+SD,5 +S,5 (R+HD 1+L)+HD n+L ,+RE +RE+PS +RE+PS Q, or X, where L can be bridged to Q, B is an optional base, +37 n+38 +0 is 0 to 5, and M is titanium, zirconium, or hafnium.+REium.+RE or hafnium.+REm.+REEium.+REm.+REum.+REu m.+REm.+REum.+REum.+REum.+RE or hafnium.+REum.+RE.+RERE+S,5 (R+HD 1+L)+HD n+L ,+RE +0 +RB +BL,5 +RD,D00335588B +BL,B +SD,5 +SB,5 +M,1 B+MR,1 +AB,8 R+A,2 +BL,33 +SD,5 +SB,5 +63 +A,5 +BL,A +BN,44 +SD,5 +S,5 (R+HD 1+L)+HD n+L ,+RE +RE+PS +RE+PS Q,or X, where L can be bridged to Q, B is an optional base, +37 n+38 +0 is 0 to 5, and M is titanium, zirconium, or hafnium.+REum.+RE+RE+RE.+RE+RE.+RE+R E.+REium.+REium.+REBN,44 +SD,5 +S,5 (R+HD 1+L)+HD n+L ,+RE +RE+PS +RE+PS Q, or X, where L can be bridged to Q, B is an optional base, +37 n+38 +0 is 0 to 5, and M is titanium, zirconium, or hafnium.+RE+RE.+RE+RE.+RE+RE.+RE+RE.+ RE+RE.+RE+RE.+RE+RE.+RE+RE.+RE+RE.+ RE+RE.+RE+RE.+RE+RE.+RERE+RE+RE+RE +RE.+RE+REium.+REium.+REbase, +37 n+38 +0 is 0 to 5, and M is titanium, zirconium, or hafnium.+REium.+REium.+REtional base, +37 n+38 +0 is 0 to 5, and M is titanium, zirconium, or hafnium.+RE

5554777

CATALYST FOR THE PREPARATION OF LINEAR CARBON MONOXIDE/ALPHA-OLEFIN COPOLYMERS

Hefner John G; Kolthammer Brian W S Lake Jackson, TX, UNITED STATES assigned to The Dow Chemical Compamy

Novel catalyst compositions comprising a cationic transition metal complex containing palladium, a mono-, di-, or tridendate ligand, and an anion are disclosed. The novel catalyst compositions can be used in a process for polymerizing carbon monoxide and at least one ethylenically unsaturated hydrocarbon to produce linear alternating polymers. Processes for preparing the novel catalyst compositions are also disclosed.

5559161

HYDROXY-FUNCTIONAL TRIAMINE CATALYST COMPOSITIONS FOR THE PRODUCTION OF POLYURETHANES

Klotz Herbert; Lassila Kevin; Listemann Mark L; Minnich Kristen E; Savoca Ann C Allentown, PA, UNITED STATES assigned to Air Products and Chemicals Inc

A method for preparing a polyurethane foam which comprises reacting an organic polyisocyanate and a polyol in the presence of a blowing agent, a cell stabilizer and a catalyst composition consisting essentially of a compound of structure I (*See Patent for Chemical Structure*) I wherein R is hydrogen, a C1-C4 alkyl, C6-C8 aryl, or C7-C9

ENVIRONMENTAL CATALYSIS

5552128

SELECTIVE CATALYTIC REDUCTION OF NITROGEN OXIDES

Chang Clarence; Santiesteban Jose G; Shihabi David; Stevenson Scott; Vartuli James C Princeton, NJ, UNITED STATES assigned to Mobil Oil Corporation

There is provided a catalytic method for converting nitrogen oxides to nitrogen (i.e., N2). The catalyst for this method comprises an acidic solid component comprising a Group IVB metal oxide modified with an oxyanion of a Group VIB metal