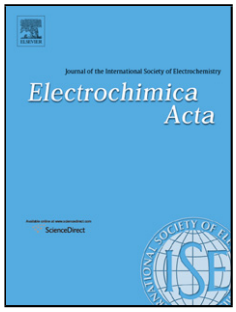

Title: A FEM model for investigation of micro-galvanic corrosion of Al alloys and effects of deposition of corrosion products

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

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 Leygraf[1], Jinshan Pan[1,*]*

[1]Div. 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

[2]National 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*