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ABSTRACT

Olefin polymers with a broad molecular weight distribution can be obtained while maintaining the high
5 stereoregularity of the polymers by polymerizing olefins using
a catalyst comprising (A) a solid catalyst component prepared
by contacting (a) a dialkoxymagnesium, (b) a tetravalent
titanium halide compound, and (c) an electron donor compound
one another, (B) an organoaluminum compound of the formula
10 $R^1_pAlQ_{3-p}$, and (C) an aminosilane compound of the formula
 $R^2R^3Si(OR^4)_2$.