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Yin et al.(10) **Pub. No.: US 2022/0368165 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **WIRELESS CHARGING DEVICE****Publication Classification**(71) Applicant: **Ningbo Weie Electronics Technology Ltd.**, Ningbo (CN)(51) **Int. Cl.**
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H02J 50/00 (2006.01)(72) Inventors: **Cong Yin**, Ningbo (CN); **Tao Ma**, Ningbo (CN); **Feng Yu**, Ningbo (CN); **Weiyi Feng**, Ningbo (CN)(52) **U.S. Cl.**
CPC *H02J 50/20* (2016.02); *H02J 50/80* (2016.02); *H02J 7/00047* (2020.01); *H02J 50/005* (2020.01)(73) Assignee: **Ningbo Weie Electronics Technology Ltd.**, Ningbo (CN)(57) **ABSTRACT**

Disclosed in embodiments of the present disclosure is a wireless charging device, by setting a excitation source configured to input current of different frequencies to a transmitting circuit, implementing charge for electronic devices at different working frequencies wirelessly only through a set of transmitting circuit, there is no need of multiple sets of switchable transmitting circuit, so as to simplify the circuit structure and device structure, and reduce the manufacturing cost and improve the using convenience.

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