

Title (en)  
UNBRIDGED MONOCYCLOPENTADIENYL METAL COMPLEX CATALYST HAVING IMPROVED TOLERANCE OF MODIFIED METHYLALUMINOXANE

Title (de)  
MONOCYCLOPENTADIENYL METALLKOMPLEXKATALYSATOR OHNE BRÜCKENBINDUNG MIT VERBESSERTER TOLERANZ GEGENÜBER MODIFIZIERTEM METHYLALUMINOXAN

Title (fr)  
CATALYSEUR MONOCYCLOPENTADIENIENYLE NON PONTE RENFERMANT UN COMPLEXE METALLIQUE ET PRESENTANT UNE TOLERANCE AMELIOREE DE METHYLALUMINOXANE MODIFIE

Publication  
**EP 1102795 A1 20010530 (EN)**

Application  
**EP 99937587 A 19990728**

Priority  
• US 9917119 W 19990728  
• US 12467598 A 19980729

Abstract (en)  
[origin: WO0006614A1] There is provided a catalyst containing a transition metal precursor having the formula (C<sub>5</sub>R<1>5)TiY<sub>3</sub>, (wherein each y is independently selected from the group consisting of a C1-C20 alkoxide, a C1-C20 amide, a C1-C20 carboxylate and a C1-C20 carbomate) an alcohol or carboxylic acid, an aluminoxane, and optionally a substituted bulky phenol and/or a support or spray drying material. There is also provided a polymerization process employing the catalyst composition, a polymer produced using the catalyst, and a cable produced therefrom.

IPC 1-7  
**C08F 4/642**; **C08F 4/649**; **C08F 10/00**; **H01B 3/44**

IPC 8 full level  
**C08F 2/34** (2006.01); **C08F 4/642** (2006.01); **C08F 4/649** (2006.01); **C08F 4/6592** (2006.01); **C08F 10/00** (2006.01); **C08F 10/02** (2006.01); **C08F 10/06** (2006.01); **C08F 36/02** (2006.01); **H01B 3/44** (2006.01); **C08F 210/06** (2006.01); **C08F 210/16** (2006.01); **C08F 210/18** (2006.01)

CPC (source: EP KR)  
**C08F 4/6592** (2013.01 - KR); **C08F 10/00** (2013.01 - EP KR); **C08F 210/06** (2013.01 - KR); **C08F 210/16** (2013.01 - KR); **C08F 210/18** (2013.01 - KR); **H01B 3/441** (2013.01 - EP KR); **C08F 4/6592** (2013.01 - EP); **C08F 210/06** (2013.01 - EP); **C08F 210/16** (2013.01 - EP); **C08F 210/18** (2013.01 - EP)

Citation (search report)  
See references of WO 0006614A1

Cited by  
US7884165B2; US8110640B2; US8242221B2; US8309748B2; US8759246B2; US9062134B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0006614 A1 20000210**; AU 5239099 A 20000221; BR 9912456 A 20020115; CA 2338767 A1 20000210; CN 1419570 A 20030521; EP 1102795 A1 20010530; JP 2002521533 A 20020716; KR 20010071048 A 20010728; PL 345752 A1 20020102

DOCDB simple family (application)  
**US 9917119 W 19990728**; AU 5239099 A 19990728; BR 9912456 A 19990728; CA 2338767 A 19990728; CN 99811261 A 19990728; EP 99937587 A 19990728; JP 2000562410 A 19990728; KR 20017001197 A 20010129; PL 34575299 A 19990728