

Title (en)

A RADIO FREQUENCY FILTER COMPRISING A CHAMBER, AND A METHOD OF FILTERING

Title (de)

FUNKFREQUENZFILTER MIT EINER KAMMER UND FILTRIERVERFAHREN

Title (fr)

FILTRE DE FRÉQUENCE RADIO COMPRENANT UNE CHAMBRE ET PROCÉDÉ DE FILTRAGE

Publication

EP 3240100 A1 20171101 (EN)

Application

EP 16305491 A 20160428

Priority

EP 16305491 A 20160428

Abstract (en)

A radio frequency filter comprising a resonator chamber comprising a top wall, a first wall, a second wall opposite said first wall, side walls, and end walls, in which a radio frequency feeding member is disposed at least substantially within the chamber, the feeding member including an end portion which extends into a gap in the top wall so as to electromagnetically connect to a dielectric layer lying over the gap; in use, electricity being coupled into the feeding member via the dielectric layer so as to be electromagnetically coupled into the filter.

IPC 8 full level

H01P 1/205 (2006.01)

CPC (source: EP)

H01P 1/2053 (2013.01); **H01P 1/208** (2013.01); **H01P 5/107** (2013.01)

Citation (applicant)

CN 201946726 U 20110824 - SHENZHEN TAT FOOK TECHNOLOGY

Citation (search report)

- [X] US 2010045406 A1 20100225 - ANDREASSON KRISTER [SE]
- [X] US 2008024249 A1 20080131 - SCHREIBVOGEL GERHARD [AT]
- [X] EP 2800201 A1 20141105 - HUAWEI TECH CO LTD [CN]
- [A] US 4278957 A 19810714 - STARAI TERRENCE M, et al

Citation (examination)

- US 2013082797 A1 20130404 - TIMOFEEV IGOR [US]
- US 2012256794 A1 20121011 - VEIHL JONATHON C [US], et al

Cited by

CN109888443A; CN114243240A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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