Title (en)

SAFETY DEVICE OF A LIFT SYSTEM

Title (de)

SICHERHEITSEINRICHTUNG EINER AUFZUGSANLAGE

Title (fr)

DISPOSITIF DE SÉCURITÉ D'UNE INSTALLATION D'ASCENSEUR

Publication

EP 3310699 B1 20230830 (DE)

Application

EP 16730396 A 20160620

Priority

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- EP 2016064209 W 20160620

Abstract (en)

[origin: WO2016207116A1] Safety device of a lift system (1) having a car comprising an evaluation device (35) and a measuring device (45), wherein departure from at least one door zone with an open car door (33) or impermissible accelerations and/or speeds of the car (3) being reached within the door zone can be identified by means of the evaluation device (35) on the basis of output signals from the measuring device (45) and a control signal can be generated, the car (3) being braked on the basis of said control signal, characterized in that the safety device has a safety circuit, which is connected to the evaluation device (35), for ensuring a first safe zone in the shaft head of a lift shaft (7) during an inspection run, wherein the safety circuit has a safety switch (51), and wherein the car (3) comprises a tripping means for tripping the safety switch (51), wherein the safety switch (51) and the tripping means have a first position in relation to one another, in which position they specify the first safe zone (53) in the lift shaft by virtue of their position in relation to one another, so that entry of the car (3) into the first safe zone (53) during the inspection run can be prevented by tripping the safety switch (51), by it being possible for the control signal to be generated by means of the evaluation device (35) on account of the safety switch (51) being tripped, the car (3) being braked on the basis of the control signal.

IPC 8 full level

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CPC (source: EP KR US)

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