

Title (en)

Assembly for transporting persons from a mountain station to a valley station

Title (de)

Anlage zum Abfahren von Personen von einer Bergstation in eine Talstation

Title (fr)

Installation destinée à transporter des personnes d'une station de montagne vers une station de vallée

Publication

**EP 2130972 A3 20130109 (DE)**

Application

**EP 09450097 A 20090507**

Priority

AT 8852008 A 20080602

Abstract (en)

[origin: EP2130972A2] The installation has a supporting rail, and a running rail (1) e.g. car, fastened on the supporting rail at a distance from ground. The running rail has a set of sub-rails (4) connected to one another at joints (5) and along which carriages are displaced. The sub-rails are elevated in relation to a central region of the sub-rails, in a region of the joints. The sub-rails are curved such that the curvature profile creates an elevation. A wedge-shaped gap is formed above a joint axis in a non-loaded state of the joint. The joint axis is located halfway up the sub-rails.

IPC 8 full level

**E01B 25/24** (2006.01); **B61B 3/00** (2006.01); **B61B 12/02** (2006.01)

CPC (source: EP US)

**B61B 12/02** (2013.01 - EP US); **E01B 25/24** (2013.01 - EP US)

Citation (search report)

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- [A] EP 1238879 A2 20020911 - INNOVA PATENT GMBH [AT]
- [AD] AT 410306 B 20030325 - INNOVA PATENT GMBH [AT]
- [A] EP 1174323 A2 20020123 - INNOVA PATENT GMBH [AT]
- [A] DE 1011447 B 19570704 - WILHELM GRUBE
- [A] US 3858520 A 19750107 - PATIN PIERRE
- [A] DE 4310904 A1 19941006 - RUPPMANN OTTO [DE]
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Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2130972 A2 20091209; EP 2130972 A3 20130109**; AR 071712 A1 20100707; AT 506915 A1 20091215; AT 506915 B1 20100315; AU 2009202164 A1 20091217; BR PI0901761 A2 20100413; CA 2666128 A1 20091202; CA 2666128 C 20140225; CN 101596906 A 20091209; CN 101596906 B 20150729; JP 2010001009 A 20100107; JP 5370998 B2 20131218; NZ 577025 A 20100930; RU 2009120739 A 20101210; RU 2497700 C2 20131110; SA 109300338 B1 20131210; US 2009293757 A1 20091203; US 8171857 B2 20120508

DOCDB simple family (application)

**EP 09450097 A 20090507**; AR P090101703 A 20090512; AT 8852008 A 20080602; AU 2009202164 A 20090601; BR PI0901761 A 20090529; CA 2666128 A 20090519; CN 200910143699 A 20090602; JP 2009117557 A 20090514; NZ 57702509 A 20090515; RU 2009120739 A 20090601; SA 109300338 A 20090530; US 47638409 A 20090602