

Title (en)
Elevator

Title (de)
Aufzugsanlage

Title (fr)
Ascenseur

Publication
EP 1724226 A1 20061122 (DE)

Application
EP 06118333 A 20041227

Priority
• EP 04804313 A 20041227
• EP 04405008 A 20040106
• EP 06118333 A 20041227

Abstract (en)
Lift comprising a drive unit that drives a lift car by means of a drive belt running over a pulley comprises a drive belt (12.1) that has parallel longitudinal ribs (20.1) of wedge-shaped or trapezoidal cross-section on the side facing the pulley and cables (22) distributed over the width of the belt so that there is the same number of cables for each rib, the outer cable of each rib being located within the perpendicular projection (P) of a flank of the rib.

IPC 8 full level
B66B 7/06 (2006.01); **B66B 11/00** (2006.01); **D07B 1/16** (2006.01); **D07B 1/22** (2006.01)

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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)
• [XA] WO 03043926 A1 20030530 - INVENTIO AG [CH], et al
• [XP] EP 1396458 A2 20040310 - CONTITECH ANTRIEBSSYSTEME GMBH [DE]
• [A] US 2003121729 A1 20030703 - HEINZ GUENTHER [DE], et al
• [A] EP 0011986 A1 19800611 - MITSUBOSHI BELTING LTD [JP]
• [A] EP 0349434 A1 19900103 - HUTCHINSON [FR]

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

Designated extension state (EPC)
AL BA HR MK YU

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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