

Title (en)

SUPPORTED MODIFIED ZIEGLER-METALLOCENE CATALYST FOR OLEFIN POLYMERIZATION

Title (de)

GETRÄGERTER, MODIFIZIERTER ZIEGLER-METALLOCEN-KATALYSATOR ZUR OLEFINPOLYMERISATION

Title (fr)

CATALYSEUR ZIEGLER-METALLOCENE MODIFIE SUPPORTEE POUR LA POLYMERISATION DES OLEFINES

Publication

EP 0946297 A1 19991006 (EN)

Application

EP 97934098 A 19970711

Priority

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- US 69173496 A 19960802

Abstract (en)

[origin: WO9805422A1] A novel bimetallic catalyst was prepared from trialkyl silanol, dibutylmagnesium, alkoxy titanium chloride complex and a metallocene-alumoxane reaction product supported on silica. This catalyst can polymerize ethylene and higher olefins using triethylaluminum (TEA), diisobutylaluminum hydride (DIBAH), trimethylaluminum (TMA) and other aluminum alkyls as co-catalyst to give bimodal MWD resins suitable for premium HIC and/or HMW film applications.

IPC 1-7

B01J 31/00; **C08F 4/02**

IPC 8 full level

B01J 31/06 (2006.01); **B01J 31/00** (2006.01); **B01J 31/02** (2006.01); **B01J 31/14** (2006.01); **B01J 31/16** (2006.01); **B01J 31/22** (2006.01); **C08F 4/02** (2006.01); **C08F 4/64** (2006.01); **C08F 10/00** (2006.01); **C08F 4/659** (2006.01)

CPC (source: EP KR)

B01J 31/00 (2013.01 - KR); **B01J 31/0274** (2013.01 - EP); **B01J 31/122** (2013.01 - EP); **B01J 31/143** (2013.01 - EP); **B01J 31/1616** (2013.01 - EP); **B01J 31/22** (2013.01 - KR); **B01J 31/2295** (2013.01 - EP); **C08F 10/00** (2013.01 - EP); **B01J 2531/48** (2013.01 - EP); **B01J 2531/49** (2013.01 - EP); **C08F 4/65912** (2013.01 - EP); **C08F 110/02** (2013.01 - EP)

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