

Title (en)  
Ceramic microwave filter

Title (de)  
Mikrowellen-Keramikfilter

Title (fr)  
Filtre céramique hyperfréquence

Publication  
**EP 0693794 A1 19960124 (DE)**

Application  
**EP 95110347 A 19950703**

Priority  
DE 4425707 A 19940720

Abstract (en)  
The filter has a defined transmission band and a high attenuation for frequencies outside this band, using at least 2 coaxial resonators (1, 2) for acting as band blocking devices. The coaxial resonators are connected in series and have resonance frequencies outside the defined transmission band, respectively lying above and below the latter. Pref., the filter uses a pair of halfwave resonators each having a metallised bore (3, 4) extending inwards from a respective end face of the resonator ceramic body. <IMAGE>

Abstract (de)  
Mikrowellen-Keramikfilter mit einem vorgegebenen Durchlaßfrequenzband sowie mit einem Bereich hoher Dämpfung um eine vorgegebene Frequenz außerhalb des Durchlaßfrequenzbandes unter Verwendung von als Bandsperre und in Reihe geschalteten Koaxial-Resonatoren (1, 2), die von der vorgegebenen Frequenz abweichende Resonanzfrequenzen besitzen. <IMAGE>

IPC 1-7  
**H01P 1/20**

IPC 8 full level  
**H01P 1/20** (2006.01)

CPC (source: EP)  
**H01P 1/20** (2013.01)

Citation (applicant)  

- US 4464640 A 19840807 - NISHIKAWA TOSHIO [JP], et al
- DE 4232054 A1 19940331 - SIEMENS MATSUSHITA COMPONENTS [DE]
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Citation (search report)  

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- [Y] US 4862122 A 19890829 - BLAIR JR WILLIAM D [US], et al
- [A] US 4636759 A 19870113 - ISHIKAWA YOUHEI [JP], et al
- [A] US 2630490 A 19530303 - RICHARDS PAUL I
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 145 (E - 407)<2202> 28 May 1986 (1986-05-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 49 (E - 161)<1194> 25 February 1983 (1983-02-25)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI PT SE

DOCDB simple family (publication)  
**EP 0693794 A1 19960124**; DE 4425707 A1 19960201; DE 4425707 C2 19961219

DOCDB simple family (application)  
**EP 95110347 A 19950703**; DE 4425707 A 19940720