

Title (en)

Roof antenna with secure access through a protection cover to a fastening element

Title (de)

Dachantenne mit gesichertem Zugang durch die Haube zu einem Befestigungselement

Title (fr)

Antenne de toit avec accès sécurisé à travers un capot de protection à un élément d'arret

Publication

**EP 1748513 A1 20070131 (DE)**

Application

**EP 06014872 A 20060718**

Priority

DE 102005035252 A 20050725

Abstract (en)

The roof antenna (1) has a base plate (14) on which antenna elements (12,13) are arranged or with at least one connector for an antenna element, whereby a hood (2) has at least one opening for an attachment arrangement. A plug (4) can be inserted into the opening after the attachment element and the roof antenna is immovably fixed to the vehicle body.

IPC 8 full level

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

CPC (source: EP US)

**H01Q 1/1214** (2013.01 - EP US)

Citation (search report)

- [X] US 2003231140 A1 20031218 - HAUSSLER BRADLEY S [US], et al
- [A] FR 1337386 A 19630913 - SEFARA
- [A] US 2003193440 A1 20031016 - YANG A SHENG [TW]
- [A] EP 0795921 A2 19970917 - SIEMENS AG [DE]
- [A] FR 2802023 A1 20010608 - AISIN SEIKI [JP]

Cited by

WO2010058022A1; WO2023030585A1

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 1748513 A1 20070131**; US 2007040757 A1 20070222; US 7522112 B2 20090421

DOCDB simple family (application)

**EP 06014872 A 20060718**; US 48970306 A 20060719