Title (en)

Waveguide radiator

Title (de)

Hohlleiterstrahler

Title (fr)

Radiateur à guide d'ondes

Publication

**EP 0933833 A1 19990804 (DE)**

Application

**EP 99100867 A 19990119**

Priority

DE 19803565 A 19980130

Abstract (en)

The waveguide emitter has a circular guide section (3) and a short circuit wall (2). A coaxial supply (4) is formed in the base and an opening (5) is formed in the wall together with a capacitive probe (6) that has a connection (7) with the centre conductor of the supply. A short circuit bracket (10) is symmetrical about the main axis (A) and is connected to a second probe (9). The probes provide the coupling system for the polarisation direction.

Abstract (de)

Die Erfindung betrifft eine Antenne mit zwei orthogonalen Einspeisungen aus koaxialen Leitern in einen runden oder quadratischen Hohlleiterstrahler. <IMAGE>

IPC 1-7

**H01Q 13/02**; H01Q 13/06; H01P 5/103

IPC 8 full level

**H01P 5/103** (2006.01); **H01Q 7/00** (2006.01); **H01Q 13/06** (2006.01); **H01Q 19/10** (2006.01)

CPC (source: EP US)

**H01P 5/103** (2013.01 - EP US); **H01Q 7/00** (2013.01 - EP US); **H01Q 13/06** (2013.01 - EP US); **H01Q 19/10** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

ES FR GB IT NL SE

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**DE 29818848 U1 19990107**; CA 2260394 A1 19990730; EP 0933833 A1 19990804; EP 0933833 B1 20031119; ES 2207037 T3 20040516; US 6154183 A 20001128

DOCDB simple family (application)

**DE 29818848 U 19981022**; CA 2260394 A 19990129; EP 99100867 A 19990119; ES 99100867 T 19990119; US 24085499 A 19990201