The present invention relates to a polynuclear metallocene compound of the formula I (*See Patent for Chemical Structure*) (I) a process for their preparation and their use as a catalyst for olefin polymerization.

5587439

POLYMER SUPPORTED CATALYST FOR OLEFIN POLYMERIZATION

DiMaio Anthony-J Maineville, OH, UNITED STATES assigned to Quantum Chemical Corporation

The present invention is directed to a supported metallocene catalyst useful in the polymerization of alpha-olefins which is obtained by tethering a metallocene catalyst component to the surface of a particulate, functionalized copolymeric support material.

5591815

ZIRCONIUM AND HAFNIUM-CATALYZED POLYMERIZATION OF METHYLENECYCLOPROPANE

Marks Tobin J; Yang Xinmin; Jia Li Evanston, IL, UNITED STATES assigned to Northwestern University

A polymer having a repeating unit of (*See Patent for Chemical Structure*) and a method for preparing it through Zr-catalyzed polymerization of methylenecyclopropane is disclosed.

5597935

SYNTHESIS OF ANSA-METALLOCENE CATALYSTS

Jordan Richard F; Diamond Gary Iowa City, IA, UNITED STATES assigned to University of Iowa Research Foundation

A process of preparing in high yield ansa-metallocene complexes and rac ansa-metallocene complexes by reacting an ansa-bis-cyclopentadiene compound with a metal amide complex.

ENVIRONMENTAL CATALYSIS

5565091

CATALYST COMPOSITION MANUFACTURING METHOD AND SULFUR-CONTAINING HYDROCARBON HYDRODESULFURIZATION METHOD USING THE SAME CATALYST COMPOSITION

Iino Akira; Iwamoto Ryuichiro; Mitani Tsuyoshi Sodegaura, JAPAN assigned to Idemitsu Kosan Co Ltd; Petroleum Energy Center

PCT No. PCT/JP94/00222 Sec. 371 Date Oct. 14, 1994 Sec. 102(e) Date Oct. 14, 1994 PCT Filed Feb. 15, 1994 PCT Pub. No. WO94/17910 PCT Pub. Date Aug. 18, 1994. By mixing an alumina gel suspension prepared by dispersing alumina gel in pure water in an alumina concentration of 0.1 to 12% by weight, with an aqueous metal salt solution wherein a compound of a Group VIA metal and a compound of a Group VIII metal are dissolved, and then evaporating water to dry while stirring the mixture, the metal component can be loaded effectively on the alumina gel to a sufficiently high loading quantity, and active catalyst compositions