

Title (en)

DEVICE FOR COUPLING A VEHICLE TO A TRACTION CABLE, VEHICLE PROVIDED WITH SUCH A DEVICE, AND TRACTION CABLE TRANSPORT APPARATUS INCLUDING SUCH A VEHICLE

Title (de)

VORRICHTUNG ZUR KOPPLUNG EINES FAHRZEUGS AN EIN ZUGSEIL, FAHRZEUG MIT SOLCH EINER VORRICHTUNG UND ZUGSEILTRANSPORTVORRICHTUNG MIT SOLCH EINEM FAHRZEUG

Title (fr)

DISPOSITIF D'ACCOUPLEMENT D'UN VÉHICULE À UN CÂBLE TRACTEUR, VÉHICULE ÉQUIPÉ D'UN TEL DISPOSITIF, ET INSTALLATION DE TRANSPORT PAR CÂBLE TRACTEUR COMPRENANT UN TEL VÉHICULE

Publication

EP 3307599 A1 20180418 (FR)

Application

EP 16741072 A 20160610

Priority

- FR 1555375 A 20150612
- FR 2016051414 W 20160610

Abstract (en)

[origin: WO2016198805A1] The invention relates to a device for coupling a vehicle to a traction cable (2). Said device includes a fastening (16) designed to couple the vehicle to the traction cable (2). The fastening (16) comprises at least two rotatable elements (17 to 20) designed to occupy a coupling position (F) in which said at least two rotatable elements (17 to 20) are in contact with the traction cable (2) and the vehicle is coupled to the traction cable (2). The device includes a control means (31) designed to change a rotational speed of said at least two rotatable elements (17 to 20) when said at least two rotatable elements (17 to 20) are in the coupling position (F), such that the vehicle moves relative to the traction cable (2).

IPC 8 full level

B61B 12/12 (2006.01)

CPC (source: CN EP KR RU US)

B61B 7/04 (2013.01 - KR US); **B61B 12/10** (2013.01 - US); **B61B 12/12** (2013.01 - CN EP RU US); **B61B 12/122** (2013.01 - KR US); **B61B 12/127** (2013.01 - US); **B61B 13/125** (2013.01 - US); **B61B 9/00** (2013.01 - US); **B61C 17/00** (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016198805 A1 20161215; CN 107709128 A 20180216; EP 3307599 A1 20180418; EP 3307599 B1 20210310; ES 2866168 T3 20211019; FR 3037304 A1 20161216; FR 3037304 B1 20180727; KR 102549651 B1 20230629; KR 20180016400 A 20180214; PL 3307599 T3 20210913; RU 2675949 C1 20181225; US 10864924 B2 20201215; US 2018194371 A1 20180712

DOCDB simple family (application)

FR 2016051414 W 20160610; CN 201680033937 A 20160610; EP 16741072 A 20160610; ES 16741072 T 20160610; FR 1555375 A 20150612; KR 20177035442 A 20160610; PL 16741072 T 20160610; RU 2018100680 A 20160610; US 201615739472 A 20160610