

Title (en)

Device for coupling a probe to a waveguide

Title (de)

Anordnung zum Ankoppeln einer Sonde an einen Hohlleiter

Title (fr)

Dispositif de couplage d'une sonde à un guide d'ondes

Publication

EP 0798804 B1 20030709 (DE)

Application

EP 96115285 A 19960924

Priority

DE 19611841 A 19960326

Abstract (en)

[origin: EP0798804A2] The coupling between a probe (4) and a hollow waveguide (1) is provided by a wave reflection filter structure (6). This is positioned in the separation plane between the two halves (2,3) of the housing (2,3) of the waveguide, adjacent to the probe. The filter arrangement may have a waffle iron surface structure, and the probe is provided by the inner conductor of a coaxial line, with its outer conductor galvanically connected to the half of the waveguide housing (3) supporting the probe.

IPC 1-7

H01P 5/10

IPC 8 full level

H01P 5/10 (2006.01); **H01P 5/103** (2006.01); **H01P 5/107** (2006.01)

CPC (source: EP KR)

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DOCDB simple family (publication)

EP 0798804 A2 19971001; **EP 0798804 A3 19980722**; **EP 0798804 B1 20030709**; DE 19611841 A1 19971009; DE 59610594 D1 20030814; KR 970067999 A 19971013

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EP 96115285 A 19960924; DE 19611841 A 19960326; DE 59610594 T 19960924; KR 19970010256 A 19970325