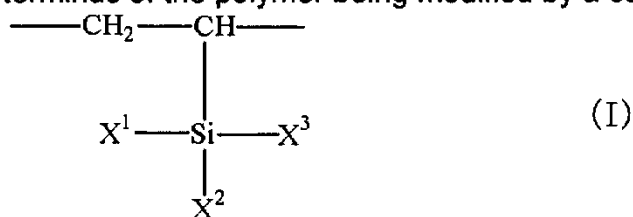


CONJUGATED DIENE POLYMER, CONJUGATED DIENE POLYMER COMPOSITION, AND METHOD FOR PRODUCING CONJUGATED DIENE POLYMER

ABSTRACT

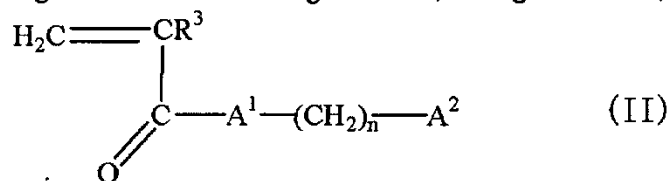
A conjugated diene polymer is provided that comprises a conjugated diene-based constituent unit and a constituent unit of formula (I) below, at least one terminus of the polymer being modified by a compound of formula (II):



X^1 , X^2 , and X^3 independently denote a group of formula (Ia) below, a hydroxy group, a hydrocarbyl group, or a substituted hydrocarbyl group, and at least one of X^1 , X^2 , and X^3 is a group of formula (Ia) below or a hydroxy group.



wherein R^1 and R^2 independently denote a hydrocarbyl group having 1 to 6 carbon atoms, a substituted hydrocarbyl group having 1 to 6 carbon atoms, a silyl group, or a substituted silyl group, and R^1 and R^2 may be bonded so as to form, together with the nitrogen atom, a ring structure,



wherein n denotes an integer of 1 to 10, R^3 denotes a hydrogen atom, a hydrocarbyl group having 1 to 6 carbon atoms, or a substituted hydrocarbyl group having 1 to 6 carbon atoms, A^1 denotes an oxygen atom or an $\text{---NR}^4\text{---}$ group, wherein R^4 denotes a hydrogen atom or a hydrocarbyl group having 1 to 10 carbon atoms, and A^2 denotes a nitrogen atom- and/or oxygen atom-containing functional group.