

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)

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Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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