

ELEVATOR ROPE TENSION MEASUREMENT SYSTEM

[Abstract]

There is provided an elevator rope tension measurement system that can reduce measurement error when the tension of the rope of an elevator is quantitatively measured. An elevator rope tension measurement system includes a vibration waveform collection unit configured to collect a vibration waveform of a rope of an elevator; and a frequency calculation unit configured to select, based on a measurement resolution calculated from a collection time period and a collection cycle for collecting the vibration waveform by the vibration waveform collection unit, a method for calculating a frequency of the vibration waveform collected by the vibration waveform collection unit.

Fig. 2