

ABSTRACT OF DISCLOSURE

METHOD FOR TRANSMITTING MESSAGES IN AN ELEVATOR GROUP CONTROL SYSTEM

A method for transmitting message in an elevator group control system having a plurality of elevator controllers, a group controller, and a network is disclosed. The method comprising the steps of : circularly selecting a plurality of elevator cars by the group communication controller which is started at the predetermined period; comparing a data stored in the transmission data storage table with a present data of the selected elevator car, and recording a changed data with a highest priority on a communication record which will be transmitted into the elevator communication controller; determining the priority of the selected data as a low priority in the transmission data storage table; assigning the number of retransmission data for each elevator car which will be recorded on the communication record using the priority information of the transmission data storage table of the selected elevator cars and the number of the data for each priority; arranging the transmission data storage table of the each elevator car by a highest order; obtaining the data in sequence as much as the number of the retransmission data assigned by the arranged transmission data storage table, and recording the data on the communication record; arranging the priority of the retransmission data recorded on the communication record; and redetermining the changed data as a highest priority in the transmission data storage table.

(Fig. 10)