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(54) **TRANSVERSELY-EXCITED FILM BULK
ACOUSTIC RESONATOR WITH
CONCENTRIC INTERDIGITATED
TRANSDUCER FINGERS**

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(57) **ABSTRACT**

Acoustic resonator devices, filters, and methods. An acoustic resonator includes a substrate and a piezoelectric plate, a portion of the piezoelectric plate being a diaphragm spanning a cavity in the substrate. A conductor pattern on a front surface of the piezoelectric plate includes concentric inter-leaved interdigital transducer (IDT) fingers connected alternately to first and second busbars. The IDT fingers are on the diaphragm.

