

Title (en)

SINGLE LAYER MULTI MODE ANTENNA FOR WIRELESS POWER TRANSMISSION USING MAGNETIC FIELD COUPLING

Title (de)

EINSCHICHTIGE MEHRMODUSANTENNE ZUR DRAHTLOSEN STROMÜBERTRAGUNG MIT MAGNETFELDKOPPLUNG

Title (fr)

ANTENNE MULTIMODE À COUCHE UNIQUE POUR UNE ÉMISSION DE PUISSANCE SANS FIL À L'AIDE D'UN COUPLAGE DE CHAMP MAGNÉTIQUE

Publication

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Application

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- US 201514821065 A 20150807
- US 201514821122 A 20150807
- US 201514821090 A 20150807
- US 201514821177 A 20150807
- US 201514821140 A 20150807
- US 201514821157 A 20150807
- US 201514821220 A 20150807
- US 201514821253 A 20150807
- US 201514821268 A 20150807
- US 201514821236 A 20150807
- US 2016045588 W 20160804

Abstract (en)

[origin: WO2017027326A1] Various embodiments of a single structure multiple mode antenna are described. The antenna is preferably constructed of a single layer having a first inductor coil that is electrically connected in series with a second inductor coil. The antenna is constructed having a plurality of electrical connections positioned along the first and second inductor coils. A plurality of terminals facilitates connection of the electrical connections thereby providing numerous electrical connection configurations and enables the antenna to be selectively tuned to various frequencies and frequency bands.

IPC 8 full level

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Citation (search report)

- [X] US 2009230777 A1 20090917 - BAARMAN DAVID W [US], et al
- [XI] US 2011241437 A1 20111006 - KANNO HIROSHI [JP]
- See references of WO 2017027326A1

Designated contracting state (EPC)

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