

Title (en)

ELEVATOR WITH DRIVE UNIT MOUNTED IN A SUPERIOR LATERAL SECTION OF THE ELEVATOR HOISTWAY

Title (de)

AUFZUG MIT IM AUFZUGSSCHACHT OBEN SEITLICH ANGEORDNETER ANTRIEBSEINHEIT

Title (fr)

ASCENSEUR COMPRENANT UNE UNITE D'ENTRAINEMENT MONTEE DANS UNE PARTIE LATERALE SUPERIEURE DE LA CAGE D'ASCENSEUR

Publication

**EP 1326797 B2 20091223 (DE)**

Application

**EP 01964790 A 20010914**

Priority

- EP 01964790 A 20010914
- CH 0100554 W 20010914
- EP 00810893 A 20000927

Abstract (en)

[origin: WO0226611A1] The invention relates to an elevator wherein the drive unit (13) is mounted in a superior lateral section of the elevator hoistway (1). Said drive unit (13) is located on a lateral wall (1.2) of the elevator hoistway (1) when seen from the hoistway door opening (7). A rope is guided via a drive disk (14) of the drive unit (13) that is mounted at right angles to the lateral wall (1.2). Said rope is guided via deflection sheaves (15, 16) of a support frame (3) of the elevator car (2) and via deflection sheaves (17, 18) of the counterweight (9) and serves as a support and drive rope for the elevator car (2) or the counterweight (9). The support frame (3) is configured as a backpack frame comprising an upright frame (3.1) guided by guide rails (4, 5) and a horizontal base frame (3.2) on which the elevator car (2) is mounted. When the elevator car (2) approaches the topmost landing (8), the upper part of the elevator car travels past the drive unit (13, 14).

IPC 8 full level

**B66B 11/00** (2006.01)

CPC (source: EP US)

**B66B 11/008** (2013.01 - EP US)

Citation (opposition)

Opponent :

- WO 0044664 A1 20000803 - KONE CORP [FI], et al
- EP 0970912 A2 20000112 - HITACHI LTD [JP], et al
- DE 19822909 A1 19991125 - RUD PREY GMBH AUFZUEGE UND FEU [DE]
- WO 9943589 A1 19990902 - OTIS ELEVATOR CO [US]
- WO 9943590 A1 19990902 - OTIS ELEVATOR CO [US]
- WO 9933742 A1 19990708 - INVENTIO AG [CH], et al
- EP 0890541 A1 19990113 - KONE OYJ KONE CORP [FI]
- JP H07117957 A 19950509 - MITSUBISHI ELECTRIC CORP
- EP 0905081 A2 19990331 - TOSHIBA KK [JP]

Cited by

EP1520831A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0226611 A1 20020404**; AR 030969 A1 20030903; AT E268307 T1 20040615; AU 2001285634 B2 20060914; AU 8563401 A 20020408; BR 0114189 A 20030722; BR 0114189 B1 20100309; CN 1197758 C 20050420; CN 1466540 A 20040107; DE 50102491 D1 20040708; DK 1326797 T3 20040830; DK 1326797 T4 20100406; EP 1326797 A1 20030716; EP 1326797 B1 20040602; EP 1326797 B2 20091223; ES 2220798 T3 20041216; ES 2220798 T5 20100512; MX PA03002669 A 20030624; TR 200402185 T4 20041021; US 2003159891 A1 20030828; US 6851519 B2 20050208

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