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(19) **United States**(12) **Patent Application Publication****Leng et al.**(10) **Pub. No.: US 2022/0352826 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **POWER CONVERTER****H01F 27/30** (2006.01)**H05K 1/18** (2006.01)(71) Applicant: **Delta Electronics, Inc.**, Taoyuan City (TW)(52) **U.S. Cl.**CPC **H02M 3/33571** (2021.05); **H01F 27/255** (2013.01); **H01F 27/306** (2013.01); **H05K 1/181** (2013.01); **H05K 2201/10015** (2013.01); **H05K 2201/10166** (2013.01)(72) Inventors: **Yang Leng**, Taoyuan City (TW);
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Wenhua Li, Taoyuan City (TW); **Wei Tang**, Taoyuan City (TW)(57) **ABSTRACT**

The present disclosure provides a power converter including a first capacitor, a second capacitor, and a power module. The first capacitor and the second capacitor are connected in series. The power module is electrically connected to the first capacitor and the second capacitor and includes a circuit board, an absorption capacitor, a primary switch circuit, a magnetic component, and a secondary circuit. The absorption capacitor, the primary switch circuit, the magnetic component and the secondary circuit are disposed on the circuit board. A primary winding and a secondary winding of the magnetic component are electrically connected to the primary switch circuit and the secondary circuit respectively.

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