

Title (en)

Microwave matching arrangement for a waveguide-to-planar line transition.

Title (de)

Mikrowellen-Anpassungsvorrichtung für einen Übergang zwischen einem Hohlleiter und einer Planarleitung.

Title (fr)

Dispositif hyperfréquence de réglage pour une transition guide d'onde-ligne planaire.

Publication

**EP 0334270 B1 19931124 (FR)**

Application

**EP 89104976 A 19890320**

Priority

FR 8803804 A 19880323

Abstract (en)

[origin: EP0334270A1] Microwave matching arrangement for a waveguide (11)-planar line (10) transition comprising an intermediate coaxial guide (12), in which the coaxial guide comprises a core (20) which, at its first end, opens into the waveguide, terminating in an antenna (23), and which, at its second end, passes through the substrate (15) on which the planar line is arranged, in that a curved metal strip (26) is, at a first end, integral with the second end of this core (20), and a screw (27) is integral with the second end of the said strip (26) so as to play on its separation (s) from the said line (18). <??>Application in particular to radio telecommunications. <IMAGE>

IPC 1-7

**H01P 5/04**; **H01P 5/107**

IPC 8 full level

**H01P 5/02** (2006.01); **H01P 5/04** (2006.01); **H01P 5/107** (2006.01)

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**EP 89104976 A 19890320**; DE 68910856 T 19890320; FR 8803804 A 19880323; JP 6912789 A 19890320; US 32730389 A 19890322