

Accepted Manuscript

Title: A FEM model for investigation of micro-galvanic corrosion of Al alloys and effects of deposition of corrosion products

Author: Litao Yin Ying Jin Christofer Leygraf Jinshan Pan



PII: S0013-4686(16)30178-5
DOI: <http://dx.doi.org/doi:10.1016/j.electacta.2016.01.179>
Reference: EA 26561

To appear in: *Electrochimica Acta*

Received date: 25-11-2015
Revised date: 22-1-2016
Accepted date: 23-1-2016

Please cite this article as: Litao Yin, Ying Jin, Christofer Leygraf, Jinshan Pan, A FEM model for investigation of micro-galvanic corrosion of Al alloys and effects of deposition of corrosion products, *Electrochimica Acta* <http://dx.doi.org/10.1016/j.electacta.2016.01.179>

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.

A FEM model for investigation of micro-galvanic corrosion of Al alloys and effects of deposition of corrosion products

Litao Yin^{1,2}, Ying Jin^{2,}, Christofer Leygraf¹, Jinshan Pan^{1,*}*

¹Div. Surface & Corrosion Science, Dept. of Chemistry, School of Chemical Science and Engineering, KTH Royal Institute of Technology, Drottning Kristinas väg. 51, SE-100 44 Stockholm, Sweden

²National Center for Material Service Safety, University of Science & Technology Beijing, Xueyuan Road 30, Haidian Distric, 100083 Beijing, China

Corresponding author: Jinshan Pan jinshanp@kth.se

Corresponding author: Ying Jin yjin@ustb.edu.cn

Download English Version:

<https://daneshyari.com/en/article/6608625>

Download Persian Version:

<https://daneshyari.com/article/6608625>

[Daneshyari.com](https://daneshyari.com)