



燃料電池

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The Journal of Fuel Cell Technology

巻頭言 水素エネルギー社会への着実な歩み

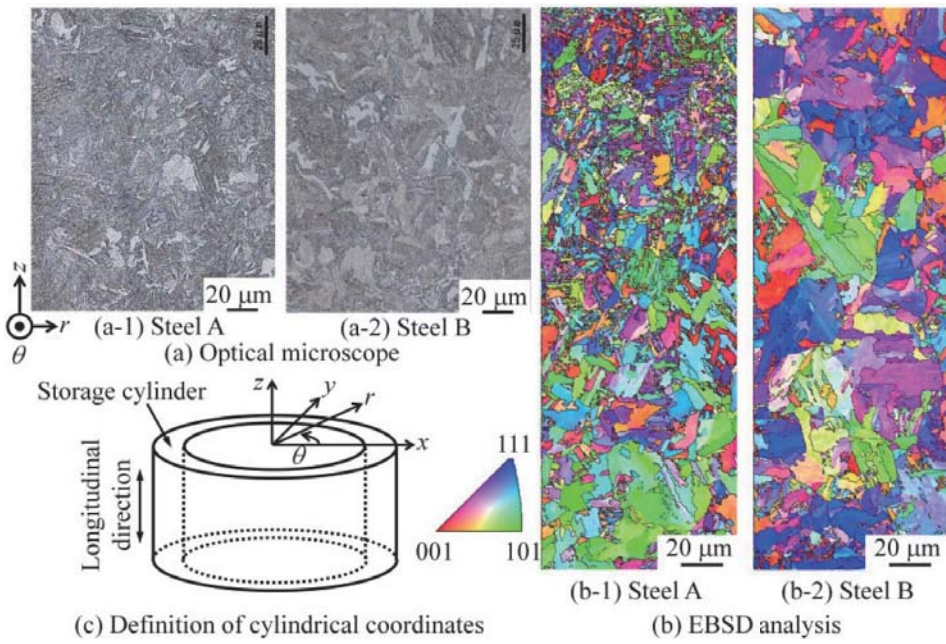
特集 燃料電池を支える水素供給Ⅱ

寄稿 平成25年度特許出願技術動向調査
—電解式水素製造及びその周辺技術—

投稿論文 PEFC 用非貴金属系カーボンフリー酸化物系触媒の開発

会員紹介 電気化学工業株式会社





P19参照

SCM435の微視組織

Microstructures of SCM435

曝露温度		ナイロン11	ナイロン6-66	ポリマー2	
40°C	飽和水素量 [wt ppm]	561	455	4	
	曝露後 外観変化	白化	僅かに白化		
		水素曝露前	水素曝露後	水素曝露前	水素曝露後
60°C	飽和水素量 [wt ppm]	569	448	10	
	曝露後 外観変化	白化	白化	変化なし	
		水素曝露前	水素曝露後	水素曝露前	水素曝露後

P27参照

水素溶解試験後の試験片外観の写真

Appearance after hydrogen dissolution study into various resins

The Journal of Fuel Cell Technology

Contents

Foreword

■ Steady Steps to the Hydrogen Energy Society

K. Tomita – Managing Director, The Japan Gas Association…… 1

Special Issue Hydrogen Supply for Fuel Cells II

■ Research and Development of Hydrogen Storage Materials

E. Akiba – Professor, Dept. of Mechanical Engineering, Faculty of Engineering, Kyushu University…… 7

■ Limitations of the Materials Used in the Hydrogen Station

T. Takehana – Research & Development Center, The High Pressure Gas Safety Institute of Japan……11

■ Proposal of Design Method for Materials Used in High-pressure Hydrogen Gas Environment

J. Yamabe, H. Matsunaga, S. Hamada, S. Matsuoka – Research Center for Hydrogen Industrial Use and Storage (HYDROGENIUS), Kyushu University……16

■ Development of High-Pressure Hydrogen Gas Barrier Materials

M. Shibutani – The Nippon Synthetic Chemical Industry Co., Ltd.
Central Research Laboratory Core Technology Lab Chief Manager……24

■ Development of National Measurement Standard for Ensuring Reliability of High Gas Pressure Measurement and Ensuring International Equivalence

H. Iizumi, H. Kajikawa, M. Kojima, T. Kobata, K. Fujii – National Metrology Institute of Japan, AIST……31

■ Calibration Facility Traceable to the National Standard for High-pressure, High-flow-rate Hydrogen Gas

T. Morioka, Y. Terao – Gas Flow Standards Section, Fluid Flow Division, National Metrology Institute of Japan, AIST
M. Ito, S. Fujikawa, A. Shigemori – Hydrogen Technology Development, Iwatani R&D Center, Iwatani Corporation……37

■ Development of Lightweight Hydrogen Tank Using Clay Based Film as a Hydrogen Barrier Layer

T. Ebina – Prime Senior Researcher, Research Center for Compact Chemical System,
National Institute of Advanced Industrial Science and Technology……44

■ Hydrogen Microscope – Adsorption, Diffusion and Reaction of Hydrogen at Surfaces as Observed by Nuclear Reaction Analysis –

K. Fukutani – Professor, Institute of Industrial Science, University of Tokyo……48

Contribution

■ Report on Technological Trends of Patent Applications – Electrolytic Hydrogen Production Technology and Peripheral Technology (Fiscal year 2013) –

Policy Planning and Research Division, General Affairs Department, Japan Patent Office……55

Column

■ Fuel Cells and Me No.14

Z. Takehara – Professor emeritus Kyoto University, Honorary Member of the Electrochemical Soc., Japan,
Fellow of the Chemical Soc., Japan……59

● The cover is “Ebina-chuo Hydrogen Station”
[The first integrated filling station in Japan providing
petrol and hydrogen.]
(Courtesy of JX Nippon Oil & Energy Corporation)

Vol.14 No.2 Autumn 2014

Report

■ Report on 132nd Meeting of FCDIC

Y. Ayabe – Reed Exhibitions Japan Ltd. (FC EXPO Show Management) ……61

■ Report on 9th FCDIC Mini Workshop

Y. Nakata – Research & Development Institute, SEKISUI CHEMICAL Co., Ltd. ……63

Paper

■ Oxide-based Electrocatalysts as Non Precious Metal and Carbon Free Cathodes for PEFC

M. Hamazaki, A. Ishihara, Y. Kohno, K. Matsuzawa, S. Mitsushima, K. Ota –
Green Hydrogen Research Center, Yokohama National University

M. Arai, M. Matsumoto, H. Imai – NISSAN ARC, Ltd. ……65

Laboratory

■ Kanagawa Industrial Technology Center

M. Kunimatsu – Senior Research Engineer of Kanagawa Industrial Technology Center ……74

Member Introduction

■ DENKI KAGAKU KOGYO CO., LTD. ……78

Information

Fuel Cell Development Information Center ……79

Postscript

M. Mori – Editorial Committee Member …… 100