

METHOD FOR PRODUCING MODIFIED CONJUGATED DIENE POLYMER,
POLYMER COMPOSITION, CROSSLINKED POLYMER AND TIRE

Abstract

A modified conjugated diene polymer obtained by modifying a conjugated diene polymer that is obtained by polymerizing a conjugated diene compound or polymerizing a conjugated diene compound and an aromatic vinyl compound is produced by a production method comprising a first modification step wherein an unsaturated binding site at least either in the skeleton or at the side chain of the conjugated diene polymer is reacted with a first compound having a group 4 or 13 element of the periodic table.

[No Figure]