

Title (en)

CALCULATING POWER CONSUMPTION IN WIRELESS POWER DELIVERY SYSTEMS

Title (de)

BERECHNUNG DES STROMVERBRAUCHS IN SYSTEMEN ZUR DRAHTLOSEN STROMÜBERTRAGUNG

Title (fr)

CALCUL DE CONSOMMATION D'ÉNERGIE DANS DES SYSTÈMES DE DISTRIBUTION D'ÉNERGIE SANS FIL

Publication

**EP 3281273 A4 20191127 (EN)**

Application

**EP 16836076 A 20160408**

Priority

- US 201562146233 P 20150410
- US 201562163964 P 20150519
- US 201562256694 P 20151117
- US 2016026819 W 20160408

Abstract (en)

[origin: WO2016164851A1] The disclosed system utilizes multiple wireless power receivers (antennas and or paths) for receiving power. The disclosed system includes a chip, such as an application specific chip (ASICs) connectable to multiple antennas and units to convert radio frequency (RF) power into direct current (DC) power. The disclosed system can also include antennas that are used to receiving power, communicate, and send a beacon signal. The disclosed system also comprises a mobile electronic device to receive wireless power using multiple antennas connected or coupled to multiple wireless power receivers.

IPC 8 full level

**H02J 7/00** (2006.01); **G01R 31/36** (2019.01); **H02J 50/20** (2016.01); **H02J 50/80** (2016.01); **H02J 50/90** (2016.01)

CPC (source: EP KR US)

**H02J 7/00034** (2020.01 - EP KR US); **H02J 50/20** (2016.02 - EP KR); **H02J 50/50** (2016.02 - KR); **H02J 50/80** (2016.02 - EP KR US); **H02J 2310/22** (2020.01 - KR)

Citation (search report)

- [X] WO 2014155519 A1 20141002 - FUJITSU LTD [JP] & US 2016013666 A1 20160114 - UCHIDA AKIYOSHI [JP]
- [X] EP 2560266 A1 20130220 - FUJITSU LTD [JP]
- [X] JP 2013026813 A 20130204 - SHARP KK

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**US 2016026824 W 20160408**; CN 201680033396 A 20160408; EP 16836076 A 20160408; JP 2017552049 A 20160408; KR 20177032538 A 20160408; US 2016026819 W 20160408