

Title (en)
Cable car system

Title (de)
Seilbahnanlage

Title (fr)
Installation de téléphérique

Publication
EP 2420424 B1 20140430 (DE)

Application
EP 11450098 A 20110804

Priority
AT 13902010 A 20100819

Abstract (en)
[origin: EP2420424A1] The system has a traction cable (20) guided into end stations of the system over a deflection roller (2). Vehicles (3) e.g. cabins or chairs, are moved in the stations by a delay tire (51), a conveying tire (52) and an acceleration tire (53) coupled to a driver by a transmission. The vehicles are formed with a clamping device and a carriage (31). Speed of the vehicles is increased by the acceleration tire. The tires are driven by a tension roller (6a) present in the stations. The tires are driven by the traction cable over the tension roller that is adjustable in a vertical direction.

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

CPC (source: EP KR US)
B61B 7/04 (2013.01 - KR); **B61B 12/02** (2013.01 - KR); **B61B 12/022** (2013.01 - EP US); **B61B 12/10** (2013.01 - KR);
B61B 12/105 (2013.01 - EP US)

Citation (examination)
EP 1832488 A2 20070912 - POMAGALSKI SA [FR]

Cited by
WO2015154106A1; CN104512425A; AT515733A1; AT515733B1; AU2014390653B2; RU2653648C1; US10112624B2

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 2420424 A1 20120222; EP 2420424 B1 20140430; AT 12422 U1 20120515; AU 2011204977 A1 20120308; AU 2011204977 B2 20140417; CA 2743623 A1 20120219; CA 2743623 C 20150407; CN 102372005 A 20120314; CN 102372005 B 20160113; ES 2471640 T3 20140626; HR P20140491 T1 20140704; JP 2012041037 A 20120301; JP 5933937 B2 20160615; KR 101446380 B1 20141001; KR 20120018056 A 20120229; NZ 592922 A 20120831; PL 2420424 T3 20140829; RU 2011122504 A 20121210; RU 2518544 C2 20140610; SI 2420424 T1 20140630; US 2012042803 A1 20120223; US 8522689 B2 20130903

DOCDB simple family (application)
EP 11450098 A 20110804; AT 80802011 U 20110907; AU 2011204977 A 20110726; CA 2743623 A 20110615; CN 201110183258 A 20110630; ES 11450098 T 20110804; HR P20140491 T 20140529; JP 2011139389 A 20110623; KR 20110049672 A 20110525; NZ 59292211 A 20110520; PL 11450098 T 20110804; RU 2011122504 A 20110602; SI 201130158 T 20110804; US 201113161025 A 20110615