

Title (en)

RFID-TRANSPONDER, OPTICAL OBJECT WITH RFID-TRANSPONDER, AND METHOD FOR PRODUCING AN AERIAL FOR AN RFID-TRANSPONDER

Title (de)

RFID-TRANSPONDER, OPTISCHER GEGENSTAND MIT RFID-TRANSPONDER SOWIE VERFAHREN ZUR HERSTELLUNG EINER ANTENNE FÜR EINEN RFID-TRANSPONDER

Title (fr)

TRANSPONDEUR RFID, OBJET OPTIQUE AVEC TRANSPONDEUR RFID, ET PROCÉDÉ DE FABRICATION D'UNE ANTENNE POUR UN TRANSPONDEUR RFID

Publication

**EP 2038816 A1 20090325 (DE)**

Application

**EP 07724641 A 20070427**

Priority

- EP 2007003711 W 20070427
- DE 102006031968 A 20060711

Abstract (en)

[origin: WO2008006416A1] The invention relates to an RFID transponder, an optical element (150) with an RFID transponder, and an aerial (110) for an RFID transponder. According to the invention, the aerial (110) is constructed to be optically transparent. The invention additionally relates to a method for producing an aerial (110) for an RFID transponder. The inventive method for producing an aerial (110) of an RFID transponder is characterized by the following procedural steps: a) Providing an object (150) to be equipped with the RFID transponder with a surface, b) Application of a transparent conductive coating to the surface, c) Lithographic structuring of the transparent conductive coating in order to form the aerial (110).

IPC 8 full level

**G06K 19/077** (2006.01)

CPC (source: EP US)

**G02B 27/017** (2013.01 - EP US); **G02C 7/02** (2013.01 - EP US); **G06K 19/07749** (2013.01 - EP US); **G06K 19/07762** (2013.01 - EP US); **H01Q 1/2225** (2013.01 - EP US); **H01Q 1/273** (2013.01 - EP US); **H01Q 1/38** (2013.01 - EP US); **H01Q 7/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2008006416A1

Designated contracting state (EPC)

DE FR IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008006416 A1 20080117**; DE 102006031968 A1 20080131; EP 2038816 A1 20090325; US 2009212953 A1 20090827; US 8519849 B2 20130827

DOCDB simple family (application)

**EP 2007003711 W 20070427**; DE 102006031968 A 20060711; EP 07724641 A 20070427; US 31887509 A 20090112