

ABSTRACT

DIIMINE METAL COMPLEXES, METHODS OF SYNTHESIS, AND METHODS OF USING IN OLIGOMERIZATION AND POLYMERIZATION

Methods for making α -diimine metal complexes are described. The methods comprise forming an α -diimine metal complex imine bond in the presence of a metal salt or an α -acylimine metal complex. The method is particularly using for the production of α -diimine metal complexes having two different α -diimine nitrogen groups. The α -diimine metal complexes are useful for polymerizing or oligomerizing olefins.

Figure 1