

Title (en)

Method and device for increasing safety of elevators

Title (de)

Verfahren und Vorrichtung zur erhöhten Sicherheit bei Aufzügen

Title (fr)

Procédé et dispositif pour augmenter la sécurité des ascenseurs

Publication

**EP 0773180 B1 20010418 (DE)**

Application

**EP 96117251 A 19961028**

Priority

CH 315895 A 19951108

Abstract (en)

[origin: EP0773180A1] The method derives a desired motion characteristic in a controller and passing it with motion parameters to a drive controller. If a safety limit is exceeded, the lift cabin is stopped. The same motion parameters are passed to a second controller for a reference drive so that a triggering part moved by the reference drive has the same motion characteristic. The triggering part is movably connected to the lift cabin so that a switch for stopping the cabin is triggered by the triggering part if the deviation of the lift cabin from the motion characteristic is greater than the safety limit.

IPC 1-7

**B66B 5/04**

IPC 8 full level

**B66B 1/32** (2006.01); **B66B 1/30** (2006.01); **B66B 5/04** (2006.01); **B66B 5/06** (2006.01)

CPC (source: EP US)

**B66B 5/04** (2013.01 - EP US); **B66B 5/18** (2013.01 - EP)

Cited by

EP1431229A4; EP1621507A4; EP1577249A3; EP1688383A4; WO2004076326A1; WO2010010197A1; US7438158B2; WO2005049468A1; US10807832B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 96117251 A 19961028**; AT 96117251 T 19961028; DE 59606797 T 19961028; HK 98113561 A 19981216; JP 29661896 A 19961108; MY PI9604229 A 19961011; US 74442696 A 19961107