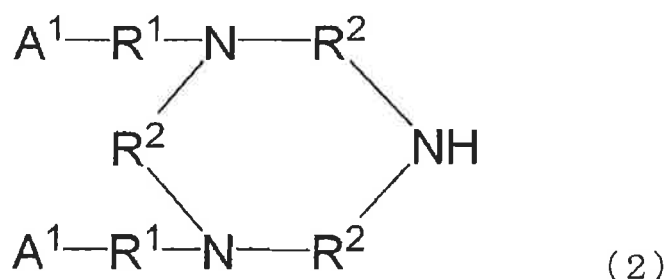
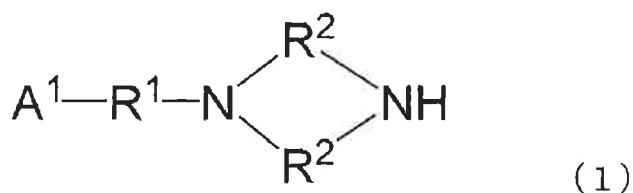


METHOD FOR PRODUCING DENATURED CONJUGATED DIENE POLYMER

Abstract

A method for producing a conjugated diene polymer usable as a raw material of a crosslinked polymer which is used for use in tires of automobiles and can enhance low fuel consumption performance of automobiles is provided.

A method for producing a modified conjugated diene polymer comprising a polymerization step in which monomer including a conjugated diene compound or monomer including a conjugated diene compound and an aromatic vinyl compound are polymerized in the presence of at least one compound selected from the group consisting of the following formulae (1) and (2) and an alkali metal compound or an alkaline earth metal compound to obtain a modified conjugated diene polymer.



(In the formulae, A^1 is a functional group which has a three-substituted hydrocarbylsilyl group; has at least one atom selected from the group consisting of N, P and S; has no active hydrogen and is bound to R^1 by any one atom of the above N, P and S. R^1 and R^2 are hydrocarbylene groups. In the formulae, R^1 , R^2 and A^1 which are each present in plurality may each be same or different.)