

Title (en)
ELEVATOR DEVICE

Title (de)
HUBVORRICHTUNG

Title (fr)
ELEVATEUR

Publication
EP 1407997 A4 20100217 (EN)

Application
EP 01948003 A 20010713

Priority
JP 0106079 W 20010713

Abstract (en)
[origin: EP1407997A1] An elevator device so designed that when a car (1) tries to lift/lower beyond predetermined limits in a shaft (10), the pulley (5) of a hoist (4) slips with respect to a traction rope (3). This ensures that even if the car tries to lift/lower beyond the predetermined limits in the shaft, such lifting/lowering beyond the predetermined limits is prevented, thus preventing such drawbacks as deformation and damage to the components of the device.

IPC 1-7
B66B 11/08; **B66B 7/06**

IPC 8 full level
B66B 5/02 (2006.01); **B66B 5/08** (2006.01); **B66B 5/12** (2006.01); **B66B 7/06** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP KR)
B66B 11/04 (2013.01 - KR); **B66B 15/02** (2013.01 - EP); **B66B 15/04** (2013.01 - EP)

Citation (search report)
• [XA] JP H08337372 A 19961224 - HITACHI LTD
• See references of WO 03008321A1

Cited by
SG129353A1

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 1407997 A1 20040414; **EP 1407997 A4 20100217**; **EP 1407997 B1 20111019**; CN 1206153 C 20050615; CN 1469838 A 20040121; JP 4862244 B2 20120125; JP WO2003008321 A1 20041104; KR 100535901 B1 20051209; KR 20030034246 A 20030501; WO 03008321 A1 20030130

DOCDB simple family (application)
EP 01948003 A 20010713; CN 01817523 A 20010713; JP 0106079 W 20010713; JP 2003513887 A 20010713; KR 20037004731 A 20030402