6 1976

POLISH TECHNICAL REVIEW

6
82/1976

POLISH TECHNICAL REVIEW

PUBLISHERS OF TECHNICAL PERIODICALS FOR THE CENTRAL TECHNICAL ORGANIZATION (NOT)
00-950 Warsaw · ul. Czackiego 3/5 · P.O.B. 1004 · Tel. 39-11-99 · Issued in English, French and German

CONTENTS

Photo inside the issue: Z. Błażewicz, CAF

The SYNCOR process – a new process for making cores in foundries

The SYNCOR process is a new and patented method for making cores in foundries. It consists in the addition of a special binder to the silica sand which enables to obtain cores featuring high strength and stabiliy of shape when contacted by the poured-in metal. The knock-out properties of these cores are many times better than those of cores made by other methods. The castings obtained by the SYNCOR process show high dimensional accuracy and a smooth surface.

Facilities for fish processing on ships

One of Poland's leading export items are installations for the processing of fish on board fishing ships. Among the new Polish-made products in this line, mention is due to deheading machines for both gutted and non-gutted fish, manufactured in several versions for use on various types of ship. The cut may be straight or oblique, as need be. The deheading machines are equipped with an electronic device for fish length measurement and setting of the cutting knife.

Polyacrylates

Polyacrylates belong to the newest plastics. They are used for the production of articles of high mechanical resistance at high temperature, electric insulating films, fibres, foamed plastics, lacquer and anti-corrosive coats, etc. The Institute of Organic Chemistry and Technology at the Technical University of Warsaw has developed an original method for the producion of films and coats, and of a light-sensitive version of these plastics. Polish polyacrylates feature a better thermal, chemical and fire resistance than those manufactured in other countries.

Subscription orders should be adressed to the „Ars Polona-Ruch", 00-950 Warsaw, P.O.B. 1001, Krakowskie Przedmieście 7, or to one of the representatives of this firm abroad.
The annual subscription rate (12 issues) amounts to US $ 12.– or the equivalent in other currencies. In the socialist countries, catalogue prices of the local distribution centres apply.

Printing office: Zakłady Typograficzne, Łódź, zam. 929/76

INDEX No 37325/36915