

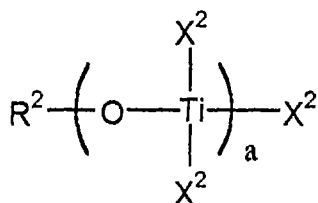
Abstract

SOLID CATALYST COMPONENT FOR OLEFIN POLYMERIZATION, PROCESS FOR PRODUCING THE SAME, PROCESS FOR PRODUCING CATALYST FOR OLEFIN POLYMERIZATION, AND PROCESS FOR PRODUCING OLEFIN POLYMER

There is provided a process for producing a catalyst for olefin polymerization, which comprises the step of contacting (1) an organoaluminum compound, (2) an external electron donor compound and (3) a solid catalyst component obtained by a process comprising the steps of:

(i) reducing a titanium compound represented by the following formula [I] with an organomagnesium compound in the presence of a fine particle and an organosilicon compound having an Si-O bond to obtain a solid product, and

(ii) contacting the solid product, a halogenocompound having halogenation ability and an internal electron donor compound to obtaining the solid catalyst component.



[I]



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