

Title (en)
Directional coupler

Title (de)
Richtkoppler

Title (fr)
Coupleur directionnel

Publication
EP 1014472 B1 20040407 (DE)

Application
EP 99123509 A 19991125

Priority
DE 19858470 A 19981217

Abstract (en)
[origin: EP1014472A1] The coupler includes loosely coupled sections (1,3) in microstrip line on one side of a printed circuit board and tightly coupled sections (2) between microstrip lines on opposite sides of the board with through connections (11).

IPC 1-7
H01P 5/18

IPC 8 full level
H01P 5/18 (2006.01)

CPC (source: EP)
H01P 5/185 (2013.01); **H01P 5/187** (2013.01)

Cited by
DE102005016054A1; US7245192B2; GB2439501A; GB2439501B; EP1837946A1; US7755451B2; WO2006096445A1; EP1837946B1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 19858470 A1 20000621; DE 59909108 D1 20040513; EP 1014472 A1 20000628; EP 1014472 B1 20040407

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DE 19858470 A 19981217; DE 59909108 T 19991125; EP 99123509 A 19991125