

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 A1 20060510 (FR)

Application

EP 05110380 A 20051104

Priority

FR 0452568 A 20041109

Abstract (en)

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)

H01P 7/06 (2013.01 - EP US)

Citation (search report)

- [DX] EP 1187247 A2 20020313 - COM DEV LTD [CA]
- [A] US 2002089398 A1 20020711 - WOLK DIETER [DE], et al
- [A] US 4706053 A 19871110 - GIAVARINI ANDREA [IT]
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DOCDB simple family (publication)

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DOCDB simple family (application)

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