

Title (en)

LIFT MONITORING UNIT HAVING A GALVANICALLY DECOUPLED SIGNAL TRANSMISSION

Title (de)

AUFZUGÜBERWACHUNGSEINRICHTUNG MIT GALVANISCH ENTKOPPELTER SIGNALÜBERTRAGUNG

Title (fr)

DISPOSITIF DE SURVEILLANCE D'ASCENSEUR MUNI D'UNE TRANSMISSION DE SIGNAUX ISOLÉE GALVANIQUEMENT

Publication

EP 3292064 A1 20180314 (DE)

Application

EP 16720111 A 20160503

Priority

- EP 15166314 A 20150505
- EP 2016059805 W 20160503

Abstract (en)

[origin: WO2016177683A1] The invention relates to a lift monitoring unit (1) which has a safety chain (3), a I/O device (5), and an interface unit (7). It should be possible for safety signals from the safety chain (3) to be relayed to the I/O unit (5) and to be passed on from the latter for example to an external control unit (9). In order to prevent transmission for example of dangerously high electrical voltages coming from the safety chain (3), the interface unit (7) is connected between the safety chain (3) and the I/O unit (5). The interface unit (7) contains a signal transmission device (35) which is designed to relay galvanically decoupled signals from inputs (17) to outputs (19). As a result safety signals can be read out from the safety chain (3) with the highest possible degree of safety while avoiding electrical overvoltages, and the signals can be provided to the control device (9).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2016177683A1

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