

Abstract

The present disclosure provides a film bulk acoustic resonator and a manufacturing method therefor, which relate to the technical field of radio frequency filters. The film bulk acoustic resonator includes: a substrate, and a lower electrode, a piezoelectric layer, electrode frame layers and an upper electrode sequentially stacked on the substrate; wherein a cavity is formed between the substrate and the lower electrode, a Q-increasing structure is formed by the lower electrode in a vertical projection range of the cavity, and a first air wing and a first air bridge are formed between the upper electrode and the piezoelectric layer.

[Figure 1]