

Title (en)
Stripline transition device

Title (de)
Streifenleitungsübertragungsvorrichtung

Title (fr)
Dispositif de transition pour ligne à bande

Publication
EP 0880194 A1 19981125 (EN)

Application
EP 97610017 A 19970521

Priority
EP 97610017 A 19970521

Abstract (en)
An electronic circuit for transmitting high frequency signals, in particular ultrahigh frequency signals, comprises a first circuit part comprising: a first waveguide including a first electrode, a first coplanar strip line of a symmetrical configuration and including two strip line electrodes, and a first active device having a control terminal and two output terminals connected to the first electrode and to the two strip line electrodes respectively, a second circuit part comprising: a second coplanar strip line of a symmetrical configuration and including two strip line electrodes, a second waveguide including a second electrode, and a second active device having two control terminals and an output terminal, connected to the strip line electrodes and to the second electrode, respectively. The first circuit part and the second circuit part are connected in a cascade configuration in which the first circuit part constitutes an input part or alternatively connected in a cascade configuration in which the second circuit part constitutes an input part.
<IMAGE>

IPC 1-7
H01P 5/10

IPC 8 full level
H01P 5/10 (2006.01)

CPC (source: EP)
H01P 5/10 (2013.01)

Citation (search report)

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