

ABSTRACT (FIG. 1)

"ELEVATOR ROPE INSPECTION SYSTEM"

According to one embodiment, a rope inspection system inspects a rope of an elevator where a car (20) and a counter weight (21) are held with a traction sheave (22) of a traction machine (23), and a wear condition of a plurality of ropes (24) having a resin coated surface are inspected by measuring gaps between a plurality of marks (45) on the surface of each rope (24). The rope inspection system includes a controller (40) configured to perform a preliminary drive to average the tensile between the ropes (24) and to subsequently perform a measurement drive to measure gaps between the marks (45).