

ABSTRACT

Provided is a production process for α -olefin which does not comply the Shultz-Flory distribution and which is excellent in the yields of α -olefins of 1-hexene up to 1-tetradecene each having 6 to 14 carbon atoms, particularly a yield of 1-octene. The
5 above production process is characterized by polymerizing ethylene using (A) a specific chromium compound, (B) a specific aminophosphine ligand compound and (C) a promoter.