Title (en)

ELEVATOR SYSTEM HAVING A BRAKE SYSTEM

Title (de)

AUFZUGSANLAGE MIT EINEM BREMSSYSTEM

Title (fr)

SYSTÈME D'ASCENSEUR POURVU D'UN SYSTÈME DE FREINAGE

Publication

EP 3233700 A1 20171025 (DE)

Application

EP 15797352 A 20151120

Priority

- EP 14198538 A 20141217
- EP 2015077173 W 20151120

Abstract (en)

[origin: WO2016096320A1] The invention relates to an elevator system, wherein an elevator cab (2) is arranged in such a way that it can be moved along at least two guide rails (10), and the elevator cab (2) is equipped with a brake system (15) having preferably two electromechanical brake devices (20). The brake system also comprises a safety device (30) and a power-failure device (50), which has an emergency power supply (51) and an automatic resetting device (52). The emergency power supply (51) comprises a store (53) for storing electrical energy or a connection to an emergency power source independent of a normal power source (UN). If the normal power source (UN) is interrupted, the emergency power supply (51) provides electrical energy for supplying the electromechanical brake device (20) and the safety device (30). In addition, the automatic resetting device (52) comprises a decision algorithm (54) for deciding on a reason for actuation, provided the electromechanical brake device (20) is actuated, and the automatic resetting device also comprises a resetting algorithm (55), which is automatically initialized and executed, provided the decision algorithm (54) has detected a non-critical event, such as a voltage failure, as a reason for actuation.

IPC 8 full level

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CPC (source: CN EP)

B66B 5/0006 (2013.01 - EP); **B66B 5/0031** (2013.01 - CN); **B66B 5/027** (2013.01 - CN EP); **B66B 5/16** (2013.01 - CN)

Citation (search report)

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