

Title (en)

Comb-line filter including distributed constant line

Title (de)

Kammfilter mit einer Leitung mit verteilten Konstanten

Title (fr)

Filtre en forme de peigne comprenant une ligne à constantes distribuées

Publication

EP 0920069 A1 19990602 (EN)

Application

EP 98122249 A 19981123

Priority

JP 32465597 A 19971126

Abstract (en)

The invention provides a comb-line filter (10) including a distributed constant line, comprising: a plurality of resonators (3, 4) each comprising said distributed constant line having an open end and a grounding end; a first grounding electrode (2) connected to each of said grounding end of said resonators (3, 4); at least two of said resonators (3, 4) put in proximity to each other and arranged side by side; an input electrode (5) and an output electrode (6) respectively capacitance-coupled to two of said open ends of said resonators (3, 4) which are located the farthest from each other; and a second grounding electrode (11) capacitance-coupled to said input electrode (5) and said output electrode (6) therebetween. The attenuation value in the rejection band can be improved. <IMAGE>

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H01P 1/203

IPC 8 full level

H01P 1/203 (2006.01); **H01P 1/205** (2006.01)

CPC (source: EP KR)

H01P 1/203 (2013.01 - KR); **H01P 1/20336** (2013.01 - EP KR); **H01P 7/08** (2013.01 - KR); **H01P 7/082** (2013.01 - KR)

Citation (search report)

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