Title (en)

SAFETY DEVICE FOR CONTROLLING SAFETY-RELEVANT UCM AND UDM FUNCTIONS IN A LIFT SYSTEM

Title (de)

SICHERHEITSVORRICHTUNG ZUM STEUERN SICHERHEITSRELEVANTER UCM- UND UDM-FUNKTIONEN IN EINER AUFZUGANLAGE

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR LA COMMANDE DE FONCTIONS UCM ET UDM RELATIVES À LA SÉCURITÉ DANS UN SYSTÈME D'ASCENSEUR

Publication

EP 4214149 A1 20230726 (DE)

Application

EP 21777483 A 20210913

Priority

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Abstract (en)

[origin: WO2022058276A1] The invention relates to a safety device (13) for controlling safety-relevant functions in a lift system (1) and to a lift system (1) equipped therewith. The safety device (13) is configured to do both of the following, on the basis of input signals from at least one first component (15) of the lift system (1) which provides information relating to current conditions inside the lift system (1) such as a current position and speed of a lift car (3): - actuate at least one second component (21) such as a brake (23) of the lift system (1) such that an unintended movement of the lift car (3) of the lift system (1) is prevented, - actuate at least one third component (25) such as a door drive (27) of the lift system (1) such that an unintended movement of a lift car door (43) is prevented. Therefore, both a UCM (unintended car movement) function and a UDM (unintended door movement) function are implemented in the safety device.

IPC 8 full level

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CPC (source: EP US)

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