

Title (en)
MICROWAVE CIRCULATOR

Publication
EP 0197476 B1 19920909 (DE)

Application
EP 86104356 A 19860329

Priority
DE 3512142 A 19850403

Abstract (en)
[origin: EP0197476A2] An easily manufactured microwave circulator having a dielectric substrate (2), carrying a strip-line branching network (1) and a ferrite disc (4), which is inserted in a cut-out (3) underneath the strip-line branching network (1) and at least partially penetrating the substrate (2), is produced by the substrate (2) being fitted with its side opposite to the strip-line branching network (1) on a metal plate (5), the metal plate (5) having a through-hole (6), into which the ferrite disc (4) protruding into the cut-out (3) of the substrate (2) continues, and the hole opening being covered by an electrically conductive disc (7). <IMAGE>

IPC 1-7
H01P 1/387

IPC 8 full level
H01P 1/387 (2006.01)

CPC (source: EP)
H01P 1/387 (2013.01)

Cited by
US11152677B2; CN103855456A; AU598595B2; EP0962980A1; FR2779576A1

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DOCDB simple family (publication)
EP 0197476 A2 19861015; EP 0197476 A3 19880831; EP 0197476 B1 19920909; AT E80500 T1 19920915; DE 3512142 A1 19861009; DE 3686663 D1 19921015

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