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ACTION

(54) Title: SINGLE COMPONENT CATIONIC PALLADIUM PROINITIATORS FOR THE LATENT POLYMERIZATION OF
CYCLOOLEFINS

(57) Abstract: Palladium compound compositions are provided in accordance with Formulae $[(R)_3E]_aPd(Q)(LB)_b[p][WCA]_r$, where $(R)_3E$ is a Group 15 electron donor ligand, Q is an anionic ligand, LB is a Lewis base, WCA is a weakly coordinating anion, a is 1, 2 or 3, b is 0, 1 or 2, the sum of a and b is 1, 2 or 3 and each of p and r is an integer such that the molecular charge is zero, or $[(E(R)_3)(E(R)_2^*)Pd(LB)]_p[WCA]_r$, where $E(R)_2R^*$ represents a Group 15 neutral electron donor ligand and where R^* is an anionic hydrocarbyl containing moiety, bonded to the Pd and having a δ hydrogen with respect to the Pd center. Such compound composition exhibits latent polymerization activity in the presence of polycyclic olefins.