

Title (en)

Dielectric resonator with microwave metallic strips and device using such a resonator

Title (de)

Dielektrischer Resonator mit Mikrowellenmetallstreifen und mit diesem Resonator ausgerüstete Vorrichtung

Title (fr)

Résonateur diélectrique à rubans métalliques micro-ondes et dispositif utilisant un tel résonateur

Publication

**EP 0446108 B1 19960508 (FR)**

Application

**EP 91400558 A 19910228**

Priority

FR 9003057 A 19900309

Abstract (en)

[origin: EP0446108A1] The invention relates to a dielectric resonator. <??>This resonator is of the type comprising a pattern of metallic microwave strips (A) arranged on a dielectric substrate of high relative permittivity and of annular general shape provided with a slot (1). It is characterised in that it comprises a negative-feedback loop circuit (B) including an active element (8) such as a transistor. <??>The invention is usable for example in band-stop or band-pass filters. <IMAGE>

IPC 1-7

**H01P 7/08**; **H01P 1/203**

IPC 8 full level

**H01P 1/203** (2006.01); **H01P 7/08** (2006.01)

CPC (source: EP US)

**H01P 1/20381** (2013.01 - EP US); **H01P 7/082** (2013.01 - EP US); **H01P 7/088** (2013.01 - EP US)

Cited by

EP1898486B1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0446108 A1 19910911**; **EP 0446108 B1 19960508**; CA 2037724 A1 19910910; DE 69119273 D1 19960613; DE 69119273 T2 19970102; FR 2659509 A1 19910913; FR 2659509 B1 19940729; US 5187460 A 19930216

DOCDB simple family (application)

**EP 91400558 A 19910228**; CA 2037724 A 19910307; DE 69119273 T 19910228; FR 9003057 A 19900309; US 66581691 A 19910307