ABSTRACT

FILTER WITH SURFACE ACOUSTIC WAVE RESONATORS

The invention concerns a filter with surface acoustic wave resonators using an equivalent electrical bridge structure to obtain a good form relationship (relationship between the filter rejection band and its pass band). The bridge arms advantageously comprise the paralleling of several resonators, thereby not requiring additional electrical elements as in the prior art which provides for the use of series-connected resonators. The invention also concerns particular implantation methods for preparing equivalent structures to paralleling several resonators.

Fig. 3

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