

Title (en)

SECONDARY-SIDE COIL ASSEMBLY FOR INDUCTIVE ENERGY TRANSFER USING QUADRUPOLES

Title (de)

SEKUNDÄRSEITIGE SPULENANORDNUNG ZUR INDUKTIVEN ENERGIEÜBERTRAGUNG MIT QUADRUPOLEN

Title (fr)

ENSEMBLE BOBINE CÔTÉ SECONDAIRE DESTINÉ AU TRANSFERT D'ÉNERGIE PAR INDUCTION ET DOTÉ DE QUADRUPOLES

Publication

**EP 2973624 A1 20160120 (DE)**

Application

**EP 13802612 A 20131206**

Priority

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- EP 2013075841 W 20131206

Abstract (en)

[origin: WO2014139606A1] The invention relates to a secondary-side coil assembly for an inductive energy transfer system for transferring energy between a primary- and a secondary-side coil assembly (A1, A2). The invention is characterised in that the secondary-side coil assembly (A1) has coils (SS1, SS2, SS3, SS4) which form four coil regions (BES1, BES2, BES3, BES4) of the coil assembly (A1), said regions lying adjacent to one another on a plane, each coil (SS1, SS2, SS3, SS4) together with at least one capacitor (CS1-4) forming a resonant circuit (RESS).

IPC 8 full level

**H01F 38/14** (2006.01); **H01F 27/00** (2006.01); **H04B 5/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014139606A1

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