

Title (en)

COMMON NODE REACTANCE NETWORK FOR A BROADBAND CROSS BEAM LUMPED-ELEMENT CIRCULATOR

Publication

EP 0472087 A3 19921125 (EN)

Application

EP 91113525 A 19910812

Priority

US 56837890 A 19900815

Abstract (en)

[origin: EP0472087A2] A microwave circulator circuit having a multiple port lumped-element circulator, and a common node reactance network for coupling the lumped element circulator to the common ground plane of the microwave circuit with which the circulator circuit is utilized. <IMAGE>

IPC 1-7

H01P 1/387

IPC 8 full level

H01P 1/36 (2006.01); **H01P 1/383** (2006.01); **H01P 1/387** (2006.01)

CPC (source: EP KR)

H01P 1/38 (2013.01 - KR); **H01P 1/387** (2013.01 - EP)

Citation (search report)

- [X] US 3818381 A 19740618 - KONISHI Y, et al
- [X] US 3517340 A 19700623 - MAGALHAES FRANK M
- [X] US-E-RE28998 (KATOH)

Cited by

EP0653799A3; CN105226358A; CN113381151A; EP0865093A1; EP0682380A1; US5638032A

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0472087 A2 19920226; EP 0472087 A3 19921125; EP 0472087 B1 19971001; AU 640811 B2 19930902; AU 8248291 A 19920227; CA 2048537 A1 19920216; DE 69127793 D1 19971106; DE 69127793 T2 19980115; ES 2109247 T3 19980116; IL 99092 A0 19920715; IL 99092 A 19950629; JP H0595207 A 19930416; KR 920005405 A 19920328; KR 930010678 B1 19931105

DOCDB simple family (application)

EP 91113525 A 19910812; AU 8248291 A 19910814; CA 2048537 A 19910807; DE 69127793 T 19910812; ES 91113525 T 19910812; IL 9909291 A 19910805; JP 20439591 A 19910814; KR 910014014 A 19910814