Title (en)

Microstrip line to waveguide transition and use of said transition

Title (de)

Übergang von einer Mikrostripleitung zu einem Hohlleiter sowie Verwendung eines solchen Übergangs

Title (fr)

Transition ligne microbande à guide d' ondes et utilisation d' une telle transition

Publication

EP 0936692 A3 20010516 (DE)

Application

EP 99440016 A 19990129

Priority

DE 19805911 A 19980213

Abstract (en)

[origin: EP0936692A2] A micro strip conductor (1) is formed on the metal base substrate (6) and is coupled to a monolithic integrated microwave circuit (7). A dielectric layer (3) is between the conductor and the base. The metal base is cut back to form a resonator region (2) and the conductor has a slit shaped aperture (5).

IPC 1-7

H01P 5/107

IPC 8 full level

H01P 5/107 (2006.01)

CPC (source: EP US)

H01P 5/107 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 99440016 A 19990129; CA 2260407 A 19990212; DE 19805911 A 19980213; JP 3176499 A 19990209; US 24944099 A 19990212