

Title (en)
SYSTEMS AND METHODS FOR GENERATING POWER WAVES IN A WIRELESS POWER TRANSMISSION SYSTEM

Title (de)
SYSTEME UND VERFAHREN ZUR ERZEUGUNG VON STROMWELLEN IN EINEM SYSTEM ZUR DRAHTLOSEN STROMÜBERTRAGUNG

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR GÉNÉRER DES ONDES D'ÉNERGIE DANS UN SYSTÈME DE TRANSMISSION D'ÉNERGIE SANS FIL

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Application
EP 16882696 A 20161229

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Abstract (en)
[origin: WO2017117452A1] Systems and methods disclosed herein related to wireless power transmission system. In one example method: a transmitter measures a plurality of specific absorption rate (SAR) values, each respective SAR value corresponding to a respective spatial location within a transmission field of the transmitter with respect to one or more power waves radiated from one or more antennas of the transmitter. The transmitter also determines a selected spatial location within the transmission field where a first measured SAR value of the plurality of SAR values does not satisfy a pre-defined SAR value threshold. The transmitter further transmits the one or more power waves to converge destructively at or proximate to the selected spatial location within the transmission field.

IPC 8 full level
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Citation (search report)

- [A] US 2013169348 A1 20130704 - SHI PING [US]
- [A] WO 2014134996 A1 20140912 - ZTE CORP [CN] & EP 3068185 A1 20160914 - ZTE CORP [CN]
- [A] US 2010079011 A1 20100401 - HYDE RODERICK A [US], et al
- See also references of WO 2017117452A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
US 2016069316 W 20161229; CN 201680082787 A 20161229; EP 16882696 A 20161229; JP 2018534624 A 20161229; JP 2021039737 A 20210311; KR 20187021892 A 20161229