

ABSTRACT

DEVICE AND METHOD FOR CONTROLLING OPERATION OF ELEVATOR BY USING MONITOR

Disclosed are an apparatus and a method of selecting and enlarging a button set displayed on a monitor of an elevator by using a pin camera. In an apparatus and a method of controlling an operation of an elevator by using a monitor, three pin cameras of a first pin camera set P_x sequentially form 2D images x_1 , x_2 , and x_3 toward a monitor M on a front surface of the monitor, respectively, and three pin cameras of a second pin camera set sequentially form 2D images y_1 , y_2 , and y_3 toward the monitor on the front surface of the monitor M , respectively, and the 2D images x_1 to x_3 and y_1 to y_3 overlap on the front surface of the monitor M , respectively, so that x_1 overlaps y_1 to form an image z_1 , x_2 overlaps y_2 to form an image z_2 , and x_3 overlaps y_3 to form an image z_3 , and a controller C displays a button set BS for selecting a floor and up and down on the monitor M , when an operator including a finger of a user sequentially touches the images z_1 to z_3 , the controller C detects the touch and activates one button in the button set BS , and an elevator control device EC controls an operation of the elevator according to the activated button.

FIG. 3