

机械合金化在贮氢合金研究中的应用

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摘要: 描述了机械合金化的过程和机理, 并对机械合金化采用的设备进行了介绍。通过对机械合金化在制备贮氢合金方面的综合论述, 指出机械合金化法是贮氢合金研究和开发的一种重要方法。

关键词: 机械合金化; 球磨; 贮氢合金

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The application of mechanical alloying in the field of hydrogen storage alloys

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Abstract: The theory and process of mechanical alloying were described and the adopted apparatuses were introduced. The application of mechanical alloying in the preparation of hydrogen storage alloys was summarized and it suggested that mechanical alloying was an effective method on the study and development of hydrogen storage alloys.

Key words: mechanical alloying; ball milling; hydrogen storage alloy