Title (en)

WIRELESS ENERGY TRANSFER IN LOSSY ENVIRONMENTS

Title (de)

DRAHTLOSE ENERGIEÜBERTRAGUNG IN VERLUSTBEHAFTETEN UMGEBUNGEN

Title (fr)

TRANSFERT D'ÉNERGIE SANS FIL DANS DES ENVIRONNEMENTS AVEC PERTE

Publication

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Application

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- US 56771609 A 20090925
- US 15239009 P 20090213
- US 18276809 P 20090601
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- US 17374709 P 20090429
- US 64770509 A 20091228
- US 16924009 P 20090414
- US 15676409 P 20090302
- US 17263309 P 20090424
- US 17850809 P 20090515
- US 16369509 P 20090326

Abstract (en)

[origin: WO2010093997A1] Described herein are improved configurations for a wireless power transfer for electronic devices that include at least one source magnetic resonator including a capacitively- loaded conducting loop coupled to a power source and configured to generate an oscillating magnetic field and at least one device magnetic resonator, distal from said source resonators, comprising a capacitively-loaded conducting loop configured to convert said oscillating magnetic fields into electrical energy, wherein at least one said resonator has a keep-out zone around the resonator that surrounds the resonator with a layer of non-lossy material.

IPC 8 full level

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CPC (source: EP KR US)

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