

ABSTRACT

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ELEVATOR GROUP MANAGEMENT CONTROL APPARATUS AND METHOD THEREOF

An improved elevator group management control apparatus and a method thereof which are capable of commonly connecting a plurality of car controllers and floor input/output terminals by using one transmission line, and transmitting/receiving signals by a serial communication method, for thus preventing any operational problems which may occur in the transmission line. The apparatus includes a group management controller for performing an allocation operation based on a floor call and for outputting an allocation information and a call registration information, a plurality of car controllers which are commonly connected with the group management controller for receiving an allocation information through the transmission line by a serial communication method and for outputting a car operation information, and a floor input/output terminal disposed in each floor for transmitting a floor call to the group management controller or the car controllers by a serial transmission method through a first transmission line which is commonly connected, receiving a call registration information, and a car operation information, and outputting the information to a floor call registration unit, and a floor operation display unit of a corresponding car.

(Figure 2)

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