

Title (en)
CATALYST SYSTEM

Title (de)
KATALYSATORSYSTEM

Title (fr)
SYSTEME DE CATALYSEUR

Publication
EP 1086146 A1 20010328 (DE)

Application
EP 99925004 A 19990518

Priority
• DE 19823168 A 19980523
• EP 9903415 W 19990518

Abstract (en)
[origin: DE19823168A1] Catalyst system contains: (a) metallocene(s); (b) Lewis base(s) comprising (organyl)hydrides of main group V elements; (c) a support; (d) organoboron-aluminum compound(s), bound covalently to the support; and optionally (e) an organometallic compound of a main group I, II or III element. Catalyst system contains: (A) metallocene(s); (B) Lewis base(s) comprising (organyl)hydrides of main group V elements of formula (I); (C) a support; (D) organoboron-aluminum compound(s) of formula (II), bound covalently to the support; and optionally (E) an organometallic compound of a main group I, II or III element of formula (III): R<3>, R<4>, R<5> = hydrogen (H), 1-20 carbon (C) (halo)alkyl, 6-40 C (halo)aryl, 7-40 C alkylaryl or 7-40 C arylalkyl and 2 or all 3 of R<2>, R<3> and R<4> may be combined to a 2-20 C unit; M<2> = a main group V element; R<1>, R<2> = H, halogen, 1-40 C organyl, especially 1-20 C (halo)alkyl, 1-10 C alkoxy, 6-20 C (halo)aryl, 6-20 C aryloxy, 7-40 C (halo)arylalkyl, 7-40 C (halo)alkylaryl; or R<1> = -OSiR₃; R = as R<1>; M<3> = a main group III element; i, j = 0, 1 or 2; M<4> = a main group I, II or III element; R<6> = H, halogen or 1-40 C organyl, especially 1-20 C alkyl, 6-40 C aryl, 7-40 C arylalkyl or 7-40 C alkylaryl; p = 1-3; k = 1-4.

IPC 1-7
C08F 4/607; **C08F 10/00**

IPC 8 full level
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