

Title (en)
WIRELESS CHARGING ARRANGEMENT

Title (de)
DRAHTLOSE LADEANORDNUNG

Title (fr)
AGENCEMENT DE CHARGE SANS FIL

Publication
EP 3061106 A4 20170712 (EN)

Application
EP 14855804 A 20141016

Priority
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Abstract (en)
[origin: WO2015059351A1] In a manufacturing method of the induction charger film according to the invention a first patterned insulation layer (15) is advantageously printed on the surface of a clean copper foil (130). In the following manufacturing stages one or more conductive (16), semi-conductive, insulating material layers or layers including graphics, are printed on the patterned insulation layer (15). When the material layers to be manufactured on the first surface of the induction charger film have been printed, the induction charger film is attached to an appropriate surface film (19). After this copper conductors (131-134) of the induction charger are patterned by etching from the second, yet untreated surface of the metal foil. After etching the conductors a ferrite film (14) is laminated underneath the primary coil (13) and the copper conductors (131-134) of the induction charger, with which ferrite film the magnetic flux created by the primary coil (13) is directed above the primary coil.

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Citation (search report)
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• [XII] WO 2013095036 A1 20130627 - AMOSENSE CO LTD [KR]
• [I] US 2010156344 A1 20100624 - INOUE TETSUO [JP], et al
• [A] WO 2010133995 A2 20101125 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• See references of WO 2015059351A1

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