

Title (en)
METHOD FOR POLYMERISING ETHYLENE

Title (de)
ETHYLENPOLYMERISATIONSVERFAHREN

Title (fr)
PROCEDE POUR LA POLYMERISATION DE L'ETHYLENE

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Application
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Abstract (en)
[origin: WO02068483A1] The invention concerns a method for producing ethylene homopolymers or copolymers comprising at least 90 mol % of units derived from ethylene which consists in: contacting in polymerising conditions, the monomers with a catalytic system including: (a) a catalytic solid comprising a metallocene of a transition metal of groups 4 to 6 of the periodic table containing at least a cyclopentadiene ligand capable of being substituted, and a support, (b) at least an organoaluminium compound selected among compounds of general formula (1): $AlTx(Y')_yX'z$ wherein: T is a hydrocarbon group containing 1 to 30 carbon atoms; Y' is a group selected among -OR', -SR' and NR'R'' with R' and R'' independently representing a hydrocarbon group containing 1 to 30 carbon atoms; X' is a halogen atom; x verifies the relationship $0 < x \leq 3$; y verifies the relationship $0 \leq y < 3$; z verifies the relationship $0 \leq z < 3$, and $x + y + z = 3$, and (c) at least an ionic antistatic agent.

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