

ELEVATOR RIDING DETECTION SYSTEM

ABSTRACT

According to one embodiment, an elevator riding
detection system includes an imaging means (12), a
5 detection area setting means (22a), a passenger
detection means (22d) and control means (31). The
imaging means (12) captures an image of a predetermined
range from a vicinity of a door (13) of a car (11)
toward a hall (15) when the car (11) arrives at the
10 hall (15). The detection area setting means (22a)
detects a three-sided frame (16A, 16B, 16C) of the hall
(15), and setting a detection area (E0) based on the
three-sided frame (16A, 16B, 16C). The passenger
detection means (22d) detects presence or absence of a
15 passenger having an intention of getting into the car
(11) based on focusing on a movement of a person or an
object in the detection area (E0). The control means
controls (31) an opening-closing operation of the door
(13) based on a result of detection by the passenger
20 detection means (22d).

[FIG. 1]