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(71) Applicant (for all designated States except US): **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; 2040 Dow Center, Midland, MI 48674 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COALTER, Joseph, N., III** [US/US]; 73 N. Calla Lily Ct., Lake Jackson, TX 77566 (US). **LEUNG, Tak, W.** [US/US]; 3823 Canary Grass Lane, Houston, TX 77059 (US). **TAO, Tao** [CN/US]; 1721 Potomac Drive C, Houston, TX 77057 (US). **GAO, Kuanqiang** [CN/US]; 3205 Princess Bat Court, Pearland, TX 77584 (US).

(74) Agent: **HOPPE, James**; P.O. Box 1967, Midland, Michigan 48641-1967 (US).

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(54) Title: TWO ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE

(57) Abstract: A solid, hydrocarbon-insoluble, catalyst component useful in polymerizing olefins, said catalyst component containing magnesium, titanium, and halogen, and further containing an internal electron donor having a structure: [R₁-O-C(O)-O-]_xR₂ wherein R₁ is independently at each occurrence, an aliphatic or aromatic hydrocarbon, or substituted hydrocarbon group containing from 1 to 20 carbon atoms; x is 2-4; and R₂ is an aliphatic or aromatic hydrocarbon, or substituted hydrocarbon group containing from 1 to 20 carbon atoms, provided that there are 2 atoms in the shortest chain connecting a first R₁ O C(O)-O- group and a second R₁-O-C(O)-O- group.



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