

Title (en)

REFLECTOR WITH AN ELECTRONIC CIRCUIT AND ANTENNA DEVICE COMPRISING A REFLECTOR

Title (de)

REFLEKTOR MIT EINER ELEKTRONISCHEN SCHALTUNG UND ANTENNENVORRICHTUNG MIT EINEM REFLEKTOR

Title (fr)

RÉFLECTEUR DOTÉ D'UN CIRCUIT ÉLECTRONIQUE ET DISPOSITIF D'ANTENNE DOTÉ D'UN RÉFLECTEUR

Publication

**EP 3262713 B1 20210113 (DE)**

Application

**EP 16705555 A 20160222**

Priority

- EP 15156378 A 20150224
- EP 2016053674 W 20160222

Abstract (en)

[origin: CA2976830A1] A reflector comprises a substrate and a plurality of reflector structures, which are arranged at or in the substrate and designed to reflect an incident electromagnetic wave. The reflector furthermore comprises an electronic circuit which is arranged at, on or in the substrate and designed to control an antenna when the antenna is connected to the electronic circuit.

IPC 8 full level

**H01Q 3/46** (2006.01); **H01Q 1/40** (2006.01); **H01Q 15/14** (2006.01); **H01Q 19/19** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP KR US)

**H01Q 1/40** (2013.01 - KR); **H01Q 3/46** (2013.01 - EP KR US); **H01Q 15/148** (2013.01 - EP KR US); **H01Q 19/19** (2013.01 - KR US); **H01Q 23/00** (2013.01 - EP KR US); **H01Q 1/40** (2013.01 - EP US); **H01Q 19/19** (2013.01 - EP)

Citation (examination)

- WO 2006122040 A2 20061116 - AUTOMOTIVE SYSTEMS LAB [US], et al
- US 2013241770 A1 20130919 - LEGAY HERVE [FR], et al

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 RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3062392 A1 20160831**; CA 2976830 A1 20160901; CA 2976830 C 20201201; CN 107548527 A 20180105; CN 107548527 B 20211015; EP 3262713 A1 20180103; EP 3262713 B1 20210113; JP 2018510559 A 20180412; JP 2019208241 A 20191205; JP 6920374 B2 20210818; KR 101952168 B1 20190226; KR 20170117595 A 20171023; US 10978809 B2 20210413; US 2017373401 A1 20171228; WO 2016135099 A1 20160901

DOCDB simple family (application)

**EP 15156378 A 20150224**; CA 2976830 A 20160222; CN 201680023482 A 20160222; EP 16705555 A 20160222; EP 2016053674 W 20160222; JP 2017544888 A 20160222; JP 2019131034 A 20190716; KR 20177026683 A 20160222; US 201715683352 A 20170822