

Title (en)

METHOD FOR CONTROLLING AN ELEVATOR DRIVE DEVICE AND RELATED OPERATION DEVICE FOR AN ELEVATOR SYSTEM

Title (de)

VERFAHREN ZUR STEUERUNG EINER AUFZUGSANTRIEBSVORRICHTUNG UND VERWANDTE BETÄTIGUNGSVORRICHTUNG FÜR EIN AUFZUGSSYSTEM

Title (fr)

PROCEDE DE COMMANDE D'UN DISPOSITIF D'ENTRAINEMENT D'ASCENSEUR ET DISPOSITIF DE FONCTIONNEMENT ASSOCIE POUR UN SYSTEME D'ASCENSEUR

Publication

EP 1885640 A1 20080213 (EN)

Application

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Abstract (en)

[origin: WO2006119787A1] The invention is directed to a method for controlling an elevator drive device for operating an elevator car, comprising the steps of providing a control circuit (2) for controlling the elevator drive device (3), and providing a pre-torque signal (401) to the control circuit (2), the pre-torque signal adapted as a control signal for holding the elevator car (10) still after a brake (32) for holding the car is released. A tracking error signal (203) derived from a difference between a command speed signal (201) and a detected speed signal (202) of the elevator drive device (3) is provided, moreover a load weight signal (501) of a load associated with the elevator car (10). The method further includes monitoring at least two tracking error signals and at least two related load weight signals (610 - 613) over at least two operating runs of the elevator car (10), and controlling and adjusting the pre-torque signal (401), wherein the monitored signals (610 - 613) are provided as input signals for controlling and adjusting the pre-torque signal (401). Advantageously, elevator roll back and roll forward behaviour prior to the start of a normal run may be monitored, wherein the load weighing system setup may be effected automatically.

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See references of WO 2006119787A1

Cited by

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