

Title (en)
Tunable microwave filter.

Title (de)
Abstimmbarer Mikrowellenfilter.

Title (fr)
Filtre agile hyperfréquence.

Publication
EP 0443481 B1 19950621 (FR)

Application
EP 91102262 A 19910218

Priority
FR 9002280 A 19900223

Abstract (en)
[origin: EP0443481A1] Ferrite-tuneable agile microwave filter. <??>It is built as a filter with resonators with dielectric confinement, and therefore comprises an evanescent-mode guide (2) and resonant cylinders (15, 16) placed in this guide. Furthermore, means (11A, 11B, 17) are provided for applying an adjustable magnetic field (H1, H2) to these cylinders (15, 16), which have the feature of being made of ferrite, in order to shift the central frequency of this filter. <IMAGE>

IPC 1-7
H01P 1/208; **H01P 7/10**

IPC 8 full level
H01P 1/20 (2006.01); **H01P 1/208** (2006.01); **H01P 1/215** (2006.01); **H01P 7/10** (2006.01)

CPC (source: EP US)
H01P 1/2084 (2013.01 - EP US); **H01P 1/215** (2013.01 - EP US); **H01P 7/10** (2013.01 - EP US)

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Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0443481 A1 19910828; **EP 0443481 B1 19950621**; CA 2036829 A1 19910824; CA 2036829 C 19940920; DE 69110494 D1 19950727; DE 69110494 T2 19951109; ES 2074180 T3 19950901; FR 2658954 A1 19910830; FR 2658954 B1 19921002; IL 97205 A0 19920525; IL 97205 A 19940125; JP H0537202 A 19930212; US 5184097 A 19930202

DOCDB simple family (application)
EP 91102262 A 19910218; CA 2036829 A 19910221; DE 69110494 T 19910218; ES 91102262 T 19910218; FR 9002280 A 19900223; IL 9720591 A 19910211; JP 5073691 A 19910222; US 65560491 A 19910215