

Title (en)  
A METHOD FOR PRODUCING ETHYLENE HOMO- AND COPOLYMER

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ETHYLENHOMOPOLYMER UND -COPOLYMER

Title (fr)  
PROCEDE DE PRODUCTION D'HOMO- ET DE COPOLYMERES ETHYLENIQUES

Publication  
**EP 1360212 A4 20040915 (EN)**

Application  
**EP 01272946 A 20011222**

Priority

- KR 0102241 W 20011222
- KR 20000085530 A 20001229
- KR 20010076519 A 20011205

Abstract (en)  
[origin: WO02053607A1] The present invention provides a method for producing ethylene homo-and copolymers, particularly comprising the steps of using a catalyst produced by the following method comprising reacting the phosphorus compound, silane compound and mixture solution dissolved in alcohols, then reacting the obtained solution with titanium compound again, and preactivating the obtained catalyst by reacting with organic magnesium compounds as main catalyst, and producing ethylene homo- and copolymers by adding a saturated hydrocarbon compounds containing halogen during polymerization. The present invention provides a method for producing ethylene homo- and copolymers with high yield, and having a bimodal molecular structure resulted from a high molecular tail, while maintaining their narrow molecular distribution.

IPC 1-7  
**C08F 10/02**; **C08F 4/651**; **C08F 4/658**

IPC 8 full level  
**C08F 10/00** (2006.01); **C08F 110/02** (2006.01)

CPC (source: EP)  
**C08F 10/00** (2013.01); **C08F 110/02** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 02053607A1

Designated contracting state (EPC)  
BE DE FR GB IT

DOCDB simple family (publication)  
**WO 02053607 A1 20020711**; EP 1360212 A1 20031112; EP 1360212 A4 20040915

DOCDB simple family (application)  
**KR 0102241 W 20011222**; EP 01272946 A 20011222