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Chiu et al.(10) **Pub. No.: US 2022/0352824 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **LLC CONVERTER CIRCUIT****Publication Classification**(71) Applicant: **Power Forest Technology Corporation**, Hsinchu County (TW)(72) Inventors: **Chao-Chang Chiu**, Hsinchu County (TW); **Chien-Wei Kuan**, Hsinchu County (TW)(73) Assignee: **Power Forest Technology Corporation**, Hsinchu County (TW)(21) Appl. No.: **17/406,057**(22) Filed: **Aug. 18, 2021**(30) **Foreign Application Priority Data**

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(57)

ABSTRACT

An LLC converter circuit is provided. A control circuit provides a first control signal and a second control signal according to a sensing voltage generated by sensing a voltage on a resonant capacitor of a primary side, so as to control a conduction state of a half-bridge switch circuit.

