

Title (en)

DEVICE FOR CHARGING AN ELECTRIC ENERGY STORE, AND METHOD FOR INITIALIZING A CHARGING PROCESS FOR AN ELECTRIC ENERGY STORE

Title (de)

VORRICHTUNG ZUM LADEN EINES ELEKTRISCHEN ENERGIESPEICHERS UND VERFAHREN ZUM INITIALISIEREN EINES LADEVORGANGS FÜR EINEN ELEKTRISCHEN ENERGIESPEICHER

Title (fr)

DISPOSITIF POUR CHARGER UN ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE ET PROCÉDÉ POUR INITIALISER UN PROCESSUS DE CHARGE POUR UN ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE

Publication

**EP 3424124 A1 20190109 (DE)**

Application

**EP 17704244 A 20170209**

Priority

- DE 102016203172 A 20160229
- EP 2017052846 W 20170209

Abstract (en)

[origin: WO2017148670A1] The invention relates to an efficient way to charge DC link capacitor in a charging circuit for an electric energy store. To this end, the DC link capacitor of the charging circuit is initially charged, by means of the charging circuit, to a voltage in the range of a voltage across the terminals of the electric energy store to be charged. The DC link capacitor is electrically connected to the electric energy store to be charged only once the DC link capacitor has been charged to the predefined voltage.

IPC 8 full level

**H02J 7/00** (2006.01)

CPC (source: EP US)

**H02J 7/00** (2013.01 - US); **H02J 7/007182** (2020.01 - EP US); **H02J 7/345** (2013.01 - US); **H02J 50/10** (2016.02 - US); **H02J 7/0031** (2013.01 - EP US); **H02J 2207/20** (2020.01 - EP US); **Y02B 40/00** (2013.01 - US)

Citation (search report)

See references of WO 2017148670A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016203172 A1 20170831**; CN 108702013 A 20181023; EP 3424124 A1 20190109; US 2019067969 A1 20190228; WO 2017148670 A1 20170908

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