Title (en)

SYSTEM AND METHOD FOR PROVIDING WIRELESS POWER TRANSFER FUNCTIONALITY TO AN ELECTRICAL DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR HINZUFÜGUNG EINER FUNKTION ZUR DRAHTLOSEN LEISTUNGSÜBERTRAGUNG IN EINER ELEKTRISCHEN VORRICHTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ POUR CONFÉRER UNE FONCTIONNALITÉ DE TRANSFERT DE PUISSANCE SANS FIL À UN DISPOSITIF ÉLECTRIQUE

Publication

EP 2803126 A2 20141119 (EN)

Application

EP 12824819 A 20121220

Priority

- US 201161578348 P 20111221
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- US 201261655775 P 20120605
- US 201261673844 P 20120720
- US 201261699876 P 20120912
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Abstract (en)

[origin: WO2013093922A2] A wireless power receiver for providing inductive power reception functionality to at least one host device. The wireless power receiver is configured to be accommodated by a wireless power port associated with a host device. The wireless power receiver includes a secondary inductor operable to couple inductively with a primary inductor connected to a power source via a driver, a reception circuit operable to control inductive power transfer from the primary inductor to the host device, and electrical contacts for forming a conductive connection with a corresponding second electrical contact incorporated in said wireless power port of the host device.

IPC 8 full level

H02J 5/00 (2006.01); **H02J 7/02** (2006.01); **H04B 5/00** (2006.01)

CPC (source: EP US)

H02J 7/0029 (2013.01 - EP US); **H02J 7/00304** (2020.01 - EP US); **H02J 7/00308** (2020.01 - EP US); **H02J 50/005** (2020.01 - EP US); **H02J 50/10** (2016.02 - EP US); **H02J 50/70** (2016.02 - EP US); **H02J 50/80** (2016.02 - US); **H04B 5/266** (2024.01 - EP); **H04B 5/79** (2024.01 - EP US); H02J 7/00045 (2020.01 - EP US)

Citation (search report)

See references of WO 2013093922A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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