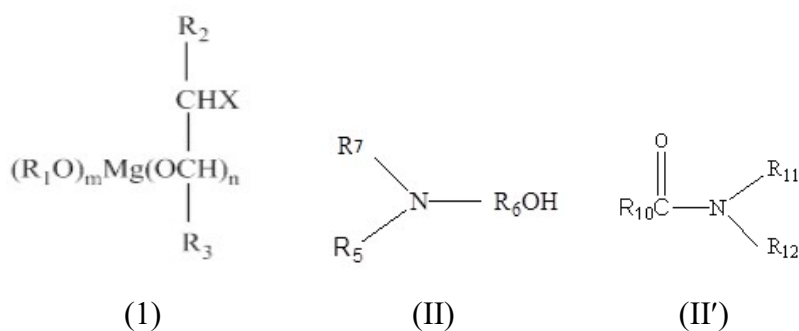


Abstract

SOLID COMPONENT FOR PREPARING OLEFIN POLYMERIZATION CATALYST, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

Disclosed in the present invention is a solid component for preparing an olefin polymerization catalyst, and a preparation method therefor and an application thereof. The solid component comprises: (i) a magnesium compound as represented by the following formula (1), (ii) a Lewis base (LB), and (iii) optionally, metal components other than magnesium, wherein the LB is a compound as shown in general formula (II) or an amide compound as shown in general formula (II'). The solid component prepared in the present invention has a better particle morphology, and a catalyst prepared by using the solid component as a carrier is less likely to be crushed, and has better stereostructural orientation in olefin polymerization, particularly propylene polymerization or copolymerization.



[Figure 6A]