

Title (en)

Plastic combine filter with metal post to increase heat dissipation

Title (de)

Kunststoffkammfilter mit einem Metallpfosten zur Verbesserung der Wärmeabfuhr

Title (fr)

Filtre en plastique en forme de peigne avec un poteau métallique pour augmenter la dissipation thermique

Publication

EP 1746681 A1 20070124 (EN)

Application

EP 05015764 A 20050720

Priority

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Abstract (en)

The present invention relates to a coaxial resonator (1) comprising a housing (2) defining a cavity (1a) and having a base (3), a sidewall (4) extending upwardly from the base (3), and an upper cover plate (5). The sidewall (4) is formed from a plastic material (10) coated on its inside surface with a layer (11) of conductive material. An inner conductor (6) extends upwardly from the base (3) and is electrically connected to the base (3). The base (3) and the inner conductor (6) are formed from metal material.

IPC 8 full level

H01P 7/04 (2006.01)

CPC (source: EP)

H01P 1/2053 (2013.01); **H01P 7/04** (2013.01)

Citation (applicant)

- US 5329687 A 19940719 - SCOTT RICHARD D [US], et al
- US 3896545 A 19750729 - MACTURK WILLIAM L

Citation (search report)

- [Y] US 6167739 B1 20010102 - SIPILAE JUHA PETRI [FI]
- [Y] US 5329687 A 19940719 - SCOTT RICHARD D [US], et al
- [A] EP 1391963 A1 20040225 - ALLEN TELECOM INC [US]
- [A] US 6335668 B1 20020101 - HENNINGSSON BO UNO EGON [SE], et al

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