

Title (en)

CABLE CAR INSTALLATION COMPRISING A RELAY STRUCTURE BETWEEN TWO CABLE LOOPS

Title (de)

SEILBAHNANLAGE, DIE EINE RELAISSTRUKTUR ZWISCHEN ZWEI KABELSCHLAUFEN UMFASST

Title (fr)

INSTALLATION DE TÉLÉPÉRAGE COMPORTANT UNE STRUCTURE DE RELAIS ENTRE DEUX BOUCLES DE CÂBLE

Publication

**EP 3770036 C0 20230607 (FR)**

Application

**EP 20185237 A 20200710**

Priority

FR 1908367 A 20190723

Abstract (en)

[origin: CA3091372A1] The invention relates to a cableway installation for transporting persons by disengageable vehicles and carrying cable (1) comprising: a first station (1a) equipped with a first end pulley (101), a second station (1b) equipped with a second end pulley (102), a relay structure (2) equipped with a first idler pulley (110) and a second idler pulley (120), a first cable loop (11) engaged with the first end pulley (101) and the first idler pulley (110), and a second cable loop (12) engaged with the second end pulley (102) and the second idler pulley (120). The relay structure (2) comprises a transfer system (20) for transferring vehicles between the first cable loop (11) and the second cable loop (12) and a fixed guiding track (22) supporting a structure (21) translationally moveable with respect to the fixed guiding track, the moveable structure (21) bearing the first idler pulley (110), the second idler pulley (120) and embarking the vehicle transfer system (20).

IPC 8 full level

**B61B 7/04** (2006.01); **B61B 1/00** (2006.01); **B61B 12/00** (2006.01)

CPC (source: CN EP KR US)

**B61B 1/00** (2013.01 - EP US); **B61B 7/00** (2013.01 - CN US); **B61B 7/04** (2013.01 - EP KR US); **B61B 12/00** (2013.01 - CN US); **B61B 12/005** (2013.01 - CN); **B61B 12/007** (2013.01 - EP US); **B61B 12/022** (2013.01 - KR US); **B61B 13/12** (2013.01 - US); **B61B 12/026** (2013.01 - US)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**EP 3770036 A1 20210127**; **EP 3770036 B1 20230607**; **EP 3770036 C0 20230607**; CA 3091372 A1 20210123; CN 112277972 A 20210129; CN 112277972 B 20240510; CO 2020008974 A1 20201030; FR 3099117 A1 20210129; FR 3099117 B1 20210716; JP 2021017238 A 20210215; KR 20210011893 A 20210202; RU 2020123941 A 20220120; US 11661092 B2 20230530; US 2021245788 A1 20210812

DOCDB simple family (application)

**EP 20185237 A 20200710**; CA 3091372 A 20200827; CN 202010717085 A 20200723; CO 2020008974 A 20200722; FR 1908367 A 20190723; JP 2020121025 A 20200715; KR 20200090901 A 20200722; RU 2020123941 A 20200720; US 202017025984 A 20200918