

Title (en)

ELEVATOR DEVICE AND GUIDANCE DEVICE PROVIDED IN THE SAME

Title (de)

AUFZUGSVORRICHTUNG UND DARIN VORGESEHENE FÜHRUNGSVORRICHTUNG

Title (fr)

DISPOSITIF D'ASCENSEUR ET DISPOSITIF DE GUIDAGE PREVU DANS CELUI-CI

Publication

**EP 1985568 A4 20100901 (EN)**

Application

**EP 06713713 A 20060208**

Priority

JP 2006302572 W 20060208

Abstract (en)

[origin: EP1985568A1] In an elevator device (100), an elevator car (1) moves up and down along guide rails (6a-6d) arranged in a hoistway. The car has a guidance device or horizontal suspension (30) for allowing the car to move up and down along the guide rails. The horizontal suspension has pressing means (31) for pressing the guide rails, an actuator (34) capable of changing the pressing force of the pressing means (31), a controller (9) for the actuator, and an acceleration detector (5) for detecting a shake of the car. Markers (7a-7d) are arranged near joints between guide rails, and detection devices (8a, 8b) capable of detecting the markers are arranged on the car. The controller controls the pressing force of the horizontal suspension according to a signal from the detection devices.

IPC 8 full level

**B66B 1/06** (2006.01); **B66B 7/02** (2006.01); **B66B 7/04** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP)

**B66B 7/042** (2013.01); **B66B 7/046** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2007091335A1

Cited by

DE112014001217B4; WO2014141895A1; US9242837B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1985568 A1 20081029**; **EP 1985568 A4 20100901**; **EP 1985568 B1 20120815**; CN 101336202 A 20081231; CN 101336202 B 20100818; JP 4816649 B2 20111116; JP WO2007091335 A1 20090702; WO 2007091335 A1 20070816

DOCDB simple family (application)

**EP 06713713 A 20060208**; CN 200680051989 A 20060208; JP 2006302572 W 20060208; JP 2007557726 A 20060208