

Title (en)

HIGH FREQUENCY FILTER WITH CLOSED CIRCUIT COUPLING

Title (de)

HOCHFREQUENZFILTER MIT SPERRKREISKOPPLUNG

Title (fr)

FILTRE À HAUTE FRÉQUENCE AVEC COUPLAGE DE CIRCUIT DE VERROUILLAGE

Publication

EP 2095459 A1 20090902 (DE)

Application

EP 07856439 A 20071206

Priority

- EP 2007010634 W 20071206
- DE 102006061141 A 20061222

Abstract (en)

[origin: DE102006061141A1] High frequency filter has a transfer behavior with a coupling impedance resonance with a blocking site at a specified frequency. The blocking site can be adjusted at the specified frequency by prescribing and/or selecting a defined capacitive and inductive coupling between two coaxial resonators (15) directly connected to a signal path (10). Preferred Features: n-coaxial resonators are coupled together on the signal path. The filter has band pass filters and a pair of coaxial resonators lying directly next to each other in the signal path have a trap circuit coupling per band pass filter.

IPC 8 full level

H01P 1/205 (2006.01); **H01P 1/213** (2006.01)

CPC (source: EP KR)

H01P 1/205 (2013.01 - KR); **H01P 1/2053** (2013.01 - EP); **H01P 1/213** (2013.01 - KR); **H01P 1/2136** (2013.01 - EP)

Citation (search report)

See references of WO 2008080503A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006061141 A1 20080626; **DE 102006061141 B4 20141211**; AU 2007341704 A1 20080710; AU 2007341704 B2 20120809; CN 101563809 A 20091021; CN 101563809 B 20140917; EP 2095459 A1 20090902; KR 101484934 B1 20150121; KR 20090098822 A 20090917; WO 2008080503 A1 20080710

DOCDB simple family (application)

DE 102006061141 A 20061222; AU 2007341704 A 20071206; CN 200780047099 A 20071206; EP 07856439 A 20071206; EP 2007010634 W 20071206; KR 20097012217 A 20071206