

Title (en)

MICROWAVE CERAMIC FILTER WITH AN IMPROVED EDGE STEEPNESS

Title (de)

MIKROWELLEN-KERAMIKFILTER MIT VERBESSERTER FLANKENSTEILHEIT

Title (fr)

FILTRE CERAMIQUE HYPERFREQUENCE PRESENTANT UNE PENTE DE SIGNAL AMELIOREE

Publication

EP 1074058 B1 20041020 (DE)

Application

EP 99910137 A 19990212

Priority

- DE 9900405 W 19990212
- DE 19811861 A 19980318

Abstract (en)

[origin: US6552633B1] The invention relates to a ceramic microwave filter having an insertion loss characteristic curve with an improved steepness. At least two resonators are provided in a one-piece ceramic body and coupling structures are assigned to the resonators for capacitively coupling the ceramic filter to an external RF circuit. At least one counter-oscillator is led in parallel with the resonators in the ceramic body.

IPC 1-7

H01P 1/205

IPC 8 full level

H01P 1/205 (2006.01)

CPC (source: EP US)

H01P 1/2056 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6552633 B1 20030422; AT E280441 T1 20041115; DE 29903966 U1 19990617; DE 59910901 D1 20041125; EP 1074058 A1 20010207; EP 1074058 B1 20041020; WO 9948166 A1 19990923

DOCDB simple family (application)

US 66400000 A 20000918; AT 99910137 T 19990212; DE 29903966 U 19990304; DE 59910901 T 19990212; DE 9900405 W 19990212; EP 99910137 A 19990212