

Title (en)  
CATALYST COMPOSITION AND USE THEREOF

Title (de)  
KATALYSATOR ZUSAMMENSETZUNG UND IHRE VERWENDUNG

Title (fr)  
COMPOSITION CATALYTIQUE ET SON UTILISATION

Publication  
**EP 1192205 A1 20020403 (EN)**

Application  
**EP 00945888 A 20000705**

Priority  
• 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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IPC 8 full level  
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