

Abstract

Speed Control System For Elevators

In an elevator provided with an inverter-driven induction motor, output torque is determined by direct current of an inverter, slip frequency is determined from the thusly determined torque, and the gap between an open-loop dictated speed pattern and the actual speed is compensated by the slip calculated during acceleration and constant speed movement, so that the open-loop control may be improved in terms of stop position precision.

[Fig. 1]