

ABSTRACT

PROCESS FOR PRODUCING CONJUGATED DIENE-BASED POLYMER, CONJUGATED DIENE-BASED POLYMER, AND CONJUGATED 5 DIENE-BASED POLYMER COMPOSITION

The present invention provides a process for producing a conjugated diene-based polymer comprising adding the following compounds (I) and (II):

(I) Organic alkali metal compound;

10 (II) Compound represented by the following formula (I)



wherein R¹¹ represents a hydrocarbylene group having 3 to 20 carbon atoms optionally having, as a hetero atom, at least one kind atom selected from an atomic group consisting of a silicon atom, a nitrogen atom and an oxygen atom,

15 as a polymerization initiator component to a solution containing at least one kind monomer component and using a hydrocarbon as a solvent, in an order of the compound (I) and the compound (II), and polymerizing a monomer component comprising a conjugated diene-compound and a silicon-containing vinyl compound.