

Title (en)

RF POWER TRANSMISSION NETWORK AND METHOD

Title (de)

HF-STROMÜBERTRAGUNGSNETZWERK UND VERFAHREN DAFÜR

Title (fr)

RÉSEAU DE TRANSMISSION DE PUISSANCE RF ET PROCÉDÉ

Publication

EP 2047611 A4 20130130 (EN)

Application

EP 07810774 A 20070726

Priority

- US 2007016753 W 20070726
- US 83386406 P 20060729

Abstract (en)

[origin: WO2008016527A2] Disclosed is an RF power transmission network. The network includes at least one RF power transmitter, at least one power tapping component, and at least one load. The at least one RF power transmitter, the at least one power tapping component, and the at least one load are connected in series. The RF power transmitter sends power through the network. The power is radiated from the network to be received by a device to be charged, re-charged, or directly powered by the power.

IPC 8 full level

H04B 5/00 (2006.01); **H04B 1/38** (2006.01); **H04M 1/00** (2006.01); **H04W 52/42** (2009.01)

CPC (source: EP KR US)

H02J 50/001 (2020.01 - EP US); **H02J 50/20** (2016.02 - EP KR US); **H02J 50/40** (2016.02 - EP KR US); **H04B 5/26** (2024.01 - KR); **H04B 5/79** (2024.01 - EP KR); **H04W 52/42** (2013.01 - EP KR US)

Citation (search report)

- [X] WO 9926330 A2 19990527 - LIFESTYLE TECHNOLOGIES [US]
- [X] US 4766437 A 19880823 - SCHMIDT CHARLES J [US], et al
- [X] WO 2004088790 A1 20041014 - QUINTEL TECHNOLOGY LTD [GB], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008016527 A2 20080207; **WO 2008016527 A3 20081211**; AU 2007281584 A1 20080207; CA 2659309 A1 20080207; CN 101517914 A 20090826; EP 2047611 A2 20090415; EP 2047611 A4 20130130; JP 2009545295 A 20091217; KR 20090038027 A 20090417; MX 2009001083 A 20090310

DOCDB simple family (application)

US 2007016753 W 20070726; AU 2007281584 A 20070726; CA 2659309 A 20070726; CN 200780034315 A 20070726; EP 07810774 A 20070726; JP 2009522795 A 20070726; KR 20097004289 A 20090227; MX 2009001083 A 20070726