

目 次

《特钢技术》期刊第八届编委会成员名单

名誉主任委员:江 宾

主任委员:付正刚 谢元林

副主任委员:

罗定祥 陈晋阳 罗通伟(久立特材)

委员:(按姓氏笔画)

王 军 王远明(西王特钢) 王怀柳

方 轶 白克义 邝素军 朱林林

孙慎宏(大连特钢) 孙全应 汪红晓

李 国 何云华 何长荣 易 文

易 健 段丕荣 陈亚宁 岳振峰

杨刚(钢研总院) 杨应友 杨再春

余志川 何晓辉 张菽浪 陈 琦

周茂华 胡 进 赵 斌 夏万勇

殷秀文 曹远刚 曹 勇 黄 华

黄 海 黄晓斌 康 锐 彭声通

谢珍勇 蔡 武 裴丙红 戴珍永

·综 述·

圆坯连铸机中间包流场流动特性研究.....熊洪进 陈列 董贵文(1)

·产品开发与性能研究·

快堆核电站用P36无缝钢管的研制.....彭光明 左国锋 石大山(10)
轧制工艺对BMS组织和性能的影响李伟 李森(14)
热输入对贝氏体海工钢焊接热影响区显微组织与低温韧性的影响...孙宪进 诸建阳 许峰(17)
成分调整对节镍型奥氏体不锈钢组织和性能的影响.....黄贤光(21)

·工艺研究与生产实践·

Ti微合金在L360M管线钢生产中的应用.....乔大海 王军 肖彦忠 娄军魁(24)
钒氮合金钢结晶器粘结分析及预防.....王向松 窦楠 高新军 王飞日(27)
安钢800MPa包晶高强钢控碳工艺研究.....于银俊(30)
250×280矩形坯轴承钢轻压下提拉速对内部质量的影响.....
.....王海达 陈列 王兴华 黄正全 范世强(34)
40CrNiMoA曲轴表面裂纹缺陷分析.....贾俊林(39)
1Cr18Ni9Ti冷轧薄板裂纹产生原因分析.....王逸宁(42)
GCr15轴承套圈表面外折缺陷分析与工艺改进.....陈迦彬(46)
热轧棒材表面划伤缺陷原因分析及解决措施.....王宗斌(49)
Φ8mm圆钢孔型设计及应用.....陈攀全(52)

·理化检测与控制·

提高热处理钢板余材充当率.....张铁毅 刘菁婧(55)

·冶金设备与技术改造·

40t炼钢电弧炉管式水冷炉盖制作曹远刚(58)

·管理及其他·

新时期国有企业工会组织的角色转变探讨.....徐 满(62)

冶金企业建设项目档案管理实践.....黄静雅(65)

主 管:四川省经济和信息化厅

电话(传真):(0816)3653577

主 办:攀钢集团江油长城特殊钢有限公司

刊 号:ISSN1674-0971
CN51-1444/TF

协 办:四川省金属学会

广告许可证:5107811000001

协 办:绵阳市金属学会

发行范围:国内外公开发行

编辑出版:《特钢技术》编辑部

E-mail:1477423738@qq.com; tgjs@cssc.com.cn

主 编:付正刚

tgjs@chinajournal.net.cn

副主编:张健 陈晋阳

印 刷:江油文星印务有限公司

责任编辑:何晓辉

订 阅:《全国非邮报刊联合征订目录科技版》

英文翻译:夏万勇 张菽浪 何晓辉

或本编辑部直接订阅

地 址:四川省江油市江东路195号

全年订价:60元

CONTENTS

Overview

Research on Flow Field Characteristics in Tundish of Round Billet Caster Xiong Hongjin, Chen Lie, Dong Guiwen (1)

New Product Development and Property Research

- Development of P36 Seamless Steel Pipe for Nuclear Power Plant with Fast Reactor Peng Xianming, Zuo Guofeng, Shi Dashan(10)
 Influence Of Rolling Process On The Structure And Properties Of BMS Li Wei, Li Miao(14)
 Effect of Heat Input on Microstructure and Low Temperature Toughness of Welding HAZ of Bainitic Offshore Steel Sun XianJin, Zhu Jianyang, Xu Feng(17)
 Effect of Composition Adjustment on Microstructure and Properties of Nickel Saving Austenitic Stainless Steel Huang Xianguang(21)

Process Research and Production Practice

- Application of Ti Microalloying in L360M Pipeline Steel Production Qiao Dahai, Wang Jun, Xiao Yanzhong, Lou Junkui(24)
 Analysis and Prevention of Bonding in Crystallizer of Vanadium-nitrogen Microalloyed Steel Wang Xiangsong, Dou Nan, Gao Xinjun, Wang Feiri(27)
 Research on Carbon Control Technology of 800MPa Peritectic High Strength Steel at Anyang Iron & Steel Co. Yun Yinjun(30)
 Influence of Increasing Drawing Speed on Internal Quality of 250 * 280 Rectangular Billet Bearing Steel During Soft Reduction....
 Wang Haida, Chen Lie, Wang Xinghua, Huang Zhengquan(34)
 Analysis of surface crack defect of 40CrNiMoA crankshaft Jia Junlin, Zhao Yanrong, Liu Hongbo, Zhang Zechun(39)
 Analysis of Cracking Causes of 1Cr18Ni9Ti Cold Rolled Sheet Wang Yining(42)
 Analysis on Surface Fold defect of GCr15 Bearing Ring and Process Improvement Chen Jiashan, Zheng Fusheng(46)
 Cause Analysis and Solving Measures of Surface Scratch Defect of Hot Rolled Bar Wang Zongbin, Liang Na(49)
 Design and Application of Φ8mm Round Steel Pass Chen Panquan(52)

Physical and Chemical Test and Metering Control

Improving the Replacement Rate of the Surplus Plate of Heat Treatment Zhang Tieyi, Liu Jinjin(55)

Metallurgical Equipment and Technical Revamping

Manufacture of Tube Type Water Cooling Furnace Cover for 40t EAF Steelmaking Electric Arc Furnace Cao Yuangang(58)

Management and Others

- Discussion On Role Transformation of Trade Union in State Owned Enterprises in the New Era Xu Xiao (62)
 Archives Management Practice of Construction Projects in Metallurgical Enterprises Huang Jingya(65)

Administered by Sichuan Provincial Economic and Information Department

Sponsored by Changcheng Special Steel Company Ltd. Pangang Group, Sichuan Province

Co-sponsored by Sichuan Society for Metals

Co-sponsored by Mianyang Society for Metals

Edited and published by Editorial Board of SPECIAL STEEL TECHNOLOGY

Editor in chief Fu Zhenggang

E-mail 1477423738@qq.com; tgjs@cssc.com.cn; tgjs@chinajournal.net.cn

PN ISSN1674-0971
CN51-1444/TF

Address No.195, Jiangdong Road, Jiangyou, Sichuan Province 621701

Printed by Jiangyou Wenxing Printing Service Co., Ltd.