

Title (en)

Rope railway system with a support and haulage cable and with coupled vehicles formed by cabins and chairs

Title (de)

Seilbahnanlage mit einem Trag- und Förderseil und durch Kabinen und durch Sessel gebildeten ankuppelbaren Fahrbetriebsmitteln

Title (fr)

Installation de téléphérage à câble porteur-tracteur avec des cabines et des sièges comme véhicules débrayables

Publication

EP 1424257 B1 20050413 (DE)

Application

EP 03450055 A 20030227

Priority

AT 10632002 A 20020716

Abstract (en)

[origin: US2004011240A1] An aerial cableway system has at least one load-bearing and conveying cable that is moved between a valley station and a mountain station, which is guided over deflection pulleys in the stations, and transportation devices that can be coupled to the load-bearing and conveying cable and that are formed by cabins and by chairs. The cabins and chairs can be uncoupled from the conveying cable in the stations, moved along guide rails through entry and exit regions located in the stations, and then once more coupled to the conveying cable. The entry and exit regions provided in the stations are respectively subdivided into two mutually separate sectors which follow each other in the direction of movement. A first sector is intended for the users of the cabins and a second sector is provided for the users of the chairs.

IPC 1-7

B61B 7/04; **B61B 12/02**

IPC 8 full level

B61B 12/00 (2006.01); **B61B 1/02** (2006.01); **B61B 11/00** (2006.01); **B61B 12/02** (2006.01)

CPC (source: EP US)

B61B 1/02 (2013.01 - EP US); **B61B 12/022** (2013.01 - EP US)

Cited by

EP1849674A1; CN115151471A; EP1980466A1; WO2021170598A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

US 2004011240 A1 20040122; **US 6729241 B2 20040504**; AU 2003204309 A1 20040205; AU 2003204309 B2 20080904; CA 2430093 A1 20040116; CA 2430093 C 20080318; CN 100410117 C 20080813; CN 1330522 C 20070808; CN 1468766 A 20040121; CN 1931645 A 20070321; DE 50300440 D1 20050519; EP 1424257 A1 20040602; EP 1424257 B1 20050413; ES 2237743 T3 20050801; JP 2004051086 A 20040219; NZ 525867 A 20040924

DOCDB simple family (application)

US 43973703 A 20030516; AU 2003204309 A 20030522; CA 2430093 A 20030523; CN 03137841 A 20030526; CN 200610136168 A 20030526; DE 50300440 T 20030227; EP 03450055 A 20030227; ES 03450055 T 20030227; JP 2003143653 A 20030521; NZ 52586703 A 20030514