

THIS SHEET HAS BEEN
REPLACED

ABSTRACT OF THE DISCLOSURE:

The disclosure described a process for producing an α -olefin oligomer, which comprises carrying out oligomerization of an α -olefin in a solvent in the presence of a catalytically effective amount of a chromium-based catalyst system composed of a combination of at least (a) a chromium compound, (b) a nitrogen-containing compound of at least one selected from the group consisting of an amine, an amide and an imide, (c) an alkylaluminum compound and (d) a halogen-containing compound,

wherein each of the α -olefin, the chromium compound (a), the nitrogen-containing compound (b) of at least one selected from the group consisting of an amine, an amide and an imide, the alkylaluminum compound (c) and the halogen-containing compound (d) is supplied to a reaction system in a mode that the chromium compound (a) and the alkylaluminum compound (c) do not contact each other before each of said compounds (a) to (d) and the α -olefin coexists in the reaction solvent and the oligomerization of an α -olefin takes place.

This Sheet Has Been Replaced

