

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: 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, 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 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

C07F 5/02 (2006.01); **C07F 9/00** (2006.01); **C07F 17/00** (2006.01); **C07F 19/00** (2006.01); **C08F 4/62** (2006.01); **C08F 4/643** (2006.01); **C08F 10/00** (2006.01); **C08F 4/639** (2006.01); **C08F 4/659** (2006.01)

CPC (source: EP)

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Citation (search report)

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