

Title (en)

CABLE DERAILING PREVENTION DEVICE FOR CARRIER/TRACTION CABLES OF CABLE CAR SYSTEMS

Title (de)

SEILENTGLEISUNGSSCHUTZVORRICHTUNG FÜR TRAG-/ZUGSEILE VON SEILBAHNANLAGEN

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LE DERAILLEMENT POUR DES CABLES PORTEURS/TRACTEURS DE SYSTEMES DE TELEPHERIQUE

Publication

EP 1928721 B1 20100609 (DE)

Application

EP 06795475 A 20060913

Priority

- IB 2006002512 W 20060913
- IT BZ20050051 A 20050929

Abstract (en)

[origin: WO2007036776A1] The invention relates to a cable derailing prevention device for carrier/traction cables of cable car systems in an installation (1), comprising: a carrier/traction cable (2); a multitude of rollers (3), which flank a coupling rail and are located at the exit from the station; a multitude of clamps (4) from which the driving means are suspended; at least one roller (5) that has a couple and clamp and supports the cable (2), and; a support roller or hold-down roller battery (β) according to the cable guide (2), the coupling rail forming a coupling area between the cable (2) and the clamps (4). According to the invention, an aligning device (11) is mounted in front of the coupling area of the clamps (4) on the cable before the coupling rail and limits the deviation of the cable (2) due to a derailing on the roller battery (β) so that the cable (2) is always located inside the opening (12) of the clamp (4).

IPC 8 full level

B61B 12/06 (2006.01)

CPC (source: EP US)

B61B 12/06 (2013.01 - EP US)

Cited by

CN102910176A

Designated contracting state (EPC)

AT CH DE ES FR IT LI

DOCDB simple family (publication)

WO 2007036776 A1 20070405; AT E470611 T1 20100615; CN 101351371 A 20090121; CN 101351371 B 20110112; DE 502006007190 D1 20100722; EP 1928721 A1 20080611; EP 1928721 B1 20100609; ES 2347279 T3 20101027; IT BZ20050051 A1 20070330; US 2009165666 A1 20090702; US 7891300 B2 20110222

DOCDB simple family (application)

IB 2006002512 W 20060913; AT 06795475 T 20060913; CN 200680043704 A 20060913; DE 502006007190 T 20060913; EP 06795475 A 20060913; ES 06795475 T 20060913; IT BZ20050051 A 20050929; US 8854006 A 20060913