

Title (en)

Excitation arrangement of a circular polarised wave with a patch antenna in a waveguide.

Title (de)

Anregungsvorrichtung einer zirkularpolarisierten Welle mit einer Flachantenne in einem Hohlleiter.

Title (fr)

Dispositif d'excitation d'un guide d'onde en polarisation circulaire par une antenne plane.

Publication

**EP 0315141 B1 19931229 (FR)**

Application

**EP 88118239 A 19881102**

Priority

FR 8715359 A 19871105

Abstract (en)

[origin: EP0315141A1] Arrangement for exciting a circularly polarised waveguide via a flat antenna, this waveguide (10) being a straight hollow guide closed at one end (12), this antenna being excited by at least two coaxial drives (13, 14) supplied in phase quadrature by a circuit comprising a hybrid coupler (15), and consists of a flat metal radiating pattern (11) laid on the surface of an insulating substrate (18) closing the guide (10) perpendicularly to its axis of symmetry. <??>Application in particular to the field of microwaves. <IMAGE>

IPC 1-7

**H01P 1/17**

IPC 8 full level

**H01Q 13/08** (2006.01); **H01P 1/17** (2006.01); **H01Q 13/18** (2006.01)

CPC (source: EP US)

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