

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSEINRICHTUNG

Title (fr)
DISPOSITIF ASCENSEUR

Publication
EP 1424302 B1 20101027 (EN)

Application
EP 01949992 A 20010716

Priority
JP 0106133 W 20010716

Abstract (en)
[origin: EP1424302A1] An elevator system includes an elevator shaft having elevator halls and guide rails, a passenger car disposed within the elevator shaft so as to be moved up and down by means of a hoisting machine through the medium of ropes, being guided by the guide rails, and a vibration damping apparatus operatively coupled to a door opening/closing unit of the passenger car and so arranged as to operate in accompanying opening/closing operation of the car door for pressing a vibration damping member to the elevator shaft to thereby suppress shaking of the passenger car. <IMAGE>

IPC 8 full level
B66B 11/02 (2006.01); **B66B 13/06** (2006.01); **B66B 13/08** (2006.01)

CPC (source: EP KR)
B66B 11/0266 (2013.01 - EP); **B66B 13/06** (2013.01 - EP); **B66B 13/08** (2013.01 - EP); **B66B 13/24** (2013.01 - KR); **B66B 17/34** (2013.01 - EP)

Cited by
EP2607287A1; EP2607288A1; WO2014124838A1; WO2013092160A1; WO2013092159A1; CN103449282A; CN103998364A; AU2012358572B2; WO2013175001A1; WO2017017119A1; WO2016096764A1; WO2013175003A1; WO2017182383A1; US10427911B2; US10288135B2; US10501287B2; WO2016096763A1; US11834300B2

Designated contracting state (EPC)
CH DE LI

DOCDB simple family (publication)
EP 1424302 A1 20040602; **EP 1424302 A4 20100217**; **EP 1424302 B1 20101027**; **EP 1424302 B2 20150923**; CN 1264741 C 20060719; CN 1458901 A 20031126; DE 60143366 D1 20101209; JP 4975234 B2 20120711; JP WO2003008319 A1 20041104; KR 100520927 B1 20051017; KR 20030028842 A 20030410; WO 03008319 A1 20030130

DOCDB simple family (application)
EP 01949992 A 20010716; CN 01815691 A 20010716; DE 60143366 T 20010716; JP 0106133 W 20010716; JP 2002589148 A 20010716; KR 20037003717 A 20030313