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(54) **CHARGING METHOD, ELECTRONIC APPARATUS, AND STORAGE MEDIUM**

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(57) **ABSTRACT**

A charging method for battery includes: in an n-th charging process, charging a first battery to a charge cut-off voltage $U_n$ in a first charging manner; after the n-th charging process is completed, leaving the first battery standing, and obtaining an open-circuit voltage $OCV_n$ of the first battery at a standing time of $t_i$; in an m-th charging process, charging the first battery to the charge cut-off voltage $U_n$ in the first charging manner; after the m-th charging process is completed, leaving the first battery standing, and obtaining an open-circuit voltage $OCV_m$ of the first battery at the standing time of $t_i$; and under the condition of $OCV_n > OCV_m$, in an (m+1)-th charging process and subsequent charging processes, charging the first battery to the charge cut-off voltage $U_n$ in the first charging manner and then continuing to charge the first battery to a first voltage $U_{m+1}$ in a second charging manner.