

ABSTRACT OF THE DISCLOSURE

METHOD FOR PRODUCING POLYMER

A method for producing a polymer has: a polymerization step of polymerizing at least a conjugated diene monomer in a hydrocarbon solvent using an organolithium compound as a polymerization initiator, and obtaining a polymer; and, following steps (1) to (4), successively performing after the polymerization step: (1) a step of mixing an acid and water of 20 to 300 parts by mass into the solution containing the polymer of 100 parts by mass, (2) a step of adjusting an amount of the water to 10 parts by mass or less based on 100 parts by mass of the solution containing the polymer, (3) a step of adding a carbon oxide gas and/or a compound to be decarboxylated to the solution containing the polymer, and (4) a step of removing a solvent from the solution containing the polymer until a concentration of the polymer reaches 95 mass% or more.