

Abstract

AMINO-IMINE METAL COMPLEX AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

The present invention relates to an amino-imine metal complex represented by Formula I and a preparation method and an application thereof. The complex is used as a main catalyst in catalysts for olefin polymerization, and can catalyze the polymerization of ethylene at a relatively high temperature to prepare branched polyethylene having high molecular weight.

