



Summary:



Mechanism for indenting a safety gear for an elevator car

G00002

In relation with this mechanism for stopping an elevator car (1) is, for the monitoring of the speed of the elevator car (1), an overspeed governor (5) provided which works based on the swing lever principle, whereby the movement of the elevator car (1) will be transferred by means of a governor rope (6) to the overspeed governor (5). The governor rope (6) extends itself over the entire shaft height and will be returned at the lower shaft end by means of a deflection sheave (7) and stretched by means of counterweight (7.1) as well as guided at the upper shaft end over a pulley of the overspeed governor (5). The ends of the governor rope (6) are fastened on a release mechanics (8) arranged on the elevator car (1) and such release mechanics (8) operates in an emergency a safety gear (9) arranged on the elevator car (1). With the overspeed of the elevator car (1) a rope brake (15) is released upwards.

(Fig. 1)