

Ref: C 2 PF 171198/01 Df: 27745163
 CORROSION SCIENCE (PAPER EDITION)
 01.02.99 Vol. 41 No. 2
 0010-938X 22101144 19.07.99
 LIBRIS
 144 BOULEVARD KRIM BELKACEM
 ALGER
 ALGERIE

CORROSION SCIENCE

The Journal on Environmental Degradation of Materials and its Control

Editor-in-Chief: G. T. BURSTEIN, University of Cambridge, U.K.

An Official Journal of the Institute of Corrosion

Volume 41, No. 2

February 1999

CONTENTS

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------|
| J. DE LAET, X. ZHOU, P. SKELDON,
G. E. THOMPSON, G. C. WOOD,
H. HABAZAKI, K. TAKAHIRO,
S. YAMAGUCHI and K. SHIMIZU
Y.-J. TAN | 213 | The behaviour of chromium during anodizing of Al-Cr alloys |
| G. SONG, A. ATRENS and
M. DARGUSCH | 229 | Wire beam electrode: A new tool for studying localised corrosion and other heterogeneous electrochemical processes |
| D. WALLINDER, J. PAN,
C. LEYGRAF and A. DELBLANC-BAUER | 249 | Influence of microstructure on the corrosion of diecast AZ91D |
| P. SKELDON, G. E. THOMPSON,
G. C. WOOD, X. ZHOU, H. HABAZAKI
and K. SHIMIZU | 275 | EIS and XPS study of surface modification of 316LVM stainless steel after passivation |
| M. A. ELMORSI | 291 | Interactions of alloying elements during anodizing of dilute Al-Au-Cu and Al-W-Zn alloys and consequences for film growth |
| X. L. CHENG, H. Y. MA, S. H. CHEN,
R. YU, X. CHEN and Z. M. YAO
M. A. SANJUÁN | 305 | Using acrylamide and oligo (oxyethylene) methacrylate in corrosion protection of steel |
| | 321 | Corrosion of stainless steels in acid solutions with organic sulfur-containing compounds |
| | 335 | Effect of curing temperature on corrosion of steel bars embedded in calcium aluminate mortars exposed to chloride solutions |

Contents continued on outside back cover



PERGAMON

Continued from front cover

M. I. ABDULSALAM and H. W. PICKERING	351	Effect of the applied potential on the potential and current distributions within crevices in pure nickel
L. A. JAMES and W. C. MOSHIER	373	The effect of potential upon the high-temperature fatigue crack growth response of low-alloy steels, part 1: crack growth results
W. C. MOSHIER and L. A. JAMES	401	The effect of potential upon the high-temperature fatigue crack growth response of low-alloy steels, part 2: sulfide-potential interaction
	417	Corrosion Diary
	I	Keywords for <i>Corrosion Science</i>



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. The quickest way to register for **ContentsDirect** is via the World Wide Web at: www.elsevier.nl/locate/ContentsDirect

If you don't have access to the WWW you can register for this service by sending an e-mail message to cdsubs@elsevier.co.uk specifying the title of the publication you wish to register for. The tables of contents are also available on the Elsevier Science website at: www.elsevier.nl or www.elsevier.com or www.elsevier.co.jp

Indexed/Abstracted in Current Contents, Engng Ind Monthly & Author Index, PASCAL/CNRS Database, Corrosion Abstracts, Metals Abstracts, Chemical Abstracts, INSPEC Database, BMT Abstracts, Petroleum Abstracts, Aqua Abstr, Cam Sci Abstr, Chem Eng Abstr, Chem Haz in Indus, Edi Metal Abstr, Environ Per Bibl, Materials Science Citation Index, Applied Science & Technology Index, Wilson Applied Science & Technology Abstracts, Current Technology Index (CTI)

ISSN 0010-938X



0010-938X(1999)41:2;1-V