

PARALLEL HYBRID ACOUSTIC PASSIVE FILTER

ABSTRACT

Aspects of this disclosure relate to a parallel hybrid acoustic passive filter. The parallel hybrid acoustic passive filter includes a first sub-filter and a second sub-filter. The first sub-filter includes a first acoustic resonator and a first non-acoustic passive component. The second sub-filter includes a second acoustic resonator and second first non-acoustic passive component. The first sub-filter and the second sub-filter are together arranged to filter a radio frequency signal. The parallel hybrid acoustic filter can be a band pass filter or a band stop filter, for example. Related multiplexers, wireless communication devices, and methods are disclosed.

[Fig. 13]