

Title (en)
Compensation device

Title (de)
Kompensationseinrichtung

Title (fr)
Dispositif de compensation

Publication
EP 2014600 A1 20090114 (DE)

Application
EP 08008732 A 20080509

Previously filed application
102007025545 20070531 DE

Priority
DE 102007025545 A 20070531

Abstract (en)
The device has a controllable damping unit (3) for changing acceleration acting on a lift car floor (2) of a transportation unit e.g. building lift. A control unit controls the damping unit based on an operating condition of the transportation unit. The damping unit comprises an active processing device to compensate acceleration values. A measuring device determines a change of loading of the transportation unit and a signal that characterizes the operating condition. The damping unit has a damping element (4) that is provided with fluid in pipes, which communicates with each other. An independent claim is also included for a method for compensation of an acceleration value of a loadable lift car floor of a transportation unit.

Abstract (de)
Vorrichtung zur Kompensation eines Beschleunigungswertes eines beladbaren Fahrkorbfußbodens (2) eines Transportmittels, insbesondere einer Aufzugsanlage, wobei das Transportmittel zumindest einen Antrieb sowie einen Fahrkorb (1) mit einem Fahrkorbfußboden (2) aufweist.

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP)
B66B 11/0226 (2013.01)

Citation (applicant)
• US 5027924 A 19910702 - GUTMANN KARL [DE]
• JP H07215634 A 19950815 - HITACHI LTD, et al

Citation (search report)
• [XY] JP H07215634 A 19950815 - HITACHI LTD, et al
• [XY] US 5027925 A 19910702 - KAHKIPURO MATTI J [FI]
• [XA] US 2003226717 A1 20031211 - HUSMANN JOSEF [CH]
• [XA] JP H10245178 A 19980914 - TOSHIBA CORP
• [XA] JP 2001213580 A 20010807 - OTIS ELEVATOR CO
• [Y] EP 0776859 A2 19970604 - OTIS ELEVATOR CO [US]

Cited by
CN114455408A; CN108328452A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2014600 A1 20090114; EP 2014600 B1 20100818; AT E478029 T1 20100915; DE 102007025545 A1 20081204;
DE 502008001142 D1 20100930

DOCDB simple family (application)
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