Title (en)

System comprising traction means for moving an elevator car and corresponding traction means

Title (de)

Anlage mit Tragmittel zum Antreiben einer Aufzugskabine und entsprechendes Tragmittel

Title (fr)

Dispositif comprenant des moyens de traction pour déplacer une cabine d'ascenseur et moyens de traction correspondant

Publication

EP 1748016 A1 20070131 (DE)

Application

EP 06117644 A 20060721

Priority

- EP 06117644 A 20060721
- EP 05106804 A 20050725

Abstract (en)

The elevator system (10) has a suspension arrangement (13.1,13.2) and a driving pulley (16) for driving the suspension arrangement, whereby the suspension arrangement at least partly passes round the pulley. The suspension arrangement has a safety section (17) that causes the suspension arrangement to pass through by an interaction between the drive pulley and the safety section. Independent claims are also included for the following: (A) a supporting arrangement for an elevator system (B) and a method of providing overdrive protection.

IPC 8 full level

B66B 5/00 (2006.01); **B66B 1/48** (2006.01); **D07B 1/00** (2006.01)

CPC (source: EP KR US)

B66B 1/48 (2013.01 - EP US); **B66B 5/00** (2013.01 - EP KR US); **B66B 7/00** (2013.01 - KR); **B66B 7/06** (2013.01 - KR); **B66B 7/062** (2013.01 - EP US); **B66B 11/04** (2013.01 - KR); **D07B 1/16** (2013.01 - EP US); **D07B 5/006** (2015.07 - EP US); D07B 2501/2007 (2013.01 - EP US)

Citation (search report)

- [XA] WO 0183352 A2 20011108 - INVENTIO AG [CH], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 352 (M - 1631) 4 July 1994 (1994-07-04)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07 3 July 2003 (2003-07-03)

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EP2958843A4; DE202008001786U1; EP1886957A1

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 2007034452 A1 20070215; **US 7207420 B2 20070424**; AR 054177 A1 20070606; AT E502891 T1 20110415; AU 2006203139 A1 20070208; AU 2006203139 B2 20110818; BR PI0602455 A 20070313; CA 2553299 A1 20070125; CA 2553299 C 20131008; CN 100579885 C 20100113; CN 1903691 A 20070131; DE 502006009139 D1 20110505; EP 1748016 A1 20070131; EP 1748016 B1 20110323; ES 2363369 T3 20110802; HK 1103388 A1 20071221; JP 2007031149 A 20070208; KR 101270849 B1 20130605; KR 20070013247 A 20070130; MX PA06008176 A 20070124; MY 142343 A 20101115; NO 20063400 L 20070126; NZ 548720 A 20070928; PL 1748016 T3 20110831; SG 129353 A1 20070226; TW 200710013 A 20070316; ZA 200605012 B 20070926

DOCDB simple family (application)

US 45938606 A 20060724; AR P060103211 A 20060725; AT 06117644 T 20060721; AU 2006203139 A 20060724; BR PI0602455 A 20060629; CA 2553299 A 20060721; CN 200610107799 A 20060721; DE 502006009139 T 20060721; EP 06117644 A 20060721; ES 06117644 T 20060721; HK 07107708 A 20070718; JP 2006191213 A 20060712; KR 20060069920 A 20060725; MX PA06008176 A 20060719; MY PI20062731 A 20060612; NO 20063400 A 20060721; NZ 54872006 A 20060724; PL 06117644 T 20060721; SG 200603662 A 20060531; TW 95118991 A 20060529; ZA 200605012 A 20060619