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(54) Title: HIGH MELT FLOW PROPYLENE IMPACT COPOLYMER AND METHOD

(57) Abstract: The present disclosure provides a polymerization process for the production of a high melt flow propylene impact copolymer. The process includes contacting an active propylene-based polymer having a melt flow rate greater than about 100 g/10 min with one or more olefins in a polymerization reactor to form the propylene impact copolymer with a melt flow rate greater than about 60 g/10 min. The production of the high melt flow propylene impact copolymer may occur in one or more polymerization reactors, utilizing standard hydrogen concentration, and no visbreaking.



WO 2010/082943 A1