

PROCESS FOR PRODUCING OLEFIN POLYMER

Abstract: [Problem] To provide a process for producing an olefin polymer, which makes it possible to use, as a solvent for use in the catalyst preparation and the like, an aliphatic hydrocarbon solvent instead of an aromatic hydrocarbon solvent causing large environmental
5 burden, and which has good olefin polymerization activity. [Solution]
A process for producing an olefin polymer, characterized by having a step comprising feeding an olefin polymerization catalyst solution, which is obtained by mixing (A) a metallocene compound, (B) a compound
10 that reacts with the metallocene compound (A) to form an ion pair and (C) at least one compound selected from (C-1) an organoaluminum compound and (C-2) an organoaluminum oxy compound with (D) a saturated hydrocarbon solvent, to a polymerization reactor and solution-polymerizing an olefin in the polymerization reactor.