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(54) **SMART CHARGING METHOD AND  
ELECTRONIC DEVICE USING THE SAME**

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(57) **ABSTRACT**

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A smart charging method and an electronic device using the same are provided. The smart charging method includes the following steps. Whether an electronic device is connected to a charger is determined. If the battery is connected to the charger, whether a current time is within a predetermined idle period is determined. If the current time is within the predetermined idle period, a battery of the electronic device is charged at a charge rate less than 0.8C by constant current charging, which lasts for a predetermined constant current charging time. After the predetermined constant current charging time is over, the battery is idled for a predetermined idle time. After the predetermined idle time is over, the battery is charged by constant voltage charging.

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