

Title (en)  
2-HETEROATOM SUBSTITUTED CYCLOPENTADIENYL-CONTAINING METAL COMPLEXES AND OLEFIN POLYMERIZATION PROCESS

Title (de)  
METALLKOMPLEX ENTHALTEND EINE AN POSITION 2 SUBSTITUIERTE CYCLOPENTADDIENYLGRUPPE UND EIN  
OLEFINPOLYMERISATIONSVERFAHREN

Title (fr)  
COMPLEXES METALLIQUES CONTENANT DU CYCLOPENTADIENYLE A SUBSTITUTION D'HETEROATOME EN POSITION 2 ET PROCEDE  
DE POLYMERISATION D'OLEFINE

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: WO9806728A1] This invention relates to heteroatom substituted cyclopentadienyl-containing ligands, metal complexes containing these ligands, catalyst systems prepared from catalyst components comprising these metal complexes. The metal complexes contain a heteroatom-Cp bond or a ring heteroatom-Cp bond in the 2-position of the Cp. In preferred metal complexes the ligand is a 2-heteroatom substituted indenyl group. The catalyst systems for olefin polymerization may be used at high temperatures, are highly active and produce high molecular weight polymer.

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