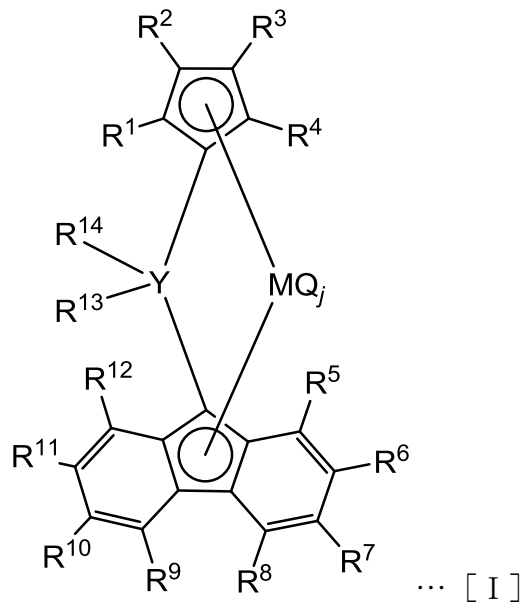


PROCESS FOR PRODUCING ETHYLENE/ α -OLEFIN COPOLYMER

ABSTRACT

A process capable of producing an ethylene/ α -olefin copolymer having a high molecular weight even under the conditions of a high polymerization temperature is provided. The process for producing an ethylene/ α -olefin copolymer includes copolymerizing ethylene and an α -olefin having 3 or more carbon atoms in the presence of an olefin polymerization catalyst including a crosslinked metallocene compound (A) represented by the following general formula [I] and a cocatalyst component (B). In the general formula [I], Y is selected from a carbon atom, etc., M is a hafnium atom or the like, R^1 to R^{12} are each selected from a hydrogen atom, a hydrocarbon group, etc., R^{13} and R^{14} are each a substituted aryl group or the like, at least one of R^{13} and R^{14} is a substituted aryl group having one or more electron-donating substituents having a Hammett substituent constant σ of not more than -0.2, Q is selected from a halogen atom, etc., and j is an integer of 1 to 4.



[No suitable figure]