

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