

PROCESS FOR THE PREPARATION OF α -OLEFIN OLIGOMERS
ABSTRACT OF THE DISCLOSURE

An oligomerization of α -olefins is carried out in a solvent using a chromium-based catalyst system comprising at least (a) a chromium compound, (b) at least one nitrogen-containing compound selected from amines, amides and imides, and (c) an alkylaluminum compound, and the catalyst components and by-product polymers are recovered simultaneously from the reaction solution. Such process is an industrially advantageous process for producing α -olefin oligomers by using a chromium-based catalyst, and is simple and capable of efficiently recovering the by-product polymers and the catalyst components simultaneously.