

Title (en)

Adjustable temperature compensation system for microwave resonators.

Title (de)

Regelbares temperaturkompensiertes System für Mikrowellenresonatoren

Title (fr)

Système de compensation en température réglable pour résonateur micro-ondes

Publication

EP 1655802 B1 20091014 (FR)

Application

EP 05110380 A 20051104

Priority

FR 0452568 A 20041109

Abstract (en)

[origin: EP1655802A1] The device has a temperature compensation system (20) with bars (21, 22) made of a material with low thermal expansion rate with respect to the material in which a cavity of a microwave resonator is made. The system has a screw (40), made of the material with low thermal expansion rate, to modify the volume of the cavity to adjust resonant frequency of the cavity to remain in a preset dead zone.

IPC 8 full level

H01P 7/06 (2006.01)

CPC (source: EP US)

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Cited by

CN104347919A; US7564327B2; EP2256854A1; JP2010268459A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1655802 A1 20060510; EP 1655802 B1 20091014; AT E445920 T1 20091015; CA 2523371 A1 20060509; CA 2523371 C 20110125; CN 1812188 A 20060802; CN 1812188 B 20130403; DE 602005017108 D1 20091126; ES 2334038 T3 20100304; FR 2877773 A1 20060512; FR 2877773 B1 20070504; US 2006097827 A1 20060511; US 7453337 B2 20081118

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