

Title (en)

BATTERY POWERED ELECTRIC SEMI-TRAILER FOR ISO-CONTAINER

Title (de)

BATTERIE-ELEKTRISCHER SATTELZUG FÜR ISO-CONTAINERTRANSPORT

Title (fr)

SEMI-REMORQUE ÉLECTRIQUE POUR ISO-CONTAINER AVEC BATTERIE DE TRACTION

Publication

EP 2897853 A1 20150729 (DE)

Application

EP 13765683 A 20130913

Priority

- DE 102012108768 A 20120918
- EP 2013069025 W 20130913

Abstract (en)

[origin: WO2014044613A1] The invention relates to a trailer truck (1) for the transport of ISO containers (12), comprising a traction machine (1a) and a semi-trailer (1b) that can be coupled thereto, at least one electric drive motor (9) which is arranged in the traction machine (1a) and is supplied with energy by a battery (8) disposed in the trailer truck. In order to provide an improved fully electric loading and unloading plant device, it is proposed that the battery (8) is disposed in the traction machine (1a), that the battery (8) is detachably connected to the traction machine (1a) for charging the battery (8) outside of the traction machine (1) and that it can be displaced in and out of the traction machine (1a) and is replaceable by a charged battery (8).

IPC 8 full level

B62D 53/06 (2006.01); **B60K 1/04** (2006.01)

CPC (source: EP US)

B60K 1/04 (2013.01 - EP US); **B60L 53/80** (2019.01 - EP US); **B60K 2001/0416** (2013.01 - EP); **B60K 2001/0438** (2013.01 - EP); **B60K 2001/0444** (2013.01 - EP); **B60K 2001/0461** (2013.01 - EP); **B60L 2200/36** (2013.01 - EP); **B60L 2200/46** (2013.01 - EP); **B60Y 2200/142** (2013.01 - EP); **B60Y 2200/145** (2013.01 - EP); **B60Y 2200/148** (2013.01 - EP); **B60Y 2200/91** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP)

Citation (search report)

See references of WO 2014044613A1

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)

DE 102012108768 A1 20140320; EP 2897853 A1 20150729; WO 2014044613 A1 20140327

DOCDB simple family (application)

DE 102012108768 A 20120918; EP 13765683 A 20130913; EP 2013069025 W 20130913