

Title (en)

WIRELESS POWER SYSTEMS AND METHODS SUITABLE FOR CHARGING WEARABLE ELECTRONIC DEVICES

Title (de)

DRAHTLOSSTROMVERSORGUNGSSYSTEME UND VERFAHREN ZUM LADEN VON AM KÖRPER TRAGBAREN ELEKTRONISCHEN VORRICHTUNGEN

Title (fr)

SYSTÈMES ET PROCÉDÉS D'ALIMENTATION SANS FIL APPROPRIÉS POUR CHARGER DES DISPOSITIFS ÉLECTRONIQUES VESTIMENTAIRES

Publication

**EP 3308447 A1 20180418 (EN)**

Application

**EP 16812340 A 20160615**

Priority

- US 201562175911 P 20150615
- US 201562180199 P 20150616
- US 201562186276 P 20150629
- US 201562186341 P 20150629
- US 201562189101 P 20150706
- US 201562189916 P 20150708
- US 201562192457 P 20150714
- US 201562194409 P 20150720
- US 201562197218 P 20150727
- US 201562203095 P 20150810
- US 201562207810 P 20150820
- US 201562217272 P 20150911
- US 201562219596 P 20150916
- US 201562242013 P 20151015
- US 201562247883 P 20151029
- US 201562249051 P 20151030
- US 201562252792 P 20151109
- US 201562255624 P 20151116
- US 201514969455 A 20151215
- US 201662279521 P 20160115
- US 201662287361 P 20160126
- US 201662293975 P 20160211
- US 201615061869 A 20160304
- US 201662315443 P 20160330
- US 201662341952 P 20160526
- US 2016037635 W 20160615

Abstract (en)

[origin: WO2016205373A1] Base units, systems and methods for wireless energy transfer are described. A wireless energy transfer system according to some examples includes a transmitter of wireless energy and a distance separated receiver. Examples of transmitter and receiver coils are described. Examples of distance and orientation optimization are described. Examples of wireless charging systems that may include helmets, body worn units, and/or light sockets are described.

IPC 8 full level

**H02J 50/00** (2016.01)

CPC (source: EP KR)

**H02J 50/10** (2016.02 - EP KR); **H02J 50/80** (2016.02 - KR); **H02J 50/80** (2016.02 - EP)

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 2016205373 A1 20161222**; AU 2016280650 A1 20180118; BR 112017026841 A2 20180814; CA 2989165 A1 20161222; CN 107949974 A 20180420; EP 3308447 A1 20180418; EP 3308447 A4 20190320; HK 1254252 A1 20190712; JP 2018527864 A 20180920; KR 20180015254 A 20180212; MX 2017016250 A 20180420; RU 2018101297 A 20190715; TW 201707342 A 20170216; TW I642252 B 20181121

DOCDB simple family (application)

**US 2016037635 W 20160615**; AU 2016280650 A 20160615; BR 112017026841 A 20160615; CA 2989165 A 20160615; CN 201680044293 A 20160615; EP 16812340 A 20160615; HK 18113395 A 20181018; JP 2017564907 A 20160615; KR 20187001116 A 20160615; MX 2017016250 A 20160615; RU 2018101297 A 20160615; TW 105118855 A 20160615