

Title (en)
POLYMERISATION CATALYST

Title (de)
POLYMERISATIONSKATALYSATOR

Title (fr)
CATALYSEUR DE POLYMERISATION

Publication
EP 0925312 A1 19990630 (EN)

Application
EP 97939065 A 19970905

Priority

- GB 9702419 W 19970905
- GB 9619081 A 19960912
- GB 9714386 A 19970708

Abstract (en)
[origin: WO9811144A1] A catalyst composition suitable for use in the polymerisation of olefins comprises a discrete metal complex having chelating ligands comprising at least one atom from O, S, N and P bound directly to the metal. The complexes are used in the presence of Lewis acids and may be exemplified by bis(cyclopentadienyl) zirconium complexes. Typical chelating ligands include acetylacetonate and the complexes have the particular advantages of not requiring traditional activators such as MAO.

IPC 1-7
C08F 4/60; **C08F 10/00**; **C07F 17/00**

IPC 8 full level
C07F 7/00 (2006.01); **C07F 7/28** (2006.01); **C07F 17/00** (2006.01); **C08F 4/60** (2006.01); **C08F 4/64** (2006.01); **C08F 10/00** (2006.01); **C08F 4/619** (2006.01)

CPC (source: EP)
C07F 17/00 (2013.01); **C08F 10/00** (2013.01); **C08F 4/61908** (2013.01); **C08F 4/61912** (2013.01); **C08F 110/02** (2013.01)

Citation (search report)
See references of WO 9811144A1

Designated contracting state (EPC)
AT BE DE ES FR GB GR IT NL PT SE

DOCDB simple family (publication)
WO 9811144 A1 19980319; AR 009777 A1 20000503; AU 4128997 A 19980402; EG 21243 A 20010430; EP 0925312 A1 19990630; ID 22033 A 19990826; JP 2001500550 A 20010116; NO 991190 D0 19990311; NO 991190 L 19990512; TW 424100 B 20010301; TW 510906 B 20021121

DOCDB simple family (application)
GB 9702419 W 19970905; AR P970104196 A 19970912; AU 4128997 A 19970905; EG 92197 A 19970910; EP 97939065 A 19970905; ID 990080 A 19970905; JP 51335398 A 19970905; NO 991190 A 19990311; TW 86113216 A 19970911; TW 89101189 A 19970911