

Title (en)

Device for filtering radio frequency signals, coaxial air cavity filter, and manufacturing method thereof

Title (de)

Vorrichtung zum Filtern von Funkfrequenzsignalen, koaxialer Luftteinschlussfilter und Herstellungsverfahren dafür

Title (fr)

Dispositif pour filtrer les signaux de fréquence radio, filtre à cavité d'air coaxial et procédé de fabrication correspondant

Publication

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Application

EP 09306099 A 20091116

Priority

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Abstract (en)

The invention relates to a device (DEV1) for filtering radio frequency signals, wherein the device (DEV1) comprises at least one resonator cavity (RC) for the radio frequency signals with a base plate, (BP1) and at least one inner conductor (IC1) extending upwards from the base plate (BP1), wherein the of least one inner conductor (IC1) is formed from a metal material and the base plate (BP1) is formed frame plastic material, and wherein the at least one inner conductor (IC1) is mounted to the base plate (BP1) by a molding fixation (MF1). The invention further relates to a coaxial air cavity filter and to a method for manufacturing a device for filtering radio frequency signals.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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