

## Title (en)

POWER SUPPLY SYSTEM FOR ELECTRIC VEHICLES AND METHOD FOR CONTROLLING SAID SYSTEM

## Title (de)

ENERGIEVERSORGUNGSSYSTEM FÜR ELEKTROFAHRZEUGE UND VERFAHREN ZU DESSEN STEUERUNG

## Title (fr)

SYSTEME D'ALIMENTATION EN ENERGIE POUR VEHICULES ELECTRIQUES ET PROCEDE DE COMMANDE DE CE SYSTEME

## Publication

**EP 2334508 A2 20110622 (DE)**

## Application

**EP 09783421 A 20090925**

## Priority

- EP 2009062446 W 20090925
- DE 102008042677 A 20081008

## Abstract (en)

[origin: WO2010040646A2] The invention relates to a power supply system (100) for electric vehicles (1) having an on-board power accumulator (1.1) and an on-board charging unit (1.2), which can be connected to a mains connection station (2) of an in particular fixed mains supply (1.3) in order to charge the on-board power accumulator (1.1). An interface is provided between an on-board and a fixed component in order to connect the charging unit (1.2) to the mains connection station (2) of the mains supply (1.3) during the charging process and to transmit operating variables of the mains supply (1.3) to the on-board charging unit (1.2). The invention also relates to a method for controlling the power supply system (100).

## IPC 8 full level

**B60L 11/18** (2006.01); **B60L 50/15** (2019.01); **H02J 7/02** (2006.01)

## CPC (source: EP US)

**B60L 53/16** (2019.01 - EP US); **B60L 53/34** (2019.01 - EP US); **B60L 53/65** (2019.01 - EP US); **B60W 10/26** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP US); **H02J 5/00** (2013.01 - US); **H02J 7/0042** (2013.01 - EP US); **H02J 7/02** (2013.01 - EP US); **B60L 2240/62** (2013.01 - EP US); **B60W 2510/244** (2013.01 - EP US); **B60W 2556/50** (2020.02 - EP US); **Y02T 10/62** (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 - EP US); **Y02T 90/167** (2013.01 - EP US); **Y04S 30/14** (2013.01 - EP US)

## Citation (search report)

See references of WO 2010040646A2

## Designated contracting state (EPC)

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 SE SI SK SM TR

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## DOCDB simple family (application)

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