



航空学报 » 1991, Vol. 12 » Issue (3) :210-212 DOI:

论文

最新目录 | 下期目录 | 过刊浏览 | 高级检索

<< Previous Articles | >>

定向凝固条件下Nd₂Fe₁₄B枝晶的择优生长方向

陈钟敏, 邹光荣, 史正兴, 傅恒志

西北工业大学

PREFERRED GROWTH DIRECTION OF Nd₂Fe₁₄B DENDRITE IN DIRECTIONAL SOLIDIFICATION

Chen Zhongmin, Zou Guangrong, Shi Zhengxing, Fu Hengzhi

Northwestern Polytechnical University

摘要

参考文献

相关文章

Download: [PDF \(0KB\)](#) [HTML 0KB](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

摘要

关键词: 择优生长方向 易磁化方向 定向凝固

Abstract: Directional solidification process of Nd₁₇Fe₇₅B₈ alloy is studied experimentally. It is found that the Nd₂Fe₁₄B matrix crystallized directly from the melt and grows directionally in dendrite formation. The preferred growth direction of the dendrite is [100], perpendicular to its easy magnetization direction [001].

Keywords: preferred growth direction direction of easy magnetization directional solidification

Received 1989-11-03; published 1991-03-25

引用本文:

陈钟敏; 邹光荣; 史正兴; 傅恒志. 定向凝固条件下Nd₂Fe₁₄B枝晶的择优生长方向[J]. 航空学报, 1991, 12(3): 210-212.

Chen Zhongmin; Zou Guangrong; Shi Zhengxing; Fu Hengzhi. PREFERRED GROWTH DIRECTION OF Nd₂Fe₁₄B DENDRITE IN DIRECTIONAL SOLIDIFICATION [J]. Acta Aeronautica et Astronautica Sinica, 1991, 12(3): 210-212.

Service

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ Email Alert
- ▶ RSS

作者相关文章

- ▶ 陈钟敏
- ▶ 邹光荣
- ▶ 史正兴
- ▶ 傅恒志