

Title (en)

Positioning of a driving machine for elevators

Title (de)

Aufzugsanlage und Verfahren zur Anordnung einer Antriebsmaschine einer Aufzugsanlage

Title (fr)

Positionnement de machine d'entraînement d'ascenseur

Publication

**EP 1591404 A3 20070307 (DE)**

Application

**EP 05107200 A 20030828**

Priority

- EP 03019433 A 20030828
- EP 02405768 A 20020905
- EP 05107200 A 20030828

Abstract (en)

[origin: US2004108170A1] An elevator installation and a method of arranging a drive motor for moving a car and a counterweight in a shaft includes mounting the drive motor on a crossbeam fastened at end regions to a pair of counterweight guides and fastened at a center region to at least one car guide.

IPC 8 full level

**B66B 7/00** (2006.01); **B66B 11/00** (2006.01); **B66B 1/00** (2006.01); **B66B 7/02** (2006.01); **B66B 11/04** (2006.01); **B66B 11/08** (2006.01); **B66B 19/00** (2006.01)

CPC (source: EP KR US)

**B66B 7/021** (2013.01 - EP US); **B66B 11/004** (2013.01 - EP US); **B66B 11/0045** (2013.01 - EP US); **B66B 11/008** (2013.01 - EP US); **B66B 11/04** (2013.01 - KR); **B66B 19/005** (2013.01 - EP US)

Citation (search report)

- [X] US 2002070080 A1 20020613 - NAKAGAKI SHIGEO [JP], et al
- [A] WO 0127015 A1 20010419 - INVENTIO AG [CH], et al
- [A] EP 0905081 A2 19990331 - TOSHIBA KK [JP]

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DE202018103585U1; EP1577251A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**US 2004108170 A1 20040610**; AR 041156 A1 20050504; AT E326421 T1 20060615; AU 2003244558 A1 20040325; AU 2003244558 B2 20080717; BR 0303462 A 20040908; BR 0303462 B1 20110823; CA 2439181 A1 20040305; CN 1328144 C 20070725; CN 1488565 A 20040414; CN 1990373 A 20070704; CN 1990373 B 20121205; CY 1106143 T1 20110608; CY 1117496 T1 20170426; CY 1118298 T1 20170628; DE 50303348 D1 20060622; DK 1400477 T3 20060918; DK 1400477 T4 20120702; DK 1591404 T3 20160329; DK 1640308 T3 20161010; EP 1400477 A2 20040324; EP 1400477 A3 20041103; EP 1400477 B1 20060517; EP 1400477 B2 20120321; EP 1400477 B9 20060830; EP 1591404 A2 20051102; EP 1591404 A3 20070307; EP 1591404 B1 20151223; EP 1591404 B9 20160518; EP 1640308 A2 20060329; EP 1640308 A3 20070221; EP 1640308 B1 20160713; ES 2265541 T3 20070216; ES 2265541 T5 20120711; ES 2565435 T3 20160404; ES 2565435 T9 20160603; ES 2597379 T3 20170118; HK 1064355 A1 20050128; HK 1084932 A1 20060811; HK 1090014 A1 20061215; HU E027175 T2 20161028; HU E031357 T2 20170728; IL 157277 A0 20040219; IL 157277 A 20071203; IL 157278 A0 20040219; IL 157278 A 20090720; JP 2004262649 A 20040924; JP 2010228921 A 20101014; JP 4629963 B2 20110209; KR 101070206 B1 20111006; KR 20040022181 A 20040311; MX PA03007689 A 20040310; NO 20033909 D0 20030904; NO 20033909 L 20040308; NO 324849 B1 20071217; PE 20040235 A1 20040607; PL 211302 B1 20120531; PL 361942 A1 20040308; PT 1400477 E 20060929; PT 1640308 T 20161018; RU 2003127027 A 20050327; RU 2365536 C2 20090827; SG 111145 A1 20050530; SI 1400477 T1 20061031; SI 1400477 T2 20120731; SI 1591404 T1 20160429; TW 200406355 A 20040501; TW I306445 B 20090221; ZA 200306198 B 20040604; ZA 200306199 B 20040604

DOCDB simple family (application)

**US 65666503 A 20030905**; AR P030103217 A 20030904; AT 03019433 T 20030828; AU 2003244558 A 20030904; BR 0303462 A 20030905; CA 2439181 A 20030902; CN 03157724 A 20030828; CN 200710004416 A 20030828; CY 061101119 T 20060809; CY 161100190 T 20160304; CY 161100846 T 20160830; DE 50303348 T 20030828; DK 03019433 T 20030828; DK 05107200 T 20030828; DK 05112240 T 20030828; EP 03019433 A 20030828; EP 05107200 A 20030828; EP 05112240 A 20030828; ES 03019433 T 20030828; ES 05107200 T 20030828; ES 05112240 T 20030828; HK 04107245 A 20040921; HK 06105065 A 20060428; HK 06110500 A 20060921; HU E05107200 A 20030828; HU E05112240 A 20030828; IL 15727703 A 20030806; IL 15727803 A 20030806; JP 2003298280 A 20030822; JP 2010160224 A 20100715; KR 20030061777 A 20030904; MX PA03007689 A 20030827; NO 20033909 A 20030904; PE 2003000795 A 20030808; PL 36194203 A 20030902; PT 03019433 T 20030828; PT 05112240 T 20030828; RU 2003127027 A 20030904; SG 200304890 A 20030820; SI 200330375 T 20030828; SI 200332469 T 20030828; TW 92123725 A 20030828; ZA 200306198 A 20030811; ZA 200306199 A 20030811