

ELEVATOR GROUP CONTROL METHOD AND DEVICE THEREOF

ABSTRACT

Provided are a group control method and a group control device capable of efficiently controlling the operation of elevators in diversified traffic situations and under a variety of specification conditions required for a group management system. A plurality of elevators are placed in service for a plurality of floors, an evaluation index for a newly made hall call is calculated, and the best suited car is selected and assigned to the hall call based on the evaluation index in the group control method of elevators. A waiting time expectation value of all passengers on all floors for each direction, either that have already occurred or that are expected to occur within a predetermined time period, is taken as the evaluation index, the waiting time expectation value being the expectation value for the sum or the average of waiting time.

Figure 1.