

Title (en)

Variable wideband microwave TT-arranged pin diode attenuator

Title (de)

Variables breitbandiges Mikrowellen-Dämpfungsglied mit in pi-Form angeordneten Pin-Dioden

Title (fr)

Atténuateur hyperfréquence variable à large bande avec des diodes pin arrangées en forme pi

Publication

EP 0921588 A1 19990609 (EN)

Application

EP 98440242 A 19981030

Priority

IT MI972468 A 19971105

Abstract (en)

A variable wideband pi attenuator is described comprising three PIN diodes, two being part of the shunt arms of the attenuator and one belonging to the series arm. With the use of suitable matching networks (RA1, RA2, RM1, RM2), that vanish the effects produced by the parasitic elements present in the PIN diode network, a considerable amplitude of the operating band is obtained. <IMAGE>

IPC 1-7

H01P 1/22

IPC 8 full level

H01P 1/22 (2006.01)

CPC (source: EP)

H01P 1/227 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

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