METHOD FOR PRODUCING MODIFIED CONJUGATED DIENE-BASED POLYMER, AND METHOD FOR PRODUCING VULCANIZED POLYMER

BACKGROUND OF THE INVENTION

Field of the Invention

[0001]

The present invention relates to a method for producing a modified conjugated diene-based polymer, and a method for producing a vulcanized polymer.

Description of the Related Art

[0002]

With the increased interest in environmental problems, requirements for fuel saving of automobiles have recently increased, and it has been requested for a rubber composition to be used in an automobile tire to be superior in fuel economy. A rubber composition containing a conjugated diene-based polymer such as polybutadiene or styrene-butadiene copolymer, and a reinforcing agent is used as a rubber composition for an automobile tire, and a conjugated diene-based polymer to be used as a rubber component has been studied so as to improve performances as a rubber composition for a tire.

[0003]

For example, JP-A-1-217047 proposes a conjugated diene-based polymer in which a butadiene-styrene copolymer is