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(54) Title: HYDROCARBYL-MODIFIED METHYLALUMINOXANE COCATALYSTS FOR BIS-PHENYLPHENOXY METAL-LIGAND COMPLEXES

(57) Abstract: Processes of polymerizing olefin monomers. The process comprising reacting ethylene and optionally one or more olefin monomers in the presence of a catalyst system, wherein the catalyst system comprises: hydrocarbyl-modified methylaluminoxane having less than 25 mole percent trihydrocarbyl aluminum compounds $\text{AlR}^{\text{Al}}\text{R}^{\text{B1}}\text{R}^{\text{Cl}}$ based on the total moles of aluminum, where R^{Al} , R^{B1} , and R^{Cl} are independently linear ($\text{C}_1\text{-C}_{40}$)alkyl, branched ($\text{C}_1\text{-C}_{40}$)alkyl, or ($\text{C}_6\text{-C}_{40}$)aryl; and one or more metal-ligand complexes according to formula (I):