

ELEVATOR DEVICE

ABSTRACT

In the present invention, through a provision of a car speed detecting means 12 in which an elevator car
5 1 rotatably supports a rocker arm 5 that extends in a direction perpendicular to the laying down direction of a guide rail 2 and is rockable in the direction perpendicular to the laying down direction of the guide rail 2, and the rocker arm 5 rotatably supports a roller
10 8 that contacts the guide rail 2 and rotates in the direction of the laying down direction of the guide rail as well as the upward and downward running speed of the elevator car is detected by making use of the rotation of a roller shaft 9 of the roller 8, the upward and
15 downward running speed of the elevator car can be detected accurately without increasing an occupying volume of the elevator car.

FIGURE 3