

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  
**B60R 25/00** (2013.01); **H01F 1/153** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)  
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