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(54) Title: METALLOCENE CATALYST COMPOUNDS FOR PRODUCING POLYOLEFINS

(57) Abstract: In some embodiments, a compound is represented by Formula (I) wherein; M is a metal of groups 3-5; T is a bridging group; each of X¹ and X² is independently a univalent anionic ligand, or X¹ and X² are joined to form a metallocycle ring; R¹, R², R³, and R⁴ are each independently a hydrogen atom or a substituted or unsubstituted C₁ to C₆ hydrocarbyl group and, optionally, any adjacent R¹, R², R³ and R⁴ can be joined to form a cyclic structure; R⁵ is a substituted or unsubstituted C₁ to C₂₀ hydrocarbyl group; R⁶ and R⁸ are each independently a hydrogen atom or a substituted or unsubstituted C₁ to C₂₀ hydrocarbyl group; R⁷ is a substituted aryl group, unsubstituted naphthyl, unsubstituted anthracenyl, or substituted or unsubstituted heteroaryl group; and R⁹ and R¹⁰ are each independently a substituted or unsubstituted C₁ to C₂₀ hydrocarbyl group.