ABSTRACT

"USER DETECTION SYSTEM"

According to one embodiment, a user detection system includes a camera (12), a boundary detector (22a), a user detector (22b) and a controller (30). The camera is installed in a peripheral region of a door, and captures a running region when opening or closing the door and a region near the door. The boundary detector detects a boundary between a first structure and a second structure in the region near the door based on an image captured by the camera. The user detector detects whether there is a user in the running region based on a result detected by the boundary detector. The controller controls an open/close operation of the door based on a result detected by the user detector.

(FIG. 1)