

ABSTRACT (FIG. 10)

"IMAGE PROCESSOR AND MARKER"

According to one embodiment, an image processor (20) includes an image acquisition unit (202) and a displacement detection unit (203). The image acquisition unit (202) is configured to acquire from a camera (12) an image captured with a marker (m) placed along a side wall of a car (11) distinguishably from a floor of the car and a floor of an elevator hall (15). The displacement detection unit (203) is configured to recognize a plurality of patterns included in the marker (m) from the captured image, and to detect that the camera (12) is displaced from the installation position, based on the marker (m) including the recognized patterns, when a distance between adjacent two of the recognized patterns, which are arranged in a first direction along a sill (13a) of the car (11), is a preset distance.