

Title (en)

RF receiving/transmitting device for a domestic apparatus powered by an electrical network

Title (de)

RF-Empfänger/Sender-Vorrichtung für ein durch ein Stromnetz gespeistes Haushaltsgerät

Title (fr)

Dispositif d'émission/réception de signaux radiofréquences pour un appareil domestique alimenté par un réseau électrique

Publication

EP 2246932 B1 20120606 (FR)

Application

EP 10159266 A 20100407

Priority

FR 0952283 A 20090408

Abstract (en)

[origin: EP2246932A2] The device (D) has an electrical conductor (C) adapted to be connected to an electric network. A solenoid antenna (A) is arranged near the electrical conductor, and is connected to a radiofrequency circuit (CR). The antenna is twisted around the electrical conductor. An end (A1) of the antenna is adapted to be connected to the radiofrequency circuit, while another end (A2) of the antenna is free. The electrical conductor is mounted in series on an electrical conductor (CE1) of the electric network.

IPC 8 full level

H01Q 1/46 (2006.01); **E06B 9/42** (2006.01); **E06B 9/72** (2006.01)

CPC (source: EP)

H01Q 1/46 (2013.01)

Cited by

FR3061340A1; WO2018122012A1; US10666301B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2246932 A2 20101103; EP 2246932 A3 20110323; EP 2246932 B1 20120606; ES 2387952 T3 20121004; FR 2944385 A1 20101015; FR 2944385 B1 20110617

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