

Title (en)

MICROWAVE DIRECTIONAL COUPLER, AND MICROWAVE DEVICE MAKING USE OF INTEGRATED CIRCUITS COMPRISING SUCH A COUPLET

Publication

EP 0004228 B1 19810325 (FR)

Application

EP 79400122 A 19790227

Priority

FR 7807281 A 19780314

Abstract (en)

[origin: US4224584A] A directional microwave coupler with, on one face of a substrate of dielectric material, an arrangement of conductive zones and strips forming two coplanar lines. The central conductive strips of the coplanar lines continue into other conductive strips, with a transverse conductive strip forming an electrical connection between the central conductive strips of the coplanar lines and the other conductive strips. The second face of the substrate of dielectric material opposite from the first face is provided with a conductive underlay which is coupled electrically to a central conductive zone common to the coplanar lines. The conductive underlay in conjunction with the other conductive strips forms microstrip lines.

IPC 1-7

H01P 5/18

IPC 8 full level

H01P 5/18 (2006.01)

CPC (source: EP US)

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Cited by

AU580101B2; DE2838317A1; EP0008707A3

Designated contracting state (EPC)

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EP 0004228 A2 19790919; EP 0004228 A3 19791017; EP 0004228 B1 19810325; DE 2960208 D1 19810416; FR 2420220 A1 19791012; FR 2420220 B1 19800919; US 4224584 A 19800923

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EP 79400122 A 19790227; DE 2960208 T 19790227; FR 7807281 A 19780314; US 1889379 A 19790309