

Title (en)

SAFETY DEVICE FOR A LIFT SYSTEM, LIFT SYSTEM AND METHOD FOR OPERATING A SAFETY DEVICE

Title (de)

SICHERHEITSEINRICHTUNG FÜR EINE AUFZUGSANLAGE, AUFZUGSANLAGE UND VERFAHREN ZUM BETREIBEN EINER SICHERHEITSEINRICHTUNG

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR UNE INSTALLATION D'ASCENSEUR INSTALLATION D'ASCENSEUR ET PROCÉDÉ POUR LE FONCTIONNEMENT D'UN DISPOSITIF DE SÉCURITÉ

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Application

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Abstract (en)

[origin: WO2018206518A1] The invention relates to a safety device for a lift system, comprising a safety element, which keeps a safety system deactivated in a release position and activates the safety system in a blocking position, wherein the safety element exerts a driving force (F1), the effect of which is oriented in such a way as to transfer the safety element from the release position into the blocking position. The safety device also comprises a retaining element (300) which exerts a retaining force (F2) on the safety element in such a way that the retaining force (F2) counteracts the driving force (F1) in order to retain the safety element in the release position. In addition, in the release position of the safety element, the retaining force (F2) exceeds the driving force (F1) by a tolerance value (T), wherein the tolerance value (T) can be adjusted according to different operating modes that are possible in the release position of the safety element, and wherein, in order to transfer the safety element into the blocking position, the safety device is configured to reduce the retaining force in such a way that the driving force (F1) exceeds the retaining force (F2). The invention also relates to a lift system and to a method for operating a safety device.

IPC 8 full level

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CPC (source: EP US)

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