## Accepted Manuscript

Title: Interfacial morphologies and erosion-corrosion behavior of directional Fe-3.5 wt.% B steel in flowing liquid Zn containing 0.30 wt.% Al

Author: Yong Wang Jiandong Xing Shengqiang Ma Baochao Zheng Hanguang Fu Guangzhu Liu

PII: S0010-938X(16)30300-6

DOI: http://dx.doi.org/doi:10.1016/j.corsci.2016.07.007

Reference: CS 6836

To appear in:

Received date: 7-3-2016 Revised date: 8-7-2016 Accepted date: 8-7-2016

Please cite this article as: Yong Wang, Jiandong Xing, Shengqiang Ma, Baochao Zheng, Hanguang Fu, Guangzhu Liu, Interfacial morphologies and erosion-corrosion behavior of directional Fe-3.5wt.% B steel in flowing liquid Zn containing 0.30wt.% Al, Corrosion Science http://dx.doi.org/10.1016/j.corsci.2016.07.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Interfacial morphologies and erosion-corrosion behavior of directional Fe-3.5 wt.% B steel in

flowing liquid Zn containing 0.30 wt.% Al

Yong Wang<sup>1\*</sup>, Jiandong Xing<sup>1</sup>, Shengqiang Ma<sup>1\*</sup>, Baochao Zheng<sup>1</sup>, Hanguang Fu<sup>2</sup>, Guangzhu Liu<sup>3</sup>

(1. State Key Laboratory for Mechanical Behavior of Materials, School of Materials Science and

Engineering, Xi'an Jiaotong University, 28 Xianning West Road, Xi'an, Shaanxi Province 710049,

PR China; 2. Research Institute of Advanced Materials Processing Technology, School of Materials

Science and Engineering, Beijing University of Technology, Beijing 100124, PR China; 3. College of

Materials Science and Engineering, Liaoning Technical University, 47 Zhonghua Road, Fuxin,

Liaoning Province 123000, PR China)

Corresponding author: Dr. Yong Wang and Dr. Shengqiang Ma

Address:

School of Materials Science and Engineering,

Xi'an Jiaotong University

28 Xianning West Road

Xi'an, Shaanxi Province, 710049

P. R. China

E-mail: wyong9512@163.com (Y Wang) and sqma@mail.xjtu.edu.cn (S Ma)

Tel: +86-29-82665636

Fax: +86-29-82663453

1

## Download English Version:

## https://daneshyari.com/en/article/5440096

Download Persian Version:

https://daneshyari.com/article/5440096

<u>Daneshyari.com</u>