

Title (en)
POLYCYCLIC SILICON-GERMANIUM COMPOUNDS, PROCESS OF PREPARING SAME AND THEIR USE FOR PRODUCING A SI- AND GE-CONTAINING SOLID

Title (de)
POLYCYCLISCHE SILICIUM-GERMANIUM-VERBINDUNGEN, VERFAHREN ZUR HERSTELLUNG DERSELBEN SOWIE DIE VERWENDUNG DERSELBEN ZUM HERSTELLEN EINES SI- UND GE-ENTHALTENDEN FESTKÖRPERS

Title (fr)
COMPOSÉS DE SILICIUM-GERMANIUM POLYCYCLIQUES, PROCÉDÉ DE PRÉPARATION ASSOCIÉ ET UTILISATION CORRESPONDANTE POUR LA PRODUCTION D'UN SOLIDE CONTENANT DU SI ET DU GE

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Abstract (en)
[origin: WO2022111758A1] The present invention relates to a compound of formula (I), wherein E1 to E6 independently of each other represent Si or Ge; X1 to X4 are independently of each other selected from the group consisting of H, SiH3, halogen and Si(Y)3; Y is independently selected from C1 to C20 alkyl and halogen; R1 to R12 are independently of each other selected from the group consisting of C1 to C20 alkyl, C2 to C20 alkenyl, C2 to C20 alkynyl, C3 to C20 cycloalkyl, C6 to C20 aryl, C7 to C20 arylalkyl, C7 to C20 alkylaryl and Z; and Z is independently selected from the group consisting of H, halogen and C1 to C20 alkyl; to a process of preparing those compounds and to their use for producing an Si- and Ge-containing solid.

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