

Title (en)

FLOOR POSITION DETECTION DEVICE OF A LIFT INSTALLATION AND METHOD FOR GENERATING A FLOOR SIGNAL

Title (de)

STOCKWERKPOSITIONSERKENNUNGSVORRICHTUNG EINER AUFZUGANLAGE UND VERFAHREN ZUR ERZEUGUNG EINES STOCKWERKSIGNALS

Title (fr)

DISPOSITIF DE RECONNAISSANCE DE POSITION D'ÉTAGE D'UNE INSTALLATION D'ASCENSEUR ET PROCÉDÉ DESTINÉ À PRODUIRE UN SIGNAL D'ÉTAGE

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Application

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Abstract (en)

[origin: WO2018219504A1] The invention relates to a floor position detection device (26) of a lift installation and to a method for generating a floor signal. The floor position detection device (26) comprises a sensor unit (35) and an evaluation unit (36) for generating a floor signal comprising two states. The floor signal can adopt the two states: "in the range of the floor" or "outside the range of the floor". The sensor unit (35) comprises a first Hall effect sensor (28) for producing a first floor position characteristic value and a second Hall effect sensor (30) for producing a second floor position characteristic value. The evaluation unit (36) is designed to generate the floor signal on the basis of a comparison between the first and the second floor position characteristic values. According to the invention, the evaluation unit (36) is provided in order to verify whether the first and/or second floor position characteristic value is higher than a first threshold value and to generate the floor signal on the basis of the result of said verification.

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