

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

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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.

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