

Title (en)  
PROCESS FOR POLYMERIZING OLEFINS EMPLOYING A CATALYST PREPARED FROM ORGANOMAGNESIUM COMPOUND; OXYGEN- OR NITROGEN- CONTAINING COMPOUND; HALIDE SOURCE; TRANSITION METAL COMPOUND AND REDUCING AGENT.

Title (de)  
VERFAHREN ZUR POLYMERISATION VON OLEFINEN UNTER VERWENDUNG EINES KATALYSATORS AUS EINER ORGANOMAGNESIUMVERBINDUNG; EINE SAUERSTOFF- ODER STICKSTOFFENTHALTENDE VERBINDUNG; HALIDE QUELLEN; ÜBERGANGSMETALLVERBINDUNG UND REDUKTIONSMITTEL.

Title (fr)  
PROCEDE DE POLYMERISATION D'OLEFINES UTILISANT UN CATALYSEUR PREPARE A PARTIR D'UN COMPOSE D'ORGANO-MAGNESIUM; COMPOSE CONTENANT DE L'OXYGENE OU DE L'AZOTE; SOURCE D'HALOGENURE; COMPOSE DE METAL DE TRANSITION ET AGENT REDUCTEUR.

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Application  
**EP 83902337 A 19830606**

Priority  
US 8300875 W 19830606

Abstract (en)  
[origin: WO8404925A1] A process for polymerizing olefins employing as a catalyst therefor, the reaction product of (A) the reaction product of (1) the reaction product of (a) an alkyl magnesium compound such as dibutylmagnesium, with (b) an oxygen-containing and/or nitrogen-containing compound such as n-propyl alcohol, or isopropylamine, with (2) a halide source such as titanium tetrachloride or silicon tetrachloride; and (B) a transition metal compound such as titanium tetrachloride and (C) a reducing agent such as triisobutylaluminum. The polymers which are produced in the presence of this catalyst and a cocatalyst such as triethylaluminum have a low catalyst support to transition metal ratio and therefore, the catalyst efficiency based on quantity of polymer per quantity of total catalyst is very high resulting in a polymer having good color and very little, if any, corrosion.

IPC 1-7  
**C08F 4/02**

IPC 8 full level  
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CPC (source: EP)  
**C08F 10/00** (2013.01)

Citation (search report)

- No relevant documents have been disclosed
- See references of WO 8404925A1

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