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(54) METHOD FOR MANUFACTURING ELECTRODE PLATE OF TAB-BURIED LITHIUM-ION BATTERY

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(57) **ABSTRACT**

A method for manufacturing an electrode plate of a lithium-ion battery includes:

removing electrode active substances from a tab receiving groove of a metal current collector using a first laser cleaning, removing electrode active substances from an anticipated residual area of active substances and an adjacent area of the anticipated residual area of active substances using a second laser cleaning, and measuring a thickness of an electrode plate in a corresponding area to determine an amount of removed active substances; pressing the electrode plate, whereby the electrode active substances of the anticipated residual area of active substances and the adjacent area of the anticipated residual area of active substances are fluffy; cutting a boundary between the anticipated residual area of active substances and the adjacent area thereof; and removing the electrode active substances of the anticipated residual area of active substances by a roller brush.