

Title (en)
TRANSMITTING ANTENNA ARRANGEMENT FOR EMITTING A LONGWAVE WAKE-UP SIGNAL FOR AN ID TRANSMITTER IN A KEYLESS MOTOR VEHICLE ACCESS SYSTEM

Title (de)
SENDEANTENNENANORDNUNG ZUM ABSTRAHLEN EINES LANGWELLINGEN AUFWECKSIGNALS FÜR EINEN ID-GEBER EINES SCHLÜSSELLOSEN KRAFTFAHRZEUGZUGANGSSYSTEMS

Title (fr)
ENSEMBLE ANTENNE D'EMISSION SERVANT A EMETTRE UN SIGNAL DE REVEIL GRANDES ONDES POUR UN CAPTEUR D'ID D'UN SYSTEME DE VEHICULE AUTOMOBILE SANS CLE

Publication
EP 1776260 A1 20070425 (DE)

Application
EP 05740735 A 20050504

Priority
• EP 2005004870 W 20050504
• DE 102004037682 A 20040802

Abstract (en)
[origin: WO2006015632A1] A transmitting antenna arrangement for emitting a longwave wake-up signal for an ID transmitter in a keyless motor vehicle system. An induction coil (2) comprising at least one winding and a core (3) surrounded by said winding is arranged inside a component (1) of the motor vehicle. The core (3) is shaped as a flat strip and consists of several layers placed on top of each other, containing a nano-crystalline or amorphous soft-magnetic metal alloy having a high permeability. The thickness of each metal layer is between 15 ?m and 100 ?m and the layers are placed on top of each other in such a way that the flow of current from one metal layer to another adjacent layer is made more difficult.

IPC 8 full level
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Citation (search report)
See references of WO 2006015632A1

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