International Automotive Body Congress (IABC 2016 FRANKFURT)

Papers

Frankfurt, Germany 7-8 June 2016

Editors:

M. Nasim Uddin

Rafiq Uddin

ISBN: 978-1-5108-5093-4

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2016) by Global Automotive Management Council (GAMC) All rights reserved.

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact Global Automotive Management Council (GAMC) at the address below.

Global Automotive Management Council (GAMC) 5340 Plymouth Road, Suite 205 Ann Arbor, Michigan, USA 48105

Phone: (734) 997-9249 Fax: (734) 786-2242

samanthaj@gamcinc.com

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

TABLE OF CONTENTS

Environmentally Friendly Chemicals do Wonders - Paint Stripping, Surface Treatment,	
Reconditioning Catalytic Converters and Particle Filters	1
R. Feist	
Laser Blanking: Competitive and Production Ready	12
J. Finn	
Innovative Fiber Laser Solutions with Static and Dynamic Beam Forming	21
B. Kessler	
New Toughened Body Shop Adhesives	26
A. Lutz, B. Haag	
Simulation of Innovative Assembly Processes – How Virtual Process Simulation Helps Support the	
Design of Lightweight Concepts in Body-In-White	31
M. Perennou, S. Hilbers	
Resistance Spot Welding Steel to Aluminium.	43
S. Smith	
Friction Spot Welding of Similar Aluminum Alloys AA6082-T6 for Application in Automotive	
Industry	53
U. Suhuddin, R. Mesquita, J. Santos	
Author Index	