

Title (en)
CATALYST COMPOSITION AND USE THEREOF

Title (de)
KATALYSATOR ZUSAMMENSETZUNG UND IHRE VERWENDUNG

Title (fr)
COMPOSITION CATALYTIQUE ET SON UTILISATION

Publication
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Application
EP 00945888 A 20000705

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Abstract (en)
[origin: WO0102463A1] Catalyst composition based on (a) a Group VIII metal compound, (b) an anion, and (c) a ligand of the formula $R<1>R<2>M<1>-R<5>-M<2>R<3>R<4>$, wherein $R<1>$, $R<2>$, $R<3>$ and $R<4>$ represent similar or different hydrocarbyl groups, which may optionally be substituted, $M<1>$ and $M<2>$ represent similar or different elements selected from arsenic, antimony, phosphorus and nitrogen and $R<5>$ represents a bivalent bridging group in which the bridge consists of three atoms, the outer two of which are carbon atoms and the middle one (X) of which forms part of a group (I) wherein: X represents carbon or silicon; Y may represent a variety of groups and structures. The catalyst composition is particularly useful in the preparation of linear alternating polyketone polymers.

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