

SAFETY ELEVATOR

Abstract

A safety elevator is provided which detects movements of passengers and cordlike objects at an elevator entrance. The safety elevator, which has an imaging device (5) installed at the elevator entrance to monitor the open/close operation of the elevator doors, comprises a door controller (3) to control the open/close operation of the elevator doors and an image processing unit (6) to determine the detection area from a video signal from the imaging device (5) and detect an object to be detected. The detection area is changed in accordance with the elevator doors are opened or closed.

Figure 1
