

Title (en)

SUPPORTED CATALYST COMPOSITION AND PROCESS FOR THE POLYMERIZATION OF OLEFIN MONOMERS

Title (de)

GETRÄGERTE KATALYSATORZUSAMMENSETZUNG UND VERFAHREN ZUR POLYMERISATION VON OLEFINMONOMEREN

Title (fr)

COMPOSITION DE CATALYSEUR SUR SUPPORT ET PROCEDE POUR LA POLYMERISATION DE MONOMERES D'OLEFINES

Publication

**EP 0896589 A1 19990217 (EN)**

Application

**EP 97919758 A 19970501**

Priority

- EP 97919758 A 19970501
- EP 96201119 A 19960503
- NL 9700238 W 19970501

Abstract (en)

[origin: WO9742228A1] A catalyst system comprising a carrier material, at least one transition metal complex and optionally at least one co-catalyst. The transition metal complex consists of a reduced transition metal (e.g. titanium), chosen from groups 4-6 of the Periodic Table of the Elements, with a multidentate monoanionic ligand and with two monoanionic ligands. The invention also relates to a process for producing polymers using the catalyst system, and to the obtained polymer products.

IPC 1-7

**C08F 4/64**; **C08F 10/02**

IPC 8 full level

**C08F 4/64** (2006.01); **C08F 10/00** (2006.01); **C08F 10/02** (2006.01); **C08F 4/639** (2006.01); **C08F 4/6392** (2006.01); **C08F 110/02** (2006.01); **C08F 110/06** (2006.01); **C08F 210/02** (2006.01); **C08F 210/16** (2006.01)

CPC (source: EP KR)

**C08F 4/64** (2013.01 - KR); **C08F 10/00** (2013.01 - EP); **C08F 4/63912** (2013.01 - EP); **C08F 4/63916** (2013.01 - EP); **C08F 4/6392** (2013.01 - EP); **C08F 110/02** (2013.01 - EP); **C08F 110/06** (2013.01 - EP); **C08F 210/02** (2013.01 - EP); **C08F 210/16** (2013.01 - EP)

Citation (search report)

See references of WO 9742228A1

Designated contracting state (EPC)

BE CH DE ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)

**WO 9742228 A1 19971113**; AU 2411497 A 19971126; BR 9708973 A 19990803; CA 2253460 A1 19971113; EA 199800979 A1 19990429; EP 0896589 A1 19990217; ID 17297 A 19971218; JP 2000509740 A 20000802; KR 20000010947 A 20000225; NO 985128 D0 19981103; NO 985128 L 19981103

DOCDB simple family (application)

**NL 9700238 W 19970501**; AU 2411497 A 19970501; BR 9708973 A 19970501; CA 2253460 A 19970501; EA 199800979 A 19970501; EP 97919758 A 19970501; ID 971473 A 19970502; JP 53978897 A 19970501; KR 19980709096 A 19981103; NO 985128 A 19981103