

Title (en)

Vehicle roof antenna with central fixing means between the outer cover and the inner housing of the antenna

Title (de)

Dachantenne zur Montage auf einem Fahrzeugdach eines Fahrzeuges mit einer zentralen Befestigungsstelle zwischen einer Überhaube und einer Zwischenhaube

Title (fr)

Antenne fixée à la plaque extérieure d'une automobile comportant une fixation centrale d'un couvercle externe à un couvercle interne de l'antenne

Publication

EP 1777779 A1 20070425 (DE)

Application

EP 06022019 A 20061020

Priority

- DE 102005050748 A 20051022
- DE 102006050424 A 20061020

Abstract (en)

The roof antenna (1) has a base plate (3) with one or more antenna elements (5 to 8) and a design hood (9) for covering the inner area of the antenna covered by an intermediate hood (8). A seal (12) is provided round the contact face of the peripheral lower edge of the design hood and fasteners (B) at a central point allow the design hood to be fixed immovably or detachably to the intermediate hood with sealing action. An independent claim is given for dismantling design hood by inserting tool under wall of same and pulling on tool to release hood from detent sealing force.

IPC 8 full level

H01Q 1/32 (2006.01); **H01Q 1/08** (2006.01); **H01Q 1/10** (2006.01); **H01Q 1/12** (2006.01)

CPC (source: EP)

H01Q 1/1214 (2013.01); **H01Q 1/3275** (2013.01)

Citation (search report)

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- [Y] DE 202004004740 U1 20040902 - FUBA AUTOMOTIVE GMBH [DE]
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- [A] EP 1528624 A1 20050504 - DELPHI TECH INC [US]
- [A] DE 19539685 A1 19960502 - MITSUBISHI ELECTRIC CORP [JP] & EP 1667277 A1 20060607 - CLARION CO LTD [JP]

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WO2010055051A1; CN107406040A; US2018053992A1; US10476144B2; CN115070655A; US11705623B2; WO2009043552A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1777779 A1 20070425; DE 102006050424 A1 20070426

DOCDB simple family (application)

EP 06022019 A 20061020; DE 102006050424 A 20061020