

Title (en)

Filter using a dielectric resonator.

Title (de)

Filter mit einem dielektrischen Resonator.

Title (fr)

Filtre à résonateur diélectrique.

Publication

**EP 0328948 B1 19931215 (FR)**

Application

**EP 89101801 A 19890202**

Priority

FR 8801696 A 19880212

Abstract (en)

[origin: EP0328948A1] Filter with dielectric resonator comprising at least one cylindrical cavity (10) inside which is located a cylindrical dielectric resonator (11) whose axis of symmetry ( DELTA ) is collinear with that of the said cavity (10), characterised in that the resonator is held by a chuck system (16). <??>Application to the field of microwave frequencies. <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 7/10** (2006.01)

CPC (source: EP US)

**H01P 1/2084** (2013.01 - EP US); **H01P 7/10** (2013.01 - EP US)

Cited by

EP3145022A1; EP0438807A3; US5034711A; EP3280000A4; US6603374B1; US10862183B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0328948 A1 19890823**; **EP 0328948 B1 19931215**; CA 1306022 C 19920804; DE 68911333 D1 19940127; DE 68911333 T2 19940407; FR 2627329 A1 19890818; FR 2627329 B1 19900323; JP H01245702 A 19890929; US 4939489 A 19900703

DOCDB simple family (application)

**EP 89101801 A 19890202**; CA 590603 A 19890209; DE 68911333 T 19890202; FR 8801696 A 19880212; JP 3256889 A 19890210; US 31011789 A 19890213