

ABSTRACT (FIG. 1)

"ELEVATOR RIDING DETECTION SYSTEM"

According to one embodiment, an elevator riding
detection system includes an image capturing means
5 (12), a detection area setting means (22a), a user
detection means (22d) and control means (31). The
image capturing means (12) captures an image of a
certain range when a car (11) arrives a floor (15), the
range between the proximity of a door (13) of the car
10 (11) and the floor (15). The detection area setting
means (22a) detects a sill (A3) between the car (11)
and the floor (15) in order to set a detection area (E)
on the image on the basis of the sill (A3) detected.
The user detection means (22d) detects a user on the
15 basis of a motion of a person and/or an object within
the detection area (E) using a plurality of consecutive
images. The control means (31) controls an open/close
operation of the door (13) on the basis of a detection
result from the user detection means (22d).