

ABSTRACT

CATALYST SYSTEM AND METHOD FOR REACTION OF OLEFIN

The present invention provides a novel catalyst system which can be preferably used in the trimerization, oligomerization reaction or polymerization reaction of an olefin, and a method for the trimerization, oligomerization or polymerization reaction of an olefin, which comprises using the catalyst system.

A catalyst system obtained by contacting the following components (A) to (C):

(A) a chromium compound,

(B) an imine compound, and

(C) a metal alkyl compound, and a method for the trimerization, oligomerization or polymerization reaction of an olefin, which comprises using the catalyst system are disclosed.

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