

Title (en)

Radome for a vehicle radar system and method of manufacturing a radome

Title (de)

Radom für ein Radarsystem eines Kraftfahrzeugs und Verfahren zur Herstellung eines Radoms

Title (fr)

Radome pour une système de radar d'une vehicule et procédé de fabrication d'un radome

Publication

**EP 1750329 A1 20070207 (DE)**

Application

**EP 06117351 A 20060718**

Priority

DE 102005035814 A 20050730

Abstract (en)

The manufacture of a radome (1) involves applying a dielectric lens (2) in a material connection to a boundary surface (10) of the radom. The lens is preferably at least partly adhered or soldered to the radome surface. Independent claims also cover a radom manufactured according to the above process.

IPC 8 full level

**H01Q 15/08** (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/42** (2006.01)

CPC (source: EP)

**H01Q 1/3233** (2013.01); **H01Q 1/42** (2013.01); **H01Q 15/08** (2013.01)

Citation (applicant)

- DE 19819709 C2 20000525 - DAIMLER CHRYSLER AG [DE]
- DE 10235337 A1 20040212 - BOSCH GMBH ROBERT [DE]
- DE 19963003 A1 20010628 - BOSCH GMBH ROBERT [DE]

Citation (search report)

- [XP] DE 102004053419 A1 20060511 - BOSCH GMBH ROBERT [DE]
- [X] US 6496138 B1 20021217 - HONMA SHINICHI [JP]
- [X] US 6674392 B1 20040106 - SCHMIDT EWALD [DE], et al
- [XY] US 2005062664 A1 20050324 - HIDAI TAKASHI [JP], et al
- [Y] US 6072437 A 20000606 - ZIMMERMAN KURT A [US], et al
- [A] EP 0632522 A1 19950104 - MURATA MANUFACTURING CO [JP]

Cited by

CN113169444A; LU101115B1; US8864197B2; US11894611B2; USD954688S; WO2020115220A1; US9828036B2; US10137938B2; WO2012022301A3; WO2015176219A1

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)

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