

Title (en)
Elevator system

Title (de)
Aufzugsanlage

Title (fr)
Système d'ascenseur

Publication
EP 1700809 B1 20100428 (DE)

Application
EP 05005444 A 20050312

Priority
EP 05005444 A 20050312

Abstract (en)
[origin: EP1700809A1] The elevator system (10) has several elevator cars in a shaft whereby underneath the first elevator car (12), a second elevator car (14) is arranged. Gears (28,44) with a traction sheave (22,41) as well as a cable strand (18,30,31), guided by the traction sheave arranged at each elevator car. A rope guide device is provided, which evenly loads the two cable strands of the second elevator car.

IPC 8 full level
B66B 1/14 (2006.01); **B66B 9/00** (2006.01)

CPC (source: EP KR US)
B66B 1/14 (2013.01 - KR); **B66B 9/00** (2013.01 - EP KR US)

Cited by
EP1935826A1; EP1935827A1; EP1918238A1; EP1935823A1; US7661513B2; US7857104B2; EP2712834A1; US7762376B2; US7857103B2; TWI398397B; TWI386359B; EP1935823B2

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 1700809 A1 20060913; EP 1700809 B1 20100428; AT E465967 T1 20100515; BR PI0520121 A2 20090422; CN 101142132 A 20080312; CN 101142132 B 20110413; DE 502005009483 D1 20100610; ES 2341550 T3 20100622; JP 2008532881 A 20080821; JP 5028403 B2 20120919; KR 100971519 B1 20100721; KR 20070106769 A 20071105; MX 2007011134 A 20071023; RU 2007137629 A 20090420; RU 2412894 C2 20110227; TW 200702280 A 20070116; TW I295272 B 20080401; US 2008060881 A1 20080313; US 7753174 B2 20100713; WO 2006097140 A1 20060921

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