

## (19) United States

# (12) Patent Application Publication (10) Pub. No.: US 2024/0178797 A1 **SHAKO**

### May 30, 2024 (43) **Pub. Date:**

### (54) AMPLIFICATION DEVICE AND AMPLIFICATION METHOD

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- Appl. No.: 18/235,445
- (22) Filed: Aug. 18, 2023
- (30)Foreign Application Priority Data

Nov. 29, 2022 (JP) ...... 2022-190146

#### **Publication Classification**

(51) Int. Cl. H03F 1/02 (2006.01)H03F 3/24 (2006.01)

U.S. Cl. H03F 1/0288 (2013.01); H03F 3/245 CPC ..... (2013.01); H03F 2200/451 (2013.01)

#### (57)**ABSTRACT**

An amplification device includes a peak amplifier and a carrier amplifier that are disposed in respective signal paths independently of each other. The amplification device further includes a measurement circuit that measures a transmission power for transmitting a radio signal obtained by combining an output signal from the peak amplifier and an output signal from the carrier amplifier, and a control circuit that performs control to turn off a first power supply of the peak amplifier in a case where a decrease in the transmission power is detected.

