

RUTKOWSKI, B. (Swoszowice)

Three-way classification of pine forest stands by the use of the Vrotslavian method. Zastos mat 6 no.1:79-110 '61

RUTKOWSKI, B. (Swoszowice)

Three-way classification of pine forest stand with the use of the  
Vrotslavian method. Zastos mat 6 no.1:79-110 '61.

(Classification) (Forests and forestry)  
(Sampling)Statistics)

RUTKOWSKI, Czeslaw \_\_\_\_\_

New designs of the Central Bureau for the Design of Machine Tools.  
Mechanik 35 no.5:228-231 My '62.

1. Central Bureau for the Design of Machine Tools, Pruszkow.

CIESLINSKI, Stefan; RUTKOWSKI, Edmund

The Archaeocyathidae in the southeastern border region of  
the Great Lakes Basin in Mongolia. Przegl geolog 10 no.7:371-373  
Jl '62.

1. Instytut Geologiczny, Warszawa.

RUTKOWSKI, Edmund

A success of the Military Topographic Services; review of the book  
"Atlas form i typow rzezby terenu Polski" (Atlas of forms and types  
of the sculpture of Poland's territory). Przegl geol 11 no.7:393-394  
J1 '61.

RUTKOWSKI, Edmund

Pseudo-boulder clays in the Quarternary sections of some localities of Central Poland. Kwartalnik geol 5 no.1:223-240 '61.

1. Zakład Zdjec Geologicznych Instytutu Geologicznego w Warszawie.

RUTKOWSKI, Edmund

Stages and designing of geological-prospecting work in the U.S.S.R.  
Przełł geol 10 no.9:493-495 S '62.

1. Instytut Geologiczny, Warszawa.

RUTKOWSKI, Edmund

Experiments in the methods and organization of preparations  
for geological works in territories abroad. Przegł geol  
10 no.11:615-618 N '62.

1. Instytut Geologiczny, Warszawa.



RUTKOWSKI, E.

Notes on the instruction concerning the editing and publishing of a detailed geologic map of Poland. p. 128.

PREZEGNIAD GEOLOGICZNY. Wydawnictwa Geologiczne. Warszawa, Poland, Vol. 7, No. 3, March, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959.  
Uncl.

KAMIENSKI, Marian; PESZAT, Czeslaw; RUTKOWSKI, Jacek

Lithology of Grodischt sandstone in the Flysch Carpathians.  
Rocz geol Krakow 33 no.1/3:11-48 '63.

1. Department of Nonmetallic Mineral Deposits, School of Mining  
and Metallurgy, Krakow.

RUTKOWSKI, J.

Adaptation of the generator of protective atmosphere and remarks on its work.  
Biuletyn. p. 2. (Przegląd Odlewnictwa, Vol. 7, No. 1, Jan 1957, Krakow,  
Poland)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

RUTKOWSKI, J.; KARAMARA, A.

Apparatus for testing isothermal changes in austenite.  
Biuletyn. p.7. (Przegląd Odlewnictwa, Vol.7, No. 3, Mar 1957, Krakow,  
Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No., 8, Aug 1957. Uncl.

RUTKOWSKI, Jerzy

Denervation of the carotid sinus. Pol. przegl. chir. 36  
no.3:373-377 Mr '64.

RUTKOWSKI, Jerzy; CHWAT, Stefan; ADAMSKI, Stanislaw

A case of excision of pulmonary lobe due to a late single metastasis of renal cancer. Urol. polska 10:99-107 1956.

1. Z II Kliniki Chirurgicznej A. M. w Lodzi. Kierownik: prof. dr J. Rutkowski.

(LUNG NEOPLASMS, case reports  
metastatic from kidney, nephrectomy & lobectomy (Pol))  
(PNEUMONCTOMY, in var. dis.  
cancer, metastatic from kidney, lobectomy (Pol))  
(KIDNEYS, neoplasms  
metastasis to lung, nephrectomy & lobectomy (Pol))

RUTKOWSKI, Jerzy

Views on the nature, pathogenesis and therapy of traumatic  
shock. Pol. tyg. lek. 18 no.21:759-761 20 My '63.

(SHOCK, TRAUMATIC)

PTA

6

1189

663 1 : 623 34

Janicz J. Rutkowski A Salvage of Sewer Fats.  
Fluszcze kanałowe i sposób ich odbierania. Przemysł Rolny i Spożywczy No 7-8, 1931 pp. 326-329

The sewer waters from meat plants and feeding centers contain fat which can be salvaged by means of sediment traps. The dry substance obtained from the sewer waters of feeding centers contains 80% of fat, and 20% of fat is obtained from the sewer waters of meat plants. Since this fat is subject to fast hydrolytic and polymerization processes the sediment traps should be cleared every seven to ten days.



RUTKOWSKI, A.

TECHNOLOGY

Periodicals: PRZEMSL SPONZYWCZY Vol. 12, no. 9, Sept. 1958

RUTKOWSKI, A. The influence of cholesterol and different kinds of edible fats on the development of arteriosclerosis. p. 349.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

ECLIND/Chemical Technology. Chemical Products and Their  
Applications. Cellulose and Its Derivatives.  
Paper.

H

Abstr Jour: Ref Zhur-Khim., No 8, 1959, 29792.

Author : Rutkowski, J. and Maj, J.

Inst :

Title : Investigation of the So-Called 'Resin Difficulties'  
in the Cellulose and Paper Industry and in a Method  
for Their Elimination.

Orig Pub: Drzewlad Papiern, 14, No 8, 225-230 (1958) (in Polish  
with English and Russian summaries)

Abstract: The effect of a number of surface active agents (SMA)  
added during the bleaching of the cellulose (C)  
(alkali process) on the resin content in viscose C  
has been investigated. The addition of various SMA

Card : 1/3

POL.MD/Chemical Technology. Chemical Products and Their Applications. Cellulose and its Derivatives. Paper.

II

Abs Jour: Ref Zhur-Khin., No 3, 1959, 29792.

up to 0.5% of the C results in a reduction in resin content attaining 28-48% for the ether extract and 13-39% for the alcohol-benzene extract, compared to the C bleached under identical conditions but without the addition of Sii. Among the foreign products tested, Lubrol W was found to be most effective and among the domestic products, Tetelavon W achieved a similar distinction. Using the Gustavson apparatus, the effect of a number of factors and chemical compounds on the amount of harmful resins separating out from the pulp was determined. The authors were able to confirm the data published in the literature and indicating that the deposition

Card : 2/3

316

L 41071-65 EWT(d)/EEC(k)-2/EEC-4 Po-4/Pq-4/Pg-4/Pk-4/P1-4  
 ACCESSION NR: AT50X15432 P/2538/64/000/017/0073/0075

AUTHOR: Michalak, S. (Mikhalyak, S.); Rutkowski, J. (Rutkovskiy, Ye.);  
Stepinski, M. (Stempinskiy, M.)

46

45  
B+1

TITLE: Electrophotometer for measuring weak light currents 9M

SOURCE: <sup>10</sup>Lodz. Uniwersytet. Zeszyty naukowe. Seria II. Nauki matematyczno-  
 przyrodnicze, no. 17, 1964. Fizyka, 73-75

TOPIC TAGS: electrophotometer, photometer, multiplier, amplifier, full wave rec-  
 tifier, resistance, microammeter, bridge circuit, dark current

ABSTRACT: The photometer consists of a multiplier and a d-c linear amplifier. The multiplier, possessing a constant amplification factor for a wide range of photocurrents and a dark current of less than  $10^{-9}$  A, is powered by a high-voltage stabilized ZWN 2800-4 feeder. The connections of the amplifier in a bridge arrangement with nonsymmetric input are shown in Fig. 1 of the Enclosure. The working point of tube E88CC working in the amplification range is selected with the aid of potentiometers  $R_1$  and  $R_2$  which also zeroize galvanometer G. Resistances  $R_3 = 0.5 \text{ M}\Omega$ ,  $1 \text{ M}\Omega$ , and  $5 \text{ M}\Omega$  produce amplifications of  $950 \pm 5\%$ ,  $1760 \pm 7\%$ , and

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ACCESSION NR: AT5005432

9100 + 7%, respectively. The connection of 1540  $\Omega$  and 670  $\Omega$  resistances in parallel with the microammeter reduces the sensitivity of galvanometer G 3.10 and 5.24-fold, respectively. The amplifier possesses a constant amplification factor for currents from  $10^{-4}$  to  $10^{-10}$  A. The amplifier feeder, set in a full-wave rectifier, is stabilized electronically and maintains the power at 150 V with an accuracy of about 0.1%. The total amplification of the electrophotometer amounts to about 5000 A/lumen. The defect of this arrangement lies in an instability of the zero point, of the order of  $2 \cdot 10^{-10}$  A/hr. Orig. art. has: 2 figures.

ASSOCIATION: Katedra Fizyki Doświadczalnej Uniwersytetu Łódzkiego (Department of Experimental Physics, Lodz University)

SUBMITTED: 00

ENCL: 01

SUB CODE: EC

NO REF SOV: 003

OTHER: 001

Card 2/3

RUTKOWSKI, J.

POLAND/Chemical Technology. Chemical Products and Their Applications. Cellulose and Its Derivatives. Paper.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29792.

Author : Rutkowski, J. and Maj, J.

Inst :

Title : Investigation of the So-Called 'Resin Difficulties' in the Cellulose and Paper Industry and in a Method for Their Elimination.

Orig Pub: Brzeglad Papiern, 14, No 8, 225-230 (1953) (in Polish with English and Russian summaries)

Abstract: The effect of a number of surface active agents (S.A.) added during the bleaching of the cellulose (C) (alkali process) on the resin content in viscose C has been investigated. The addition of various S.A.

Card : 1/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Cellulose and Its Derivatives. Paper.

H

Obs Jour: Ref Zhur-Khin., No 8, 1959, 29792.

of resins on metal surfaces is decreased at low pH and by the addition of  $Al_2(SO_4)_3$ . Calcium ions and high pH values increase the formation of resin deposits on metal surfaces. The addition of  $Al_2(SO_4)_3$  is more effective in controlling resin difficulties than a lowering of the pH of the pulp by the addition of HCl. -- From a summary by the authors.

Card : 3/3

RUTKOWSKI, J.

"Notes on the melaphyres of Poreba and Mirow near Alwernia." p. 267

KWARTALNIK GEOLOGICZNY. (Instytut Geologiczny) Warszawa, Poland. Vol. 2, No. 2, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959  
Uncl.



KRAUSS, Ewa; RUTKOWSKI, Jacek

Senonian bentonites in the Miechow region. Roczn geol Krakow  
32 no.3:359-370 '62

1. Department of Nonmetallic Mineral Deposits, School of  
Mining and Metallurgy, Krakow.

KARAMARA, Antoni; RUTKOWSKI, Janusz

Instruments for studies on the isothermic changes of austenite.  
Prace inst odlew 12 no. 3: 219-244 '62. [publ. '64].

1. Laboratory of Material Strength and Laboratory of Physics of Metals, Institute of Casting, Katowice.

RUTKOWSKI, Jerzy, dr inz.

New evaluation criterium of the antiknock properties of  
fuels. Techn motor 12 no. 4/5: 139-142 Ap-May '62.

RUTKOWSKI, Jerzy; DZIEWIECKI, Adam; SZCZAWINSKI, Antoni

Effect of the excision of nerves of the carotid sinus on the activity of the respiratory and circulatory systems. Pol. tyg. lek. 18 no.35:1289-1293 1963.

(CAROTID SINUS) (PHYSIOLOGY) (RESPIRATION)  
(BLOOD CIRCULATION) (BLOOD CHEMICAL ANALYSIS)  
(ACID-BASE EQUILIBRIUM) (ELECTROCARDIOGRAPHY)  
(ELECTROENCEPHALOGRAPHY) (SPIROMETRY)  
(BLOOD PRESSURE) (NEUROSURGERY)

RUTKOWSKI, Jerzy

New surgical principles in abdominal hernia. Polski przegl. chir.  
33 no.10:1139-1143 '61.  
(HERNIA surg)

RUTKOWSKI, Jerzy

Crohn-lesniowski disease. Recent views on its management. Pol.  
tyg. lek. 19 no.6:230-231 3 F'64

\*

HUTKOWSKI, Jerzy

Surgery and surgeons. Pol. przegl. chir. 35 no.12:1321-1326  
D'63.

RUTKOWSKI, Jerzy

Transplantation of endocrine glands. Polski przegl. chir. 35 no.9:  
906-907 '63.

\*



RUTKOWSKI, Jerzy

Surgical progress in the field of gastroenterology. Pol. tyg.  
lek. 18 no.4:149-152 21 Ja '63.

(DIAPHRAGMATIC HERNIA) (GARDIA)  
(PEPTIC ULCER) (VAGOTOMY) (GASTRECTOMY)  
(DUMPING SYNDROME) (STOMACH NEOPLASMS)  
(PANCREATITIS) (RETROPERITONEAL NEOPLASMS)  
(SARCOMA) (SURGERY, OPERATIVE)

RUTKOWSKI, Jerzy, (Warszawa)

A new criterion for combustion classification. Archiw bud  
masz 8 no.3:243-262 '61.

1. Katedra Silnikow Pojazdow Mechanicznych, Politechnika, Warszawa.

RUTKOWSKI, Jan, mgr inz.

Research on the buffering of cooking liquor in the process of semi-chemical pulping of hardwood by the neutral sodium sulfite method. Przegł papier 18 no.11:337-342 N '62.

1. Katedra Technologii Celulozy i Papieru, Politechnika, Lodz.

RUTKOWSKI, Janusz, mgr inż.

Experiments in determining quantitatively austenite in bainite conversion. Przegł odlew 13 no.1:Suppl. ~~1~~ inf Inst odlew 13 no.1/2:1 '63.

KARAMARA, Antoni, dr inż.; RUTKOWSKI, Janusz, mgr inż.

Problem of nondestructive methods of testing iron castings.  
Przeł odlew 13 no.1:Suppl.: Biul inf Inst odlew 13 no.1/2:4 '63.

RUTKOWSKI, Jerzy

On purity of the Polish language. Pol. tyg. lek. 17 no.29:1162-1163  
16 J1 '62.

1. Artykul dyskusyjny.  
(LANGUAGE) (NOMENCLATURE)

POLAND

RUTKOWSKI, Jerzy [Affiliation not given]

"Surgical Progress in Gastro-Enterology."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 4, 21 Jan 63,  
pp 149-152.

Abstract: The article reviews recent developments and progress in surgical procedures and treatment of the gastro-intestinal tract, divided into eight (8) varying groupings. There are 15 references, of which one is German, ten are English, and four are in the Polish language (the latter are mostly translations or reports on surgical symposia).

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L 36100-65 ENP(k)/T/ENP(t)/EFT IJP(c) JD/HW

ACC NR: AP6018647 SOURCE CODE: PO/0045/66/029/001/0065/0070

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E

AUTHOR: Michalak, S.; Rutkowski, J.

ORG: Department of Experimental Physics, University of Lodz, Lodz

TITLE: Experimental investigations of the transition radiation from 6--23-keV electrons entering normal metal surfaces

SOURCE: Acta physica polonica, v. 29, no. 1, 1966, 65-70

TOPIC TAGS: metal surface, transition radiation, electron bombardment

ABSTRACT: The results of experimental investigation have been presented for transition radiation originating on surfaces of metal targets (Ag, Al, Au, Cd, Cr, Cu, Ni, Pt, Sn) bombarded with 6--23-keV electrons. The characteristics of the transition radiation have been measured and the results compared with the Frank-Ginsburg theory, and good agreement has been found. The characteristics of the transition radiation in the visible part of the spectrum have been measured with a new specially designed apparatus. The results of investigations also

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ACC NR: AP6018647

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confirmed the conclusions of S. Michalak regarding the influence of secondary effects (Dissertation, Moscow State University, 1961).  
Orig. art. has: 8 figures and 2 formulas. [Based on authors' abstract] [NT]

SUB CODE: 20/      SUBM DATE: 23Jul65/      ORIG REF: 005/      SOV REF: 005,  
OTH REF: 006

LS  
Card 2/2

MICHALAK, Stanislaw; RUTKOWSKI, Jerzy

Apparatus for studies of transition radiation. Nauki matematycznej przyrod Lodz no.17:59-67 '64.

Possibility of using the sound-tube of an ionizing manometer to measure the initial vacuum (of the range  $10^{-1}$  -  $10^{-3}$  Tr).  
Ibid.:77-78

1. Department of Experimental Physics, University, Lodz.

MICHALAK, Stanislaw; RUTKOWSKI, Jerzy; STEPINSKI, Marian

Electrophotometer for the measurement of a beam of light of  
very small intensity. Nauki matem przyrod Lodz no.17:73-75 '64.

1. Department of Experimental Physics, University, Lodz.

KARAMARA, Antoni, dr.inz.; RUTKOWSKI, Janusz, mgr.inz.

Conversions of austenite under isothermal conditions in the  
varying magnetic field. Przegl odlew 12 no.7:13-14 JI '62.

COUNTRY : POLAND  
CATEGORIES : Chemical Technology. Chemical Products and  
Their Applications. Cellulose and Its Deriva-  
ABS. JOUR. : REXhim., No. 19, 1959, No. 69956  
AUTHOR : Rutkowski, J.; Ciszewski, J.; Maj, J.  
INSTR. :  
TITLE : Study on the Yield Increase of Wood Sulfate  
Cellulose for the Manufacture of Paper  
ORIG. PUB. : Przegl. mapiern., 1959, 15, No 2, 33-44  
ABSTRACT : Investigated were the effects of maximum  
temperature (of 140, 145 and 180°) and of time  
at a maximum temperature on the overall yield  
of cellulose (C) and on the yield of sorted  
C. A C with B'yrkman's number in the limits  
of 80, 70, 50, digested at 140 and 185°, was  
bleached followed by the determination of its  
yield, color and strength. It was found that  
the bleached strong C had considerably better  
millability and better static properties, but  
atives. Paper.  
CARD: 1/2

H - 159

PIASKOWSKI, J.; RUTKOWSKI, J.

Answer to P. Murza-Mucha's letter on Przegląd Odlewnictwa. Przegl  
odlew 13 no.3:99 Mr '63.

RUTKOWSKI, Janusz, mgr inz.

Thermal processing of castings. Przegl odlew 14 no.7:Supplement:  
Biul inf inst odlew 14 no.7/8:14-15 '64.

RUTKOWSKI, J.

Activities of the Programming Council of Przegląd Odlewnictwa.  
Przegl odlew 13 no.3:100-101 Mr '63.



RUTKOWSKI, Jerzy

Stress in medicine (according to Selye) and a new concept of medicine.  
Pol. tyg. lek. 17 no.34:1357-1360 20 Ag '62.  
(STRESS)

POLAND

RUTKOWSKI, Jerzy [Affiliation not given]

"Views on the Nature, Pathogenesis, and Treatment of Traumatic Shock."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 21, 20 May 63, pp 759-761

Abstract: Author reviews the complex and poorly defined subject of traumatic shock, citing first views expressed at the International Symposium on "Shock: Pathogenesis and Therapy," held in Stockholm in June 1961, and then discussing his own views and work, citing examples, and differentiating between shock and collapse, and the etiology, manifestations, and treatment of each. There are 15 references, all, with the exception of one, to the works of the author, and all except one publication of the author in a Swiss publication, to Polish sources.

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26  
4  
Sulfidization as a modern surface treatment for improv-  
ing of wear resistance (Stanislav Korevi and Janusz  
Rutkowski, Przeglad Odlewnictwa 8, 194-200 (1958)).  
// review with 13 references. W. Tomaszczyk

Adg

RUTKOWSKI, Jerzy

General observations on the problem of chronic constipation with  
a surgical point of view. Polski tygod. lek. 14 no.38:1723-1724  
21 Sept 59.

(CONSTIPATION, surg.)

RUTKOWSKI, Jerzy

16th Plenary Session of the Technical Commission of the International  
Radio and Television Organization (OIRT), Budapest July 1961. Biul  
techn Polskie Radio i Telew 6 no.4:28-31 O-D '61.

RUTKOWSKI, Jerzy

Appearance, manifestations and diagnosis of breast cancer. Polski  
przevl. chir. 30 no.5:524-532 May 58.

(BREAST CANCER,

appearance, diag. & manifest (Pol))

RUTKOWSKI, Jerzy; ALICHNIEWICZ, Andrzej; KOSZANSKI, Eugeniusz; HYBINSKI, Kazimierz

Cancer of the breast according to observations at the Second Surgical  
Clinic of the Academy of Medicine in Lodz. Polski przegl. chir. 30  
no.5:552-554 May 58.

(BREAST CANCER: surgery,  
hosp. statist. (Pol))

Rutkowski, Jerzy

POLAND/General Problems of Pathology - Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32751

Author : ~~Rutkowski Jerzy~~

Inst : Not Given

Title : Precancerous Condition of the Large Intestine.

Orig Pub : Wiodom. lekar., 1956, 9, No 17, 781-784

Abstract : No abstract

Cord : 1/1



RUTKOWSKI, Jerzy; ALICHNIEWICZ, Andrzej; KOSZANSKI, Eugeniusz; SZENIC, Julian

Cancer and benign tumors of the breast. Polski przezgl. chir. 30 no.5:  
543-545 May 58.

(BREAST NEOPLASMS,  
benign & malignant tumors (Pol))

RUTKOWSKI, Jerzy;RYKOWSKI, Henryk

Premedication in general anesthesia with the aid of hibernation-inducing agents. Polski tygod. lek. 12 no.23:871-872 3 June 57.

1. (Z II Zakl. Chir. I. D. i S. K. L. w Warszawie; kierownik: prof. dr. J. Rutkowski) Adres: Warszawa, ul. Glogera 3.

(ANESTHESIA,

premedication with chlorpromazine-dolantin-phenergan mixture (Pol))

RUTKOWSKI, Jerzy

New surgical possibilities in the treatment of bronchial asthma.  
Polski przegl. chir. 33 no.5:451-454 '61.  
(ASTHMA surg)

POLAND

RUTKOWSKI, Jerzy, DZIEWIECKI, Adam, and SZCZAWINSKI, Antoni  
Municipal Hospital (Szpital Miejski) No 6, in Warsaw

"Effect of Denervation of Sinus Caroticus on the Function  
of the Respiratory and Circulatory Systems."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 35, 26 Aug 63,  
pp 1289-1293

Abstract: [Authors' English summary modified] Following a  
discussion of recent views of the physiology and physiopath-  
ology of respiration and bronchial asthma, the authors re-  
port a study on the effects of denervation of the carotid  
sinus performed by the senior author in 1942. Findings are  
given of spirometric, planimetric, bronchspirometric studies,  
and bronchography, before and after the operation, as well  
as of determinations of blood pH, O<sub>2</sub>, CO<sub>2</sub>, alkaline reserve,  
and circulation time, and also EKG, EEG, venous blood pres-  
sure, and heart catheterisation. There are 10 references:  
One Soviet, 3 Western, and 6 Polish.

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RUTKOWSKI, Jerzy

Development of Polish surgery from the origin of congresses of the  
Society of Polish Surgeons to the present time (1890-1960). Polski  
przegl. chir. 33 no.7/9:639-645 '61.  
(SURGERY hist)

RUTKOWSKI, Krzysztof (LNK)

Supervising the smelting of nonferrous metals for economic purposes. Koh lap 95 no.5:Suppl.: Ontode. 13 no.5:110-115  
My '62.

21 17  
Copper-poor manganese brasses. Kravets of Rutkowski  
and Zbigniew Lamy, Pruberger Fortschritte. HZ II.  
372-408 (1957).—Phase diagrams for the Cu-Zn-Mn system  
are reproduced and discussed, and plots show variations of  
tensile strength, hardness, and reduction of area with  
compn. Tensile strength varies from 9 to 85 kg. per sq.  
mm., reduction in area from 0 to 20%, and Brinell hardness  
from 128 to 325. Tabulations are given for corrosion res-  
istance to various reagents, including distd. H<sub>2</sub>O; the in-  
fluence of heat-treatment on the mech. properties, the in-  
fluence of 75% plastic deformation on the mech. properties,  
the effect of several additives on the mech. properties, effect  
of casting conditions on casting in sand molds, the influence  
of Al-Si addns., etc. 23 references. H. Stortz

for R8  
copy

RUTKOWSKI, K.

Heat treatment of brasses poor in copper. (To be cont'd). p. 264.

KOHASZATI LAPOK. Budapest, Hungary. Vol. 14, no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI ), LC, Vol. ~~1959~~ ~~1960~~  
Uncl. 9, no. 2, Feb. 1960



RUTKOWSKI, K.

Technology of melting and casting manganous brass. Biuletyn. p. 23.

PRZEGLAD ODLEWNICTWA. (Stowarzyszenie Techniczne Odlewnikow Polskich)  
Krakow, Poland, Vol. 5, no. 11, Nov. 1955.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

Distr: 4E2c

6831

609.35.74 : 021.745A

Rutkowski K., Kapera W. The Technology of Melting Manganese Brass  
Mn178.

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"Technologia przetapiania mosiądzu manganowego MM58". Przegląd Odlewnictwa. No. 3, 1954, pp. 61-66, 4 tabs.

Manganese brass containing approximately 58 per cent Cu, 2 per cent Mn and 2 per cent Pb has remarkably good properties and is relatively low in price. A hindrance to its extensive use is its tendency to form slagging inclusions with consequent limited stabilization of mechanical properties of the castings. The investigations enabled determination of the individual and total effect of refinement by means of different slag covers and compressed nitrogen on the pick up value, the fluidity, the tendency to form slag defects, the compactness of castings and on the mechanical properties. Similar investigations were carried out to determine the effect on the above mentioned properties of fluxing additions of aluminium and its siliceous alloys. As a result of the investigations, the analysis of the charge and the technology of melting was determined, showing an important increase in mechanical properties and in their stabilization, an increase in fluidity, and elimination of slagging defects.

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R. Li

Rutkowski, K.

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Rutkowski K., Sekowski K. The Relations Between Chemical Composition, Structure and Mechanical Properties of Low-Copper Manganese Brasses. *Mux*

„Zależność między składem chemicznym, strukturą i własnościami mechanicznymi niskomiedziowych mosiądzów manganowych” (Prace Inst. (dłewn. No 3). Warszawa, 1955, PWT, 12 pp., 21 figs., 9 tabs.

The possibility of limiting the use in copper alloys not only of deficit alloy components like Sn, Al, Be, Sb etc., but also of copper itself by the introduction of manganese brasses having very high properties and a wide range of uses even with copper content not exceeding 45%. By a systematic investigation of the relations between chemical composition, structure and properties of alloys in the range of 40 + 5% Cu, 40 + 6% Zn and 0 + 10% Mn contents, the most valuable chemical composition, structure and properties of a number of alloys were established as regards economy (minimum Cu) and range of uses (maximum properties). Lines for the development of further investigations are suggested.

01

DOWGIALLO, Kazimierz; KAMINSKI, Zbigniew; RUTKOWSKI, Lucjan

Speech defects in school children. Polski tygod. lek. 1653-1656  
7 Sept 59.

1. (Z Wojewodzkiej Przychodni Higieny Szkolnej w Gdansk; dyrektor:  
Witold Hieroslowski).

(SPEECH DISORDERS, in inf. & child)

S/081/62/000/023/013/120  
B149/B186

AUTHORS: Rutkowski, Marian, Tomasiak, Zdzisław

TITLE: Study of dehydrocyclization of synthol fraction C<sub>7</sub>.

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 88, abstract  
23B659 (Chem. stosow, v. 6, no. 2, 1962, 255 - 278 [Pol.;  
summaries in Russ. and Eng.] ).

TEXT: Active dehydrocyclization catalysts have been produced which show  
considerable ability to transform aliphatic hydrocarbons (saturated and  
unsaturated) into aromatic hydrocarbons. Optimum parameters for dehydro-  
cyclization of synthol C<sub>7</sub> fraction have been established. [Abstracter's  
note: Complete translation.]

Card 1/1

RABCZUK, Alfred; RUTKOWSKI, Marian

New elements in automatic control of laboratory fractional distillation.  
Przem chem 40 no.9:534-537 S '61.

1. Zakład Węglpochodnych, Instytut Ciężkiej Syntezy Organicznej,  
Błachownia Śląska i Katedra Technologii Nafty i Paliw Płynnych, Poli-  
technika, Wrocław.

RABCZUK, Alfred; RUTKOWSKI, Marian

New elements in automatic control of laboratory fractional distillation.  
Przem chem 40 no.9:534-537 S '61.

1. Zakład Węglpochodnych, Instytut Cieskiej Syntezy Organicznej,  
Blachownia Slaska i Katedra Technologii Nafty i Paliw Plynnych, Poli-  
technika, Wroclaw.

RUTKOWSKI, Marian; TOMASIK, Zdzislaw

Studies on the dehydrocyclization of the synthine fraction C7.  
Chemia stosow 6 no.2:255-278 '62.

1. Katedra Technologii Nafty i Paliw Plynnych, Politechnika, i  
Zaklad Syntezy Organicznej, Pracownia Nr 11, Polska Akademia  
Nauk, Wroclaw.



RUTKOWSKI, Mieczyslaw

Studies on the soil structure building capability of annual leguminous plants and cereals. Pt. 2. Rocznik nauki rolnicze 86 no.4:593-614 '62.

1. Wyższa Szkoła Rolnicza, Poznań.

RUTKOWSKI, Alojzy; RUTKOWSKI, Marian; TOMASIK, Zdzislaw

Characteristics of some Polish raw benzols. Chemia stosow A  
9 no.1:111-127 '65.

1. Institute of Technology of Petroleum and Liquid Fuels of  
Wroclaw Technical University. Submitted December 30, 1963.

RUTKOWSKI, Mieczyslaw

Studies on the soil structure building capability of annual leguminous plants and cereals. Pt. 3. Rocznik nauki rolnicze 87 no.1:27-40 '62.

1. Wyższa Szkoła Rolnicza, Poznań.

RUTKOWSKI, Mieczyslaw

Studies on the capability of annual papilionaceous and cereal plants to rebuild the soil structure. Pt. 1. Rocznik nauki rolniczej 86 no.3:413-434 '62.

1. Wyższa Szkoła Rolnicza, Poznań.

*REST NEWSH, SLAWOMIR*

Journal/Periodical: Human and Animal Physiology - The Sensory Organs.

V-9

Issue: September - Biol., No 4, 1958, 18646

Author: Slawomir Rutkowski

Title: Electroretinographic Examination of the Changes in Sensitivity of the Retina of the Frog's Eye During Light Adaptation.

Original: Acta Physiol. polon., 1956, 7, No 4, 371-376

Abstract: No abstract.

Card 1/1

RUTKOWSKI, S., podpułkownik, mgr.

Discipline and flight safety; on the essence of air force discipline.  
Wojsk przegl 15 no.11:25-31 N '61.

RUTKOWSKI, T.

The problem of rationalization and uniformity of office forms in relation to the independence of building-assembling enterprises. p.39.

(BUDOWNICTWO PRZEMYSLOWE. Vol. 6, No. 5, May 1957. Uncl. Warszawa, Poland)

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

①  
POLAND

HUTKOWSKI, Wladyslaw, mgr; WABOWICZ, Stanislaw, mgr

Dept. of Analytical Chemistry, Nuclear Research Institute (Zaklad Chemii  
Analizy i Instytutu Badań Jądrowych), Warsaw (for both)

Warsaw, Chemia analityczna, No 5, Sept/Oct 1966, pp 971-977

"Spectrophotometric determination of tantalum and extraction of  
tantalum with methyl violet."



RUTKOWSKI, Zygmunt

A new reduction product of croconic acid. Roczniki chemii 36  
no.1:169-170 '62.

1. Department of General Chemistry, Silesian School of Medicine,  
Zabrze-Rokitnica.

S/081/62/000/021/012/069  
B156/B101AUTHOR: Rutkowski, Zygmunt

TITLE: A new product from the reduction of crocic acid

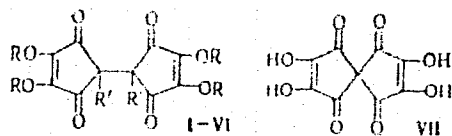
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 140, abstract  
21Zh91 (Roczn. chem., v. 36, no. 1, 1962, 169 - 170 [Pol.;  
summary in Eng.] )

TEXT: In addition to (I), the following intermediate derivative (II) has been produced by reducing crocic acid with dilute HI in the presence of red phosphorus for 2 hours: this substance II is  $C_{10}H_6O_{10}$ , yield 40%, melting point  $110^{\circ}C$ ; it forms a crystal hydrate with 4 molecules of water and a Ba.salt,  $C_{10}H_2O_{10}Ba_2 \cdot 5H_2O$ . The structure of II has been confirmed by determining the molecular weight of its tetramethyl ether (III), the melting point of which is  $150 - 151^{\circ}C$ , and by the formation of the derivatives (IV)-(VI). The substance to which the structure (VII) has been ascribed was produced by reactions between II, IV and V with  $SOCl_2$ , followed by hydrolysis.

Card 1/2

A new product from the reduction...

S/081/62/000/021/012/069  
B156/B101



I R = R' = H; II R = H, R' = OH; III R = CH<sub>3</sub>, R' = OH;  
IV R = COCH<sub>3</sub>, R' = OCOCH<sub>3</sub>; V R = H, R' = OCOCH<sub>3</sub>;  
VI R = CH<sub>3</sub>, R' = OCOCH<sub>3</sub>.

[Abstracter's note: Complete translation.]

Card 2/2

RUTKOVSKIY, A. K.

"Nocturnal Enuresis (Data Concerning the Formation of a Unified Theory of Enuresis)." Cand Med Sci, Voronezh State Medical Inst, Voronezh, 1955. (KL, No 13, March 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Deferred at USSR Higher Educational Institutions (15)

RUTKOV'S'KIY, B., kandidat tekhnichnikh nauk.

Construction of reservoirs to serve the needs of agriculture.  
Sill'.bud.no.6:14-17 S '55. (MLRA 9:7)  
(Hydraulic engineering) (Irrigation)

RUTKOVSKIY, B.I., kandidat tekhnicheskikh nauk.

Control of the moisture content of packed soils. Gidr.stroi. 22 no.10:15-17  
0 '53. (MIRA 6:10)  
(Soil moisture)

НУТКОВСКИЙ, П. П.

Hydraulic Engineering

Packing dirt in the construction of earthen canal dams and levees. Gidr. 1  
no. 4 No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952, UNCLASSIFIED

NUKOVSKIY, P. I.

"Tamping of Bound Soils With Sheepfoot-Type Rollers." Thesis for degree of Cand. Technical Sci. Su. 20 May 50, All-Union Sci Res Inst of Water Supply Sewerage, Hydroengineering Structures, and Engineering Hydrogeology

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.



PA 227T43

USSR/Geophysics - Earth Dams

Jun 52

"Packing of Grounds During Construction of Earthen Dams and Channel Dikes" B.I. Rutkovskiy, Cand. Tech Sci

"Gidrotekh i Melio" No 6, pp 46-58

Discusses the density of the ground as a factor governing the stability of earthen dams; scheme for planning the density of the dam body; investigations into the density of grounds; determination of the interrelation between the density of a ground, on the one hand, and the specific pressure of the roller, ground moisture, and thickness of

227T43

the compacted layer, on the other; the amt of sinking of the sheep's-foot roller in packing ground; and the amt of compacting of other rolling machines.

227T43

Dissertation: "Consolidation of Bound Grounds with Pegged Rollers."

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001446210007-6"

20/5/50

All-Union Sci Res Inst of Water Supply, Sewage

Hydraulic Structures and Engineering Hydrogeology "VODGEC"

SO Vecheryaya Moskva  
Sum 71

RUTLOVSEIY, B. I.

Cand Tech Sci

Dissertation: "Consolidation of Bound Grounds with Pegged Rollers."

20/5/50

All-Union Sci Res Inst of Water Supply, Sewage, Hydraulic Structures and Engineering  
Hydrogeology "VODGEO."

30 Vecheryaya Moskva  
Sum 71

RUTKOVSKIY, B.N., professor

"General chemical technology." Vol.2. S.I.Vol'kovich and others.  
Reviewed by B.N.Rutkovskii. Khim.prom.no.9:283-284 S'47.

(MIRA 8:12)

(Chemistry, Technical) (Vol'fkovich, S.I.) (Egorov, A.P.)

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

CONCENTRATION OF ACETIC ACID BY AZEOTROPIC DISTILLATION WITH DICHLOROETHANE. B. N. RUTKOVIKH AND A. GORLUNOVA. *Org. Chem. Ind. (U. S. S. R.)* 3, 686-03(1977).

7 - In the concn. of waste AcOH of the cellulose acetate production by the continuous azeotropic distn. with dichloroethane (I) (cf. Othmer, *C. A.* 29, 2727'), the acidity of the aq. distillate rises rapidly beginning with 90% AcOH concn. of the distn. residue. A 2-stage distn. is suggested with 90% AcOH concn. and max. 0.1-0.2% acidity of the aq. distillate, followed by concn. of the 90% acid to 90% AcOH in the 2d column. The aq. distillate contg. 25-30% AcOH is returned to the 1st column. The concn. in the 2 columns is effected by a continuous process. Tables and curves are shown for the equilibria of the systems I-AcOH, I-H<sub>2</sub>O and I-H<sub>2</sub>O-AcOH, coeff. of distribution of AcOH in H<sub>2</sub>O and I in relation to the concn., mutual solubilities in the system I-H<sub>2</sub>O-AcOH. Twelve references.

Chas. Blanc

A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

COMMON VARIANTS INDEX

OPEN

MATERIALS INDEX

GROUP

SUBGROUP

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

COMMON ELEMENTS

COMMON VARIANTS INDEX

OPEN

MATERIALS INDEX

GROUP

SUBGROUP

RUTKOVSKIY, G.

SHATILIN, Aleksy Leontyevich, master domennogo tsekha Magnitogorskogo metallurgicheskogo kombinata imeni I.V.Stalina, laureat Stalinskoy premii; RUTKOVSKIY, G., konsul'tant, inzhener.

[The blast furnaces of Magnitogorsk] Na donakh Magnitki. Moskva, Profizdat, 1953. 45 p. (MLRA 7:7)  
(Magnitogorsk--Blast furnaces)

CA

PROCESSES AND PROPERTIES INDEX

18

Apparatus for concentration of sulfuric acid. S. F. Varvarichev and G. O. Rutkovskii. Russ. 53,165, May 31, 1938. The evaporating chambers in a drum-shaped concentrator are equipped with partitions that do not extend to the bottom, so as to permit the bubbling of flue gases through the layer of concd. acid; the overflow tubes for the acid are placed inside of the evaporating chambers.

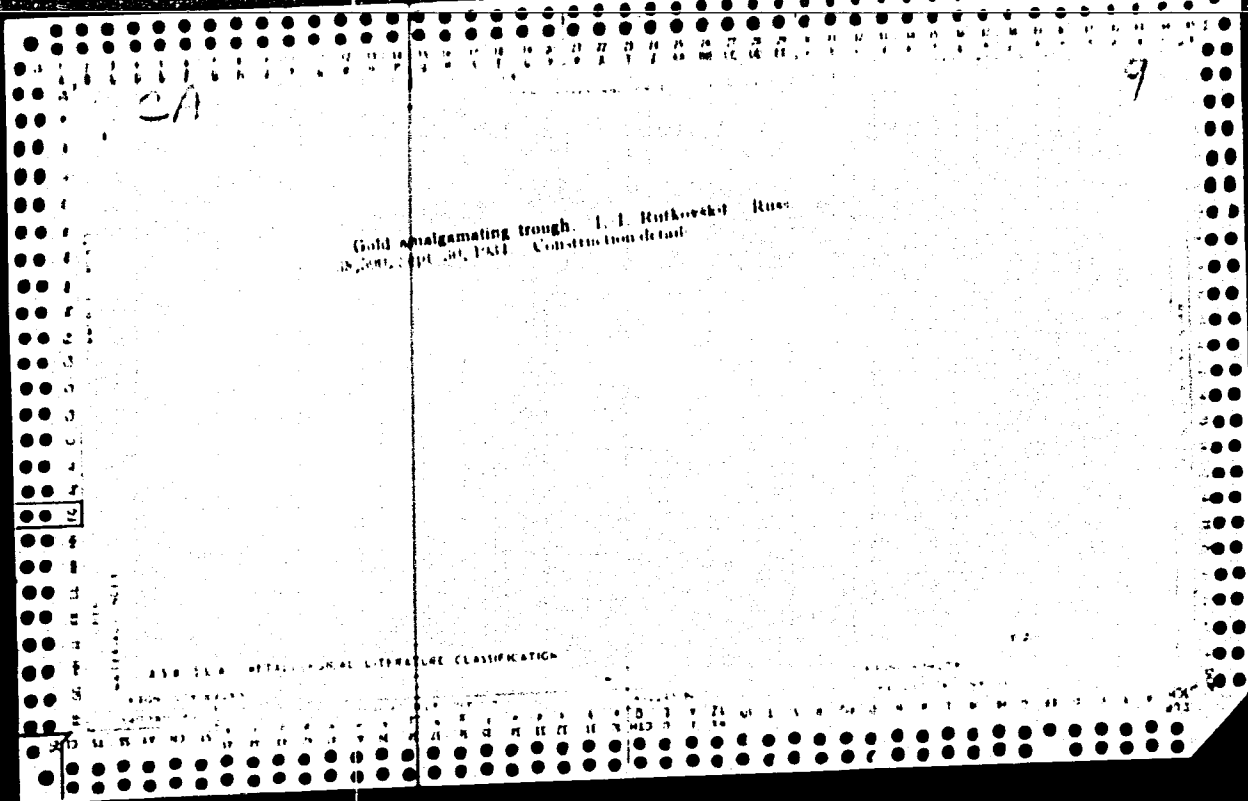
ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS



Rutkovskiy, M. L.

USSR/Corrosion. Protection from Corrosion.

J

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10546

Author : Rutkovskiy, M. L.

Inst : Not given

Title : The Corrosion of Chemical Equipment by Aqueous Solutions of Monoethanolamine

Orig Pub: Khim. prom-st, 1956, No 3, 153-156

Abstract: The study of equipment used in the purification of gases from  $H_2S$  and  $CO_2$  by absorption in aqueous solutions of monoethanolamine (I) has shown that corrosion sets in on the tubes of the first-stage boiler, on the surface of the distillation column, on the thermocouple wells, and on the tubes of the heat-exchanger. Laboratory tests on carbon steels containing 0.21% C and type IKh18N9T stainless steel in 15 and 30% aqueous solutions of I, prepared from a 15% solution of I and containing 1.25 gms/liter of  $H_2S$ ; in a commercial 15% solution of I; as well as tests on specimens under boiler service conditions have shown

Card 1/2



USSR/Corrosion. Protection from Corrosion.

J

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10546

Abstract: that whereas carbon steels are completely stable in pure solutions of I prepared in the laboratory and in vacuum distilled solutions of I, such steels are attacked by commercial solutions of I. Type IKh18N9T steels are also attacked under production conditions. The investigations have shown that the corrosion of carbon steels and of IKh18N9T steels in aqueous solutions of I is caused by the accumulation of corrosively active components. It has been established also that the corrosion of the tested steels in solutions of I is accelerated at higher gas velocities and at higher temperatures. The investigation has shown that the addition of  $K_2Cr_2O_7$  and of doubly substituted sodium phosphate as inhibitors to a solution of I has no effect on the corrosion rate.

Card 2/2

RUTKOVSKIY, M.L.

RUTKOVSKIY, M.L.: "A study of the kinetics of the process of ionizing hydrogen under pressure": Moscow, 1955. Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni B.I. Mendeleev. (Dissertations for the Degree of Candidate of Chemical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

GARTSMAN, B.M.; RUTKOVSKIY, N.A.

Ceramic building materials industry during the sixth five-year plan.  
Stek. i ker. 13 no.8:23-27 Ag '56. (MLRA 9:10)  
(Ceramic industries)

GARTSMAN, B.M.; RUTKOVSKIY, N.A.

Lowering costs is the most important task in ceramic  
industries. Stek. 1 ker. 12 no.5:24-28 My '55.  
(Ceramic industries--Cost) (MLRA 8:8)