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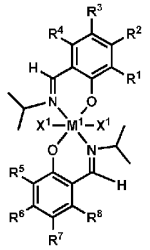
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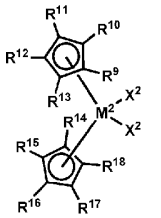
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(54) Title: BIMODAL CATALYST SYSTEM AND POLYMERIZATION PROCESS



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(57) Abstract: The present disclosure provides a catalyst system. In an embodiment, the catalyst composition includes (A) a phenoxy imine precatalyst having a structure of Formula 1: (I) wherein M^1 is a metal selected from Ti, Zr, or Hf; each X^1 is independently a halogen atom; R^1 and R^5 each is independently selected from substituted/unsubstituted (C_1-C_{20})hydrocarbyl, substituted/unsubstituted (C_1-C_{20})heterohydrocarbyl; R^3 and R^7 each is independently selected from substituted/unsubstituted (C_1-C_{20})hydrocarbyl, substituted/unsubstituted (C_1-C_{20})heterohydrocarbyl, and a substituted (C_1-C_{20})heterohydrocarbyl; and R^2, R^4, R^6, and R^8 each is hydrogen. The catalyst composition also includes (B) a metallocene precatalyst having a structure of Formula 2: (II) wherein M2 is a metal selected from Ti, Zr, or Hf;