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(54) Title: PROCATALYST COMPOSITION WITH ALKOXYALKYL 2-PROPENOATE INTERNAL ELECTRON DONOR AND POLYMER FROM SAME

(57) Abstract: Disclosed herein are catalyst compositions and polymers, i.e., propylene-based polymers, produced therefrom. The present catalyst compositions contain an internal electron donor of an alkoxyalkyl 2-propenoate and optionally a mixed external electron donor. The present catalyst compositions improve catalyst selectivity and polymer stiffness. Polypropylene homopolymer produced from the present catalyst composition has a xylene solubles content less than 4 wt % and a T_{MF} greater than 172.0 °C.



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