

RZECKI, M.

"Ventilation of Welding Premises", p. 155, (PRZEGLAD SPANALNICTWA, Vol. 6,
No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

RZECKI,

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446530011-6
CIA-RDP86-00513R001446530011-6"

Rzecki M. Welder's Work Post.

"Stanowisko robocze spawacza", Przegląd Spawalnictwa, No. 2, 1951,
pp. 33-35, 4 figs.

Welding cubicle 1.5x1.5x2 to 2.5x2x2 m (high); construction: metal
framework, walls made of plywood, tarpaulin, boards, fibre board--
painted gray or pale blue inside, zinc, or titanium oxide being
added to the paint, independent lighting, 200 W minimum. Equipment:
transformer inside cubicle, rotary converter--preferably mounted out-
side cubicle. Welding table, from 0.5 to 0.7 high with cast iron top,
a rest being provided for the holder. Welder's post outside the cubi-
cle must be shut off by means of portable screens, bearing warning
notices. The post for each welder in the welding work-shop should
have no less than 4 m².

Immediate Source Clipping

Warsaw, Technical Literature, Vol XVII, No 4, April 1963

1. Information on the Activities of the GPT Working Committee for the Formulation of Requirements on the Construction of Special Anti-Class Outlets, Julian SUDANER, Magister Dept: pp 91-92.
2. Principles for the Selection of Parameters for Ducted-Fan Turbojet Engines, Mieczyslaw LIZINSKI, Magister Dept, and Stanislaw BOCZKOWSKI, Magister Dept: pp 94-104.
3. Problems of Airfield Construction in View of the Use of Modern Aircraft and Ballistocraft. Part I, Tadeusz KALPINEK of the SIKP (Institute of Aviation Technology, Technical Committee); Also: Stanislaw BOCZKOWSKI (Institute of Aviation Technology), Warsaw; pp 105-112.
4. Copy-Stamping of Blades by Means of Abrasive Blasts, Adolf OLSZAK, Magister Dept, and Technician Wiktor KROWCZYK, PT-11-119.
5. The Simple Method of the 15th Anniversary of the Aviation Institute (Institute Literature), unassigned, pp 119-122.

CSO: 2003-3
1988

9
261

GOLEDZINOWSKI, Antoni, mgr. inz.; RZECZNIK, Wiktor, techn.

Replica grinding of blades with the use of abrasive belts.
Techn lotn 17 no.4:112-119 Ap '62.

P/008/62/000/004/002/002
D265/D303

AUTHORS: Golędzinowski, Antoni, Master of Engineering, and Rzecznik,
Wiktor 10

TITLE: Copy-grinding of blades using abrasive belts

PERIODICAL: Technika lotnicza, no. 4, 1962, 112-119 15

TEXT: The technology of copy-grinding using abrasive belts for production of turbine blades is described. Various types of abrasive belts and their properties are tabulated together with a detailed description of the Cadam-co profile grinder which was used for testing the experimental abrasive belts produced in Poland. A full description of various experimental belts is given and the procedure of testing, precautions taken, and the results obtained are included. The experiments did not consider the effect of cooling during profile grinding. Conclusions reveal that there are certain possibilities of producing suitable abrasive belts in Poland after further development work and in close co-operation between the manufacturers of belts and abrasives. There are 12 figures, 6 tables and

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✓
25

Card 1/2 30

Copy-grinding of blades ...

P/008/62/000/004/002/002
D265/D303

5 references: 1 Soviet-bloc and 4 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: H.J. Pearson - Controlled Belt-Grinding, Aircraft Production 1/61, i 2/61.; Belt-Grinding, Aircraft Production 5/59; H.J. Pearson - Band-Grinding, Aircraft Production, 8/58; Automatic Grinding with Coated Abrasives, American Machinery, 8/1958.

Card 2/2

DUDKOWSKI, Leszek; RZEPECKI, Tadeusz

Surgical treatment of Kartagener's triad. Pediat. Pol. 39 no.12:
Pediat. Pol. 29 no.12:1381-1384 D '64

1. Z Dziecięcego Ośrodka Sanatoryjnego w Rabce (Dyrektor: dr.
med. J. Rudnik).

GOLEDZINOWSKI, Antoni, mgr inz.; RZECZNIK, Wiktor, techn.

Grinding by abrasive tapes. Techn lotn 20 no.1:16-20
Ja '65.

RZECZYCKI, W.; GRUDZINSKA, Alicja; HILLAR, M.; WSZELAKI-LASS, Ewa

Isolation and amino acid composition of the cathodic protein from
hog kidney mitochondria. Acta biochim. pol. 10 no.1:49 '63.

1. Department of Biochemistry, Medical School, Gdansk.
(NO SUBJECT HEADINGS)

RZECZYCKI, W.; HILLAR, M.

Respiration of the submandibular salivary gland in a steer and production of mucin in vitro. Acta biochim.polon. 7 no.2/3: 261-268 '60.

1. Zakład Chemii Fizjologicznej AM, Gdansk Kierownik prof. dr Wl. Mozolowski.

(SUBMAXILLARY GLAND metab)

(MUCIN metab)

RZECZYCKI, W.

Basic protein from mitochondria as inhibitor of the enzymes
of the electron transport system. Acta biochim. polon. 10
no.3:279-285 '63.

1. Department of Biochemistry, Medical School, Gdansk.
(MITOCHONDRIA) (PROTEINS) (ANTIMETABOLITES)
(KIDNEY)

RZECZYCKI, W.; BARDON, Alicja; HILLAR, M.; WOJCIECHOWSKI, J.

Sialic acid and other protein-bound carbohydrates in Ehrlich mouse ascites tumour fluid. Acta biochim. polon. 10 no.3: 315-319 '63.

1. Department of Biochemistry, Medical School, Gdansk.
(NEURAMINIC ACIDS) (CARCINOMA, EHRlich TUMOR)
(HEXOSSES) (HEXOSAMINES) (PROTEINS)

RZECZYCKI, W.

Neuraminic acid. p. 481

POSTĘPY BIOCHEMI. (Polska Akademia Nauk. Komitet Biochemiczny)
Warszawa. Vol. 4, no. 4, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), IC, Vol. 8, no. 6, June 1959
Uncl.

RZECZYCKI, Wiktor

Biological properties of basic proteins. Postepy biochem. 9
no.4:431-450 '63.

(PROTEINS) (PHARMACOLOGY) (CYTOCHROME OXIDASE)
(LIPID METABOLISM) (CELL NUCLEUS) (BACTERIA)
(PHOSPHOTRANSFERASES) (METABOLISM) (NEOPLASMS)
(BLOOD COAGULATION) (PEPSIN) (ACID-BASE EQUILIBRIUM)
(ENZYMES) (ELECTROPHYSIOLOGY) (RECEPTORS, NEURAL)

RZECZYCKI, Wiktor

Neuraminic acid. Postepy biochem. 4 no.4:481-491 1958.

1. Lekarz, Asystent Zakladu Chemii Fizjologicznej Akademii Medycznej
w Gdansk.

(AMINO ACIDS,
neuraminic acid, review (Pol))

RZECZYCKI, W.; GRUDZINSKA, Alicja; HILLAR, M.

The cathodic proteins in hog kidney mitochondria. Acta biochim. polon.
9 no.3:295-299 '62.

1. Department of Biochemistry, Medical School, Gdansk.
(MITOCHONDRIA - chemistry) (KIDNEY - chemistry)
(PROTEINS - chemistry) (ELECTROPHORESIS)

RZEPECKI, Wit; LANGER, Jan

A case of simulation of massive pulmonary hemorrhage.
Gruzlica 30 no.8:753--758 '62.

1. Z Kliniki Chirurgii Klatki Piersiowej SDI. (Sanatorium im.
dr O. Sokolowskiego) w Zakopanem Dyrektor: prof. dr med.
W. Rzepecki.

(HEMOPTYSIS) (LUNG DISEASES) (MALINGERING)
(BRONCHIECTASIS) (PNEUMONECTOMY)
(HYPOCHONDRIASIS) (HEMORRHAGE)

RZEPECKI, Wit; BIRECKA, Ada; GORALCZYK, Jerzy

Results of mechanical resection of the pulmonary parenchyma
in tuberculosis. Gruzlica 31 no.1:13-17 '63.

1. Z Kliniki Chirurgii Klatki Piersiowej SDL w Zakopanem
Kierownik: prof. dr med. W. Rzepecki Z Oddziału Chirurgicznego
Sanatorium im. F. Dzierzynskiego w Otwocku Dyrektor: dr E.
Komar Ordynator: dr A. Birecka.
(PNEUMONECTOMY) (SUTURE TECHNICS)
(TUBERCULOSIS, PULMONARY)

RZECZYCKI, W.

Neuraminic acid in serum proteins; methods of its determination.
Acta biochim.polon. 6 no.2:171-183 '59.

1. Zakład Chemii Fizjologicznej Akademii Medycznej w Gdansk

Kierownik: prof. dr Wl. Mozolowski.

(NEURAMINIC ACID - blood)

(BLOOD PROTEINS - chemistry)

HILLAR, M.; RZECZYCKI, W.

Interaction of macrocations and macroanions with mitochondria.
Acta biochim. Pol. 12 no.2:133-141 '65

1. Department of Biochemistry, Medical School, Gdansk.

RZEPECKI, Wladyslaw, dr

Price theory concerning sea transportation. Tech gosp morska 12
no.9:257-259 S '62.

1. Instytut Morski, Gdansk.

RZECZYNSKI, Bernard, mgr inż.

Training spots for instruction in road traffic. Przegl tech [84]
no.8:6 24 F '63.

1. Politechnika, Poznan.

RZECZYNSKI, Bernard, mgr inż.

The noise of aircraft and communication airports. Przegl techn
no.35:1,2 2 S '62.

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RZECZYNSKI, Bernard, mgr inż.

The noise caused by traffic in cities and suburban settlements.
Przeł techn no.8:3,5 21 F '62.

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CIA-RDP86-00513R001446530011-6
CIA-RDP86-00513R001446530011-6"

RZECZYNSKI, Bernard, mgr. inż.

Engineering of road traffic. Drogownictwo 16 no. 11:251-253 N 61.

RZECZYNSKI, Bernard, mgr inz.

Arteries of automobile freight traffic in cities. Przegl
techn 84 no. 37:1,6 15 S '63.

RZFCZYNSKI, Bernard, mgr., inż.

Noise caused by traffic in cities and suburban settlements. Przegł
techn no. 8:3, 5. F '62

RZECZYNSKI, Bernard, mgr inz.

Bituminous pavements for turbojet aircraft. Przegl techn 84 no.23/24
4 9-26 Je '63.

RZECZYNSKI, Bernard, mgr., inz.

Tar concrete airport pavement for jet airplanes. Drogownictwo 17 no. 5:
111-113. My '62,

SCHNEIDER, Marian, doc.; RZECZYCKI, Jan, inz.

Technological parameters of tubes rolled in a 300 mm trio
reducing mill. Hutnik 31 no.9:299-307 S '64.

1. School of Mining and Metallurgy, Krakow.

CATEGORY :

ABS. JOUR. : RZKhm., No. 21 1959, No. 76439

AUTHOR : Rzedowska, H.

INST. : Not given

TITLE : A Comparison of Methods Used in the Storage of Industrial Yeasts. Part I. Investigation of the Properties of Yeasts Immediately Following Drying

ORIG. PUB. : Prace Inst i Lab Badawcz Przemysl Spozycz, 9, no 1-1-21 (1959)

ABSTRACT : The author reviews work on the changes in the morphologic, physiologic, and biologic properties of distillers' yeast strains ('34,' 'gdansk,' 'ya,' and 'O, '), which have been activated immediately following drying by lyophilization. The drying lowers the viability of the yeast cells (YC) (slower development of the colonies, reduction in the growth of the YC during fermentation of the wort) and accelerates the fermentation process induced by the distillers' yeast. A

CARD: 1/2 * by Lyophilization.

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RZEDOWSKA, Halina; GORECKA, Helena

Microbiological control in the wine-making industry. Przemysl fermentacyjny 6 no.3:66-69 Mr '62.

1. Instytut Przemyslu Fermentacyjnego, Warszawa

Poland/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6603

Author: Rzedcwska, Halina

Institution: None

Title: Experiments on Use of Phytoncides as Preservation Agents in the Production of Apple Juice

Original
Publication: Przem. rolny i spozywczy, 1954, 8, No 5, 180-181

Abstract: Investigation of the action of phytoncides of mustard seed (of white and black mustard) on microflora of apple juice (clarified and not clarified). Milled mustard, coarsely ground mustard and mustard oil were added to the juice in an amount of 0.05-2%, after which the juice was stored at 7°, 15° and 25° for 1 to 6 months. It was found that mustard phytoncides affect most strongly yeasts and molds.

Card 1/1

POLAND/Chemical Technology - Chemical Products and Their
Application - Food Industry.

H.

- Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 31619
- Author : Rzedowska, H.
- Inst : Organization of the Bacteriological Control of the
- Title : Processing of Fruits and Vegetables.
- Orig Pub : Prace Inst i lab Badawcze, Przenysl Roln i Spozyczy, 6,
No 3, 1-21, 1956, (in Polish with summaries in English
and Russian); Przenysl Spozyczy, 11, No 10, 449, 1957,
(in Polish)
- Abstract : A comparison investigation of the methods used in the
quality control of fruit and vegetable canning has shown
that the method in which 0.05 ml of test solution is
spread over 4 cm² of treated glass slide is most effecti-
ve. A single sample can be used for the determination of
the bacteria count, the number of yeast cells present,

Card 1/2

JAKUBOWSKA, Jadwiga; RZEDOWSKA, Halina; RZEDOWSKI, Wieslaw

An attempt to classify wine yeast by gray's method. Rocznik
chem zywn 8:79-92 '61.

1. Katedra Mikrobiologii Technicznej, Politechnika, Lodz.
Kierownik: prof.dr. J.Jakubowska i Instytut Przemyslu
Fermentacyjnego, Warszawa, Pracownia mikrobiologii Techniczne,
Kierownik Pracowni: mgr.Irena Januszewicz.

RUNDOWSKA, H.

Kocelowski, M. Problem of the fermentation of wine at low temperature. p. 9.
PRZEGLĄD SPOŻYWCZY, Warszawa, Vol. 9, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

RZEDOWSKA, W.

Rzedowski, W. Research on the industrial application of fermentation of wine
at low temperature. p. 40.
PRZECHYSL SPOZYWCZY, Warszawa, Vol. 9, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

RZFDOWSKA, H.

Research on comparison and establishment of methods of microbiological control in the fruit and vegetable industries. p.1
(PRACE INSTYTUTOW I LABORATORIOW BADAWCZYCH PRZEMYSLU ROLNEGO I SPOZYWCZEGO, Vol. 6, No. 3/4, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

RZEDOWSKA, H.

"Research on the application of phytoncides as a means of preservation of wine and fruit juice," *Przemysl Rolny I Spozywczy*, Warszawa, Vol 8, May 1954, No 5, p. 180.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

2659

663.91 : 577.15

✓ Rzędowska H. Investigations Concerning Secondary Fermentation of Cocoa Beans.

„Badania nad wtórną fermentacją ziarna kakaowego”. Przemysł Rolny i Spożywczy. No. 3, 1953, pp. 83—87, 8 figs.

Experiments have proved erroneous the view hitherto held that „secondary” fermentation of cocoa beans, was a biological process, resulting from the influence of yeast and cocoa enzymes. A proper selection of physico-chemical conditions corrects the defects in taste. The best results were obtained with steam infusion of the beans for 30 minutes and drying at 80 to 120°C. Analytical tests proved that the amounts of cocoa red and invertible sugars in cocoa beans were in reverse proportion.

Polish Technical Abst.

No. 1 1954

Agriculture, Food Processing
Industry, Forestry, Fisheries

10

Warsaw, Pracznik Geodezyjny, Vol 34, No 1, January 1962.

"Ten Years of Work of the National Institute of Cartographic Publications [PPWK, Państwowe Wydawnictwo Kartograficzne]". Pracznik Geodezyjny, No 34, No 1, 1962, pp 1-4.

1. "About Tourists' Maps Published by PPWK in 1957-1961." Stanislaw Janusz TIMOFIJCZAK; pp 4-10.
2. "Tourists' Map of the Maury Lakes." Maria LIXONA; pp 10-11.
3. "Remarks on the Standardization of Surveyors' Scales." Stanislaw FLOSKI; pp 12-13.
4. "On Better Quality First Outlines of Matrix and Large Scale Maps." Stanislaw KOLANGOWSKI; pp 13-16.
5. "Simplifying Compensation of Certain Typical Triangulation Nets." Witold KUCIEMSKI; pp 16-18.
6. "Triangulation Net of the City of Krakow." Ludwik DZYBYSKI; pp 18-21.
7. "Introducing Tachometer Duhita-020 with Plane Table Karti-250." Stanislaw CHADAL; pp 21-24.
8. "Remarks on Technical Polyfunction for Agricultural Purposes." Janusz ZEMBIK; pp 24-25.
9. "More on Geodetic Nets in Agricultural Surveys." Andrzej WOLCZYK; pp 25-26.
10. "Organization of Surveying for Housing in Prague." Jerzy SZYMA of G. Z. (Prague, Czechoslovakia) and Stanislaw SIKS of VOK (Prague) (translated by W. KOPCZYNSKI); pp 26-27.

POLAND

RZEDOWSKI, Jan, mgr ins.

Director, Government Cartographic Publications Enterprise (Panstowe
Przedsiębiorstwo Wydawnictw Kartograficznych).

Warsaw, Przegląd geodezyjny, No 9, September 1965, pp 365-368.

"Development of Cartographical Editions in Geodesy 1945-1965."

RZEDOWSKI, Jan, mgr., inż.

Ten years of activities of the State Map Publication Enterprise.
Przeł geod 34 no.1:1-4 '62.

RZEDOWSKI, M.

Building industry at the threshold of the 5-Year Plan. p. 282

Vol. 12, no. 9, Sept. 1955
INZYNIERIA I BUDOWNICTWO
Warszawa

Source: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

RZEDOWSKI, M.

RZEDOWSKI, M. Experimental exemplary building construction in the Soviet
Union p.433 Vol. 28 no.11 Nov. 1956
PRZEGLAD BUDOWLANY, Warszawa Poland

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

Winter work in the building industry; rhythmic and flowing work in building and assembling is an index of technical and organizational progress. / (PRZEGLAD BUDOWLANY, /
Vol. 27, no. 1, Jan. 1955.) p. 1. Warszawa,

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

RZLDCWSI, M.

"Most Important Tasks of the Shop Sections of the Polish Association of Civil Engineers and Building Constructors", P. 227, (PRZEGLAD BUDOWNIANY, Vol. 26, No. 8, August 1954, Warsaw, Poland)

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

RZEDOWSKI, W.

Preserving the content of strawberries in marmalades.

p. 306
Vol. 9, no. 7, July 1955
PRZEMYSŁ SPOŻYWCZY
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

POLAND/Chemical Technology. Chemical Products and Their Application.
Food Industry.

H-28

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16068.

Author : Rzedowski Wieslaw

Inst : Institute and Research Laboratory of Agricultural and Food
Industry.

Title : Imparting Firm Consistency to Sulfitized Strawberries.

Orig Pub: Prace inst. i lab. badawcz. przem. roln. i spozywcz., 1956,
6, No 1, 20-28.

Abstract: See also RZhKhim, 1956, 67097.

Card : 1/1

POLAND/Chemical Technology, Chemical Products and Their
Application. Part 3. - Wood Pulp Industry, Hydro-
lysis Industry.

H-24

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33992.

Author : Feliks Polak, Wiesław Rzędowski.
Inst : Not given.
Title : Compound of Glucose with Sulfurous Acid.

Orig Pub: Przem. spożywczy, 1957, 11, No 6, 255-258.

Abstract: It was found that the rate of H_2SO_3 (I) combining with
glucose depended on the neutralization degree of the
acid and attained its maximum value at the neutraliza-
tion of 1 mole of I with 1 mole of NaOH. I did not com-
bine with glucose, if the neutralization degree had
been higher than the mentioned above.

Card : 1/1

END
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RZELOWSKI, W.;Piller, K.

Studies on accelerated maturation of fruit wines. p. 1.
(PRACE INSTYTUTOW I LABORATORIOW BADAWCZYCH PRZEMYSLU ROLNEGO I SPOZYWCZEGO.
Vol. 6, no. 2, 1956, Warszawa, Poland)

SC: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

POLAND/Chemical Technology. Chemical Products and Their
Application. Food Industry.

H-28

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6277.

Author : Reinhercs, Aleksander; Rzedowski, Wieslaw.

Inst :

Title : Antibiotics in Victuals.

Orig Pub: Przem. spozywczy, 1958, 12, No 7, 268-272.

Abstract: Review. Bibliography with 7 titles. - A.P.

Card : 1/1

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RZEDOWSKI, Wieslaw (Warszawa)

CIA-RDP86-00513R001446530011-6
CIA-RDP86-00513R001446530011-6"

Enzyme preparations of microbiological origin and their appli-
cation in the food industry. Przem spoj 15 no.11:18-30 '61.

JAKUBOWSKA, Jadwiga; RZEDOWSKA, Halina; RZEDOWSKI, Wieslaw

An attempt to classify wine yeast by gray's method. Rocznik
chem zywn 8:79-92 '61.

1. Katedra Mikrobiologii Technicznej, Politechnika, Lodz.
Kierownik: prof.dr. J.Jakubowska i Instytut Przemyslu
Fermentacyjnego, Warszawa, Pracownia mikrobiologii Techniczne,
Kierownik Pracowni: mgr.Irena Januszewicz.

RZĘDOWSKA, WIESŁAW

Med

✓ Fermentation of wine at low temperatures. Różalska Rzędowska and Wiesław Rzędowski (Inst. Przemysłu Ferment., Warsaw). *Prac. Inst. i Lab. Badawczych Przemysłu Rolnego i Spółdzielczego* 5, No. 2, 18-25 (1955).—Fermentation ability and fermentation power were detd. for 5 strains of cryophilic yeasts, and it was demonstrated that these yeasts can be applied in the wine industry for fermentation at temps. ranging from 0 to 20°. The "Sphannlsberg" and

2

"Salenegg" strains gave the best results. Wine fermented at lower temps. showed a lower content of volatile acids and higher content of volatile esters as compared with wine fermented at 25 to 30°. In addn. the low-temp. wine had a superior aroma and could be clarified more easily. Two strains of yeasts identified as *Saccharomyces cerevisiae* var. *ellipsoideus* were isolated from fruit must; these strains showed fermentation power at 9-12° and after a 5-month growth period at these temps. they could be applied for routine fermentation processes. R. Ehrlich

Stabilization of consistency of strawberries in the pulp.
Wiesław Rzędowski. *Prace Inst. Lab. Badawczych Przemysłu Rolnego i Spożywczego* 6, No. 1, 20-8(1956)(English summary).—Depending on the kind of berry and the degree of ripeness, the optimum level of Ca to be added to the pulp was 60-200 mg./kg. Higher levels caused the berries in the finished jam to be hard and difficult to chew. A. S. S.

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Vitaminization of fruit juices with ascorbic acid. Maria Kropp, Franciszek Nowotny, and Wieslaw Rzedowski. *Prace Głównego Inst. Przemysłu Rolnego i Spozyczego* No. 2, 1-5 (1964) (English summary).-- Effect of the following factors on stability of ascorbic acid added to apple juice was examd.: ascorbinase, pasteurization, light and heavy metals, denaturation, and SO₂ treatment. Pasteurization results in a 6-15% loss. Losses on 2-mo. storage in glass bottles amounted to 70%. They could be reduced to 44.9% by the use of brown glass. Anaerobic storage for 3 mos. showed a 25% loss in ascorbic acid. Sulfiting reduced loss on 2-mo. storage from 49.5 to 30.4%. Cu and its salts had no adverse effect.

Alina S. Szczesijak

(2)

Methods for preparation of enzymes for the clarification of musts and wines. W. Rzedowski. *Prace Głównego Inst. Przemysłu Rolnego i Spżywczego* 3, No. 2, 9-17 (1963).
The objective of these studies was to develop a method for the production of enzyme preps. capable of clarification of fruit juices. Use has been made of the ability shown by certain types of *Aspergillus*, including *A. niger*, *A. flavus*, *A. fumigatus*, *A. wentii*, and *A. oryzae* to produce pectin-degrading enzymes. *A. niger* produced the highest quantities of the enzyme when grown at 30-40° for 3 days. The time of must clarification was 55 min. The quantity of the produced enzyme depends on the presence of peptone in the medium; however, peptone can be successfully substituted with $(NH_4)_2SO_4$ and $(NH_4)_2HPO_4$. The residual odor and off-taste of the mycelium can be removed from the prep. through heating at 100-110° for 15-30 min. The enzyme prep. obtained in lab. or pilot plant showed considerable activity: 1 g./l. at 18-20° clarified apple juice within 1.5-3 hrs.; addn. of 1 g./kg. of pulp increased the yields of apple juice up to 14%. The enzyme prep. was also found to be suitable for the clarification of turbid wines. R. B.

POLAND / Chemical Technology. Fermentation Industry. H-27

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79285.

Author : Rzedowski, W.
Inst : Not given.
Title : The Fermentation of Wine at Low Temperatures.

Orig Pub: Przetwor. owoc.-warz. i koncentr., 1958, 2,
No 1, 3-6.

Abstract: A review. The properties of cryophilic yeast are examined, the methods of fermentation at low temperatures, the effect upon the yield of alcohol and the quantity of the wine produced. An experimental production in 1957 in PNR [Polish People's Republic] of 5,000 decaliters of fruit wine under conditions of low temperature fermentation gave positive results. The shortcoming of the method is the comparatively time consuming fermentation. Twenty-one references.

Card 1/1

RZEDOWSKI, W.

Possibility of substituting lactic acid for citric acid in the production of wine. R. Nowotny, W. Rzedowski, and M. Kroppowa. (Główny Inst. Przemysłu Rolnego i Spożywczego, Kraków, Poland). *Przemysł Rolny i Spożywczy* 8, 122-4 (1964) (English summary).—Lactic acid is a perfect substitute for citric acid for acidification of fruit juices in the production of wine. Its addn. results in milder flavor and better harmonized bouquet. W. Szybalski

RZEDOWSKI, W.

Rzedowska, H. Research on the industrial application of fermentation of wine
at low temperature. p. 40.

PRZEMYSŁ SPOZYWCZY, Warszawa, Vol. 9, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

RZEDOWSKI, W.

Rzedowska, H. Problem of the fermentation of wine at low temperature. p. 9.
PRZEGLĄD SPOZYWCZY, Warszawa, Vol. 9, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

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Title: Effect of Replacing Lactic Acid for Citric Acid in the Production of Wine

POL

2

Próba zastąpienia w produkcji wina kwasu cytrynowego kwasem mlekowym. Przemysł Rolny i Spożywczy, No. 4, 1954, pp. 122-124, 4 figs.

The purpose of this investigation was to establish the influence of lactic acid, as a means of increasing, for the production of wine, the acidity of juices. Tests were carried out with apple and bilberry juice. The wine infusion received additional acidity from varying quantities of either lactic or citric acid. The experiments confirmed that lactic acid has no deleterious influence on the quality of wine — on the contrary — it mellows the acid flavour and imparts a better harmonized bouquet.

Preparation of the pectin enzyme complex for the clarification of fruit juices. P. Nawojski and W. Rzekiński (Człony Inst. Przemysłu Rolniczo-Spożywczego, Cracow, Poland). *Act. Microbiol. Polon.* 2, 229-31 (1953) (English summary). *Aspergillus niger* produced the greatest amt. of pectinase of all the investigated molds. Other pectinase-producing species listed in the order of decreasing activity, were: *A. fumigatus*, *A. scutii*, *A. bryanae*, and *A. flavus*. The production of the enzyme was most vigorous on substrates contg. pectin and a suitable source of N. For practical purposes sugar-beet residue was found to be a suitable medium. The greatest amt. of the enzyme was produced after 2-4 days of incubation at 30-35°. The prepd. enzyme clarified apple juice in 1-1 1/2 hrs. at 18° in the concn. of 1 g/l. The mushroom-like odor and taste of the prepn. could be eliminated by heating at 100-110° for 15-20 min. or by adding 0.5-1.0% of activated charcoal. Good results were also obtained by the combination of the two methods. Alina S. Szczesniak

RZEDOWSKI, W.; NOWOTNY, F.

"Exact Determination of Gaseous Acids in Wines." p.291
(PRZEMYSŁ ROLNY I SPOZYWCZY Vol. 7, no. 8, August 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

COUNTRY : Poland M
CATEGORY : CULTIVATED PLANTS. Fodder Grasses and Roots
ABS. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959; No. 15699
AUTHOR : Rzegocinska, Ludgarda
INST : Poznan Inst. of Crop and Seed Cultivation
TITLE : Use of Graftings to Accomplish Interspecies
Sexual Cross of Lupines.
ORIG. PUB. : Roczn. nauk. rolniczych, 1957, A77, No.1,
103-114

ABSTRACT : In 1950 to 1953 more than 2000 graftings of
white, yellow and narrow-leaf lupines and other
leguminous crops were performed in field
conditions and in hothouses at the Poznan
Institute of Crop and Seed Cultivation. With
the grafting of yellow lupine to white and of
white to yellow and subsequent crossing of them,
seeds failed to be produced. The best results
were obtained in grafting narrow-leaf lupine
to white, which the author explains by the

CARD: 1/2

The influence of body length and age on the regeneration of the tail in tadpoles
Xenopus laevis. p. 1.
(FOLIA BIOLOGICA. Vol. 4, no. 1. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

RZEHAJ, K.

SCIENCE

Periodical: KOSMOS. SERIA A: BIOLOGIA. Vol. 7, no. 3, 1958.

RZEHAJ, K. The biological importance of pCO_2 . p. 319.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3, May 1959
Unclass.

✓ 5167. Influence of body length and age on the regeneration of the tail in *Xenopus laevis* tadpoles. K. Rzeżak. *Folia biol. Warsaw*, 1956, 4, 1-22 (Zakład Biologii Akademii Medycznej Kraków, Poland).—The rate of regeneration of the tail following amputation is related directly to the growth rate of the animal and inversely to its age. The positive influence of the growth rate is much greater than the negative influence of advancing age. The growth rate increases between the 10th and 60th days of life, but its influence on regeneration decreases between the 10th and 30th days. (Polish, Eng. summary) *med*

B. TOWERS

POLAND / General Biology. Individual Development. Re- B
generation.

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103313.

Author : Rzehak, Karol.

Inst : Not given.

Title : Influence of Body Length and Age on the Tail Re-
generation of Tadpoles.

Orig Pub: Folia biol., 1956, 4, No 1, 1-22.

Abstract: The author defines the regenerative capacity of tadpoles as the rate of enlargement of the regenerate per unit of length of the amputated tail section. It was found that age has an inverse effect on tail regeneration, but the rate of growth has a positive effect on tail regeneration. Although the growth rate is greatest from 16-60 days of age, during the period from the 10th to the 30th

Card 1/2

RZEHAK, K.

The relation between growth and regeneration in tadpoles of *Xenopus laevis* Daud. *Folia biol* 8 no.1/2:11-32 '60. (EEAI 10:4)

1. Department of Biology and Embryology, Medical Academy, Krakow; head:
Prof. Dr. S.Skowron. Department of Statistics, University of Lublin;
head: Prof. Dr. M.Olekiewicz.
(XENOPUS LAEVIS)
(REGENERATION (BIOLOGY))
(GROWTH)

RZEHK, T.

"Transportation of Supplies for Metallurgical Plants" p. 25 (Wiadomosci Hutnicze,
Vol. 9, No. 7/8, July/Aug., 1953, Stalinograd)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.

ZWIERZ, Czeslaw; DZBENSKI, Tadeusz; RZEPECKA, Halina

Trichuriasis on the basis of observations at the District
Outpatient Dispensary for Intestinal and Parasitic Diseases
in Gdynia. Bull. inst. mar. med. Gdansk 16 no.1:43-47 '65.

1. Z Instytutu Medycyny Morskiej w Gdansku, i z Wojewodkiej
Przychodni Schorzen Jelitowych i Pasozyticznych w Gdyni .

RZEF

APPROVED FOR RELEASE: Thursday, September 26, 2002

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Mathematical Reviews
Vol. 14 No. 11
December, 1963
Geometry.

8-9-54
LL

Rzehina, N. F. The theory of a field of local hypertorses in X_n . Trudy Sem. Vektor. Tenzor. Analizu 9, 411-430. (1952). (Russian)

This paper is concerned with a one-parameter family of hypertorses (developable hypersurfaces) in a space X_n . The technique is that used in many local problems of differential geometry: with each point of X_n is associated a tangent space E_n with, in this case, a one-parameter family of hyperplanes. Thus one obtains a manifold X_{n+1} in which a linear connection is established and by means of it a complete system of differential invariants of the family is obtained. The geometrical guide in this construction is the fact that a one-parameter family of hyperplanes in E_n , not passing through the center, is the dual of a curve in E_n that does not lie in a centro-affine space of lower dimension.

M. S. Knebelman (Pullman, Wash).

RZEMEK, K.

"The construction of helicopters is difficult."

p. 13 (Slrzudlata Polska) Vol. 14, no. 4, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SZCZUREK, Zbigniew; RZEMPOLUCH, Jacek

Contribution to the study on the effect of electrical current
based upon multiple developmental anomalies. Pol. tyg.lek.
19 no.1:22-23 1 Ja'64

1. Z Zakładu Anatomii Patologicznej Szl. AM w Zabrze; (kierownik:
prof.dr. Witold Niepolomski) i I Kliniki Położnictwa i Chorób
Kobiet Szl AM w Zabrze (kierownik: prof. dr. Wojciech
Starzewski [deceased])

*

P O L .

Enzymic studies of goat milk. Franciszka Rzendowska.

Roczniki Państwowego Zakładu Hig. 5, 209-86(1954)(English summary).—A study was made of the kinetics of peroxidase, catalase, and phosphatase of goat milk. The tests were carried out on milk of one animal. A new photoelectric method was developed for the detn. of peroxidase based on the oxidation of nitrites to azo compounds in the presence of H_2O_2 and in an acid medium contg. sulfanilic acid and naphtholamine. It was concluded that the kinetics of the enzymes of goat milk do not differ from the kinetics of the same enzymes in cow milk and that they are not dependent on the lactation period.

Alina S. Szczesniak

"In the field of land drainage."
Gospodarka Wodna, Warsaw, Vol 14, No 6, June 1954, p. 202

S0: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

Peroxidase function of *Penicillium chrysogenum* during production of penicillin. Acta physiol. polon. 5 no.4:635-638 1954.

1. Z Oddzialu Przemiany Posredniej Dzialu Biochemii P.Z.H. w Warszawie.

(OXIDASES,

peroxidase in *Penicillium chrysogenum* during penicillin synthesis)

(PENICILLIUM,

chrysogenum, peroxidase metab. during penicillin synthesis)

(PENICILLIN, metabolism,

Penicillium chrysogenum biosynthesis, peroxidase metab. in)

BA
C

3364. **Rapid method for determination of moisture in white, raw, and refined sugar.** J. Zakacki, F. Rzendowska, and M. Brzeski (*Gaz. Cukr.*, 1952, **64**, 61-63; *Sug. Ind. Abstr.*, 1952, **16**, 74).—In the Russian and the international method, 10 g. of the sugar are dried to constant wt. (difference >0.001 g.) in a dish 50 mm. wide and 30 mm. high (furnished with a ground-edge lid for use during cooling and weighing), at 105° in an ordinary oven (total time 3.5 hr.), or at 100°/40 cm. of Hg pressure, in a vac. oven (4 hr.). Tests at lower pressure show no improvement. At atm. pressure, accurate results are obtained at 130° (but not at $>130^\circ$), after heating for 15 min.; neither caramelization, nor increase in the invert sugar content is apparent, but an increase in colour (0.1 St. for 50 g. dissolved in 100 ml. of water) is observed. Comparative determinations at 105° and at 130° agree well; the rapid method is recommended. P. S. ANUR.

RZENIEWSKA, F., Shugar, D.

Studies on the photochemistry of ribonuclease, p. 595.
(ACTA CHEMICA POLONICA. Vol. 3, no. 1, 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Incl.

RECEIVED FOR RELEASE - MASSACHUSETTS DEPARTMENT OF HEALTH SERVICES
RZENDOWSKA, F.

5603. Ultraviolet photolysis of ribonuclease. D. Shuger and F. Rzendowska *Bull. Acad. Polon. Sci.*, 1956, 4, 293-298 (Dept. of Biochem., State Inst. of Hygiene, Warsaw, Poland). — The McCarty procedure for ribonuclease (RNase) assay shows that after short periods of irradiation there is an increase in enzyme activity followed by normal inactivation. However, in the colorimetric procedure for RNase assay, there is no activation and the inactivation is of the first order, quantum yields being independent of concentration. As in the case of lysozyme, cysteine does not protect RNase from inactivation, except at low enzyme concentrations, where the absorption by the cysteine is high compared with that of the enzyme. The inactivation of the enzyme in 93% ethanol is no different from that in solution. As with lysozyme, no free amino acids or small peptides are liberated during the inactivation of RNase.

E. M. RATTENBUR

The peroxidase activity of *Penicillium chrysogenum* in penicillin production metabolism. J. Meduski and F. Rzeniewska (State Inst. of Hygiene, Warsaw). *Congr. Intern. Douchin, Résumés communs.*, 5^e Congr., Brussels 1955, 160-1 (in English). -- Intracellular peroxidase (I) can be detected when a penicillin-producing strain of *P. chrysogenum* is grown in a corn steep and lactose medium in submerged cultures in large fermentors. Structural proteins are involved in the peroxidase activity (II) (at a max. after 48 hrs. fermentation), since washing of the homogenized mycellium leaves the homogenate active. I has an optimum pH of about 8 and an optimum temp. of 35°. Pyrogallol acts as an acceptor in the II, with a concn. of $4 \times 10^{-4} M$ at the half-max. velocity. The velocity constn. for II at different temps. indicate a v. activation energy of about 9550 cal./mole. I appears to act not only on compts. of low mol. wt. but also upon the proteins of the mycellium as well.

W. C. Table

2

Med

SHUGAR, D.; RZENDOWSKA, F.

Studies on photochemistry of ribonuclease. Acta biochim. polon.
3 no.4:595-605 1956.

1. Z Zakladu Biochemii P.Z.H. w Warszawie.
(RIBONUCLEASE,
eff. of ultraviolet rays (Pol))
(ULTRAVIOLET RAYS, effects,
on ribonuclease (Pol))

POLAND

STEPKOWSKI, Stefan; and RZEDZICKI, Janusz, Department of Poultry Diseases of the Veterinary College of the Agricultural University, Lublin (Zaklad Chorob Drobiu Wydzialu Weterynarii WSR) Head (Kierownik) Docent Dr. Stefan STEPKOWSKI

"Observations on the Action of Furazol W in Intestinal Coccidiosis in Chickens"

Lublin, Medycyna Weterynaryjna, Vol 22, No 11, Nov 66; p. 681-682

Abstract [English summary modified]: Treatment of intestinal coccidiosis in chicks with nitrofurazon was more effective when the water soluble preparation Furazol W was added to the drinking water than when Furacoccid was admixed with the feed. However, availability of any drinking water other than the medicated one (such as rain puddles and dew) would decrease the effectiveness of treatment. 2 tables; 1 Czech, 4 Polish, 4 Western references.

RZEPA, T.; CZAJKA, A.; CICHY, J.

RZEPA, T.; CZAJKA, A.; CICHY, J. Soil containing silicate as a new adhesive
for molds from plastics. Biuletyn. p. 13.

Vol. 5, No. 7/8, July/Aug. 1955
PRZEGLAD CHEMII
TECHNOLOGI
Krakow, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

RZEPA, T.; BUCIOWICZ, J.

The influence of the concentration of hydrogen ions on the properties of
molding sands. p. 122.

(PRACE, Vol. 6, No. 3, 1956. (published 1957), Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

RZEPA, T.

RZEPA, T. New adhesives for cores. p. 358. Vol. 5, no. 12, Dec. 1955
PRZEGLAD ODLEWNICTWA. Krakow, Poland.

SOURCE: East European Accessions List (EFAL) LC VOL. 5, NO. 6, June 1956

✓ Naval Core Binders in the Peoples' Republic of Poland
J. Budlewicz and T. Rzepa. *Cheszczelcezn.*, 1968, 8, Jan.,
11-15). The prices of commercially available binders are
listed; the uses of urea resin and the engineering charac-
teristics of cores containing it are described. The properties
of Oil "ST", a by-product of the cellulose industry containing
from 80 to 95% of unsaturated vegetable oils, from 60 to 65%
abietic acid and dihydroabietic acid, and up to 5% of water,
are discussed. Experiments to determine the hygroscopicity
of cores are described. Results are compared with those
obtained in tests with linseed oil. —L. J. T.

2 1 em
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Mass

PM

RZEPA, T.

✓
14736* (Polish) Green Molding Sand for Heavy Castings.
Masy doleżkich odlewów wykonywanych na wilgotno.
Tadeusz Rzepa and Zdzisław Wertz. Przegląd Odlewnictwa,
v. 6, no. 7, July 1958, p. 202-208. 2

Advantages of green sand casting. Native materials for molds.
Methods of testing mold materials. Means of improving the
durability of molds for heavy castings. Preparation of sands;
proportions; mixing procedures.

of

LUKIANSKI, Marian; RZEPECKI, Wit

Pneumonectomy and pneumonotomy in surgical treatment of lung abscess. Pol. tyg. lek. 20 no.19:681-683 10 My '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia Lekarzy w Zakopanem (Kierownik: prof. dr. med. Wit Rzepecki).

KARAS, Aleksja, RZEPECKI, Wit

Surgical treatment of pulmonary tuberculosis in Poland in
1948-1963. Gruzlica 33 no.5:369-379 My '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. W. Rzepecki).

RZEPECKI, Wit; LANGER, Jan

Surgical treatment of pulmonary tuberculosis as an adjuvant
to chemotherapy. Gruzlica 33 no.5:381-388 My '65.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. W. Rzepecki).

R2 E

3004. RZEPECKI W. Zakopane. *Wskazania do wycięcia miąższu płucnego w chirurgicznym leczeniu. Resection of the lung tissue in the treatment of pulmonary tuberculosis GRUŻLICA 1956, 24/8 (763-774) Graphs 1 Tables 1

The indications for pulmonary resection in Poland should be adapted to the present state of tb control. Antimicrobial therapy both enlarged and changed the indications, since it modifies the course of pulmonary tb. The progress in the pathological examination of resected specimens established the worth of some of the indications, and also contributed to the inclusion into the indications of the limited lesions, particularly caseous foci. We are witnessing the continuous evolution of indications for resection; simultaneously, other surgical treatment becomes more limited; this treatment, however, should still be applied in selected cases. The indications were divided into: emergency cases; established indications (when collapse therapy is not advisable); and non-established, i. e. cases in which collapse therapy might be applied. Emergency indications include: rupture of the cavity, and uncontrollable haemorrhage. Established indications include: tuberculoma, destroyed lung, or destroyed lobe, cirrhosis, bronchiectases, bronchopleural fistula, bronchial stenosis, residual cavities, persistent cavities, i. e. cavities which, due to either their localization or their character, do not submit to the action of combined therapy (drug therapy and collapse therapy). Other indications are also discussed, these include: empyema with the above-mentioned lesions of the lung parenchyma and the bronchi; also very infrequent cases of cavernolites, primary drug resistance and the like. It should be pointed out that there are indications which can be decided upon at the operation, and indications which aim at preventing post-resectional complications. Finally, contra-indications are briefly discussed.

RZEPA, T.

Bursatyn L., Buclewicz J., Rzepa T. Synthetic Resin as a Foundry Core Bond. MG

„Zywice syntetyczne jako spojwa do rdzeni odlewniczych”. Przegląd Odlewnictwa. No. 9, 1954, pp. 241-251, 9 figs., 4 tabs.

The authors deal with the use of „121” urea resin as a core binder. This resin is obtained from indigenous products and is superior in physical and chemical properties to urea resins of foreign origin. Experiments carried out on both laboratory and semi-industrial scale provided an opportunity for deciding on a core sand of optimum properties of: 100 parts quartz sand, 0.5 starch of a doughy consistency, 1.5% resin and 4% water. Quartz base core sands are being used in the production of cores on a metal plate. The compressive strength of such cores amounts,

in the green state, to roughly 0.08 kg/cm² and, in the baked state, to more than 19.7 kg/cm². Urea resins used instead of oil binders reduce from 4 hours to 1 hour the time required for drying cores at temperatures ranging from 180° to 220°C. The percentage of rejects in both cores and castings is appreciably smaller than in the case of oil-bonded cores, a factor capable of substantially reducing foundry overheads. Reference is also made to work safety and hygiene in foundries relying on urea resins. (2)

New core binders. The elaboration of binders based on starch and cellulose, p. 125.
(KRAKOW, Warszawa, Vol. 4, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jun. 1955,
Uncl.

Plan of articles to be discussed in Materialy Budowlane for 1955, p. 1. (MATERIALY
BUDOWLANE, Warszawa, Vol. 10, no. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

RZE

Poland/Chemical Technology. Chemical Products and Their Application -- Wood chemistry products. Cellulose and its manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6279

Author: Buciewicz, Jan; Rzepa, Tadeusz

Institution: Foundry Institute

Title: Tall Oil "ST" -- A New Cementing Agent

Original

Publication: Przegl. odlewn., 1955, 5, No 11-12, Biul. inform. inst. odlewn., 21-23

Abstract: Tall oil "ST" (byproduct of sulfate cellulose production) consists of 30-35% fatty acids, 60-65% resin acids (mostly abietic) and 5% moisture. Its use in the making of casting molds is described.