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(54) Title: POLYMERIZATION OF C<sub>6</sub>-C<sub>14</sub>  $\alpha$ -OLEFIN MONOMERS AND POLYMERS THEREOF

(57) Abstract: The present disclosure provides a process. In an embodiment, the process includes contacting, under polymerization conditions, one or more C<sub>6</sub>-C<sub>14</sub>  $\alpha$ -olefin monomers with a bis-biphenylphenoxy catalyst. The process includes forming a polymer composed of one or more C<sub>6</sub>-C<sub>14</sub>  $\alpha$ -olefin monomers, and having an absolute weight average molecular weight (Mw<sub>(abs)</sub>) greater than 1,300,000 g/mol and a Mw<sub>(abs)</sub>/Mn<sub>(abs)</sub> from 1.3 to 3.0.

