Title (en)
METHOD FOR OPERATING A LIFT SYSTEM

Title (de)
VERFAHREN ZUM BETREIBEN EINER AUFZUGSANLAGE

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN ASCENSEUR

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Application
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Abstract (en)
[origin: WO2018041713A1] The invention relates to a method for operating a lift system (1), the lift system (1) comprising a lift cage (2) received in a movable manner inside a lift shaft (7), a linear drive (3) for driving the lift cage (2), the linear drive (3) comprising a stator arrangement (4) provided with a plurality of stators (K..Q) and applied to the lift shaft (7) in a secure manner,and a rotor (5) applied to the lift cage (2), the stator arrangement (4) comprising a plurality of electromagnetic coils (u, v, w) that can be respectively operated by a phase (Iu, Iv, Iw) of a polyphase alternating current (Iuvw). The method comprises the following steps: providing the polyphase alternating current (Iuvw) for operating the stator arrangement (4) and thereby driving the lift cage (2), particularly for providing an upward drive force for the lift cage (2); monitoring a deceleration value (b, B) of the lift system by means of sensors (8) that are securely installed in the lift shaft (7); and switching the linear drive (3) into a safety operating state if a deceleration value (b) above a pre-defined threshold value (bLimit) is determined in the monitoring step.

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