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(71) Applicant (for all designated States except US): **NOV-OLEN TECHNOLOGY HOLDINGS C.V.** [NL/NL];
Oostduinlaan 75, The Hague, 2596 JJ (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PACZKOWSKI, Nicola** [DE/US]; 9269 Kempergrove Lane, Loveland, Ohio 45140 (US). **WINTER, Andreas** [DE/DE]; Anden Brunnengaerten 3, 67271 Neuleiningen (DE). **LANGHAUSER, Franz** [DE/DE]; Haagweg 18, 67152 Ruppertsberg (DE).

(74) Agents: **CALDERONE, Adrian** et al.; **DILWORTH & BARRESE, LLP**, 333 Earle Ovington Boulevard, Uniondale, New York 11553 (US).

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(54) Title: METALLOCENE CATALYSTS, THEIR SYNTHESIS AND THEIR USE FOR THE POLYMERIZATION OF OLEFINS

(57) Abstract: A process for the preparation of a catalyst system includes the steps of combining a support material with a first composition which includes at least one aluminoxane in a first solvent to provide an aluminoxane loaded support; and, contacting the aluminoxane loaded support with a second composition which includes at least one metallocene compound, a second solvent, and a cocatalyst, wherein the cocatalyst includes a second portion of the at least one aluminoxane alone or in combination with an ionic compound and/or a Lewis acid.



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