

Title (en)  
ENERGY TRANSMISSION SYSTEM WITH A MODULE THAT CAN BE INDUCTIVELY COUPLED TO A PRIMARY CONDUCTOR SYSTEM

Title (de)  
ENERGIEÜBERTRAGUNGSSYSTEM MIT EINEM AN EIN PRIMÄRLEITERSYSTEM INDUKTIV KOPPELBAREN MODUL

Title (fr)  
SYSTÈME DE TRANSFERT D'ÉNERGIE COMPRENANT UN MODULE QUI PEUT ÊTRE COUPLÉ INDUCTIVEMENT À UN SYSTÈME DE CONDUCTEURS PRIMAIRES

Publication  
**EP 2828869 A1 20150128 (DE)**

Application  
**EP 13707549 A 20130227**

Priority  
• DE 102012005528 A 20120321  
• EP 2013000569 W 20130227

Abstract (en)  
[origin: WO2013139428A1] Energy transmission system with a module that can be inductively coupled to a primary conductor system, particularly wherein the primary conductor system comprises a live conductor and a return conductor, wherein the module has a bottom part and a top part, wherein the top part can be mounted on the bottom part and connected thereto, wherein the bottom part has a circuit board populated with electronic components, wherein a ferrite core section is arranged on the circuit board, particularly wherein the ferrite core section is adhesively connected to said circuit board, wherein a secondary winding is connected to said circuit board, and the ferrite core section together with a further ferrite core section forms a coil core of the secondary winding, wherein the further ferrite core section and a receiving area for the primary conductor system, particularly for a section of the primary conductor system, is arranged in the top part.

IPC 8 full level  
**H01F 38/14** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2013139428A1

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