

M obility & Vehicles M echanics

International Journal for Vehicle Mechanics, Engines and Transportation Systems

Professor Emeritus: Dr Ing Dušan Simić

ISSN 1450-5304

Editors: Prof. dr Aleksandra Janković, Prof. dr Čedomir Duboka

UDC 621+629(05)=802.0

SUMMARIES

A. Cirello, C. Damiano, G. Lupo, A. Mancuso, G. Vîrzi Mariotti:	SHAPE OPTIMIZATION BY CFD ANALYSIS OF HIGH-SPEED CATAMARAN WITH ASYMMETRIC DEMIHULLS	1
G. Belingardi:	RECENT ADVANCES IN JOINING TECHNOLOGY FOR CAR BODY APPLICATIONS	13
C. Spentzas, G. Michael, M. Demić:	A MINIMALIST APPROACH TO THE DESIGN OF ELECTRIC VEHICLES	30
G. Fontaras, Z. Samaras:	VEGETABLE OILS AS BIO-FUELS FOR AUTOMOTIVE APPLICATIONS	37
F. Badin, R. Trigui, E. Vinot:	HYBRID ELECTRIC VEHICLES CONCEPTS AND POTENTIALS	47
D. Gruden:	TECHNICAL MEASURES TO REDUCE CARBON DIOXIDE EMISSIONS ON THE ROAD TRAFFIC	54
V. Pajković, S. Petrović:	EXPERIMENTAL INVESTIGATION OF SPATIAL FLOW VELOCITY DISTRIBUTIONS IN THE INTAKE VALVE GAP OF AN I.C. ENGINE	69

