

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ELEVATEUR

Publication
EP 1460021 A1 20040922 (EN)

Application
EP 01978950 A 20011030

Priority
JP 0109515 W 20011030

Abstract (en)
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)

Cited by
EP1705147A1; US2016355377A1; US10442662B2; EP2655233A4; WO2023017312A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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