

Title (en)

A microstrip resonator tunable filter and related tuning method

Title (de)

Abstimmbares Filter mit Mikrostrifenresonators und dazugehöriges Abstimmverfahren

Title (fr)

Filtre accordable à résonateur microruban et sa méthode de réglage

Publication

EP 1653552 A1 20060503 (EN)

Application

EP 04425815 A 20041029

Priority

EP 04425815 A 20041029

Abstract (en)

A microstrip multi-resonator tunable filter (F) includes: a substrate (1) having arranged thereon one or a plurality of a microstrip resonators (3), and a dielectric element (4) arranged facing the microstrip resonators (3) at a selectively variable distance (D) to the substrate (1). Varying that distance (D) permits to uniformly vary the resonating frequency of the microstrip resonators (3).

IPC 8 full level

H01P 1/203 (2006.01)

CPC (source: EP)

H01P 1/20363 (2013.01)

Citation (search report)

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- [Y] EP 1376745 A1 20040102 - HARRIS CORP [US]
- [A] US 2003122635 A1 20030703 - BORZENETS VALERY [US], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 241 (E - 1364) 14 May 1993 (1993-05-14)

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WO2015076212A1

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