

Title (en)
CYCLOPENTADIENE COMPOUND SUBSTITUTED WITH LINEAR GROUPS

Title (de)
MIT LINEARER GRUPPEN SUBSTITUIERTE CYCLOPENTADIEN VERBINDUNGEN

Title (fr)
COMPOSE DE CYCLOPENTADIENE SUBSTITUE PAR DES GROUPES LINEAIRES

Publication
EP 0900194 A1 19990310 (EN)

Application
EP 97919752 A 19970428

Priority
• NL 9700232 W 19970428
• NL 1003005 A 19960503

Abstract (en)
[origin: WO9742161A1] Polysubstituted cyclopentadiene compound, wherein at least one substituent is of the form -RDR'n, where R is a bonding group between the cyclopentadiene and the DR'n group, D is a hetero atom chosen from group (15 or 16) of the Periodic System of the Elements, R' is a substituent and n is the number of R' groups bonded to D, and in which at least one further substituent is a linear alkyl group comprising at least 2 carbon atoms. Metal complexes in which at least one of these cyclopentadiene compounds is present as a ligand are useful as catalysts for the polymerisation of alpha-olefins.

IPC 1-7
C07C 211/25; C08F 10/00; C07F 9/50; C07F 17/00; B01J 31/22

IPC 8 full level
B01J 31/22 (2006.01); **C07C 211/25** (2006.01); **C07F 17/00** (2006.01); **C08F 4/64** (2006.01); **C08F 10/00** (2006.01); **C08F 4/659** (2006.01); **C08F 4/6592** (2006.01)

CPC (source: EP)
B01J 31/143 (2013.01); **B01J 31/2295** (2013.01); **C07C 211/25** (2013.01); **C07F 17/00** (2013.01); **C08F 10/00** (2013.01); **B01J 2531/46** (2013.01); **C08F 4/65912** (2013.01); **C08F 4/6592** (2013.01)

C-Set (source: EP)
C08F 10/00 + C08F 4/6592

Citation (search report)
See references of WO 9742161A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9742161 A1 19971113; AU 2410997 A 19971126; EP 0900194 A1 19990310; JP 2001510443 A 20010731; NL 1003005 C2 19971106

DOCDB simple family (application)
NL 9700232 W 19970428; AU 2410997 A 19970428; EP 97919752 A 19970428; JP 53978497 A 19970428; NL 1003005 A 19960503