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Abstract of the Disclosure

Method For Preparing A Solid Metallocene Containing Catalyst System Useful In Olefin Polymerization

Methods are disclosed for preparing a highly active solid metallocene-containing catalyst system and its use in the polymerization of olefins. The catalyst system is prepared by creating a catalyst system solution by combining an aluminoxane with a metallocene having a substituent which has olefinic unsaturation in a suitable liquid to form a liquid catalyst system, conducting prepolymerization of an olefin in the liquid catalyst system, and separating the resulting solid metallocene-containing catalyst system from the reaction mixture. Also polymerization of olefins using the inventive catalyst system is disclosed.

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