

Title (en)

Evanescent-mode microwave band-pass filter.

Title (de)

Mikrowellen-Bandpassfilter vom Dämpfungstyp.

Title (fr)

Filtre passe-bande hyperfréquences en mode évanescent.

Publication

EP 0205151 A1 19861217 (FR)

Application

EP 86107876 A 19860610

Priority

FR 8508966 A 19850613

Abstract (en)

[origin: US4746883A] The microwave bandpass filter in the form of a cutoff frequency waveguide (1) or evanescent mode guide, being besides tunable within a range of frequencies and having at least one terminal (21, 22) of the coaxial type, has terminals each equipped with a crank-shaped coupling antenna (15) operable to be rotated about its longitudinal axis for filter tuning purposes.

Abstract (fr)

Filtre passe-bande hyperfréquences, en guide (1) sous la coupure, dit à mode évanescent, ledit filtre étant par ailleurs accordable dans une gamme de fréquences et ayant au moins un accès (21, 22) de type coaxial. Les dispositifs d'accès sont chacun équipés d'une antenne de couplage (15) en forme de vilebrequin, cette antenne pouvant tourner autour de son axe longitudinal.

IPC 1-7

H01P 1/219; **H01P 5/04**

IPC 8 full level

H01P 1/20 (2006.01); **H01P 1/205** (2006.01); **H01P 1/219** (2006.01); **H01P 5/04** (2006.01)

CPC (source: EP US)

H01P 1/205 (2013.01 - EP US); **H01P 1/219** (2013.01 - EP US); **H01P 5/04** (2013.01 - EP US)

Citation (search report)

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