

## Title (en)

TRANSITION METAL COMPOUND, A PROCESS FOR ITS PREPARATION AND ITS USE AS A CATALYST COMPONENT

## Title (de)

ÜBERGANGSMETALLVERBINDUNG, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN VERWENDUNG ALS KATALYSATORBESTANDTEIL

## Title (fr)

COMPOSE D'UN METAL DE TRANSITION, SON PROCEDE DE PREPARATION ET SON UTILISATION COMME CONSTITUANT CATALYSEUR

## Publication

**EP 1019421 A1 20000719 (EN)**

## Application

**EP 96943384 A 19961220**

## Priority

- DE 19548298 A 19951222
- NL 9600491 W 19961220

## Abstract (en)

[origin: DE19549352A1] Compound of formula (I) is new:  $\text{LnAmMX}_k$  (I) L = borato-benzene ligand of formula (II): R = H, 1-10C alkyl or 6-10C aryl, or two adjacent R groups can form a ring system; Y = H, 1-10C alkyl, 6-10C aryl, halogen,  $\text{NR}_2$  or  $-\text{PR}_2$ ; R = halogen, 1-10C alkyl or 6-10C aryl; A = optionally substituted pi-ligand, eg. cyclopentadienyl, or optional adjacent substituents on the ring may combine to form another ring system; M = Group IIIb or Vb metal; X = H, 1-20 C alkyl, 1-10C alkoxy, 6-20 C aryl, 2-12C alkenyl, 7-40C arylalkyl, 7-40C alkylaryl, OH, halogen or  $\text{NR}_2$ ; n = 1 - 2; m = 0 - 1; and k = 1 - 4, with the provision that the sum of n + m + k is 3 - 5. Also claimed are: (i) the preparation of (I); and (ii) use of cpds. (I) as catalyst components for the polymerisation of olefins.

## IPC 1-7

**C07F 17/00**; **C07F 19/00**; **C08F 4/62**

## IPC 8 full level

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## DOCDB simple family (application)

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