

Title (en)

SYSTEM FOR AN ELECTRICALLY DRIVEN VEHICLE, AND VEHICLE THEREWITH AND METHOD THEREFOR

Title (de)

SYSTEM FÜR EIN ELEKTRISCH ANGETRIEBENES FAHRZEUG SOWIE FAHRZEUG DAMIT UND VERFAHREN DAFÜR

Title (fr)

SYSTÈME POUR UN VÉHICULE À ENTRAÎNEMENT ÉLECTRIQUE AINSI QUE VÉHICULE LE COMPRENANT ET PROCÉDÉ ASSOCIÉ

Publication

EP 3793856 A1 20210324 (DE)

Application

EP 19724416 A 20190513

Priority

- DE 102018111681 A 20180515
- EP 2019062125 W 20190513

Abstract (en)

[origin: WO2019219555A1] The invention relates to a system (36) for an electrically driven vehicle (10), in particular a utility vehicle (10), comprising at least one first energy store (38) of the type of a battery (38), and at least one second energy store (40) of a type different from the type of a battery (38). The second energy store (40) has an energy density (54) that is lower than an energy density (56) of the first energy store (38), and a power density (58) that is higher than a power density (60) of the first energy store (38). The first energy store (38) and the second energy store (40) are furthermore configured so as to provide energy for an electric drive (12) of the vehicle (10). The invention furthermore relates to a vehicle (10) having a system (36), and to a method for operating a system (36).

IPC 8 full level

B60L 7/10 (2006.01); **B60L 15/20** (2006.01); **B60L 50/30** (2019.01); **B60L 50/40** (2019.01); **B60L 53/55** (2019.01); **B60L 58/12** (2019.01);
B60L 58/14 (2019.01); **B60L 58/22** (2019.01); **H02J 1/16** (2006.01); **H02J 7/00** (2006.01); **H02J 7/34** (2006.01)

CPC (source: EP US)

B60L 7/10 (2013.01 - EP US); **B60L 15/2045** (2013.01 - EP US); **B60L 50/30** (2019.02 - EP); **B60L 50/40** (2019.02 - EP);
B60L 53/55 (2019.02 - EP US); **B60L 58/12** (2019.02 - EP US); **B60L 58/14** (2019.02 - EP); **B60L 58/22** (2019.02 - EP);
H02J 1/102 (2013.01 - EP); **H02J 1/109** (2020.01 - EP); **H02J 1/16** (2013.01 - EP); **H02J 7/0013** (2013.01 - EP); **H02J 7/1423** (2013.01 - EP);
H02J 7/1438 (2013.01 - EP); **H02J 7/1446** (2013.01 - EP); **H02J 7/345** (2013.01 - EP); **B60L 2200/18** (2013.01 - EP);
B60L 2200/40 (2013.01 - EP); **B60L 2210/10** (2013.01 - EP); **B60L 2240/547** (2013.01 - EP); **B60L 2240/549** (2013.01 - EP);
B60L 2260/162 (2013.01 - EP); **H02J 2310/48** (2020.01 - EP); **Y02T 10/64** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP);
Y02T 10/702 (2013.01 - EP); **Y02T 10/72** (2013.01 - EP); **Y02T 10/92** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP)

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 102018111681 A1 20191121; CN 112105521 A 20201218; EP 3793856 A1 20210324; US 12043141 B2 20240723;
US 2021146780 A1 20210520; WO 2019219555 A1 20191121

DOCDB simple family (application)

DE 102018111681 A 20180515; CN 201980031416 A 20190513; EP 19724416 A 20190513; EP 2019062125 W 20190513;
US 201917055147 A 20190513