

Title (en)

Transparent, flat device for receiving and/or transmitting electromagnetic radiation with at least one other function, method for producing same and use of same

Title (de)

Transparente, flächenförmige Vorrichtung zum Empfangen und/oder Senden elektromagnetischer Strahlung mit mindestens einer weiteren Funktion, Verfahren zu ihrer Herstellung und ihre Verwendung

Title (fr)

Dispositif plat et transparent pour la réception et/ou l'émission d'un rayonnement électromagnétique doté d'au moins une fonction supplémentaire, son procédé de fabrication et d'utilisation

Publication

EP 2256856 B1 20181024 (DE)

Application

EP 10163357 A 20100520

Priority

DE 102009025881 A 20090528

Abstract (en)

[origin: EP2256856A1] The device has a flat, transparent, dielectric substrate (A) and a transparent and an electrically conductive linear structure in contact with a main surface of the substrate as a receiving part (B) or transmitting part. A connection (C) is provided for decoupling the received or coupling the transmitted electromagnetic radiation. A frequency filter (D) is electrically connected with the connection. An electric or electronic component is electrically connected with the frequency filter to measure or change a physical property in the area of the receiving or transmitting part.

IPC 8 full level

H01Q 1/12 (2006.01)

CPC (source: EP)

H01Q 1/1271 (2013.01); **H01Q 1/1278** (2013.01)

Cited by

DE102017206480B3; DE102012018001A1; WO2018192690A1

Designated contracting state (EPC)

AL 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 2256856 A1 20101201; **EP 2256856 B1 20181024**; ES 2695927 T3 20190111; PL 2256856 T3 20190329; PT 2256856 T 20181210; TR 201900080 T4 20190221

DOCDB simple family (application)

EP 10163357 A 20100520; ES 10163357 T 20100520; PL 10163357 T 20100520; PT 10163357 T 20100520; TR 201900080 T 20100520