

ABSTRACT

POSITION CONTROL METHOD FOR ELEVATOR

An improved position control method for an elevator by which the system does not receive any overload even when the speed pattern of the cage is changed while the cage is operated in accordance with the position error occurred. The method includes the steps of a first step for computing a running distance to a service floor when a passenger registers a call, generating a speed pattern in accordance with the distance computed, and operating a cage in accordance with the speed pattern, a second step for re-computing the running distance of the cage based on a position difference error when the position difference error occurs during the operation of the cage, and a third step for re-computing the speed pattern in accordance with the running distance computed in the second step.

(Figure 5)

1 - 841136

9/1/84