

ABSTRACT

A state monitoring device for a plate spring mounted on a railcar bogie is configured to monitor a state of the plate spring, the plate spring including fiber-reinforced resin containing electrically conductive reinforced fibers containing reinforced fibers extending in a longitudinal direction of the plate spring. The state monitoring device includes: an electrode pair provided at both width direction side end surfaces of the plate spring and sandwiching the plate spring, a width direction of the plate spring being perpendicular to the longitudinal direction of the plate spring and a thickness direction of the plate spring; and a measuring unit electrically connected to the electrode pair and configured to measure an electrical characteristic of the plate spring.