

Title (en)

TRANSITION FROM A WAVEGUIDE TO A MICROSTRIP

Title (de)

ÜBERGANG VON EINEM HOHLLEITER AUF EINE STREIFENLEITUNG

Title (fr)

TRANSITION ENTRE UN GUIDE D'ONDES ET UNE MICROBANDE

Publication

EP 1205006 A1 20020515 (DE)

Application

EP 00949855 A 20000719

Priority

- DE 19934351 A 19990722
- IB 0001140 W 20000719

Abstract (en)

[origin: US2005040911A1] A transition from a waveguide to a microstrip, including a substrate having a plurality of ground surfaces superimposed on one another, the microstrip extending on the substrate and a plurality of through-contacts providing electrical connectivity to the plurality of ground surfaces. Wherein the waveguide includes a waveguide wall with an opening therein, the substrate projecting through the opening into the waveguide such that at least a portion of the microstrip is disposed within the waveguide, at least one of the plurality of ground surfaces being in contact with the waveguide wall.

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)

See references of WO 0108252A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 2005040911 A1 20050224; US 7002431 B2 20060221; AT E353165 T1 20070215; AU 6311100 A 20010213; CN 1196222 C 20050406; CN 1364325 A 20020814; DE 19934351 A1 20010208; DE 50014027 D1 20070322; EP 1205006 A1 20020515; EP 1205006 B1 20070131; NO 20020297 D0 20020118; NO 20020297 L 20020315; WO 0108252 A1 20010201

DOCDB simple family (application)

US 93713104 A 20040909; AT 00949855 T 20000719; AU 6311100 A 20000719; CN 00810739 A 20000719; DE 19934351 A 19990722; DE 50014027 T 20000719; EP 00949855 A 20000719; IB 0001140 W 20000719; NO 20020297 A 20020118