

Title (en)

Driving gear for an elevator and method for installing the driving gear

Title (de)

Antriebsmaschine für eine Aufzugsanlage und Verfahren zur Montage einer Antriebsmaschine

Title (fr)

Machine d'entraînement pour ascenseur et méthode d'installation pour l'entraînement

Publication

**EP 1400479 B1 20070418 (DE)**

Application

**EP 03019434 A 20030828**

Priority

- EP 03019434 A 20030828
- EP 02405768 A 20020905
- EP 03405297 A 20030429

Abstract (en)

[origin: US2004104079A1] An elevator installation includes a drive unit moving a car and a counterweight in an elevator shaft. The drive unit has a drive motor and a brake coupled to a drive shaft and mounted on a crossbeam in the elevator shaft or on the shaft ceiling. The drive unit has two spaced-apart drive zones and the drive motor is arranged to the left or the right of the two drive zones with the brake on the same side or the opposite side of the drive zones.

IPC 8 full level

**B66B 7/00** (2006.01); **B66B 11/08** (2006.01); **B66B 7/02** (2006.01); **B66B 11/00** (2006.01); **B66B 11/04** (2006.01); **B66F 1/00** (2006.01)

CPC (source: EP KR US)

**B66B 7/021** (2013.01 - EP US); **B66B 11/004** (2013.01 - EP US); **B66B 11/04** (2013.01 - KR); **B66B 11/043** (2013.01 - EP US); **Y10S 254/902** (2013.01 - EP US)

Cited by

DE102006046756A1; DE102004063130A1; DE102007018375A1; EP3170782A1; US7377366B2; WO2015132051A1; WO2017089203A1; US8839911B2; US10023436B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2004104079 A1 20040603; US 7681692 B2 20100323;** AR 041157 A1 20050504; AR 057236 A2 20071121; AR 062310 A2 20081029; AT E359980 T1 20070515; AU 2003244557 A1 20040325; AU 2003244557 B2 20081106; BR 0303450 A 20040908; BR 0303450 B1 20120110; BR PI0318760 B1 20150526; CA 2439189 A1 20040305; CA 2439189 C 20100525; CA 2695836 A1 20040305; CA 2695836 C 20131105; CL 2006003438 A1 20080111; CN 100351159 C 20071128; CN 1488566 A 20040414; CY 1106718 T1 20120523; DE 50307064 D1 20070531; DK 1400479 T3 20070730; EP 1400479 A2 20040324; EP 1400479 A3 20041103; EP 1400479 B1 20070418; EP 1621509 A2 20060201; EP 1621509 A3 20131009; EP 1621509 B1 20201007; EP 1741661 A2 20070110; EP 1741661 A3 20140827; EP 1741661 B1 20161026; ES 2286366 T3 20071201; ES 2831016 T3 20210607; IL 180964 A0 20070704; IL 180964 A 20101130; JP 2004262650 A 20040924; JP 2007126292 A 20070524; JP 4490660 B2 20100630; JP 4823079 B2 20111124; KR 101024226 B1 20110329; KR 20040022184 A 20040311; KR 20070006648 A 20070111; MX PA03007670 A 20041129; NO 20033908 D0 20030904; NO 20033908 L 20040308; NO 20070671 L 20040308; NO 330225 B1 20110307; PE 20040236 A1 20040607; PL 212200 B1 20120831; PL 212758 B1 20121130; PL 361941 A1 20040308; PL 393683 A1 20110606; PT 1400479 E 20070703; RU 2003127028 A 20050327; RU 2007105073 A 20080820; RU 2351529 C2 20090410; RU 2432313 C2 20111027; SG 119198 A1 20060228; SG 156526 A1 20091126; SI 1400479 T1 20070831; TW 200404732 A 20040401; TW 200716474 A 20070501; TW I306078 B 20090211; TW I324980 B 20100521; US 2007205057 A1 20070906; US 2010133047 A1 20100603; US 7757818 B2 20100720; US 8522927 B2 20130903

DOCDB simple family (application)

**US 65579003 A 20030905;** AR P030103218 A 20030904; AR P060105512 A 20061214; AR P070103531 A 20070809; AT 03019434 T 20030828; AU 2003244557 A 20030904; BR 0303450 A 20030903; BR 0318760 A 20030903; CA 2439189 A 20030902; CA 2695836 A 20030902; CL 2006003438 A 20061211; CN 03157725 A 20030828; CY 071100920 T 20070711; DE 50307064 T 20030828; DK 03019434 T 20030828; EP 03019434 A 20030828; EP 05108447 A 20030828; EP 06122473 A 20030828; ES 03019434 T 20030828; ES 05108447 T 20030828; IL 18096403 A 20030806; JP 2003298281 A 20030822; JP 2007007916 A 20070117; KR 20030061876 A 20030904; KR 20060130599 A 20061220; MX PA03007670 A 20030826; NO 20033908 A 20030904; NO 20070671 A 20070131; PE 2003000796 A 20030808; PL 36194103 A 20030902; PL 39368303 A 20030902; PT 03019434 T 20030828; RU 2003127028 A 20030904; RU 2007105073 A 20030904; SG 200304889 A 20030820; SG 2006090609 A 20030820; SI 200330848 T 20030828; TW 92123726 A 20030828; TW 95149777 A 20030828; US 70119810 A 20100205; US 74218907 A 20070430