

Title (en)

ELEVATOR SYSTEM WITH AN ELEVATOR CAR AND A BRAKING DEVICE FOR STOPPING SAID ELEVATOR CAR IN A SPECIAL OPERATING MODE AND A METHOD FOR STOPPING AN ELEVATOR CAR IN A SPECIAL OPERATING MODE

Title (de)

AUFZUGSANLAGE MIT EINER AUFZUGKABINE UND EINER BREMSEINRICHTUNG ZUM STILLSETZEN DER AUFZUGKABINE IM SONDERBETRIEB UND EIN VERFAHREN ZUM STILLSETZEN EINER AUFZUGKABINE IM SONDERBETRIEB

Title (fr)

INSTALLATION D'ASCENSEUR COMPRENANT UNE CABINE D'ASCENSEUR ET UN DISPOSITIF DE FREINAGE POUR IMMOBILISER LADITE CABINE D'ASCENSEUR DANS UN MODE DE FONCTIONNEMENT SPECIAL ET PROCEDE POUR IMMOBILISER UNE CABINE D'ASCENSEUR DANS UN MODE DE FONCTIONNEMENT SPECIAL

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Application

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Abstract (en)

[origin: WO2009010496A1] The invention relates to an elevator system with an elevator car, a braking device for stopping an elevator car in a special operating mode and a method for stopping an elevator car in the special operating mode. The elevator car (2) is arranged movably along guideways (4) and in the special operating mode is decelerated to a standstill and kept at a standstill by a braking device (3), by means of a braking force (FB) brought about by the braking device (3) together with a brakeway (5). According to the invention, a required deceleration (ANe) to bring the elevator car (2) to a stand still within a next-possible exit zone (11) in the special operating mode is calculated, furthermore a stopping of the elevator car (2) is detected if a sudden change (dFB_{eff}) in the braking force (FB) or the acceleration (A_{eff}) is established and the braking force (FB) of the braking device (3) is set to a holding force when the stopping is established. Use of the invention follows from the elevator car coming to a stop directly in the region of an exit zone in a special operating mode and passengers in the car being able to leave the elevator car independently.

IPC 8 full level

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