



POLISH TECHNICAL REVIEW




CONTENTS

	Page
SHIPBUILDING	
New vessels from the Shipyard of Gdańsk	2
Structural fire protection of ships	5
Application of nuclear engineering for testing marine I.C. engines	7
MOTOR INDUSTRY	
Fuel injection equipment for high-speed diesel engines	10
The "Star-742" truck	11
A new fuel supply system for spark-ignition engines	12
ELECTRIC ENGINEERING	
Power modules	14
Protection of working machines against breakdowns	17
ELECTRONIC - INFORMATICS	
Channel-type electron multipliers	19
The MERA-60 multi-access systems	23
MEASUREMENT-CONTROL EQUIPMENT	
A microprocessor spectrum analyzer	23
A flow-meter for measuring small intensities of flow of a liquid (patent)	25
An optoelectronic sensor for tub traffic monitoring (patent)	25
An instrument for studying tree growth	26
PATENTS	
A device for the continuous change of oscillations amplitude	28
A measuring head	28
Zinc telluride crystals	28
Couch press	29
A two-stroke spark ignition engine	29
CHEMISTRY	
Chemically-resistant and engineering segmental network polyester resins and composites	30
BOOKS	4, 13, 16, 22, 31, back cover
IN BRIEF	4, 9, 20, 27, 32
PRESS SERVICE	I-VIII

Shipbuilding

The Polish shipyards have been occupying since many years an important place in the world in the building of ships. One of the largest shipyards is the Gdańsk shipyard which has a well developed design office. On the basis of its own designs, the shipyard has been building vessels described on p. 2 such as timber carriers, container ships, fish factory trawlers, canning factory ships, refrigerated fishing vessels, ro-ro ships and sailing vessels for oceanographic research purposes or training ships. The section also brings information on fire protection of ships, application of nuclear engineering for testing marine I.C. engines and a two-stroke spark ignition engine.

A microprocessor spectrum analyzer

This is an autonomous measuring instrument built at the Technical University of Warsaw, meant for the determination of the power density spectrum in linear and logarithmic scales and, additionally, the cepstrum and the cepstrum-smoothed logarithmic spectrum. The analyzer's operation is controlled by the built-in 8080 microprocessor. For further details see page 23

Segmental polyester resins

The increasing demand for new construction materials of a broad range of applications has led to the development of segmental network polyester resins and chemically resistant composites especially matrix resins known as segmental network polymers. A characteristic of these materials developed in Poland is given in article on p. 29

Press service

Our brief news which are particularly well suited for reprinting include a number of new developments which may become a direct export item. In some cases an export of licences or know-how is possible. See pages I to VIII.

Programmatic council: K. Badźmirowski, H. Boratyńska-Czupryna, R. Łysakowski, W. Matusiak (President), J. Myszka, A. Nowik, S. Okoń, L. Sender, J. Stefański, A. Taranczewski, J.L. Toeplitz.

Editorial staff: J.L. Toeplitz (chief editor), I. Chmielewska, J. Wolf, A. Witkowski (assistant editors), S. Hilscher (managing editor), E. Karska

English editor: E. Karska

Graphic layout: F. Barącz

Production manager: A. Dziewulska-Kijas

Subscription orders should be addressed to the Ars Polona-Ruch, 00-950 Warsaw, P.O.B. 1002, Krakowskie Przedmieście 7 or to one of the representatives of this company abroad.

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Cover photo: "Oceania" oceanographic yacht built at the Gdańsk shipyard

Back cover photo: "Gedania" yacht. Photos by Janusz Uklejewski