

Title (en)
Bandpass filter with multiple coaxial cavities

Title (de)
Mehrkreisiges Bandfilter aus Topfkreisen

Title (fr)
Filtre passe-bande à cavités coaxiales multiples

Publication
EP 1045470 A3 20011107 (DE)

Application
EP 00103911 A 20000224

Priority
DE 19916605 A 19990413

Abstract (en)
[origin: EP1045470A2] The filter has coupled cavity resonators, of which at least two that are not in series for HF signals are connected for negative feedback via connectors inserted into each resonator. The cavity resonators are arranged so that at least the negatively coupled ones bound on each other and the conductor is in the form of a loop (21) protruding into one resonator that is connected through a slot (41) in the dividing wall (40) of the bounding resonator to a strut (22) in the other resonator.

IPC 1-7
H01P 1/205

IPC 8 full level
H01P 1/205 (2006.01)

CPC (source: EP)
H01P 1/2053 (2013.01)

Citation (search report)
• [Y] DE 2161792 A1 19730614 - SIEMENS AG
• [Y] EP 0101369 A1 19840222 - THOMSON CSF [FR]
• [A] US 4890078 A 19891226 - RADCLIFFE CHRISTOPHER J [GB]

Cited by
EP2077600A1

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)
EP 1045470 A2 20001018; EP 1045470 A3 20011107; EP 1045470 B1 20040303; DE 19916605 C1 20010118; ES 2215503 T3 20041016

DOCDB simple family (application)
EP 00103911 A 20000224; DE 19916605 A 19990413; ES 00103911 T 20000224