

Title (en)

Method and device for determining the movement and/or position of a lift cabin

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER BEWEGUNG UND/ODER DER POSITION EINER AUFZUGSKABINE

Title (fr)

Procédé et dispositif de détermination du mouvement et/ou de la position d'une cabine d'ascenseur

Publication

EP 2516305 B1 20150211 (DE)

Application

EP 10787793 A 20101210

Priority

- EP 09180409 A 20091222
- EP 2010069397 W 20101210
- EP 10787793 A 20101210

Abstract (en)

[origin: US2011147135A1] A method and apparatus for determining the movement and/or the position of an elevator car include a first monitoring unit for analyzing first signals of a first sensor device for obtaining information about the movement and/or the position of the elevator car, for detecting a possible faulty behavior of the elevator system, and for initiating corresponding safety measures. A second sensor device, which does not operate on the principle of the first sensor device, registers changes of the movement state of the elevator car and emits corresponding second signals to a second monitoring unit that analyzes the second signals and detects changes of the movement state of the elevator car. A fault signal is generated if the movement signals that are obtained from the first monitoring unit are incoherent with the changes of the movement state of the elevator car that are detected by the second monitoring unit.

IPC 8 full level

B66B 1/34 (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP US)

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Cited by

DE112014006595B4; EP3002245A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2011147135 A1 20110623; **US 8464841 B2 20130618**; CN 102666341 A 20120912; CN 102666341 B 20140702; EP 2516305 A1 20121031; EP 2516305 B1 20150211; ES 2536702 T3 20150527; HK 1173712 A1 20130524; WO 2011076590 A1 20110630

DOCDB simple family (application)

US 97605110 A 20101222; CN 201080057877 A 20101210; EP 10787793 A 20101210; EP 2010069397 W 20101210; ES 10787793 T 20101210; HK 13100890 A 20130121