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IWAMOTO(10) **Pub. No.: US 2022/0407497 A1**(43) **Pub. Date: Dec. 22, 2022**(54) **ACOUSTIC WAVE DEVICE****Publication Classification**(71) Applicant: **Murata Manufacturing Co., Ltd.**,
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An acoustic wave device includes a support substrate, first and second piezoelectric layers, and an IDT electrode. The first and second piezoelectric layers are on the support substrate. The IDT electrode is on the first piezoelectric layer and includes electrode fingers. The second piezoelectric layer is between the first piezoelectric layer and the support substrate. The first and second piezoelectric layers are made of lithium tantalate or lithium niobate. Euler angles of the second piezoelectric layer are different from Euler angles of the first piezoelectric layer.

