

Title (en)

Elevator supervision

Title (de)

Überwachungssystem für einen Aufzug

Title (fr)

Système de monitoring pour ascenseur

Publication

EP 1602610 B1 20100414 (EN)

Application

EP 05104494 A 20050525

Priority

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Abstract (en)

[origin: EP1602610A1] The invention provides a method and system for supervising the safety of an elevator having a car (2) driven by driving means (12) within a hoistway (4) wherein a travel parameter (XABS,X"Acc,X'IGB) of the car (2) is sensed and continually compared with a similarly sensed travel parameter (X'IG) of the driving means. If the comparison shows a large deviation between the two parameters, an emergency stop is initiated. Otherwise one of the travel parameters (XABS,X"Acc X'IGB; X'IG) is output as a verified signal (X;X'). The verified signal is then compared with predetermined permitted values. If it lies outside the permitted range then an emergency stop is initiated. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

WO2017168035A1; AU2018204749B2; EP3365260A4; CN112041254A; EP2121500A4; EP2594519A1; EP3672897A4; EP3421400A1; US11505427B2; WO2012080104A1; WO2012080102A1; WO2017068232A1; WO2009013114A1; WO2013072184A1; WO2016062686A1; US9975732B2; US11548758B2; DE112007003542B4; EP3436385A4; EP3915921A1; CN113716423A; US10745243B2; US11414297B2; WO2008102051A1; WO2012080106A2; EP2998260A1; WO2020056701A1; US8261886B2; US8297413B2; US8336677B2; US9926170B2; US11352235B2; EP2807103B1; EP3209589B1

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