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LI et al.(10) **Pub. No.: US 2022/0360228 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **ENVELOPE TRACKING METHOD AND DEVICE**(71) Applicant: **ZTE Corporation**, Shenzhen (CN)(72) Inventors: **Shengqi LI**, Shenzhen (CN); **Linguo WANG**, Shenzhen (CN)(21) Appl. No.: **17/769,821**(22) PCT Filed: **Oct. 16, 2020**(86) PCT No.: **PCT/CN2020/121598**

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(57)

ABSTRACT

An envelope tracking method and device are provided. The envelope tracking method includes: acquiring, by a boost circuit, a target envelope tracking input current signal, and transmitting, by the boost circuit, the target envelope tracking input current signal to an amplifier circuit, where the amplifier circuit includes an operational amplifier and a feedback network, and the operational amplifier operates in a mode of floating ground; and performing, by the amplifier circuit, closed-loop conversion and amplification on the target envelope tracking input current signal and outputting, by the amplifier circuit, an envelope tracking output voltage.

