

Title (en)
METHOD AND DEVICE FOR THE TESTING OF ELEVATOR SYSTEMS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM PRÜFEN VON AUFZUGSANLAGEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE VÉRIFICATION D'APPAREILS D'ÉLÉVATION

Publication
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Application
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Abstract (en)
[origin: WO2008071301A1] Disclosed is a method for the static load testing, in particular during startup operation or putting into service, of the complete mechanical structure of elevators (1) consisting of at least one elevator car (4) and one drive unit (2), wherein the mechanical structure is given a predetermined overload, in particular 1.25 times the rated load. The method can be carried out without loading the elevator car with load bodies for all marketable types of elevators and drive systems for elevator systems with defined test loads. It is proposed that the elevator car (4) is stopped by a stopping device (12, 13) directly or indirectly in the shaft (14), that subsequently the drive unit (2) is powered to exert a tensile force on the elevator car (4), the tensile force on the stopping device (12, 13) is measured, and the drive unit (2) is stopped as soon as the quantity of the measured tensile force corresponds to the predetermined overload, wherein the tensile force is subsequently kept constant for a predetermined period of time.

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US2018282121A1; US10745244B2

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