halls of a floor to different elevators and causing the different elevators to respond to the hall calls has been common.

However, according to the method of assigning hall calls from the front and back halls to different elevators, two elevators respond to the same floor, which decreases operating efficiency. In particular, causing two elevators to respond to a low-demand floor with a small number of passengers is undesirable in terms of power consumption.

The purpose of the present invention is to provide an elevator group controller capable of performing efficient operation of dual-access elevators by preventing passengers being excluded when hall calls are registered in the front and back halls of one floor.

SUMMARY

According to one aspect, there is provided an elevator group controller comprising a plurality of elevators, each comprising a car comprising a front door and a back door, and configured to control the elevators, characterized by comprising: a management table configured to manage hall calls separately registered in a front hall and a back hall of each floor; a demand determination unit configured to determine a demand of each floor; and an assignment controller configured to, when hall calls for a same direction are registered in the management table from

the front hall and back hall of a floor, assign both of the hall calls registered in the front hall and back hall to one of the elevators or assign one of the hall calls registered in the front hall and back hall to another one of the elevators, depending on the demand of the floor determined by the demand determination unit, characterized in that when the floor is a low-demand floor, the assignment controller assigns both of the hall calls registered in the front hall and back hall to one of the elevators, and when the floor is a high-demand floor, the assignment controller assigns one of the hall calls registered in the front hall and back hall to another one of the elevators.

Also disclosed is ~~In general, according to one embodiment,~~ an elevator group controller comprising a plurality of elevators, each comprising a car comprising a front door and a back door, and configured to control the elevators includes a management table configured to manage hall calls separately registered in a front hall and a back hall of each floor; a demand determination unit configured to determine a demand of each floor; and an assignment controller configured to, when hall calls for a same direction are registered in the front