

碱锰电池集流体自动焊接机研制

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摘要: 报导了碱锰电池负极集流体自动焊接机的研制。针对碱锰电池无汞化生产的要求, 提出采用高频逆变式焊接电源作为其焊接方式。负极集流体自动焊接机由自动进料器、进料盘、焊接盘与卸料系统等组成。

关键词: 碱锰电池; 负极集流体焊接; 凸轮间歇分度机构

中图分类号: TM911.14 **文献标识码:** B **文章编号:** 1001-1579(2004)01-0046-02

Development of the automatic machine for anode assembly welding of alkaline Zn/MnO₂ battery

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Abstract: The automatic machine of anode current collector and bottom plate spot welding was designed and prepared successfully. In order to produce non-mercury alkaline Zn/MnO₂ battery, high frequency inverter was adopted. This automatic machine consisted of parts supplying feeder, feeding disk, welding disk and discharge disk.

Key words: alkaline Zn/MnO₂ battery; current collect or and bottom plate spoting; spetial cam for intermittent feeder

电池杂志

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