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(54) Title: HIGHLY STRUCTURED, HIGH VINYLIDENE PROPYLENE OLIGOMER AND METHOD OF MAKING

(57) Abstract: A method for making a propylene oligomer having a high vinylidene content and a high degree of structural regularity and the propylene oligomer made therefrom. The method of making the propylene oligomer comprises contacting an unbridged metallocene complex with a propylene composition in the presence of a modified methyl aluminum oxide activator compound under suitable oligomerization conditions. The use of the combination of a modified methyl aluminum oxide activator compound with an unbridged metallocene complex has been found to provide increased vinylidene group content and reduced hydrogenated propylene oligomer content.



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