

Title (en)
TUNABLE HIGH FREQUENCY FILTER

Title (de)
ABSTIMMBARES HOCHFREQUENZFILTER

Title (fr)
FILTRE RÉGLABLE À HAUTE FRÉQUENCE

Publication
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Application
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Abstract (en)
[origin: CA2886911A1] The invention relates to an improved tunable high frequency filter of coaxial construction, characterized, inter alia, by the following features: The high frequency filter comprises an outer conductor housing (24) having an inner conductor (10) and a housing cover (22); the resonator (1) comprises a tuning element (30) arranged opposite the inner conductor (10), which in the housing cover (22) is held position-adjustably in the axial position of the tuning element (30), at least indirectly, and which extends into the internal space of the resonator; the tuning element (30) comprises a dielectric material, or is formed from a dielectric material such that between the outer thread (32) and the inner thread (41), current transitions are avoided.

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