group V A of the Periodic Table of Elements, wherein the Group V A atom is substituted with at least one aryl group, said aryl groups being substituted with a polar group on the ortho position. The invention also relates to a novel class of cyclic olefin copolymers, containing functional groups, which are obtainable with the above process.		