

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ELEVATEUR

Publication
EP 1460021 A4 20081112 (EN)

Application
EP 01978950 A 20011030

Priority
JP 0109515 W 20011030

Abstract (en)
[origin: EP1460021A1] Disclosed is an elevator apparatus having a car on which is mounted a vibration reducing device adapted to be engaged with a stationary portion in the hoistway when the car is at rest to attenuate vibration of the car. The vibration reducing device has a friction shoe to be pressed against a guide rail serving as the stationary portion and an electromagnetic actuator for bringing the friction shoe into and out of contact with the guide rail. <IMAGE>

IPC 1-7
B66B 11/02

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP KR)
B66B 7/04 (2013.01 - KR); **B66B 11/028** (2013.01 - EP)

Citation (search report)

- [XA] EP 1067084 A1 20010110 - INVENTIO AG [CH]
- See references of WO 03037773A1

Cited by
EP1705147A1; US2016355377A1; US10442662B2; EP2655233A4; WO2023017312A1

Designated contracting state (EPC)
CH DE LI

DOCDB simple family (publication)
EP 1460021 A1 20040922; EP 1460021 A4 20081112; CN 1482994 A 20040317; JP WO2003037773 A1 20050217;
KR 20040019269 A 20040305; WO 03037773 A1 20030508

DOCDB simple family (application)
EP 01978950 A 20011030; CN 01821230 A 20011030; JP 0109515 W 20011030; JP 2003533382 A 20011030; KR 20037008630 A 20030625