

ABSTRACT

"ELEVATOR PASSENGER DETECTION SYSTEM"

According to one embodiment, an elevator passenger
detection system comprises an image capturing unit
5 (12), a detection area setting unit (22a), and a
detection processing unit. The image capturing unit
(12) captures an image in a predetermined range
including a vicinity of a doorway at which a door is
opened or closed, from an inside of a car. The
10 detection area setting unit (22a) sets a detection area
on a front return panel provided on at least one of
sides of a doorway of the car, on the captured image
obtained by the image capturing unit (12). The
detection processing unit (22b) detects presence of a
15 passenger or an object, based on the image in the
detection area set by the detection area setting unit
(22a).

[FIG. 1]