

Title (en)
MULTI-MODE RESONATOR

Title (de)
MULTIMODALER RESONATOR

Title (fr)
RÉSONATEUR MULTIMODAL

Publication
EP 3721502 A1 20201014 (EN)

Application
EP 17933954 A 20171208

Priority
CN 2017115227 W 20171208

Abstract (en)
[origin: WO2019109335A1] Embodiments of the present disclosure relate to a multi-mode resonator. The multi-mode resonator comprises: a cavity; an upper support disposed in the cavity and oriented in a longitudinal direction; a lower support disposed in the cavity and aligned with the upper support in the longitudinal direction; and a dielectric core disposed between the upper support and the lower support and including a plurality of branches associated with a plurality of resonant modes; and at least one tuning screw disposed in the cavity associated with a branch of the dielectric core. The at least one tuning screw is tunable to adjust a resonant mode associated with the branch.

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