

Title (en)  
RF FILTER

Title (de)  
HF-FILTER

Title (fr)  
FILTRE RF

Publication  
**EP 3430673 A1 20190123 (EN)**

Application  
**EP 17729173 A 20170317**

Priority  
• CN 201610157297 A 20160318  
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Abstract (en)  
[origin: WO2017158241A1] The invention relates to an RF filter comprising a casing (C), a wall structure (W) between a bottom (B) and cover (T) of which defines inside of it at least one compartment (CPA1-CPA4). The RF filter has compartment-specific resonators (R1-R4), and the RF filter comprises a signal port (SP1) and an RF transmission line (TL) connected to it, the RF transmission line being arranged to transfer an RF signal to the compartments (CPA1-CPA4) of the RF filter. In order to support the RF transmission line, the wall structure (W) of the casing (C) comprises one or more supporting brackets (SU1-SU4, SU11-SU13) which are bent from a wall of the wall structure and to which the transmission line (TL) is fixed by means of an insulating mounting (IS).

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**H01P 1/205** (2006.01)

CPC (source: CN EP)  
**H01P 1/2053** (2013.01 - EP); **H01P 1/207** (2013.01 - CN)

Citation (search report)  
See references of WO 2017158241A1

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