CATALYST COMPONENT FOR OLEFIN POLYMERIZATION AND CATALYST CONTAINING THE SAME

Cross-reference to Related Applications

The present application claims the priority of the following Chinese patent applications filed on April 24, 2014, the entirety of which is incorporated herein by reference.

1. Chinese patent application CN 201410169176.X entitled "Method for preparing catalyst component for olefin polymerization, and catalyst containing the catalyst component";

2. Chinese patent application CN 201410168633.3 entitled "Catalyst component for olefin polymerization, and catalyst containing the same";

3. Chinese patent application CN 201410168507.8 entitled "Catalyst component for propene polymerization, and catalyst containing the same";

4. Chinese patent application CN 201410169910.2 entitled "Method for preparing catalyst component for olefin polymerization, and catalyst containing the catalyst component";

5. Chinese patent application CN 201410169052.1 entitled "Catalyst component for propene polymerization, and catalyst containing the same"; and

6. Chinese patent application CN 201410168586.2 entitled "Catalyst component for propene polymerization, and catalyst containing the same".

Technical Field

The present invention relates to a catalyst component for olefin polymerization and a catalyst containing the catalyst component, belonging to the technical field of petrochemical enginnering.

Technical Background

Generally, catalysts used for olefin polymerization can be classified into three categories: traditional Ziegler-Natta catalysts, metallocene catalysts, and non-metallocene catalysts. For traditional propene polymerization Ziegler-Natta catalysts, with the development of electron donor compounds in catalysts, olefin polymerization catalysts are also constantly undated. The development of catatlysts has experienced the 1st generation of $TiCl_3AlCl_3/AlEt_2Cl$ system, the 2nd