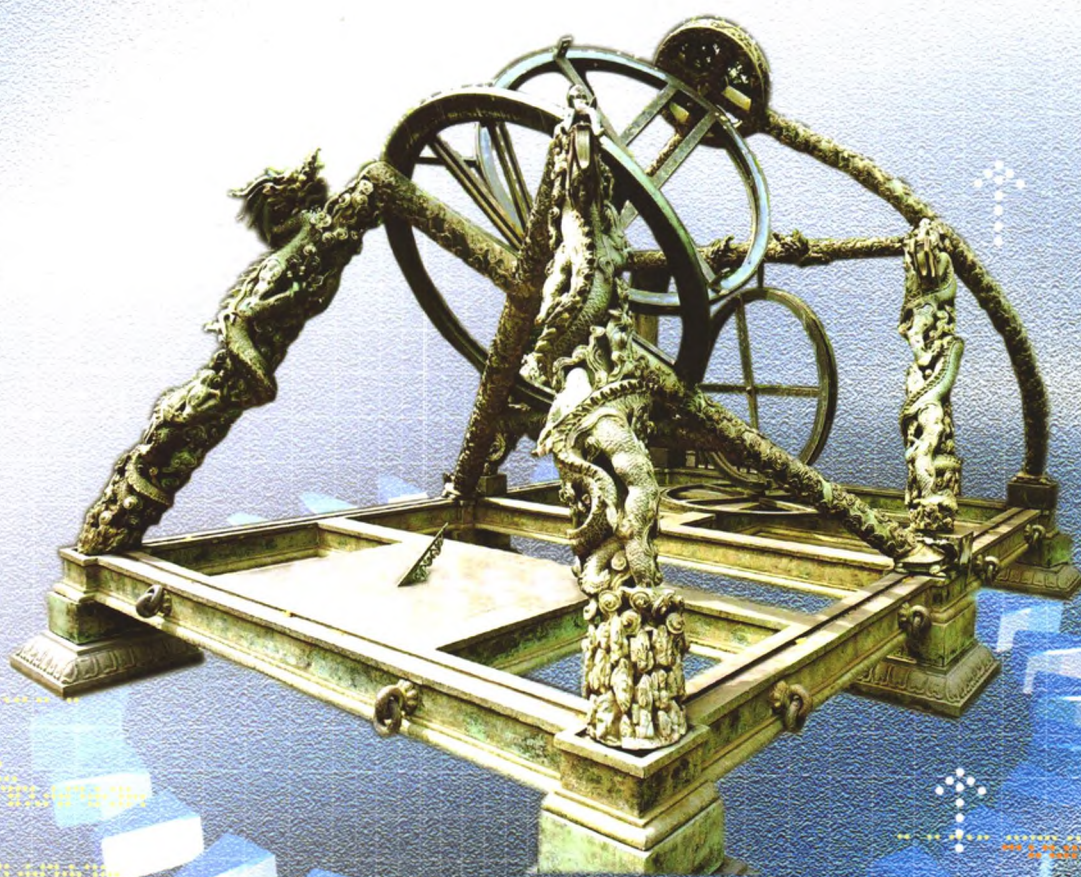


ISSN 1672-6421
CN 21-1498 / TG

CHINA FOUNDRY

中国铸造

Vol.12 No.5 September 2015



ISSN 1672-6421



05 >

9 771672 642003

万方数据

Published by FOUNDRY JOURNAL AGENCY

P. R. China

CONTENTS

Vol.12 No.5 September 2015

Research & Development

- 319 Microstructure and properties of novel quinary multi-principal element alloys with refractory elements
Na-na Guo, Liang Wang, Yan-qing Su, et al
- 326 Rotary bending fatigue behavior of A356-T6 aluminum alloys by vacuum pressurizing casting
Yong-qin Liu, Wan-qi Jie, Zhi-ming Gao, et al
- 333 Grain refinement and macrosegregation behavior of direct chill cast Al-Zn-Mg-Cu alloy under combined electromagnetic fields
Yu-bo Zuo, Xu-dong Liu, Chao Sun, et al
- 339 Effects of Y content on microstructures and mechanical properties of as-cast Mg-Zn-Nd alloys
Ti-jun Chen, Da-hua Zhang, Wei Wang, et al
- 349 Effect of cooling rate on vermicular graphite percentage in a brake drum produced by one-step cored wire injection
Yu-shuang Feng, Ze-sheng Ji, He-sheng Wu, et al
- 354 Rheological behavior of semi-solid TiB₂/7075 composites and simulation of their rheocasting processes
Qian Gao, Bin Yang, and Gui-sheng Gan
- 362 Effect of Nb and alloying elements on interface reaction between high Nb-containing TiAl alloys and ZrO₂ based ceramic moulds
Liang Yang, Wen-bin Kan, and Jun-pin Lin

Overseas Foundry

- 367 Squeeze casting of aluminum alloy A380: Microstructure and tensile behavior
Li Fang, Xue-zhi Zhang, Bo-jun Xiong, et al
- 375 Biodegradable materials as binders for IVth generation moulding sands
K. Major-Gabrys

Information

- 382 Introduction to patents
- 384 Evaluation result of the 17th "FOSECO Cup" best foundry papers of 2014
- 388 Industry News

Advertisements

Inside Front Cover, A1

Suzhou Xingye Materials Technology Co., Ltd.

Back Cover

Foundry Journal Agency

Inside Back Cover

Qufu Chunqiu Metallurgical Materials Co., Ltd.

A2-A3 Illustration for Front Cover

B1 Foundry Branch, Shanghai Machine Building Technology Institute, Co., Ltd.

B2 2016 WFO International Forum on Cast Iron & Cast Steel Technologies

B3 CHINA FOUNDRY Outstanding Papers Awards Evaluation Notice

B4-B5 2015 WFO International Forum on Moulding Materials and Casting Technologies

B6-B7 The 3rd International Symposium on Nonferrous Alloys and Special Casting Technologies

B8 Shenyang Research Institute of Foundry

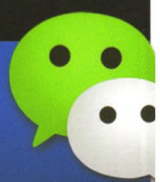


Sponsor:
Shenyang Research Institute of Foundry
FICMES
Publisher:
Foundry Journal Agency

A National Periodical Award-winning Journal

Welcome to advertise in FOUNDRY journal

微信零距离
资讯一码牵



扫描“**铸造杂志**”
微信二维码，加关注

有机会**分享**：最新铸造行业资讯
有机会**获得**：《铸造》电子版杂志
有机会**阅读**：重要的学术论文
有机会**收藏**：独家的铸造行业图片

Scan this 2D code using your mobile device
Join "Foundry" journal Wechat

Add: No.17 Yunfeng Street South, Tixi District, Shenyang110022, China
Tel: +86-24-25611775 25623768
Fax: +86-24-25611880
Website: <http://www.foundryworld.com>
E-mail: ad@foundryworld.com