

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to obtain a control device for a rotating machine of an elevator capable of suppressing an increase in the moving time of the elevator while securing control performance and stability in accordance with a moving direction and a load of a car of the elevator. A control device for performing speed control of the rotating machine of the elevator without using a speed sensor includes speed command signal generating means (40) for generating a rotational speed command for the rotating machine; and speed sensor-less control means (30) for controlling a voltage applied to the rotating machine without using a speed sensor, based on the rotational speed command from the speed command signal generating means (40), and in the control device, the speed command signal generating means (40) changes an acceleration running curve in a deceleration interval in accordance with the moving direction and the load of a car of the elevator to generate the rotational speed command.