

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

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EP 0334270 A1 19890927; **EP 0334270 B1 19931124**; DE 68910856 D1 19940105; DE 68910856 T2 19940317; FR 2629276 A1 19890929; FR 2629276 B1 19910607; JP H01297903 A 19891201; US 4970477 A 19901113

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