

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

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0022990 A1 19810128; EP 0022990 B1 19840516; AT E7550 T1 19840615; AU 520953 B2 19820311; AU 6062180 A 19810205; DE 2929522 A1 19810129; DE 3067833 D1 19840620; JP S5620303 A 19810225; JP S608644 B2 19850305; US 4361818 A 19821130

DOCDB simple family (application)
EP 80103986 A 19800710; AT 80103986 T 19800710; AU 6062180 A 19800718; DE 2929522 A 19790720; DE 3067833 T 19800710; JP 9764780 A 19800718; US 16215880 A 19800623