

ABSTRACT

PASSENGER CONVEYOR SYSTEM AND MOVING BODY

An escalator 10 has: a right and left pair of balustrades 36, on each of which a handrail belt 38 runs; a step 30 moving between the right and left pair of the balustrades 36 in a front-rear direction from one landing to another landing; and a left LED 70 and a right LED 76, each of which is provided along the front-rear direction in an upper portion of the balustrade 36. A moving body 100 moves on the step 30 and has: a left sensor 110 and a right sensor 112 respectively detecting illuminance from the left LED 70 and the right LED 76; and a robot control section 104 storing illumination information in a chronological order, the illumination information indicating an illumination state of each of the left LED 70 and the right LED 76, each of which is provided at each position on the balustrade 36, on the basis of the illuminance detected by the respective sensors.

(Figure 1)