

Title (en)
SAFETY CIRCUIT IN A LIFT ASSEMBLY

Title (de)
SICHERHEITSKREIS IN EINER AUFZUGSANLAGE

Title (fr)
CIRCUIT DE SÉCURITÉ DANS UNE INSTALLATION D'ASCENSEUR

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Application
EP 10771084 A 20101020

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Abstract (en)
[origin: WO2011054674A1] The invention relates to a safety circuit (200) in an elevator system (100), comprising at least one series connection (43) of safety-relevant contacts (20a-20d, 26), which are closed during trouble-free operation of the elevator system (100), wherein in the case of certain operating conditions in which at least one contact (20a-20d, 26) is opened, said least one contact (20a-20d, 26) can be bridged by means of semiconductor switches (36a, 36b), and wherein the semiconductor switches (36a, 36b) can be controlled by means of at least one processor (34c, 34d) and monitored by means of at least one monitoring circuit (37a, 37b) for short circuits, and further comprising at least one electromechanical relay circuit (42a), having relay contacts (31c, 31d) connected in series with the contacts (20a-20d, 26) of the bridged series connection (43), wherein the relay circuit (42a) can be controlled by means of the at least one processor (34c, 34d) and the bridgable series connection (43) can be interrupted by means of the relay contacts (31c, 31d) in the case of short-circuiting of the semiconductor switches (36a, 36b).

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