

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 A1 20081029 (EN)

Application

EP 06713713 A 20060208

Priority

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Abstract (en)

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

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CPC (source: EP)

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

Cited by

DE112014001217B4; WO2014141895A1; US9242837B2

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