

ABSTRACT

The purpose of the present invention is to ensure, at times of congestion when users are arriving successively at an elevator landing, that elevator cars standing by at the elevator landing on that floor are controlled effectively, thereby enabling the users to efficiently board the cars without wasting time and improving the overall transport capacity of group-control elevators. To achieve the foregoing, this elevator group control system controls the operation of a plurality of cars, in which the system includes means for detecting the number of users present at an elevator landing on a predetermined floor, means for detecting the number of riders in cars that are stopped with opened doors on the predetermined floor, means for calculating, on the basis of the number of users at the landing and the number of riders in the cars, the number of cars to be stopped with closed doors on the predetermined floor, and means for opening the doors of any cars that are stopped with closed doors on the predetermined floor.