

Title (en)
HIGH-FREQUENCY IMPEDANCE TRANSFORMER

Title (de)
HOCHFREQUENZ-IMPEDANZWANDLER

Title (fr)
TRANSFORMATEUR D'IMPEDANCE A HAUTE FREQUENCE

Publication
EP 0769213 A1 19970423 (FR)

Application
EP 95924356 A 19950622

Priority
• FR 9500836 W 19950622
• FR 9408598 A 19940707

Abstract (en)
[origin: US5774026A] PCT No. PCT/FR95/00836 Sec. 371 Date Jan. 7, 1997 Sec. 102(e) Date Jan. 7, 1997 PCT Filed Jun. 22, 1995 PCT Pub. No. WO96/02073 PCT Pub. Date Jan. 25, 1996A coupling and matching device for high frequency or microwave signal transmission includes two line sections (9, 10) with parallel, weakly coupled portions (9', 10'), where the primary section (9) forms a short circuit and is connected to a relatively low output impedance device while the secondary section (10) is connected to a relatively high input impedance device. The coupling and matching device also includes a ground plane parallel to the secondary line section (10), and a member (12) for varying the difference between the secondary line section and the ground plane.

IPC 1-7
H01P 5/04

IPC 8 full level
H01P 5/04 (2006.01)

CPC (source: EP US)
H01P 5/04 (2013.01 - EP US)

Citation (search report)
See references of WO 9602073A1

Citation (examination)
• INSTRUMENTS AND EXPERIMENTAL TECHNIQUES., vol. 15, no. 6, Décembre 1972 NEW
• YORK US, pages 1798-1802, G.I. BRYUKHNEVICH ET AL. 'Matching of the shutter and deflecting systems of a PIM-3 image converter with a control circuit'

Designated contracting state (EPC)
BE DE DK ES FR GB GR IE IT LU NL PT

DOCDB simple family (publication)
US 5774026 A 19980630; CA 2194470 A1 19960125; DE 69502610 D1 19980625; DE 69502610 T2 19981126; DK 0769213 T3 19990315; EP 0769213 A1 19970423; EP 0769213 B1 19980520; ES 2119456 T3 19981001; FR 2722338 A1 19960112; FR 2722338 B1 19960913; JP H10505716 A 19980602; WO 9602073 A1 19960125

DOCDB simple family (application)
US 76518397 A 19970107; CA 2194470 A 19950622; DE 69502610 T 19950622; DK 95924356 T 19950622; EP 95924356 A 19950622; ES 95924356 T 19950622; FR 9408598 A 19940707; FR 9500836 W 19950622; JP 50414496 A 19950622