

[ABSTRACT]

ELEVATOR OPERATION CONTROL DEVICE AND METHOD USING

The present invention relates to a device and a method of manipulating a display of a monitor of an elevator by using two pin cameras and preventing a malfunction. The device includes: a monitor (M) in which a speaker is embedded; two pin cameras (P1 and P2) positioned at upper left and right sides of the monitor (M), respectively; a monitor controller (MC); a speaker controller (SC); a pin camera controller (PC); an indicator controller (IC); and an elevator controller (EC), in which the two pin cameras (P1 and P2), next to each other on the front surface of the monitor (M), photograph image, respectively, by the pin camera controller (PC), the pin camera controller (PC) sequentially sets two-dimensional virtual screens z1, z2, and z3 at intervals parallel to the monitor (M) based on photographing angles of the pin cameras (P1 and P2) in an overlapping photographed portion, the monitor controller (MC) displays various buttons on the monitor (M) under the control of the indicator controller (IC), when an operator including a finger of a passenger sequentially touches screens z1 to z3, the monitor controller (MC) detects the touches and activates a selected button, the elevator controller (EC) controls an operation of the elevator according to the activated button, and the speaker controller (SC) controls a sound of the speaker according to the sequential touch of screens z1 to Z3 by the operator under the control of the indicator controller (IC).

FIG. 1