

Title (en)
MICRO-MINIATURE MONOLITHIC ELECTROMAGNETIC RESONATORS

Title (de)
MONOLITHISCHE ELEKTROMAGNETISCHE MIKROMINIATURRESONATOREN

Title (fr)
RÉSONATEURS ÉLECTROMAGNÉTIQUES MONOLITHIQUES MICROMINIATURES

Publication
EP 2258021 A1 20101208 (EN)

Application
EP 09806998 A 20090325

Priority
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• US 7063408 P 20080325

Abstract (en)
[origin: WO2010019285A1] A filter comprises a substrate, and one or more resonator structures formed on a planar side of the substrate. Each of the one or more resonator structures has a resonant frequency and comprises a folded transmission line that is patterned to form a plurality of adjacent line segments and a plurality of gaps disposed between the adjacent line segments. The ratio of a sum of an average width of the adjacent lines and an average width of the gaps to a thickness of the substrate is equal to or less than 0.50. The filter further comprises an input terminal coupled to one end of the one or more resonator structures, and an output terminal connected to another end of the one or more resonator structures.

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H01P 3/08 (2006.01)

CPC (source: EP)
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Citation (search report)
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