

Title (en)

ANTENNA SYSTEM FOR A CONTACTLESS MICROCIRCUIT

Title (de)

ANTENNENSYSTEM FÜR EINE KONTAKTLOSE MIKROSCHALTUNG

Title (fr)

SYSTEME D'ANTENNE POUR MICROCIRCUIT SANS CONTACT

Publication

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Application

EP 14705811 A 20140115

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- FR 1350398 A 20130117
- FR 2014050077 W 20140115

Abstract (en)

[origin: WO2014111656A1] The invention relates to a method for the production of an object incorporating a contactless microcircuit, said method comprising steps consisting in: forming an antenna coil (AT1) in the form of a spiral on a first face of a substrate (TG4); securing the microcircuit to the substrate; on the substrate, forming first and second conductive pads (E2, E4) connected to inner and outer ends respectively of the spiral of the antenna coil; connecting the connection terminals of the microcircuit to third and fourth conductive pads (E2', E4'); and securing the microcircuit to the substrate, with the first and third conductive pads being positioned to face one another and the second and fourth conductive pads facing one another, such as to form two capacitors mounted in series with the antenna coil, the first or second conductive pad comprising a non-conductive window (1) which the microcircuit is positioned to face.

IPC 8 full level

G06K 19/077 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014111657A1

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FR 3001070 A1 20140718; **FR 3001070 B1 20160506**; CN 104919475 A 20150916; CN 104937611 A 20150923; EP 2946343 A1 20151125; EP 2946343 B1 20210317; EP 2946344 A1 20151125; US 2015356397 A1 20151210; US 2016004949 A1 20160107; WO 2014111656 A1 20140724; WO 2014111657 A1 20140724

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