

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

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CPC (source: EP US)

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Cited by

EP0350324A3; EP0426972A1; FR2651926A1; US5539420A

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