

Title (en)

ANTENNA MODULE AND ROOF STRUCTURE FOR A VEHICLE AND VEHICLE COMPRISING A ROOF STRUCTURE

Title (de)

ANTENNENMODUL UND DACHKONSTRUKTION FÜR EIN FAHRZEUG UND FAHRZEUG MIT EINER DACHKONSTRUKTION

Title (fr)

MODULE D'ANTENNE ET STRUCTURE DE TOIT POUR UN VÉHICULE ET VÉHICULE COMPORTANT UNE STRUCTURE DE TOIT

Publication

**EP 3667812 B1 20210707 (EN)**

Application

**EP 18212812 A 20181214**

Priority

EP 18212812 A 20181214

Abstract (en)

[origin: EP3667812A1] The invention is related to a roof structure (RFS) for a vehicle (V) comprising an antenna module (1) and a vehicle roof (101) wherein the antenna module (1) is mountable to at least one opening (102; 103) of the vehicle roof (101), wherein in a mounted position (MP) of the antenna module (1) the head (51) of the fixation unit (50) is received in a first opening (102) and the antenna carrier (3) is received in a second opening (103) of the vehicle roof (101) and both protrude beyond an upper surface (101a) of the vehicle roof (101), wherein the fixation unit (50) is pivoted in the housing (2), wherein in the mounted position (MP) and in a first turning position (FTP) of the fixation unit (50) the antenna module (1) is detachable pre-assembled to the vehicle roof (101) by the fixation unit (50), wherein the head (51) of the fixation unit (50) overlaps the vehicle roof (101) in first edge regions of the first opening (102) and is manually compressible to a compressed state to eliminate the overlapping and wherein in the mounted position (MP) and in a second turning position of the fixation unit (50) the antenna module (1) is locked to the vehicle roof (101) by the fixation unit (50), wherein the head (51) of the fixation unit (50) overlaps the vehicle roof (101) in second edge regions of the first opening (102) and the head (51) is compressed by the second edge regions (102c, 102d) of the vehicle roof (101) to the compressed state.

IPC 8 full level

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