

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)

H01P 5/103 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0508867 A1 19921014; FR 2675313 A1 19921016

DOCDB simple family (application)

EP 92400944 A 19920403; FR 9104296 A 19910409