

**ABSTRACT**

Provided is a bearing monitoring device of a railcar, the railcar being constituted by coupling a plurality of cars including carbodies and bogies, the bearing monitoring device including: bearing temperature sensors provided at the respective bogies and configured to directly or indirectly detect temperatures of bearings of the bogies; at least one state sensor provided at at least one of the carbodies of the plurality of cars and configured to be used for calculating loads or rotating speeds of the bearings; and a storage unit provided at at least one of the carbodies of the plurality of cars and configured to store data pieces of signals detected by the bearing temperature sensors and the state sensor.