

Title (en)

Adjustment method, especially a frequency adjustment method of a printed microstrip filter, and filter obtained by this method.

Title (de)

Einstellungsverfahren, besonders Frequenzeinstellungsverfahren eines gedruckten Mikrostreifenleitungsfilters, und Filter nach dieser Art.

Title (fr)

Procédé d'ajustage notamment en fréquence d'un filtre imprimé en ligne "microbandes", et filtre obtenu par ce procédé.

Publication

EP 0127527 A1 19841205 (FR)

Application

EP 84401028 A 19840518

Priority

FR 8309008 A 19830531

Abstract (en)

[origin: US4638271A] A method is provided for adjusting the electrical characteristics and particularly the frequency of a microstrip-line printed filter with distributed constants. The method consists in depositing a strip of dielectric material on all the microstrip resonators of the filter.

Abstract (fr)

L'invention concerne principalement les filtres à constantes réparties. L'invention consiste dans le réglage de filtres à constantes réparties par dépôt d'un ruban de matière diélectrique. L'invention s'applique à tous les usages des filtres à constantes réparties.

IPC 1-7

H01P 1/203

IPC 8 full level

H01P 1/203 (2006.01); **H01P 7/08** (2006.01)

CPC (source: EP US)

H01P 1/203 (2013.01 - EP US)

Citation (search report)

- [X] DE 1228011 B 19661103 - SIEMENS AG
- [X] FR 2494917 A1 19820528 - OREGA ELECTRO MECANIQUE [FR]
- [X] FR 2070656 A1 19710917 - WESTERN ELECTRIC CO
- [X] FR 2016881 A1 19700515 - WESTERN ELECTRIC CO
- [X] IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol. MTT-26, no. 9, septembre 1978, pages 646-649, New York, US; D.D. PAOLINO: "MIC overlay coupler design using spectral domain techniques"

Cited by

EP0247542A1; CN111463528A; FR2570884A1; GB2164804A; GB2164804B; GB2240432A; GB2240432B; US5963115A; EP0532330A1; US5406238A; EP0438149A3; US5192926A; WO9748146A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0127527 A1 19841205; EP 0127527 B1 19910227; DE 3484149 D1 19910404; FR 2547116 A1 19841207; FR 2547116 B1 19851025; JP S59230302 A 19841224; US 4638271 A 19870120

DOCDB simple family (application)

EP 84401028 A 19840518; DE 3484149 T 19840518; FR 8309008 A 19830531; JP 10767084 A 19840529; US 61408384 A 19840525