



US 20240235265A1

(19) **United States**

(12) **Patent Application Publication**
Yu et al.

(10) **Pub. No.: US 2024/0235265 A1**

(43) **Pub. Date: Jul. 11, 2024**

(54) **CONTROL METHOD FOR WIRELESS CHARGING, AND WIRELESS CHARGING APPARATUS AND SYSTEM**

(52) **U.S. Cl.**

CPC *H02J 50/12* (2016.02); *H02J 7/0047* (2013.01); *H02J 7/00712* (2020.01); *H02J 7/007192* (2020.01); *H02J 2207/20* (2020.01)

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(21) Appl. No.: **18/406,648**

(22) Filed: **Jan. 8, 2024**

(30) **Foreign Application Priority Data**

Jan. 9, 2023 (CN) 202310037634.3

Publication Classification

(51) **Int. Cl.**

H02J 50/12 (2006.01)

H02J 7/00 (2006.01)

(57)

ABSTRACT

Embodiments of the present disclosure provide a control method for wireless charging, a wireless charging apparatus and a wireless charging system. The control method includes: controlling a first power converter at a secondary side to charge a chargeable load at a first set current; receiving a sensing signal representing an output current of a second power converter at a primary side; and in response to the output current reaching or exceeding a threshold current, controlling the first power converter to charge the chargeable load at a second set current smaller than the first set current. The scheme of the present disclosure may implement power derating of the wireless charging system and ensure that the primary-side components of the system operate within the safety range.

