

Title (en)

SAFE TORQUE OFF DEVICE FOR INTERRUPTING THE GENERATION OF TORQUE BY A LIFT INSTALLATION DRIVE MACHINE SUPPLIED BY A POWER SUPPLY DEVICE

Title (de)

SICHERHEITSDREHMOMENTABSCHALTEINRICHTUNG ZUM UNTERBRECHEN EINER DREHMOMENTERZEUGUNG DURCH EINE VON EINER LEISTUNGSVERSORGUNGSEINRICHTUNG VERSORGTE ANTRIEBSMASCHINE EINER AUFZUGANLAGE

Title (fr)

DISPOSITIF D'ARRÊT DE COUPLE DE SÉCURITÉ POUR L'INTERRUPTION D'UNE PRODUCTION DE COUPLE PAR UNE MACHINE D'ENTRAÎNEMENT D'UNE INSTALLATION D'ASCENSEUR ALIMENTÉE PAR UNE INSTALLATION D'ALIMENTATION EN PUISSANCE

Publication

EP 3947229 A1 20220209 (DE)

Application

EP 20714610 A 20200329

Priority

- EP 19166306 A 20190329
- EP 2020058881 W 20200329

Abstract (en)

[origin: WO2020201169A1] A description is given of a safe torque off device (15) for interrupting the generation of torque by a lift installation (1) drive machine (9) supplied by a power supply device (13), which may for example be part of an inverter device (11). The safe torque off device (15) comprises a control input (33) and a plurality of signal input terminals (35) and signal output terminals (37). Signal outputs (29) of a signal generation device (17) are able to be connected to one of the signal input terminals (35) and signal inputs (31) of a driver circuit (27) are able to be connected to one of the signal output terminals (37). Each of the signal input terminals (35) is able to be electrically conductively connected to an associated one of the signal output terminals (37) in each case via a first and a second series-interconnected signal transmission switch (39, 41) by virtue of both the first signal transmission switch (39) and the second signal transmission switch (41) being switched into a conductive switching state. The control input (33) is connected to a first and a second control unit (43, 45), wherein the first control unit (43) switches switching states of all of the first signal transmission switches (39) in a manner controlled by a control signal present at the control input (33) and the second control unit (45) switches switching states of all of the second signal transmission switches (41) in a manner controlled by the control signal present at the control input (33).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020201169A1

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