Title (en)
Position detector of an elevator cabin

Title (de)
Positionsdetektor einer Aufzugskabine

Title (fr)
Détecteur de position d'un cabine d'ascenseur

Publication
EP 2043935 A1 20090408 (DE)

Application
EP 06762837 A 20060726

Priority
EP 2006007402 W 20060726

Abstract (en)
[origin: WO2008011895A1] The invention relates to a lift comprising a lift cage which is guided in a shaft along guiding rails, said lift comprising an electronic system, inter alia, for controlling or regulating the running of the lift, and an emergency braking device for preventing the lift cage from overspeed. The emergency braking device comprises a braking device and a detector device (11) which emits a signal for actuating the braking device in the event of overspeed of the lift cage. The detector device (9, 11) comprises at least two wheels which are arranged on a guiding rail (2) and each drive a detector (11) emitting a signal which is a measure for the rotational angle or rotational speed. The electronic system is embodied in such a way that it functionally uses the detector signals, in that at least one detector signal is examined during the operation of the lift within the authorised speed range in order to determine at least one path, speed and/or acceleration variable influencing the subsequent operation of the lift installation, and in that the electronic system actuates the braking device as soon as at least one of the detectors (11) announces an overspeed of the lift cage outside the authorised speed range, by means of the detector signal thereof.

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CPC (source: EP)
B66B 1/3492 (2013.01); B66B 19/007 (2013.01)

Citation (search report)
See references of WO 2008011895A1

Cited by
US10494228B2; US11498804B2

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