

Title (en)
HOMOLEPTIC RARE EARTH TRIARYL COMPLEXES

Title (de)
HOMOLEPTISCHE SELTENERD-TRISARYL-KOMPLEXE

Title (fr)
COMPLEXES HOMOLEPTIQUES TERRE RARE/TRISARYLE

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Application
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Abstract (en)
[origin: WO2013017281A1] The invention relates to chelate-stabilized homoleptic triaryl compounds based on phenylphosphoranes, to methods for preparing same and to the use thereof as catalysts. According to the invention, the object is achieved by homoleptic rare earth triaryl complexes of the general formula (1), where SE = Sc, Y, La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb or Lu; X = O, CRR'; R1, R2 = phenyl; R, R' = mutually independently H, alkyl with n = 10 C atoms, phenyl or trimethylsilyl.

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Citation (search report)
See references of WO 2013017281A1

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