

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

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Application

EP 16812340 A 20160615

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- 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 7/00 (2006.01); **H01F 38/14** (2006.01); **H02J 50/10** (2016.01); **H02J 50/12** (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)

Citation (search report)

- [XII] US 2014333153 A1 20141113 - TANAKA SHINGO [JP], et al
- [XII] WO 2014152004 A1 20140925 - WITRICITY CORP [US]
- [XII] US 2013147427 A1 20130613 - POLU NAGESH [CA], et al
- [A] US 2010256481 A1 20101007 - MARECI THOMAS H [US], et al
- See references of WO 2016205373A1

Designated contracting state (EPC)

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