

Title (en)

BATTERY UNIT FOR A VEHICLE WITH A SEPARATE COMMUNICATION UNIT

Title (de)

BATTERIEEINHEIT FÜR EIN FAHRZEUG MIT SEPARATER KOMMUNIKATIONSEINHEIT

Title (fr)

ENSEMBLE BATTERIE CONÇU POUR UN VÉHICULE COMPRENANT UNE UNITÉ DE COMMUNICATION SÉPARÉE

Publication

EP 3545582 A1 20191002 (DE)

Application

EP 17797133 A 20171108

Priority

- DE 102016223154 A 20161123
- EP 2017078519 W 20171108

Abstract (en)

[origin: WO2018095725A1] The invention relates to a battery unit (10) for use on an on-board power system (50) of a motor vehicle, comprising a battery module (20) and a battery management system (40) for monitoring and regulating the battery module (20). In this context, a communication unit (30) is detachably connected to the battery management system (40), which communication unit (30) has a receiver unit for receiving data from the battery management system (40), a conversion unit for converting the data received by the battery management system (40), and a transmission unit for transmitting converted data to a control device of the motor vehicle.

IPC 8 full level

H01M 10/42 (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP US)

H01M 10/425 (2013.01 - US); **H01M 10/4257** (2013.01 - EP); **H02J 7/00036** (2020.01 - EP US); **H02J 7/00047** (2020.01 - EP); **H01M 2010/4271** (2013.01 - US); **H01M 2010/4278** (2013.01 - US); **H01M 2220/20** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2018095725A1

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 102016223154 A1 20180524; CN 109964360 A 20190702; EP 3545582 A1 20191002; US 2021111438 A1 20210415; WO 2018095725 A1 20180531

DOCDB simple family (application)

DE 102016223154 A 20161123; CN 201780072233 A 20171108; EP 17797133 A 20171108; EP 2017078519 W 20171108; US 201716463414 A 20171108