

Title (en)  
MICROSTRIP MICROWAVE BALUN

Publication  
**EP 0022990 B1 19840516 (DE)**

Application  
**EP 80103986 A 19800710**

Priority  
DE 2929522 A 19790720

Abstract (en)  
[origin: US4361818A] A balanced converter for the microwave range which allows simple construction of modulators and similar electrical assemblies which have particularly good properties as far as noise level and decoupling are concerned. A first embodiment is constructed in microstrip line technology and provides a transition from a line which is asymmetrical to ground and a microstrip and coplanar line to a line which is symmetrical to ground and in which the embodiment is formed from metal strips arranged on a dielectric plate. A second embodiment of the balanced converter is constructed in triplate technology.

IPC 1-7  
**H01P 5/10**

IPC 8 full level  
**H03C 1/58** (2006.01); **H01P 3/08** (2006.01); **H01P 5/10** (2006.01); **H01P 5/12** (2006.01); **H03C 1/54** (2006.01); **H03D 9/06** (2006.01)

CPC (source: EP US)  
**H01P 5/10** (2013.01 - EP US)

Cited by  
EP0146086A3; US4359782A; EP0097075A1; FR2528239A1

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DOCDB simple family (publication)  
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