Title (en)

HIGH-FREQUENCY WIDE BAND TRANSFORMER CIRCUIT

Publication

EP 0218846 B1 19891102 (DE)

Application

EP 86111320 A 19860816

Priority

DE 3536799 A 19851016

Abstract (en)

[origin: EP0218846A1] 1. A high-frequency wide band transformer circuit having a twin-hole (19) core and planar windings, a second winding (W2) being provided between an input (E) of the circuit and a first output (A), the first output (A) being connected to earth potential by way of a fourth winding (W4) and a resistor (R3) connected in series therewith, a tapping between a first resistor (R1) connected to earth and a third winding (W3) connected to a second output (S) being connected to earth by way of a first winding (W1) and a second resistor (R2), characterised in that a first conductor path (230) is disposed between that end (J) of the first winding (W1) which is remote from the second resistor (R2) and the tapping (K), and a second conductor path (240) is disposed between that end (L) of the second winding (W2) which is remote from the input (E) and that end (M) of the fourth winding (W4) which is remote from the third resistor (R3), said conductor paths being commonly disposed in an additional substrate plate (30) which is metal clad on one side and which is secured in, and at right angles to, the printed circuit board (10).

IPC 1-7

H01F 19/06; H03H 7/48

IPC 8 full level

H01F 17/00 (2006.01); **H01F 19/06** (2006.01); **H03H 7/48** (2006.01)

CPC (source: EP)

H01F 17/0006 (2013.01); **H01F 19/06** (2013.01)

Cited by

DE102005037616A1; US7295095B2; US7078997B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0218846 A1 19870422; **EP 0218846 B1 19891102**; AT E47767 T1 19891115; DE 3536799 A1 19870416; DE 3666744 D1 19891207; DK 163904 B 19920413; DK 163904 C 19920914; DK 493686 A 19870417; DK 493686 D0 19861015

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