

Title (en)
SYNTHESIS OF TITANOCENES

Title (de)
TITANOCENSYNTHESE

Title (fr)
SYNTHESE DE TITANOCENES

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Abstract (en)
[origin: WO9822476A1] A method for the preparation of titanium-containing metallocene compounds, including constrained geometry titanium complexes, useful as olefin polymerization catalysts is disclosed. Pursuant to the invention, titanium tetrachloride is converted to titanium trichloride by reaction with a metal compound in a non-interfering solvent to produce a mixture useful directly for reaction with a deprotonated metallocene ligand. The titanocene compounds produced pursuant to the invention are free of trace amounts of aluminum which can adversely affect the polymerization reaction.

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