Title (en)

LIFT SYSTEM

Title (de)

AUFZUGSANLAGE

Title (fr)

SYSTEME D'ASCENSEUR

Publication

EP 1706346 A1 20061004 (DE)

Application

EP 04804313 A 20041227

Priority

- EP 2004014723 W 20041227
- EP 04405008 A 20040106
- EP 04804313 A 20041227

Abstract (en)

[origin: EP1555234A1] The elevator has a drive engine (2) and a driving shaft (4.1) with a belt wrapped around for propelling a lift. The belt moves parallel in longitudinal direction of a load carrying unit and has two drive trains oriented in longitudinal direction of the load carrier. The total cross-section area of all drive trains is 25 per cent of a cross-section area of the load carrier. Ribs are formed of a wedge-shaped cross section with an angle of pressure from 60 to 120 degrees.

IPC 8 full level

B66B 7/06 (2006.01); **B66B 11/00** (2006.01); **D07B 1/16** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP US)

B66B 7/062 (2013.01 - EP US); D07B 1/22 (2013.01 - EP US); D07B 2201/2087 (2013.01 - EP US); D07B 2501/2007 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1555234 A1 20050720; **EP 1555234 B1 20060510**; AT E325771 T1 20060615; AT E458692 T1 20100315; AU 2004312154 A1 20050721; AU 2004312154 B2 20100304; BR PI0418358 A 20070508; CA 2552202 A1 20050721; CA 2552202 C 20120320; CN 1902119 A 20070124; CN 1902119 B 20100526; CY 1110542 T1 20150429; DE 502004000538 D1 20060614; DE 502004010825 D1 20100408; DK 1555234 T3 20060821; DK 1724226 T3 20100614; EP 1706346 A1 20061004; EP 1706346 B1 20121010; EP 1724226 A1 20061122; EP 1724226 B1 20100224; ES 2264105 T3 20061216; ES 2341276 T3 20100617; JP 2007517747 A 20070705; JP 4896738 B2 20120314; MX PA06007700 A 20060901; NO 20063575 L 20061006; NO 334078 B1 20131202; NZ 548565 A 20090925; PL 1724226 T3 20100730; PT 1555234 E 20060831; PT 1724226 E 20100521; SI 1724226 T1 20100730; US 2007084671 A1 20070419; US 2009166132 A1 20090702; US 7757817 B2 20100720; US 8550216 B2 20131008; WO 2005066060 A1 20050721; ZA 200606452 B 20080108

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EP 04405008 A 20040106; AT 04405008 T 20040106; AT 06118333 T 20041227; AU 2004312154 A 20041227; BR PI0418358 A 20041227; CA 2552202 A 20041227; CN 200480039990 A 20041227; CY 101100460 T 20100521; DE 502004000538 T 20040106; DE 502004010825 T 20041227; DK 04405008 T 20040106; DK 06118333 T 20041227; EP 04804313 A 20041227; EP 06118333 A 20041227; EP 2004014723 W 20041227; ES 04405008 T 20040106; ES 06118333 T 20041227; JP 2006548169 A 20041227; MX PA06007700 A 20041227; NO 20063575 A 20060807; NZ 54856504 A 20041227; PL 06118333 T 20041227; PT 04405008 T 20040106; PT 06118333 T 20041227; SI 200431417 T 20041227; US 40302609 A 20090312; US 58556304 A 20041227; ZA 200606452 A 20060803