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NOZOE(10) **Pub. No.: US 2022/0393665 A1**(43) **Pub. Date: Dec. 8, 2022**(54) **ACOUSTIC WAVE DEVICE****Publication Classification**(71) Applicant: **KYOCERA Corporation**, Kyoto-shi,
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ABSTRACT

Provided is an acoustic wave device that uses a plate wave. The acoustic wave device includes a piezoelectric film and a first resonator and a second resonator each including an IDT electrode located on an upper surface of the piezoelectric film. The thickness of the piezoelectric film is smaller than twice the period of the electrode fingers of the IDT electrodes. The duty of the electrode fingers of the first resonator and the duty of the electrode fingers of the second resonator are different from each other.

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