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**HONDA**(10) **Pub. No.: US 2024/0235489 A1**(43) **Pub. Date: Jul. 11, 2024**(54) **POWER AMPLIFIER CIRCUIT**(71) Applicant: **Murata Manufacturing Co., Ltd.**,  
Kyoto (JP)(72) Inventor: **Yuri HONDA**, Kyoto (JP)(21) Appl. No.: **18/405,125**(22) Filed: **Jan. 5, 2024**(30) **Foreign Application Priority Data**

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**ABSTRACT**

A power amplifier circuit includes a first amplifier, a second amplifier, and, an output terminal. The power amplifier circuit includes an impedance conversion unit connected to an output end of one amplifier, which is either the first amplifier or the second amplifier. The impedance conversion unit includes a first line with one end connected to the output end, a second line with one end connected to another end of the first line, and a first capacitor with one end connected to a connection point between the first line and the second line and with another end connected to a reference potential. The first line and the second line are coupled to each other. A signal based on a connection point between an output end of another amplifier of the first amplifier and the second amplifier and another end of the second line is outputted from the output terminal.

