

Title (en)

Method for generating arbitrary passive beam forming networks

Title (de)

Verfahren zur Erzeugung eines passiven Netzwerk zur Strahlformung

Title (fr)

Procédé pour générer un réseau passif de formation de faisceau

Publication

**EP 1398849 B1 20080402 (EN)**

Application

**EP 03255682 A 20030911**

Priority

US 24231102 A 20020911

Abstract (en)

[origin: EP1398849A1] The power division branching network having several branching nodes connected to output nodes (120a-120p), is determined, such that the ratio of power distributed to branches at branching nodes is minimized throughout the branching network. The optimal physical layout configuration of the branching network is determined. Microstrip lines are used in a tree structure. Independent claims are also included for the following: (1) method for providing passive beam forming network; and (2) system for generating passive beam forming network.

IPC 8 full level

**H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP)

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