

Title (en)

SYSTEM AND METHOD FOR DETERMINING THE POSITION OF AN ELEVATOR CAR OF A LIFT ASSEMBLY

Title (de)

VERFAHREN UND SYSTEM ZUR BESTIMMUNG DER POSITION EINER AUFZUGKABINE EINER AUFZUGANLAGE

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DE LA POSITION D'UNE CABINE D'ASCENSEUR D'UNE INSTALLATION D'ASCENSEUR

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Application

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Abstract (en)

[origin: WO2020001971A1] The invention relates to a method and to a system for determining the position of an elevator car (14) of an elevator system (10), which elevator car is movably arranged in an elevator shaft (12), wherein images of shaft components (24) or pieces of shaft equipment (26) fulfilling different functions are captured using an image-capturing unit (32) arranged on the elevator car (14) and a currently captured image is compared with at least one stored comparison image of said shaft components (24) or pieces of shaft equipment (26) in a direction of travel (22) of the elevator car (14) in order to determine the current position of the elevator car (14) in the direction of travel (22). If no information about the position of the elevator car (14) in a previous determination step is available, for example when the elevator installation (10) is restarted, a current image is compared with all the stored comparison images. On the basis of this comparison, a possible position or a plurality of possible positions of the elevator car (14) is determined. Said possible positions are checked at least once before one of said positions is adopted as the current position of the elevator car (14).

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