

Title (en)

TRIGGERING OF A LIFT BRAKE IN AN EMERGENCY SITUATION

Title (de)

AUSLÖSEN EINER AUFZUGSBREMSE IN EINER NOTFALLSITUATION

Title (fr)

DÉCLENCHEMENT D'UN FREIN D'ASCENSEUR DANS UNE SITUATION D'URGENCE

Publication

EP 2744738 B1 20150708 (DE)

Application

EP 12743730 A 20120803

Priority

- EP 11177714 A 20110816
- EP 2012065302 W 20120803
- EP 12743730 A 20120803

Abstract (en)

[origin: US2013043097A1] A method for triggering an elevator brake in an emergency situation of a vertically movable elevator car in an elevator installation, wherein a movable part of the brake is held in a starting position by an electromagnetic force generated by a coil connected with a voltage source, and for triggering the brake the voltage supplied to the coil is interrupted and the movable part is moved from the starting position to a braking position by a spring force of at least one spring. A voltage is set by a switching unit that is connected with a control unit in dependence on at least one travel parameter of the elevator car determined by the control unit and, in the case of failure of the voltage source, triggering of the elevator brake is delayed by a delay unit in dependence on the set voltage.

IPC 8 full level

B66B 5/02 (2006.01)

CPC (source: EP US)

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Cited by

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