

Title (en)
HIGH FREQUENCY FILTER

Title (de)
HOCHFREQUENZFILTER

Title (fr)
FILTRE À HAUTE FRÉQUENCE

Publication
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Application
EP 10728135 A 20100622

Priority
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Abstract (en)
[origin: WO2011000501A1] The invention relates to an improved high frequency filter (high pass filter) that is characterized by the following features: in addition to the at least both capacitively coupled inner conductor front faces (5b) or the capacitively coupled inner conductor end segments (5c) of two coupled inner conductor segments (5a), at least one further inner conductor coupling device (15) or at least one further inner conductor coupling element (115) is provided, the at least one further inner conductor coupling device (15) or the at least one further inner conductor coupling element (115) is arranged in an at least partially overlapping manner with the inner conductor end segments (5c) of the coupled inner conductor segments (5b), and the branch line (7) runs between the inner conductor coupling device (15) or the inner conductor coupling element (115) and the outer conductor (1).

IPC 8 full level
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H01P 11/005 (2013.01 - US)

Citation (examination)
G. MATTHEI, L. YOUNG, E.M.T. JONES: "Microwave filters, impedance-matching networks and coupling structures", 1 January 1980, ARTECH HOUSE INC.

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DOCDB simple family (publication)
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