Title (en)

METHOD FOR MOVING AN ELEVATOR CAR OF AN ELEVATOR FOR THE EVACUATION OF PASSENGERS AND BRAKE OPENING DEVICE FOR MOVING AN ELEVATOR CAR OF AN ELEVATOR FOR THE EVACUATION OF PASSENGERS

Title (de)

VERFAHREN ZUM BEWEGEN EINER AUFZUGSKABINE EINES AUFZUGS ZUM EVAKUIEREN VON PASSAGIEREN UND BREMSÖFFNUNGSVORRICHTUNG ZUM BEWEGEN EINER AUFZUGSKABINE EINES AUFZUGS ZUM EVAKUIEREN VON PASSAGIEREN

Title (fr)

PROCÉDÉ DE DÉPLACEMENT D'UNE CABINE D'UN ASCENSEUR DESTINÉ À ÉVACUER DES PASSAGERS ET DISPOSITIF D'OUVERTURE DU FREIN DESTINÉ À DÉPLACER UNE CABINE D'UN ASCENSEUR DESTINÉ À ÉVACUER DES PASSAGERS

Publication

EP 3898480 B1 20230201 (DE)

Application

EP 19824352 A 20191220

Priority

- EP 18214614 A 20181220
- EP 2019086694 W 20191220

Abstract (en)

[origin: WO2020127982A1] The invention relates to a method for moving an elevator car (10) of an elevator (5) for evacuating passengers from the elevator car (10) of the elevator (5) in the event of a power outage, in which a brake (18) blocks a vertical movement of the elevator car (10). The method comprises the following steps: Applying an electrical pulse, or a plurality of electrical pulses, to the brake (18) of the elevator car (10) for releasing the brake (18) and unblocking the vertical movement of the elevator car (10), wherein the brake (18) is released as long as the relevant electrical pulse is applied to the brake (18); determining a travelled height that the elevator car (10) has travelled while the relevant electrical pulse was applied; comparing the determined travelled height with a specified distance (dmax); and stopping the application of the relevant electrical pulse to the brake (18) when the determined travelled height equals the specified distance (dmax) or is greater than the specified distance (dmax).

IPC 8 full level

B66B 5/02 (2006.01)

CPC (source: EP US)

B66B 5/027 (2013.01 - EP US); B66B 5/16 (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020127982 A1 20200625; AU 2019410702 A1 20210624; AU 2019410702 B2 20230713; BR 112021008405 A2 20210914; CA 3117772 A1 20200625; CN 113195391 A 20210730; CN 113195391 B 20230124; EP 3898480 A1 20211027; EP 3898480 B1 20230201; MX 2021007348 A 20210921; US 11787661 B2 20231017; US 2022055861 A1 20220224

DOCDB simple family (application)

EP 2019086694 W 20191220; AU 2019410702 A 20191220; BR 112021008405 A 20191220; CA 3117772 A 20191220; CN 201980084730 A 20191220; EP 19824352 A 20191220; MX 2021007348 A 20191220; US 201917309681 A 20191220