

Title (en)

DEVICE AND METHOD FOR OPERATING AN ENERGY STORAGE ARRANGEMENT OF A MOTOR VEHICLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER ENERGIESPEICHERANORDNUNG EINES KRAFTFAHRZEUGES

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME D'ACCUMULATION D'ÉNERGIE D'UN VÉHICULE AUTOMOBILE

Publication

EP 2991850 A2 20160309 (DE)

Application

EP 14715257 A 20140331

Priority

- DE 102013208078 A 20130502
- EP 2014056447 W 20140331

Abstract (en)

[origin: WO2014177332A2] The invention relates to a device (100) for operating an energy storage arrangement (2) of a motor vehicle (1), comprising a first charging device (110) with a generator device (111) which can be driven by an internal combustion engine (113) of the motor vehicle (1) via an electrically switchable coupling device (112), said first charging device (110) being designed to charge at least one electric energy store (3) of the energy storage arrangement (2) of the motor vehicle (1); comprising a second charging device (140) which is designed to charge at least one electric energy store (3) of the energy storage arrangement (2) of the motor vehicle (1) from an extravehicular electric energy supply device (150); comprising a detecting device (120) which is designed to detect at least one operating parameter of the motor vehicle (1); and comprising a control device (130) which is coupled to the first charging device (110), the second charging device (140), and the detecting device (120) and which is designed to control the first charging device (110) and the second charging device (140) using the at least one operating parameter.

IPC 8 full level

B60L 11/18 (2006.01); **B60K 6/00** (2006.01); **B60L 1/00** (2006.01); **B60L 50/10** (2019.01); **B60L 50/15** (2019.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/24** (2006.01); **B60W 10/26** (2006.01)

CPC (source: EP US)

B60L 1/003 (2013.01 - EP US); **B60L 1/14** (2013.01 - EP US); **B60L 3/12** (2013.01 - EP US); **B60L 15/007** (2013.01 - US); **B60L 15/20** (2013.01 - EP US); **B60L 15/2054** (2013.01 - EP US); **B60L 50/10** (2019.01 - EP US); **B60L 50/62** (2019.01 - EP US); **B60L 50/66** (2019.01 - EP US); **B60L 53/14** (2019.01 - EP US); **B60L 53/18** (2019.01 - EP US); **B60L 53/31** (2019.01 - EP US); **B60L 58/15** (2019.01 - EP US); **B60L 58/21** (2019.01 - EP US); **B60R 16/033** (2013.01 - US); **B60W 10/02** (2013.01 - EP US); **B60W 10/26** (2013.01 - EP US); **B60W 20/13** (2016.01 - EP US); **B60L 2210/30** (2013.01 - EP US); **B60L 2240/507** (2013.01 - EP US); **B60L 2240/547** (2013.01 - EP US); **B60L 2240/549** (2013.01 - EP US); **B60L 2260/26** (2013.01 - EP US); **B60L 2270/12** (2013.01 - EP US); **B60Y 2400/214** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US); **Y02T 10/64** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 10/72** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - EP US); **Y02T 90/16** (2013.01 - US)

Citation (search report)

See references of WO 2014177332A2

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 102013208078 A1 20141106; EP 2991850 A2 20160309; US 2016159298 A1 20160609; WO 2014177332 A2 20141106; WO 2014177332 A3 20150409

DOCDB simple family (application)

DE 102013208078 A 20130502; EP 14715257 A 20140331; EP 2014056447 W 20140331; US 201414888492 A 20140331