

Title (en)

Transition between a waveguide and a coaxial line.

Title (de)

Übergang zwischen einem Hohlleiter und einem Koaxialleiter.

Title (fr)

Transition entre un guide d'ondes et une ligne coaxiale.

Publication

**EP 0508867 A1 19921014 (FR)**

Application

**EP 92400944 A 19920403**

Priority

FR 9104296 A 19910409

Abstract (en)

The present invention relates to a transition between a waveguide (21) and a coaxial line (20) provided with an inner conductor (23) penetrating into the waveguide (21). The transition extends the inner conductor (23) between a first wall (22) of the waveguide (21) and a second wall (25) opposite the first. The transition includes a solid portion (27) surmounted by a flared portion (26). The solid portion (27) forms a rim (28) around the large end of the flared portion (26). A short-circuit (30) in contact with the solid portion (27) closes the waveguide (21). <IMAGE>

IPC 1-7

**H01P 5/103**

IPC 8 full level

**H01P 5/103** (2006.01)

CPC (source: EP)

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Citation (search report)

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