

Title (en)

Positioning of a driving machine for elevators

Title (de)

Anordnung von Antriebsmaschine einer Aufzuganlage

Title (fr)

Positionnement de machine d'entraînement d'ascenseur

Publication

EP 1400477 B1 20060517 (DE)

Application

EP 03019433 A 20030828

Priority

- EP 03019433 A 20030828
- EP 02405768 A 20020905

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)

Cited by

CN103303765A; EP1621508A3; EP1627841A1; DE202008001786U1; US7185743B2; US7624847B2; US7665580B2; WO2017182256A1; US10745246B2; EP1886957A1; US7339297B2; EP2639194A1; EP2349901B1

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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

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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