

Title (en)

Secondary reflector for a double reflector antenna

Title (de)

Subreflektor einer Doppelreflektorantenne

Title (fr)

Réflecteur secondaire pour une antenne à double réflecteur

Publication

EP 2264832 A3 20110119 (FR)

Application

EP 10164928 A 20100604

Priority

FR 0953694 A 20090604

Abstract (en)

[origin: EP2264832A2] The reflector (40) has a primary end including primary diameter, and a secondary end including secondary diameter larger than primary diameter. A dielectric body extends between the ends, and is limited by an inner surface and an outer surface. The dielectric body includes, at level of the primary end, a bulge forming a cornet (42) whose small diameter end is adapted for coupling to an end of a cylindrical waveguide (41), where an outer face of the cornet has reflecting function, and is made of metal.

IPC 8 full level

H01Q 19/19 (2006.01)

CPC (source: EP)

H01Q 19/193 (2013.01)

Citation (search report)

- [I] US 6724349 B1 20040420 - BAIRD JOSEPH MARK [US], et al
- [A] JP 2009017346 A 20090122 - JAPAN RADIO CO LTD
- [A] MALIK D P S ET AL: "Splash Plate Feed Design", EUROPEAN MICROWAVE CONFERENCE, 1975. 5TH, IEEE, PISCATAWAY, NJ, USA, 1 October 1975 (1975-10-01), pages 41 - 45, XP031060185

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2264832 A2 20101222; EP 2264832 A3 20110119; EP 2264832 B1 20150819; FR 2946466 A1 20101210; FR 2946466 B1 20120330

DOCDB simple family (application)

EP 10164928 A 20100604; FR 0953694 A 20090604