

Title (en)

Device for attenuating vibrations on an elevator car

Title (de)

Einrichtung zur Schwingungsdämpfung für eine Aufzugskabine

Title (fr)

Dispositif pour atténuer les vibrations sur une cabine d'ascenseur

Publication

**EP 1342691 B1 20070103 (DE)**

Application

**EP 03003724 A 20030219**

Priority

- EP 03003724 A 20030219
- EP 02405174 A 20020307

Abstract (en)

[origin: EP1342691A1] The device uses accelerations measured by sensors (ac1-ac8) mounted on the frame (1-4) carrying the cabin body (5) to regulate at least one actuator between the frame and guide elements operating simultaneously with and opposite to the direction of the vibrations. A regulator is provided with which the shearing movements of the frame can be measured and regulated depending on the measurement signals.

IPC 8 full level

**B66B 1/06** (2006.01); **B66B 7/04** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP KR US)

**B66B 5/02** (2013.01 - KR); **B66B 7/046** (2013.01 - EP US); **B66B 11/028** (2013.01 - EP US)

Cited by

EP3000758A1; CN105460751A; US9624073B2

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

**EP 1342691 A1 20030910**; **EP 1342691 B1 20070103**; AT E350328 T1 20070115; AU 2003200817 A1 20030925; AU 2003200817 B2 20070823; BR 0300432 A 20040817; BR 0300432 B1 20110531; CA 2421162 A1 20030907; CA 2421162 C 20101109; CN 1201997 C 20050518; CN 1443702 A 20030924; DE 50306148 D1 20070215; HK 1058511 A1 20040521; JP 2003285980 A 20031007; JP 4413505 B2 20100210; KR 100935566 B1 20100107; KR 20030074217 A 20030919; MY 131485 A 20070830; SG 105570 A1 20040827; US 2003226717 A1 20031211; US 6959787 B2 20051101

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**EP 03003724 A 20030219**; AT 03003724 T 20030219; AU 2003200817 A 20030305; BR 0300432 A 20030307; CA 2421162 A 20030305; CN 03107068 A 20030305; DE 50306148 T 20030219; HK 04101324 A 20040225; JP 2003039297 A 20030218; KR 20030013630 A 20030305; MY PI20030717 A 20030228; SG 200301358 A 20030303; US 38318603 A 20030306