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(54) Title: BATTERY COVER PLATE ASSEMBLY AND POWER BATTERY

(54) 发明名称: 电池盖板总成及动力电池

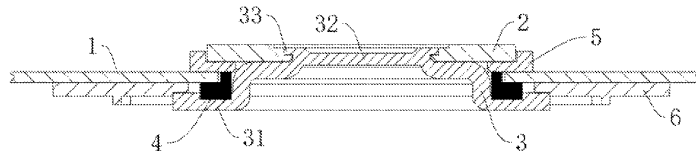


图 1

(57) Abstract: A battery cover plate assembly and a power battery. The battery cover plate assembly comprises a cover plate piece (1), a conductive piece (2) and a terminal (3). The cover plate piece (1) is provided with a first connecting hole (11); the conductive piece (2) is provided with a second connecting hole (21); the conductive piece (2) is mounted on the outer side of the cover plate piece (1), and the conductive piece (2) is configured such that a busbar (7) is welded thereto; a first end of the terminal (3) is folded outwards to form a first flange (31); a connecting wall (32) having a preset wall thickness is provided at a second end of the terminal (3), the inner side of the connecting wall (32) being configured to be welded to a current collector disc (8); a second flange (33) is provided on the outer edge of the connecting wall (32); after the second end of the terminal (3) successively passes through the first connecting hole (11) and the second connecting hole (21) from the inner side of the cover plate piece (1), the first flange (31) abuts against the inner wall of the cover plate piece (1); and the second flange (33) is folded outwards so as to be riveted to the side of the conductive piece (2) away from the cover plate piece (1).

(57) 摘要: 一种电池盖板总成及动力电池。电池盖板总成包括盖板片(1)、导电片(2)和极柱(3)。盖板片(1)设置有第一连接孔(11); 导电片(2)设置第二连接孔(21), 导电片(2)安装于盖板片(1)的外侧, 导电片(2)设置为焊接导流排(7); 极柱(3)的第一端向外翻折有第一翻边(31), 极柱(3)的第二端设置有预设壁厚的连接壁(32), 连接壁(32)的内侧设置为与集流盘(8)焊接, 连接壁(32)的外侧边缘设置有第二翻边(33), 极柱(3)的第二端经盖板片(1)的内侧依次穿设于第一连接孔(11)和第二连接孔(21)后, 第一翻边(31)抵接于盖板片(1)的内壁; 且第二翻边(33)向外翻折以铆接导电片(2)远离盖板片(1)的一侧。

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(84) 指定国(除另有指明，要求每一种可提供的地区
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