

Title (en)

Actuation process and device in an emergency situation in elevator apparatuses

Title (de)

Verfahren und Vorrichtung im Notfallbetriebe für Aufzugsanlage

Title (fr)

Dispositif et processus de réglage en cas de situation d'urgence dans un dispositif d'ascenseur

Publication

EP 2020395 A1 20090204 (EN)

Application

EP 08380234 A 20080730

Priority

ES 200702193 A 20070803

Abstract (en)

The invention relates to a device and actuation process in emergency situations in elevators and envisages that in any emergency situation that may occur in an elevator, either due to overspeed, jerk, uncontrolled movements of the car, free-fall of the car due to breaking of the traction ropes, lack of supply voltage, etc., instead of the car being stopped at the moment in which this emergency situation occurs and trapping the passengers, the process envisages the car being able to continue moving up or down according to the travel direction until it reaches the next floor, opening the doors of the car so that the passengers can get out and indicating the inoperative state of the elevator from that moment on.

IPC 8 full level

B66B 5/02 (2006.01)

CPC (source: EP ES)

B66B 5/027 (2013.01 - EP ES)

Citation (applicant)

- US 2005269163 A1 20051208 - ANGST PHILIPP [CH]
- EP 1670710 A1 20060621 - OTIS ELEVATOR CO [US]
- WO 0039015 A1 20000706 - OTIS ELEVATOR CO [US]
- WO 2006072428 A2 20060713 - THYSSENKRUPP AUFZUEGE GMBH [DE], et al
- US 2004173413 A1 20040909 - ANGST PHILIPP [CH], et al

Citation (search report)

- [X] US 2005269163 A1 20051208 - ANGST PHILIPP [CH]
- [X] US 2006137941 A1 20060629 - ANDREJAK JEAN-MARIE [FR], et al
- [X] GB 1469576 A 19770406 - HITACHI LTD

Cited by

EP3072842A1; US2019126387A1; US9457987B2; US10273116B2; EP2769952A2; US10745239B2; US11897725B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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