

Title (en)

POWER TRANSMITTING APPARATUS, POWER RECEIVING APPARATUS, AND WIRELESS POWER TRANSMISSION SYSTEM

Title (de)

STROMÜBERTRAGUNGSVORRICHTUNG, STROMEMPFANGSVORRICHTUNG UND DRAHTLOSES STROMÜBERTRAGUNGSSYSTEM

Title (fr)

APPAREIL DE TRANSMISSION DE PUISSANCE, APPAREIL DE RÉCEPTION DE PUISSANCE, ET SYSTÈME DE TRANSMISSION DE PUISSANCE SANS FIL

Publication

EP 2893612 A4 20161123 (EN)

Application

EP 13824475 A 20130903

Priority

- JP 2012192973 A 20120903
- JP 2013074171 W 20130903

Abstract (en)

[origin: WO2014034966A1] There is provided a power transmitting apparatus in which the first communicating unit performs communication with a power receiving apparatus using the first antenna, the second antenna transmits the electric power generated by the power supply unit to the power receiving apparatus, the second communicating unit performs communication with the power receiving apparatus using the second antenna, the measuring unit measures first and second communication quality of the first and second communicating units, respectively, the control unit communicates, while power transmission to the power receiving apparatus is performed, transmission control information with the power receiving apparatus using the first or second communicating unit and controls the power transmission based on the transmission control information, and the control unit selects any one of the first communicating unit and the second communicating unit according to the first communication quality and the second communication quality to communicate the transmission control information.

IPC 8 full level

H02J 7/00 (2006.01); **B60L 11/18** (2006.01)

CPC (source: EP US)

B60L 53/126 (2019.01 - EP US); **B60L 53/305** (2019.01 - EP US); **B60L 53/36** (2019.01 - EP); **B60L 53/38** (2019.01 - EP); **B60L 53/65** (2019.01 - EP); **H02J 50/10** (2016.02 - EP US); **H02J 50/20** (2016.02 - EP); **H02J 50/40** (2016.02 - EP US); **H02J 50/60** (2016.02 - EP US); **H02J 50/80** (2016.02 - EP US); **H02J 50/90** (2016.02 - EP US); **B60L 2250/20** (2013.01 - EP); **B60L 2270/32** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP); **Y02T 90/16** (2013.01 - EP); **Y02T 90/167** (2013.01 - EP); **Y04S 30/14** (2013.01 - EP)

Citation (search report)

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- [Y] US 2010314445 A1 20101216 - KARGL WALTER [AT], et al
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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

DOCDB simple family (publication)

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DOCDB simple family (application)

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