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(54) Title: ACTIVATOR-SUPPORTS IMPREGNATED WITH GROUP VIII TRANSITION METALS FOR POLYMER PROPERTY CONTROL

(57) Abstract: Methods for controlling properties of an olefin polymer using a Group VIII transition metal-modified activator-support are disclosed. The melt index of the polymer can be decreased and the molecular weight of the polymer can be increased via the addition of the transition metal-modified activator-support to the polymerization reactor system.

