

ABSTRACT

SPEED CONTROL APPARATUS FOR COMPENSATING VIBRATION OF ELEVATOR

A speed control apparatus for operating a cage of an elevator at a speed suitable for a required operation condition is capable of reducing a mechanical vibration generated from the cage by obtaining a torque of the winding machine from a speed-controlled current command and an acceleration of the winding machine from the torque and the present acceleration of the winding machine to compensate for and output the value of the current command when a high speed elevator having a low mechanical resonant frequency is operated.

(Figure 3)