

Title (en)

METHOD FOR OPERATING AN INDUCTION CHARGING DEVICE

Title (de)

VERFAHREN ZU EINEM BETRIEB EINER INDUKTIONSLADEVORRICHTUNG

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN DISPOSITIF DE CHARGE PAR INDUCTION

Publication

EP 3580086 A1 20191218 (DE)

Application

EP 18702688 A 20180201

Priority

- DE 102017202162 A 20170210
- DE 102017214747 A 20170823
- EP 2018052500 W 20180201

Abstract (en)

[origin: WO2018145987A1] The invention proposes a method for wireless, in particular inductive, energy transmission from an energy transmission device (14) to a consumer (18), wherein in at least one method step, the energy transmission from the energy transmission device (14) to the consumer (18) is interrupted in connection with a foreign object detection. The method according to the invention is characterised in that in at least one method step (56, 56.6), a cycle time (Tcycle) of the method and/or a duration and/or frequency of the foreign object detection is adjusted according to an energy transmission parameter of the wireless energy transmission.

IPC 8 full level

H02J 5/00 (2016.01); **H02J 7/04** (2006.01)

CPC (source: EP KR RU US)

B60L 53/124 (2019.01 - EP KR RU US); **B60L 53/38** (2019.01 - EP KR RU); **G01V 3/10** (2013.01 - EP KR US); **G01V 3/102** (2013.01 - US); **H02J 7/007** (2013.01 - EP KR US); **H02J 7/04** (2013.01 - EP); **H02J 50/10** (2016.02 - EP KR US); **H02J 50/60** (2016.02 - EP KR RU US); **B60L 53/38** (2019.01 - US); **Y02T 10/70** (2013.01 - EP KR); **Y02T 10/7072** (2013.01 - EP KR); **Y02T 90/12** (2013.01 - EP KR); **Y02T 90/14** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018145986A1

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)

WO 2018145987 A1 20180816; CN 110494321 A 20191122; CN 110536810 A 20191203; DE 102017214741 A1 20180816; DE 102017214747 A1 20180816; EP 3580086 A1 20191218; JP 2020506660 A 20200227; KR 20190113822 A 20191008; RU 2019127796 A 20210310; RU 2019127796 A3 20210409; RU 2760067 C2 20211122; US 2020014249 A1 20200109; US 2020021143 A1 20200116; WO 2018145986 A1 20180816

DOCDB simple family (application)

EP 2018052504 W 20180201; CN 201880024313 A 20180201; CN 201880024325 A 20180201; DE 102017214741 A 20170823; DE 102017214747 A 20170823; EP 18702688 A 20180201; EP 2018052500 W 20180201; JP 2019542562 A 20180201; KR 20197023375 A 20180201; RU 2019127796 A 20180201; US 201816484006 A 20180201; US 201816484610 A 20180201