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)
See references of WO 2005066060A1

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 MC NL PL PT RO SE SI SK TR

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

DOCDB simple family (application)
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