

Title (en)

Resonant cavity filter for microwave signals

Title (de)

Hohlraumresonatorfilter für Mikrowellensignale

Title (fr)

Filtre à cavités résonantes pour signaux hyperfréquences

Publication

EP 1037298 A1 20000920 (EN)

Application

EP 00301206 A 20000216

Priority

- EP 00301206 A 20000216
- EP 99460018 A 19990310

Abstract (en)

In a filter for microwave signals comprising a plurality of resonant cavities and a longitudinal passage connecting them to each other, said plurality of resonant cavities and said longitudinal passage are entirely filled with a dielectric material whose relative permittivity epsilon r is greater than one.
<IMAGE>

IPC 1-7

H01P 1/208

IPC 8 full level

H01P 1/208 (2006.01)

CPC (source: EP)

H01P 1/2088 (2013.01)

Citation (search report)

- [X] US 4837535 A 19890606 - KONISHI YOSHIHIRO [JP], et al
- [XY] ABDELMONEM A ET AL: "SPURIOUS FREE D.R. TE MODE BAND PASS FILTER", IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST, SAN DIEGO, MAY 23 - 27, 1994, vol. 2, 23 May 1994 (1994-05-23), KUNO H J;WEN C P (EDITORS), pages 735 - 738, XP000516655, ISBN: 0-7803-1779-3
- [Y] MODELSKI J ET AL: "INTEGRATED INPUT CIRCUIT FOR SATELLITE CONVERTER", PROCEEDINGS OF THE EUROPEAN MICROWAVE CONFERENCE, LONDON, SEPT. 4 - 7, 1989, no. CONF. 19, 4 September 1989 (1989-09-04), MICROWAVE EXHIBITIONS AND PUBLICATIONS LTD, pages 543 - 548, XP000067322
- [A] PATENT ABSTRACTS OF JAPAN vol. 15, no. 494 (E - 1145) 13 December 1991 (1991-12-13)

Cited by

CN105098304A

Designated contracting state (EPC)

AT BE CH LI

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