

Title (en)
ELEVATOR DEVICE AND CAR MOVEMENT LIMITING DEVICE THEREOF

Title (de)
AUFZUGSVORRICHTUNG UND ZUGEHÖRIGE VORRICHTUNG ZUR BEGRENZUNG DER KABINENBEWEGUNG

Title (fr)
DISPOSITIF ELEVATEUR ET DISPOSITIF DE LIMITATION DE MOUVEMENT DE L'AUTOMOBILE DE CELUI-CI

Publication
EP 1437320 A4 20050622 (EN)

Application
EP 01934433 A 20010530

Priority
JP 0104566 W 20010530

Abstract (en)
[origin: EP1437320A1] An elevator device, wherein a fixed member (21) is fixed to the inside of a hoistway, a movable member (23) engaged with the fixed member is mounted on a car (22), a switch device comprises first and second switches (26, 27), the first switch is closed when the movable member is set at a storage position and opened when set at an intermediate position or an engaged position, the second switch is opened when the movable member is set at a storage position or intermediate position and closed when set at an engaged position, and a control device (30) for controlling a drive device (29) stops the operation of the car when the movable member is detected to be set at the intermediate position in an on-car maintenance operation mode.

IPC 1-7
B66B 5/00

IPC 8 full level
B66B 5/00 (2006.01); **B66B 5/26** (2006.01); **B66B 17/34** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 5/005** (2013.01 - EP); **B66B 17/34** (2013.01 - EP)

Citation (search report)

- [A] JP S585914 A 19830113 - SUZUKI YOSHINORI
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16 8 May 2001 (2001-05-08)
- See references of WO 02098780A1

Cited by
EP2301881A1; LU92027B1; AU2006302758B2; EP1940716A4; US9556003B2; WO2013189993A1; US8875845B2; WO2007046742A1; EP3012217B1

Designated contracting state (EPC)
AT BE CH DE FR LI NL

DOCDB simple family (publication)
EP 1437320 A1 20040714; **EP 1437320 A4 20050622**; **EP 1437320 B1 20070110**; CN 1184127 C 20050112; CN 1444539 A 20030924; DE 60125990 D1 20070222; DE 60125990 T2 20071025; JP 4896370 B2 20120314; JP WO2002098780 A1 20040916; KR 100506476 B1 20050803; KR 20030018058 A 20030304; WO 02098780 A1 20021212

DOCDB simple family (application)
EP 01934433 A 20010530; CN 01813462 A 20010530; DE 60125990 T 20010530; JP 0104566 W 20010530; JP 2003501782 A 20010530; KR 20037000920 A 20030121