

Description

Activation of an emergency light unit

The invention relates to a method of activating an emergency light unit, which is arranged in a lift cage with a lift door, of a lift installation having at least one control unit.

In the case of power failure or a disturbance it could happen in a lift installation that the passengers in a lift cage have to wait in darkness for help. In order that this does not occur an emergency light unit, which guarantees to the passengers a minimum amount of light, is installed in the lift cage. This emergency light unit comprises, for example, batteries, capacitors, etc., and is thus in the case of need independent of the power supply of the lift cage. It is activated in that a drop in voltage or current is detected. For this purpose the emergency light unit usually comprises a corresponding switching or control unit which detects voltage or current drop and activates the emergency light unit.

It is an object of the invention to propose an alternative and improved possibility for activation of an emergency light unit.

The invention is fulfilled on the basis of the features of the independent patent claims. Developments are indicated in the dependent claims.

A core of the invention consists in activating an emergency light unit by the control unit in dependence on at least one light intensity value which is detected by a light sensor unit, for example a photodetector, a radiation detector, a thermal detector, etc., in a lift cage of an lift installation and which is transmitted to a control unit. In that case the emergency light unit is arranged in the lift cage. The lift cage comprises a lighting unit, for example illuminating means, a bulb, an LED lamp, a fluorescent tube, etc., for illumination of the lift cage interior and has on at least one side of the cage a lift door which can be of single-part or multi-part construction, for example a telescopic door.

Detection of the at least one light intensity value by the light sensor unit is in that case carried out when the lift door is closed. However, it is also conceivable that detection of the at least one light intensity value takes place when the lift door is open.

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