

Title (en)
Cable car system

Title (de)
Seilbahnanlage

Title (fr)
Installation de transport par câble

Publication
EP 2441638 B1 20140416 (DE)

Application
EP 11450100 A 20110811

Priority
AT 17292010 A 20101018

Abstract (en)
[origin: EP2441638A1] The system has a hoisting cable (20) guided into both end stations of the system via a deflection roller (2). Acceleration tires (53) are coupled at the cable. A carrier roller (6a) for the cable drives deceleration tires (51), conveying tires (52) and the acceleration tires. Drive of the tires is deflected from the cable by the carrier roller using a drive belt. The carrier roller is elastically mounted at a supporting pin. The acceleration tires increase speed of vehicles (3) e.g. cars. Guide rails (4) are longitudinally guided through the stations by a carriage (31).

IPC 8 full level
B61B 12/02 (2006.01); **B61B 12/04** (2006.01); **B61B 12/10** (2006.01)

CPC (source: EP KR US)
B61B 12/022 (2013.01 - EP KR US); **B61B 12/04** (2013.01 - EP KR US); **B61B 12/105** (2013.01 - EP US)

Cited by
EP2708433A1; CN106335514A; FR3049547A1; AT515733A1; AT515733B1; RU2598488C2; US11518418B2; WO2019076687A1; WO2017174933A3; US9193360B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2441638 A1 20120418; EP 2441638 B1 20140416; AT 12625 U1 20120915; AU 2011226875 A1 20120503; AU 2011226875 B2 20140417; CA 2754872 A1 20120418; CA 2754872 C 20141118; CN 102452399 A 20120516; CN 102452399 B 20150429; ES 2462592 T3 20140526; HR P20140448 T1 20140620; JP 2012086835 A 20120510; JP 5652737 B2 20150114; KR 101462714 B1 20141117; KR 20120040094 A 20120426; NZ 595107 A 20120629; PL 2441638 T3 20140731; RU 2011136938 A 20130320; RU 2518545 C2 20140610; SI 2441638 T1 20140630; US 2012090494 A1 20120419; US 8359980 B2 20130129

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EP 11450100 A 20110811; AT 81032011 U 20101018; AU 2011226875 A 20110926; CA 2754872 A 20111007; CN 201110304364 A 20111010; ES 11450100 T 20110811; HR P20140448 T 20140520; JP 2011220227 A 20111004; KR 20110084482 A 20110824; NZ 59510711 A 20110909; PL 11450100 T 20110811; RU 2011136938 A 20110906; SI 201130147 T 20110811; US 201113211352 A 20110817