Title (en)

RESONATOR

Publication

EP 0154703 A3 19870624 (DE)

Application

EP 84115210 A 19841212

Priority

DE 3408581 A 19840309

Abstract (en)

[origin: US4742320A] To improve the space factor of a barium titanate resonator, the resonator is a tubular carrier (11) having metal layers on the inner and outer surfaces. At least one of the metal layers is axially interrupted by a slit. Terminal connections for the resonator are located adjacent the slit on the interrupted layer, and on the continuous layer. For shielding, preferably, the continuous layers at the outside and end tabs (FIG. 4) may additionally be provided. More than one axially staggered inner/outer electrode layer system may be provided on one tubular carrier.

IPC 1-7

H01P 7/08

IPC 8 full level

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

CPC (source: EP US)

H01P 7/082 (2013.01 - EP US)

Citation (search report)

- [A] US 2915718 A 19591201 - GRIEG DONALD D, et al
- [A] US 3260972 A 19660712 - GUNTER PUSCH
- [A] US 2838736 A 19580610 - FOSTER JAMES H
- [A] REVIEW OF SCIENTIFIC INSTRUMENTS, Band 45, Nr. 11, November 1974, Seiten 1445-1447, American Institute of Physics, US; B. JOHANSSON et al.: "A stripline resonator for ESR"

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EP0524011A3

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 0154703 A2 19850918; **EP 0154703 A3 19870624**; **EP 0154703 B1 19910814**; DE 3408581 A1 19850912; DE 3484930 D1 19910919; DK 105785 A 19850910; DK 105785 D0 19850307; DK 163082 B 19920113; DK 163082 C 19920609; JP H0624284 B2 19940330; JP S60206301 A 19851017; US 4742320 A 19880503

DOCDB simple family (application)

EP 84115210 A 19841212; DE 3408581 A 19840309; DE 3484930 T 19841212; DK 105785 A 19850307; JP 4385285 A 19850307; US 84379886 A 19860326