

Title (en)

RADOME AND ANTENNA SYSTEM WITH ELEVATION COMPENSATION FUNCTION

Title (de)

RADOM UND ANTENNENSYSYSTEM MIT HÖHENKOMPENSATIONSFUNKTION

Title (fr)

RADÔME ET SYSTEME D'ANTENNE AVEC FONCTION DE COMPENSATION D'ELEVATION

Publication

**EP 4278412 A1 20231122 (FR)**

Application

**EP 22702160 A 20220113**

Priority

- FR 2100325 A 20210114
- EP 2022050666 W 20220113

Abstract (en)

[origin: WO2022152805A1] Radome (RDM) comprising a shell (CD) made of dielectric material having an outer face (FE) and an inner face (FI), the inner face defining, together with a supporting surface (PS), a volume (V) that is intended to contain an antenna (A), characterized in that it has, in or close to at least one peripheral region of its inner face, a diffracting structure (SD, SD') locally akin to a transmission diffraction grating. Antenna system comprising such a radome containing an antenna (A), for example an aimable antenna.

IPC 8 full level

**H01Q 1/28** (2006.01); **H01Q 1/42** (2006.01); **H01Q 15/08** (2006.01)

CPC (source: EP)

**H01Q 1/28** (2013.01); **H01Q 1/42** (2013.01); **H01Q 15/08** (2013.01)

Citation (search report)

See references of WO 2022152805A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3118835 A1 20220715; FR 3118835 B1 20230714; EP 4278412 A1 20231122; WO 2022152805 A1 20220721**

DOCDB simple family (application)

**FR 2100325 A 20210114; EP 2022050666 W 20220113; EP 22702160 A 20220113**