

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process for producing an α -olefin oligomer by subjecting α -olefin to oligomerization in a reaction zone in the presence of a reaction solution containing a chromium-based catalyst, which comprises,

continuously conducting said oligomerization of α -olefin by using said chromium-based catalyst comprising at least a chromium compound (a), a nitrogen-containing compound (b) selected from the group consisting of amines, amides and imides, and an alkyl aluminum compound (c) while maintaining a molar ratio of the α -olefin oligomer to α -olefin in the range of 0.05 to 1.00.

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