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(54) **MOBILITY CHARGING DEVICE AND CHARGING METHOD USING THE SAME**

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(57) **ABSTRACT**

A mobility charging device comprises a measurement unit configured to measure a voltage of a battery of a mobility device when the mobility device is electrically connected to an input/output interface, a determination unit configured to receive the voltage of the battery from the measurement unit, and determine a charging mode among a plurality of charging modes according to the voltage of the battery, and a charging unit configured to differently set cut-off voltages correspondingly to the plurality of charging modes, and provide charging voltage corresponding to a cut-off voltage set correspondingly to the charging mode to the mobility device through the input/output interface.