

Title (en)

Arrangement and method to detect physical parameters of an elevator.

Title (de)

Verfahren zum Erfassen von physikalischen Kenngrößen eines Aufzuges.

Title (fr)

Dispositif et méthode pour détecter des paramètres physiques d'un élévateur.

Publication

EP 0390972 B1 19940803 (DE)

Application

EP 89122928 A 19891212

Priority

DE 3911391 A 19890407

Abstract (en)

[origin: EP0390972A1] The invention relates to a method of detecting physical parameters, in particular motion parameters, of a goods and/or passenger lift, whose car is suspended on a cable pull driven by a driving pulley. It is the object of the invention to propose a test method for such lifts in which there is a reduction in the amount of work by contrast with previously known test methods, while the test quality is simultaneously increased. According to the invention, this object is achieved when the physical parameters of the lift are determined by connecting at least one displacement sensor to the cable pull and/or the driving pulley in order to generate displacement signals, by connecting the displacement sensors to an evaluation unit which contains a time generator, in order to feed the displacement signals to the evaluation unit, and by connecting the evaluation unit to switching points of the control circuit, at which signals are present which control the sequence of motions of the lift, in order to determine physical parameters from the displacement signals and the control signals. The method can be used advantageously to check the drivability of the driving pulley. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102009001056A1; DE102007009602A1; US5522480A; CN105026297A; CN111433146A; DE4217587C2; DE102006011092A1; CN104973475A; DE102005010346A1; DE102006011093A1; EP0563836A3; EP1262437A3; EP1832540A1; DE102006011395A1; DE102004029133A1; EP0776855A1; DE102006011395B4; US7673522B2; US9981825B2; WO9208665A1; WO2014128347A1; WO2019075919A1; WO0114237A1; US10023429B2; US10815098B2; EP1700810A1

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