

Title (en)

BRAKE-RELEASING DEVICE FOR ELEVATOR HOIST AND METHOD OF OPERATING THE SAME

Title (de)

BREMSLÖSEVORRICHTUNG FÜR AUFZUGWINDE UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE DESSERRAGE DES FREINS DESTINE A UN APPAREIL DE LEVAGE D'ASCENSEUR ET PROCEDE DE MISE EN OEUVRE DE CE DISPOSITIF

Publication

**EP 1616831 A4 20070711 (EN)**

Application

**EP 04721634 A 20040318**

Priority

- JP 2004003632 W 20040318
- JP 2003105363 A 20030409

Abstract (en)

[origin: EP1616831A1] A brake release apparatus includes an outer tube 11 extending between a brake 102a of a hoist 102 and a storage box 20 disposed near an elevator hall 108, and an inner wire 12. An operation lever 40 connected to the inner wire 12 is rotatably disposed on a frame 30 in the storing box 20. The outer tube 11 is connected to the frame 30 through an outer tube securing shaft 35. The inner wire 12 has one end 12a connected to the operation lever 40 through an inner wire connecting shaft 46.

IPC 8 full level

**B66B 5/02** (2006.01)

CPC (source: EP KR)

**B66B 1/32** (2013.01 - KR); **B66B 5/02** (2013.01 - KR); **B66B 5/027** (2013.01 - EP)

Citation (search report)

- [XAY] WO 0230800 A1 20020418 - MITSUBISHI ELECTRIC CORP [JP]
- [XAY] DE 29615921 U1 19970227 - KONE OY [FI]
- [Y] GB 901389 A 19620718 - MORSE INSTR CO & EP 1329410 A1 20030723 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2004089801A1

Cited by

US11261056B2; US11667495B2

Designated contracting state (EPC)

DE FI FR GB

DOCDB simple family (publication)

**EP 1616831 A1 20060118**; **EP 1616831 A4 20070711**; **EP 1616831 B1 20110309**; CN 100408461 C 20080806; CN 1705611 A 20051207; DE 602004031720 D1 20110421; JP 2004307181 A 20041104; JP 4299043 B2 20090722; KR 100651006 B1 20061130; KR 20050067415 A 20050701; MY 137379 A 20090130; TW 200426104 A 20041201; TW I247720 B 20060121; WO 2004089801 A1 20041021

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