

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASCENSEUR

Publication
EP 1932794 A4 20120905 (EN)

Application
EP 05790458 A 20051005

Priority
JP 2005018463 W 20051005

Abstract (en)
[origin: EP1932794A1] In an elevator apparatus, a weighing apparatus is used to detect live load in a car. The weighing apparatus has: a displacing member that is displaced in response to changes in the live load inside the car; and a plurality of displacement detecting portions that detect displacement of the displacing member and output a detection signal that corresponds to the live load. In other words, the weighing apparatus outputs a plurality of detection signals in response to mechanical displacement of a single displacing member.

IPC 8 full level
B66B 1/44 (2006.01); **B66B 1/34** (2006.01); **B66B 3/00** (2006.01); **B66B 5/14** (2006.01)

CPC (source: EP KR)
B66B 1/14 (2013.01 - KR); **B66B 1/24** (2013.01 - KR); **B66B 1/3484** (2013.01 - EP); **B66B 5/00** (2013.01 - KR)

Citation (search report)

- [XAY] GB 2267078 A 19931124 - MITSUBISHI ELECTRIC CORP [JP]
- [XAY] US 4793442 A 19881227 - HECKLER MARK K [CH], et al
- [Y] JP 2002338164 A 20021127 - HITACHI LTD
- [A] JP 2003221171 A 20030805 - HITACHI LTD, et al
- See references of WO 2007039932A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1932794 A1 20080618; **EP 1932794 A4 20120905**; CN 101035732 A 20070912; JP 5014788 B2 20120829; JP WO2007039932 A1 20090416; KR 100932582 B1 20091217; KR 20070083931 A 20070824; WO 2007039932 A1 20070412

DOCDB simple family (application)
EP 05790458 A 20051005; CN 200580033987 A 20051005; JP 2005018463 W 20051005; JP 2006526462 A 20051005; KR 20077010049 A 20051005