

KOWALSKI, Wieslaw

Effect of heat treatment on the hardness and impact strength of
40HMA and 18H2N4WA steels. Inst mech precyz 12 no.2:33-39 '64.

WIRBILIS, Stanislaw, mgr inz.; KOWALSKI, W., mgr inz.

Review of the technical press. Przegl mech 23 no. 19:573-
574 10 0 '64.

WIRBILIS, Stanislaw, mgr inz.; ROHATYNSKI, Ryszard, dr inz.; KOWALSKI, Wieslaw,
mgr inz.

Review of the technical press. Przegl mech 24 no.5:151-156
10 Mr '65.

DZIAMA, A., dr inż.; ROHATYNSKI, Ryszard, dr inż.; KOWALSKI, M., mgr inż.;
WIRBILIS, Stanisław, mgr inż.

Reviews of the technical press. Przegl mech 24 no.6:187-
190 25 Mr '65.

KOWALSKI, Witold

Magnesium sulfate as a stabilizer in the process of ammoniating superphosphate. Przem chem 41 no.10:563-565 0 '62.

1. Politechnika Slaska, Gliwice.

KOWALSKI, Witold

Speedy neutralization of powdery superphosphate with friable substances. Przem chem 42 no.6:296-298 Je '63.

1. Politechnika, Gliwice.

KOWALSKI, W.; SIEROCINSKI, S.

Removal of sulfuric acid from flue gases in sulfuric acid plants. p. 491
(PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

KOWALSKI, W.

Miss

001.523 : 001.540.022

Kowalski, W. The Influence of the Content of Magnesium Carbonate in Limestones on the Decomposition of Ammonium Nitrate in Nitro-Chalk.

Wplyw zawartości $MgCO_3$ w kamieniu wapiennym na rozkład saletry amonowej w saletrzaku. Przemysł Chemiczny, No. 6, 1953, pp. 287-290, 3 figs. 4 tabs.

An investigation of the influence of temperature on the rate of thermal decomposition of magnesium carbonate. The constants of the rate of reaction in the range of temperature 145-420° are determined and the activation energy calculated. The thermal decomposition of various types of limestone and dolomite. On the basis of the results obtained the conclusion is reached that the content of magnesium in dolomite limestone does not augment the rate of decomposition of limestone during roasting and that the decomposition of ammonium nitrate in nitro-chalk is not caused by the presence of dolomite.

Chem 1

KAWALSKI W

CATEGORY : Chemical Technology, Chemical Products, and Applications. Fertilizers.

ABS. JOUR. : KZhKhim., No 19, 1959, No. 68459

AUTHOR : Kowalski, W.

TITLE : Trends in the Manufacture of the Phosphorus Type Fertilizers. A Discussion Article.

ORIG. PUB. : Przem. chem., 1958, 37, No 9, 567-559

ABSTRACT : Discussed are the results of the evaluations pertaining to the suitability of superphosphates, Thomas' flour, and thermo-phosphates for the fertilization of individual types of soil. Evaluated is the effectiveness of granulated phosphate fertilizers application and technological problems involved in their manufacture. Presented are modern methods of manufacture of concentrated phosphate fertilizers by the wet method and also of magnesium-thermo-phosphate fertilizer. A possibility of employing indigenous Polish phosphate

Cant: 1/2

COUNTRY :
CATEGORY :

ABST. JOUR. : RZhKhim., No 19, 1959, No. 68459

AUENOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : raw material is also evaluated. Discussions include problems of utilization HNO_3 and its mixtures in the manufacture of complex type fertilizers. A short description of the hydrothermal treating process' application to phosphate rock and use of trace elements are covered. The bibliography includes 14 titles. -- D. Yakesh.

Card: 2/2

F - 22

KOWALSKI, Witold

Absorption of fluor during the production of superphosphate. *Chemia
stosow* 3 no.2:247-255 '59.

1. Katedra Technologii Wielkiego Przemyslu Nieorganicznego, Politech-
nika Slaska, Gliwice.

KOWALSKI, Witold

Studies on the kinetics of the oxidation of fluid sulphur. I. The speed of vaporizing of sulphur in the stream of a neutral gas. *Chemia stosow* 3 no.4:517-529 '59.

1. Katedra Technologii Wielkiego Przemyslu Nieorganicznego, Politechnika Slaska, Gliwice.

KOWALSKI, W.

Limestone or native phosphorites. p. 102.

CHEMIK. (Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowe-Techniczne Inzynierow i Technikow Przemyslu Chemicznego) Warszawa, Poland Vol. 12, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

KOWALSKI, Witold

A study on kinetics of oxidation of liquid sulfur. II. Kinetics of
oxidation of liquid sulfur. Chemia stosow 4 no.3/4:407-428 '60.
(EEAI 10:9)

1. Katedra Technologii Wielkiego Przemyslu Nieorganicznego Politechniki
Slaskiej, Gliwice.

(Sulfur)

KOWALSKA, Eugenia; KOWALSKI, Witold

Influence of temperature upon the rate of formation of hydrogen sodium pyrophosphate from monosodium orthophosphate. Przem chem 41 no.2:73-74 F '62.

Instytut Chemii i Wodociągownictwa, Gliwice.

KOWALSKA, Eugenia; KOWALSKI, Witold; MAZANEK, Czeslaw

Propagation velocity of ultrasonic waves in aqueous solutions
of sulfuric acid. *Chemia stosow* 7 no.4:585-592 '63.

1. Katedra Chemii Ogolnej A, Politechnika Slaska, Gliwice.

KOWALSKI, W.; Wojciechowski, J.

Problems of exporting wooden fancy goods. p. 242.
(PRZEMYSŁ DRZEWNY. Vol. 7, No. 8, Aug. 1956, Warszawa, Poland)

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

KOWALSKI, W.

The export of bentwood furniture. p. 165.

PRZEMYSŁ DRZEWNY. Centralne Zarządy Przemysłów: Drzewnego, Meblarskiego, i
Lesnego i Stowarzyszenie Inżynierów i Techników Lesnictwa i Drzewnictwa.
Warszawa, Poland. Vol. 9, No. 6, June 1958.

Monthly List of East European Accession (EEAI), LC, Vol. 8, No. 9, Sept. 1959.

Uncl.

KOWALSKI, Witold

Problems connected with the export of furniture in Europe.
Przem drzewny 12 no.8:16-17 '61.

L 41770-66 EWT(1)/T/EMP(k)
ACC NR: AP6031700 (N) SOURCE CODE: PO/0099/66/040/003/0469/0473

AUTHOR: Kowalska, Eugenia; Kowalski, Witold; Bodzek, Michal; Mazanek, Czeslaw 55
B

ORG: Department of General Chemistry, Slask Polytechnic Institute, Gliwice (Katedra Chemii Ogolnej A Politechniki Slaskiej); Technical Institute for Sulfur and Phosphorus Compounds, Slask Polytechnic Institute, Gliwice (Zaklad Technologii Zwiazkow Siarki i Fosforu Politechniki Slaskiej)

TITLE: Velocity of ultrasonic waves in disperse systems

SOURCE: Roczniki chemii-annales societatis chimicae polonorum, v. 40, no. 3, 1966, 469-473

TOPIC TAGS: ultrasonic wave, interferometer, emulsion

ABSTRACT: Measurements of velocity of ultrasonic waves in naphtha-in-water-emulsion, oleic acid-in-water-emulsion were made. The velocity was measured by means of a resonance-phase interferometer at frequency 1 Mc. The possibility of ultrasonic speed calculation in emulsion from known velocity of ultrasonic waves in the components of emulsion has been analysed. Orig. art. has: 4 figures, 2 formulas and 5 tables. [Based on authors' Eng. abst.] [JPRS: 36,002]

SUB CODE: 20 / SUBM DATE: 10Jun65 / ORIG REF: 001 / SOV REF: 002
OTH REF: 002

Card 1/1

KOWALSKI, W.

"New Geologists' Cadres." p.11
(PRZEGLAD GEOLOGICZNY No. 1/2, Jan./Feb. 1954 Warszawa, Poland)

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

KOWALSKI, W.

Technical and geologic evaluation of researches using the method of electric resistance for the purpose of hydraulic engineering based on the example of researches in the Nida River Basin. p. 124.

PREZEBIAD 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.

KOWALSKI, Witold Cezariusz

Swelling of Sanonian rocks in the reach area of the Middle Vistula
and its engineering geological significance. Przegl geol 11 no.7:
375-379 J1 '61.

1. Katedra Geologii Inzynierskiej Uniwersytetu Warszawskiego.

KOWALSKI, W.C.; GRABOWSKA-OLSZEWSKA, B.

A conference of engineers and geologists on loess in Voronezh.
Przeł geolog 10 no.7:384 - 3 of cover J1 '62.

KOWALSKI, Witold Cezariusz

Position of engineering geology in the system of sciences. Przegl geol
11 no.3:133-137 Mr '63.

1. Katedra Geologii Inzynierskiej, Uniwersytet, Warszawa.

KOWALSKI, Witold Cezariusz

POLAND

KOWALSKI, Witold Cezariusz; LIPINSKA, Mina

Department of Engineering Geology of the University of
Warsaw (Katedra Geologii Inzynierskiej UW (for Kowalski?) ;
"Geoprojekt" (for Lipinska?)

Warsaw, Przegląd geologiczny, No 9, Sept 63, pp 426-29.

"Kinds of Grounds of Boulder Clay Series from Warsaw".

KOWALSKI, Witold Cezariusz; LEPIŃSKA, Hlona

Types of soils of the boulder-clay series of Warsaw. Inżynier geol
11 no.9:426-429 8'63

1. Department of Engineering Geology, University, Warsaw, and
Geoprojekt, Warsaw.

KOBIELSKI, W.G.

Oper scientific meetings of the Department of Engineering
Geology of the Warsaw University. Przegl geol 12 no.10:3 of
cover 0 '64.

KOWALSKI, W.M.; OSZACKA, B.

Tremolite from Zloty Stok, Lower Silesia. Bul geolog PAN
12 no.3:143-148 '64.

1. Department of Mineralogy and Petrography of the School of
Mining and Metallurgy, Krakow. Presented by A. Bolewski.

KOWALSKA, Eugenia, doc. mgr inż.; KOWALSKI, Witold, doc. dr inż. MAZANEK,
Czesław, mgr. st. asystent

Ultrasonic cavitation. Wiad chem 18 no.3:147-157 Mr'64

1. Kierownik Katedry Chemii Ogólnej A, Politechnika Śląska,
Gliwice (for Kowalska). 2. Kierownik Zakładu Technologii
Związków Siarki i Fosforu, Politechnika Śląska, Gliwice (for
Kowalski). 3. Katedra Chemii Ogólnej A, Politechnika Śląska,
Gliwice (for Mazanek).

KEPINSKI, Alfred; KOZIAJSKI, Wladyslaw

Microsieves. Gaz woda techn sanit 38 no.6:186-187 Ja '64

JASTRZEBSKI, Jan; KOWALSKI, Włodzimierz

Injuries in the area of the proximal epiphyses of the forearm bones. Chir. narząd. ruchu ortop. pol. 28 no.2:185-191 '63.

1. Z Kliniki Ortopedycznej AM i Oddziału Ortopedycznego Szpitala Wojewódzkiego we Wrocławiu Kierownik: doc. dr J. Kowalski.

(FOREARM INJURIES) (ELBOW) (EPIPHYSES)

LUCIAK, Mieczyslaw; KOWALSKI, Wlodzimierz

Cancer of the prostate in biopsy material of the Institute of
Pathological Anatomy in Zabrze. Pol. przegl. chir. 36 no.1:
61-64 Ja'64

1. Z Zakladu Anatomii Patologicznej Sl. AM w Zabrze; kierow-
nik: prof.dr. W.Niepolomski.

*

KOWALSKI, Wladyslaw (Krakow)

Amphibians and reptiles in Bulgaria. Wszechswiat no.4:96-100
Ap '63.

GERLIKH, Ye. [Gorlich, E.]; SZHEDNITSKIY, Zh. [Szrednicki, J.];
KOVAL'SKIY, V. [Kowalski, Z.]

Multicycle oscillographic polarography with two streaming
mercury electrodes in differential circuit. Zhur. fiz. khim. 36
no.3:449-454 Mr '62. (MIRA 17:8)

1. Gornaya Akademiya, Krakov.

KOWALSKI, Z.

Measurability conditions for set-valued functions. Bul
Ac Pol math 12 no.8:449-453 '64.

Measurability conditions and scalar coordinates for orientor
fields. Ibid.:455-459

1. Department of Mathematics of the Jagiellonian University,
Krakow. Presented by T. Wazewski.

KOWALSKI, Zbigniew

A conception of a new type of five-wire power transmission line.
Przegl elektrotechn 38 no.3:116-117 Mr '62. Mr '62

1. Zaklad Elektroenergetyki, Politechnika, Ldz.

GCERLICH, Edward; KOWALSKI, Zygmunt

Determination of lead, cadmium, and zinc in dolomitic limestone with oscylopolarographic methods. Chem'anal 6 no.6:937-942 '61.

1. Department of Chemistry of Silicates, Academy of Mining and Metallurgy, Cracow.

KOWALSKI, Zygmunt; SRZEDNICKI, Jan

A new method for speedy measurement and recording of the double layer capacity as function of the mercury electrode potential. Roczniki chemii 36 no.3:564-568 '62.

1. Department of Chemistry of Silicates, Institute of Mining and Metallurgy, Krakow.

KOWALSKI Z.
EXCERPTA MEDICA Sec 5 Vol 12/3 Gen. Path. Mar 59

782. SILICOSIS IN ALBINO RATS FOLLOWING SINGLE AND REPEATED INTRA-TRACHEAL DOSES OF QUARTZ DUST - Rozwój krzemicy płuc u białych szczurów pod wpływem jednorazowego i wielokrotnego dotchawiczego podawania zawiesiny pyłu kwarcowego - Kowalski Z. Inst. Med. Pracy; Przemysle Włókien. i Chem., Łódź - MED. PRACY 1958, 9/4 (265-278) Illus. 12

To 3 groups of 45 albino rats quartz dust emulsion was given intratracheally. The animals were killed 3, 6 and 9 months after the last administration.

Results: (1) Repeated doses of quartz dust have a marked influence on the course of silicosis which developed after the first dose. (2) Small blood vessels are often at the origin of typical quartz nodules.

Horst - Poznań (V, 15*)

KOWALSKI, Z.

Coleoptera-like plane, the aviation of tomorrow? p. 8, Vol. 11, no. 21, May 1955
SKRZYDLATA POLSKA

SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

KOWALSKI, Z

15(8) . PHASE I BOOK EXPLORATION POL/1368

Bojarak, J., Master of Engineering; J. Brzezinski, Master of Engineering; I. Dobosz, Master of Engineering; A. Dobraczynski, Master of Engineering; Z. Egzys, Master of Engineering; J. Jakra, Master of Engineering; Y. Kacprzak, Master of Engineering; Z. Kowalski, Master of Engineering; W. Laskowski, Master of Engineering; J. Kosinski, Master of Engineering; J. Poczalski, Deputy, Doc Copy; W. Ples, Master of Engineering; M. Ples, Master of Engineering; J. Zakrzewski, Master of Engineering; W. Zieliński, Master of Engineering; and N. Zowall, Scientific Coordinator, Master in Science

Co i jak produkować s tworzyw sztucznych (What Can Be Produced From Plastics and How) Warsaw, Państwowe Wyd-wo Techniczne, 1959. 413 p. (Series: Teorzywa i techniczne prace wybitnych i zastosowanymi) Errata slip inserted. 5,253 copies printed.

Coordinator of the Work: J. Brzezinski, Master of Engineering; Reviewer: St. Chudzyński, Master of Engineering; Scientific Ed. of Publishing House: St. Pietras, Master of Engineering; and K. Radziwiłł, Master in Science, Tech. Ed.: A. Urbanicki.

PURPOSE: This book is intended for chemists and equipment designers in the plastics industry. It will be of interest to students of the plastics industry.

COVERAGE: This book, one of a series on the plastics industry, is divided into two parts. The first part discusses the classification of plastics, methods of production, and the modification of the end-products. The basic properties of various plastics are given in tabular form along with such methods. The second part contains a general description of all known methods of processing plastics, their design, construction, and setting plastics. The design, construction, and parts of processing machines are described. The techniques of dyeing, painting, and welding of plastics are also described. A listing of terminology used in the plastics industry is included. A table includes the trade names and producers of major plastics. No references are given.

Card 2/8

KOWALSKI, Z.; KANIESKI, J.

The fluidization method of coaring with the rroplastic materials.
Biuletyn. p. 1.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich) Warszawa, Poland. Vol. 18, no. 23, Dec. 1959.

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

KOWALSKI, Z.

Hans Reininger's Sprayed Metal Coatings; a book review.

p. 205 (Przegląd Spawalnictwa. Vol. 8, no. 8, Aug. 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

KOWALSKI, Zbigniew (Habdank)

Central battery desk telephone with microphone amplifier. Przegl
telekom 35 (i.e. 36] no.1:16-21 Ja '63.

1. Instytut Łączności, Warszawa.

KOWALSKI, Z. (Krakow)

The polygonal method of solving the differential equation
 $y' = h(t, y, y')$. Annales Pol math 13 no.2:173-204 '63.

ACCESSION NR: AT4016834

P/2508/63/013/002/0173/0204

AUTHOR: Kowalski, Z. (Krakow)

TITLE: The polygonal method of solving the differential equation
 $y' = h(t, y, y, y')$

SOURCE: Polska Akademia Nauk. Instytut matematyczny. Annales polonici mathematici, v. 13, no. 2, 1963, 173-204

TOPIC TAGS: polygonal method, differential equation, Eulerian approach, Banach space, homogeneous norm, location of function $y_n(t)$

ABSTRACT: The equation $y' = h(t, y, y, y')$ is solved by a strictly Eulerian approach in a complete Banach space with a homogeneous norm, since the case of n differential equations for n real functions can then be treated without complicated calculations. The polygonal method presented does not involve the solving of this equation with respect to the derivative y' and can be described thus; Let $t_j = j \cdot \underline{\text{delta}}$ ($j = 0, 1, 2, \dots$)

Card 1/2

ACCESSION NR: AT4016834

be a sequence of equally spaced points t_j in the interval $I' : 0 \leq t < a$, n being a positive integer and $0 < \delta = \text{const}$. The paper solves the problem of location of the almost uniform convergence to the unique solution of the initial differential equation. It further derives two error estimates for $y_n(t)$. Proof of the uniform convergence of the right derivatives of $y_n(t)$ is the most difficult, but is possible through precise computations by theorems on differential inequalities, and the differential-inequality method leads to non-local theorems. Orig. art. has: 173 equations, 5 theorems and 7 lemmas.

ASSOCIATION: none

SUBMITTED: 11Oct61

DATE ACQ: 28Feb64

ENCL: 00

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NO REF SOV: 000

OTHER: 006

Card 2/2

KOWALSKI, Zbigniew

Studies on the influence of thermal treatment on the properties
of polyamide coatings. Inst mech precyz 12 no.3:25-34 '64.

KOWALSKI, Zbigniew; BASSENDOWSKA, Ewa

Preliminary studies on toxic effects of some vulcanizing accelerators ("D", "M", "DM", "DFT" and "P-extra-N". Med. pracy 16 no.1:35-43 '65

1. Z Instytutu Medycyny Pracy w Lodzi. (Dyrektor: doc. dr. med. J. Nofer).

621.315.17 : 621.314.2
6116. EQUIVALENT CIRCUITS AND IMPEDANCES FOR SYMMETRICAL COMPONENTS OF TRANSFORMERS WORKING IN OVERHEAD TRANSMISSION LINES OF THE "FOUR WIRES-EARTH" TYPE. Z. Kowalek.
Rozprawy Elektrotech., Vol. 4, No. 1, 89-101 (1958). In Polish, with summaries (3 1/2 pp. each) in English and Russian.

The line consists of two three-phase overhead systems having one of their phases as a common earth. Each system has two transformers at both ends of the line. The calculation of such a line is carried out for fault conditions. The equivalent impedances for transformers and their symmetrical components are calculated. The method developed for two- and three-winding transformers is also suitable for autotransformers and four- and five-winding transformers.
M. W. Makowski

2

KOWALSKI, Z.

Representation of synchronous motors and elements of three-phase three-wire lines in a system of group symmetrical components. p. 561.

ARCHIWUM ELEKTROTECHNIKI. (Polska Akademia Nauk. Instytut Podstawowych Problemow Techniki) Warszawa, Poland. Vol. 7, no. 4, 1958.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
uncla.

KOWALSKI, Z.

Impedances of electric-power lines of the four-wire-ground type in the system of group symmetrical components. p. 599.

ARCHIWUM ELEKTROTECHNIKI. (Polska Akademia Nauk. Instytut Podstawowych Problemow Techniki) Warszawa, Poland. Vol. 7, no. 4, 1958.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
uncla.

KOWALSKI, Zbigniew, mgr inż.

Electric properties of two-wire-ground lines from the point of view
of Polish medium-voltage networks. Pt.2. Energetyka Pol 13 no.11/12:
309-312 N-D '59. (EEAI 9:7)

1. Katedra Elektroenergetyki Politechniki Lodzkiej
(Poland--Electric networks)

KOWALSKI, Z.

Voltage drop, voltage asymmetry, power and energy losses, and short-circuit currents in a medium-voltage power system of the two-wire-ground type. p. 103.

PRZEGLAD ELEKTROTECHNICZNY. (Stowarzyszenie Elektrykow Polskich)
Warszawa, Poland. Vol. 35, no. 3, Mar. 1959

Monthly list of East European Accession (EMAL) LC, Vol. 8, No. 7, July 1959

Uncl.

KOWALSKI, Zbigniew, inz.

Instead of five just one telephone apparatus. Przegl techn no.31:
5 3 Ag '60.

KOWALSKI, Zbigniew, inż.

Subscriber loudspeaking telephones; their requirements and possibilities. (To be contd.) Przegl telekom 34 no.11:343-348 N '61.

1. Instytut Łączności, Warszawa.

KOWALSKI, Zbigniew, inż.

"Ericovox" a new telephone with loudspeaker. Przegl techn 81
no.20:19 '60.

KOWALSKI, Zbigniew

The surface load density of rural consumers at the present time and in the future. Pt. 1. (To be cont'd.) Energetyka Pol 15 no.7:214-217 J1 '61. (EEAI 10:9/10)

1. Politechnika Lodzka, Katedra Elektroenergetyki.

(Electric power distribution)

KOWALSKI, Zbigniew

The surface load density of rural consumers at the present time and
in the future. Pt. 2. Energetyka Pol 15 no.8:245-249 Ag '61.

(Electric power distribution)

KOWALSKI, Zbigniew, inż.

Subscriber loudspeaking telephones; their requirements and possibilities. Pt. 2. Przegl telekom 34 no. 12: 371-375 D '61.

1. Instytut Łączności, Warszawa.

KOWALSKI, Zbigniew

Annual peak-load utilization time for rural transformer stations.
Energetyka Pol 16 no.1:13-19 '62.

1. Politechnika Lodzka, Katedra Elektroenergetyki.

KOWALSKI, Zbigniew

Calculation of the short circuit alternating current component networks in short circuits of the two wires-ground (DPZ) type. Elektryka Lodz no.4:35-45 '58.

1. Institute of Technology, Department of Electric Energetics, Lodz.

KOWALSKI, Zbigniew

Fundamentals of the theory of symmetrical group components.
Elektryka Lodz no.12:5-56 '63.

1. Technical University, Department of Electric Networks, Lodz.

KOWALSKI, Zbigniew

Mutual relations among symmetrical normal and group, components
of even-phase number sustems. Elektryka Lodz no.12:57-74 '63.

1. Technical University, Department of Electric Networks, Lodz.

KOMALSKI, Zbigniew

Impedances of static polyphase elements in systems of symmetrical components. Elektryka Lodz no.12:75-94 '63.

1. Technical University, Department of Electric Networks, Lodz.

KOWALSKI, Zbigniew

Power losses in multiphase electric power lines in the phase system
and in the symmetrical component system. Elektryka Lodz 14:83-98 '64.

1. Department of Electric Power Engineering, Technical University,
Lodz.

L 30098-66 T IJP(c) RM

ACC NR: AP6020621

SOURCE CODE: PO/0046/65/010/011/0733/0734

AUTHOR: Lis, Stanislaw; Kowalski, Zdzislaw

ORG: Department of Radiochemistry, Institute of Nuclear Research, Warsaw (Zaklad radiochemii, Instytut Badan Jadrowych)

TITLE: Device for continuous measurement of the effluent activity from chromatographic columns

SOURCE: Nukleonika, v. 10, no. 11, 1965, 733-734

TOPIC TAGS: chromatography, radiation measurement, radiation counter

ABSTRACT: In order to determine continuously the activity of ^{1m}effluents from chromatographic columns, the liquid flow is directed through a 1-mm dia polyethylene tube, which passes through a lead shield to a G-M counter, and then to a volume-measuring device consisting of a drop counter. A chromatogram is obtained by plotting the count rate from the activity measurements against the total number of drops. A sample chromatogram, representing theseparation of Tb, Gd, Eu, and Cs, is shown. Orig. art. has: 2 figures. [NA]

SUB CODE: 18, 07 / SUBM DATE: 01Sep65 / OTH REF: 002 / SOV REF: 001

Card 1/1 CC

KOWALSKI, Zygmunt

Outline of the history of the Lipa petroleum shaft in Lipinki. Wlad
naft 7 no.4:95-96 Ap '61, (EEAT 10:9)

Petroleum)

KOWALSKI, Z. (Krakow)

An iterative method of solving differential equations. Annales Pol
math 12 no.3:213-230 '63.

KOWALSKI, Z. (Prakow)

A difference method of solving the differential equation $y' = h(t, y, y')$. Annales Pol math 16 no.2:121-148 '65.

1. Submitted September 23, 1961.

KANIESKI, Janusz, mgr inż.; KOWALSKI, Zbigniew, mgr inż.

Containers and chemical apparatus made of polyethylene. Przegł.
mech 23 no.6:176-177 25 Mr'64

1. Pracownik naukowy Zakładu Metalizacji Natryskowej, Instytut
Mechaniki Precyzyjnej, Warszawa (for Kanieski). 2. Kierownik
Zakładu Metalizacji Natryskowej, Instytut Mechaniki Precyzyj-
nej, Warszawa (for Kowalski).

BASSENDOWSKA, Ewa; ~~KOWALSKI, Zbigniew~~; KNOBLOCH, Krystyna;
SZENDZIKOWSKI, Stefan

Studies on the sodium azide toxicity. Pts. 2 and 3. Med. pracy
16 no.3:187-199 '65.

1. Z Instytutu Medycyny Pracy w Lodzi (Dyrektor: doc. dr. J. Nofer).

KOWALSKI, ZYGMUNT.

POLAND/Chemical Technology, Chemical Products and Their Applications, Part 2. - Fertilizers.

H-9

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33112.

Author : Tadeusz Stobiecki, Andrzej Baranski, Zygmunt Kowalski.
Inst : Not given
Title : Study of Manufacturing Ammonium Carbonate for Using It as Fertilizer.

Orig Pub: Chem. stosow., 1957, 1, No 1, 81-88.

Abstract: The pressure at the dissociation process of NH_4HCO_3 at 25 to 58° was determined. The dependence of the pressure on the temperature is expressed by the equation $\log P_{mm} = 12.6102 - 3230/T$. The dissociation of industrial NH_4HCO_3 was also studied. A considerable influence of moisture on dissociation was established at the storage of NH_4HCO_3 under various conditions. Bibliography with 8 titles.

Card : 1/1

KOWALSKI, Z

COUNTRY : Poland

H-9

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R0008

200

ABS. JOUR. : RZKhim., No. 1959, No. 87158

AUTHOR : Baranski, A.; Kowalski, Z.

INST. :

TITLE : Studies on Preparation of Ammonium Bicarbonate as a Synthetic Fertilizer. II. Determination of Decomposition Rate.

ORIG. PUB. : Chem. stosow., 1959, 3, No 1, 71-84, 85-88

ABSTRACT : II. Rate of decomposition of fine and coarse crystalline NH_4HCO_3 , at 15-58°, was studied: 1) with removal of dissociation products by blowing with air; 2) at a low pressure (3 mm Hg); 3) on keeping NH_4HCO_3 in sealed envelopes and in open boxes. Results of calculations are presented as diagrams and tables. Rate of decomposition and energy of activation are calculated. Apparently, decomposition of NH_4HCO_3 occurs in two stages: a) chemical reaction at the surface of crystals; b) diffusion of dissociation products. An empirical equation is given for weight decrease of NH_4HCO_3 as a function of time. The feasibility is considered of determining decrease of weight of NH_4HCO_3 scattered in

CARD: 1/3

COUNTRY : Poland

H-9

COUNTRY : Poland H-9
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 87158
AUTHOR : Stoczek, T.; Kowalski, Z.; Baranski, A.
INST. :
TITLE : Studies on Preparation of Ammonium Bicarbonate
as a Synthetic Fertilizer. III. Attempts to
Stabilize NH_4HCO_3 .
ORIG. PUB. : Chem. Stosow., 1959, 3, No 1, 71-84, 85-88
ABSTRACT : III. Large crystals of NH_4HCO_3 were washed on
Büchner funnel with oil-soluble in conditions in 10% aqueous
solution of NH_3 . Rate of decomposition of extracted and of
emulsion-washed NH_4HCO_3 were compared. Best results were
obtained in solution of 2% of anti-corrosion salt, especially
in the case of large crystals. Bibliography 3 references.
Communication 1 see RZKhim., 1957, No 10, 1312.
From authors' summary.

CARD: 3/3

STOBIECKI, Tadeusz; KOWALSKI, Zygmunt; BARANSKI, Andrzej

Studies on the obtaining of ammonium bicarbonate as fertilizer.
III. Attempts of stabilization of NH_4HCO_3 . Chemia stosow 3 no.1:
85-88 '59.

1. Instytut Syntezy Chemicznej, Oddzial w Chorzowie i Katedra Chemii
Teoretycznej, Uniwersytet Jagiellonski, Krakow.

BARANSKI, Andrzej; KOWALSKI, Zygmunt; STOBIECKI, Tadeusz

Studies on the obtaining of ammonium acid carbonate as a fertilizer.
I. Stabilization and decomposition kinetics of stabilized NH_4HCO_3 .
Chemia stosow 5 no.2:237-249 '61.

1. Instytut Nawozow Sztucznych, Tarnow, Katedra Chemii Teoretycznej,
Uniwersytet Jagiellonski, Krakow i Zaklady Azotowe im. P. Findera,
Chorzow.

BARANSKI, Andrzej; KOWALSKI, Zygmunt; STOBIECKI, Tadeusz

Studies on the preparation of ammonium acid carbonate as fertilizer.
IV. Stabilization and decomposition kinetics of stabilized NH_4HCO_3 .
Chemia stosow 5 no.2:237-249 '61.

1. Instytut Nawozow Sztucznychw Tarncow, Katedra Chemii Teoretycznej,
Uniwersytet Jagiellonski, Krakow i Zaklady Azotowe im. P.Findera,
Chorzow.

GOERLICH, Edward; KOWALSKI, Zygmunt; PRZEWLOCKA, Hanna

Polarographic analysis of ores. I. Determination of iron, manganese and titanium. XX. Chem anal 6 no.5:675-684 '61.

1. Department of Silicate Chemistry, School of Mining and Metallurgy, Cracow and Department of Chemistry Politechnical College, Czestochowa.

KOWALSKI, Zbigniew; BASSENDOWSKA, Ewa

Studies on the acute toxic action of phthalates used in the production of plastics. Med. pracy 16 no.2:109-112 '65

1. Z Instytutu Medycyny Pracy w Lodzi (Dyrektor: doc. dr. J. Nofer).

KOWALSKI-WIERUSZ, Jan, mgr.inz.

Building materials for the construction of aparatus for the
chemical industry. Przegł techn 81 no.24:8-10 Je '60.

KOWALSKI-WIERUSZ, J., mgr. ins.

Basic trends of increasing work productivity in the Soviet
construction industry. Przegl budowl i bud mieszk 34 no.7:
406-407 J1 '62.

KOWANDA, Bronislaw (Opole)

Some remarks concerning geodetic marking. Przegl geod 35 no.9:
395-396 S '63.

8/194/62/000/010/036/084
A063/A126

9.4220

AUTHOR: Kowar, J.

TITLE: The analysis of a reflex klystron in case of repeller current existing

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 20, abstract 10-3-40m (Prace Przemysł. inst. telekomun., 1962, v. 12, no. 36, 33 - 44; Polish)

TEXT: Usually, a reflex klystron is operated with low repeller current. When considerable repeller current exists, the klystron is operated because a wide frequency range, rather than high output power, is desired. This condition is reached when the repeller voltage is $1/5$ to $1/3$ of the accelerating voltage. As the repeller voltage is diminished, the current increases and reaches its maximum when the voltage is zero. The following is discussed in detail: the motion of electrons within the reflex klystron when repeller current exists, convection and induction currents, the appearance of harmonics, the form of the oscillations as well as their phase and amplitude, frequency stability. The maximum efficiency, /e

Card 1/2

The analysis of a reflex klystron in case of S/194/62/000/010/036/084
A063/A126
as a function of the grouping coefficient, is calculated. There are 8 references
(Przemysłowy Inst. Telekomun. PNR.)

N.S.

[Abstracter's note: Complete translation]

Card 2/2

KOWAR, J.

Influence of the magnetic field on certain parameters of the
reflex klystron. Przem Inst telekom prace 13 no.42/43:73-76
'63.

KOWAR-KASZUBOWA, Teresa

Current knowledge on the clinical value of ACTH & cortisone.
Polskie arch. med. wewn. 26 no.2:267-286 1956.

1. Z Oddziału Chorob Wewnętrznych Szpitala Miejskiego Nr 2 w
Warszawie. Ordynator: prof. dr. nauk med. W. Orłowski, Warszawa,
Leszno 15. Szpital Miejski Nr 2.

(ACTH, therapeutic use
(Pol))

(CORTISONE, therapeutic use
(Pol))

KOWAR-KASZUBOWA, T.

POLAND/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17358

Author : Kowar-Kaszubowa, T.

Inst : -

Title : A Trial of the Therapeutic Use of ACTH in Hodgkin's Disease.

Orig Pub : Polski tygod. lekar., 1957, 12, No 15, 555-556

Abstract : A female patient with Hodgkin's disease was treated with intravenous (drop method) infusions of ACTH; 10 mg in a 5% glucose solution were given for 4 hours every day for 10 days and then every other day for the next 20 days. Improvement was noted as early as the 3rd day (decrease in temperature and peripheral lymph nodes, increase in Hb from 42% to 62% and in RBC from 2 to 3 mil. per cu mm). No side effects from ACTH were noted.

Inst: 1. (A IV Aakladu Chorob Wewnetranych Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Warszawie; kierownik: prof. dr.

Card 1/1 nauk med. Witold Orłowski). Adres: Warszawa, ul. Leszno 15. Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Szpitalu Miejskim Nr 2.

KOWARZ-SOKOLOWSKA, Helena

Erythroderma desquamativum neonatorum. Przegl. lek., Krakow 10
no.8:228-233 1954.

1. Z Kliniki Chorob Skornych i Wenerycznych Akademii Medycznej w
Krakowie. Kierownik: prof. dr Kazimierz Lejman.
(ERYTHRODERMA DESQUAMATIVUM.)

KOWARZ-SOKOLOWSKA, Helena

Etiology and pathogenesis of dyshidrosis according to personal investigations. Prsegl. der., Warsz. 5 no.5:375-381 Sept-Oct 55.

1. Z Kliniki Dermatologicznej A.M. w Krakowie. Dyrektor: prof. dr. K. Lejman, Krakow, Klinika Dermatologiczna Akademii Medycznej, Kopernika 17.

(POMPHOLYX, etiology and pathogenesis)

KOWARZ-SOKOLOWSKA Helena.

Case of Schamberg's disease. Przegl.derm.Warsz. 5 no.6:457-461
Nov.-Dec. '55.

1. Z. Kliniki Dermatologicznej A.M. w Krakowie. Dyrektor: prof.
dr K. Lejman. Krakow, Klinika Dermatologiczna Akademii Medycznej,
Kopernika 17.

(SCHAMBERG'S DISEASE, case report)

KOWARZ-SOKOLOWSKA, HELENA
MACH, Bronislaw; KOWARZ-SOKOLOWSKA, Helena; ZADURA, Stanislaw

Case of acute infectious disease with symmetric cutaneous changes.
Polski tygod. lek. 12 no.35:1361-1364 26 Aug 57.

I. Z Kliniki Chorob Zakaznych A. M. w Krakowie; kierownik: prof.
Jazef Kostrzewski iz z Kliniki Dermatologicznej A. M. w Krakowie;
kierownik: prof. Kazimiera Lejman.

(SKIN DISEASES, case reports,
symmetric lesions in acute infect. (Pol))

LEJMAN, Kazimierz; KOWARZ-SOKOLOWSKA, Helena

Bone marrow in lupus erythematosus. Przegl. dermat. 48 no.8/10:
159-172 '61.

1. Z Kliniki Dermatologicznej A.M. w Krakowie Kierownik: Prof. dr
K. Lejman.

(LUPUS ERYTHEMATOSUS blood) (BONE MARROW)

KOWARZ-SOKOLOWSKA, Helena

Results of the treatment of mycoses with griseofulvin. Przegł. dermat.
49:229-233 '62.

1. Z Kliniki Dermatologicznej AM w Krakowie, Kierownik: prof. dr
K. Lejman.

(GRISEOFULVIN)

KOWARZ- SOKOLOWSKA, Helena

Neurohistological study on atrophic diseases of the vulva. Przegł.
derm. 51 no.58547-552 8-9 '64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. K. Lejman).

LEJMAN, Kazimierz, prof. dr.; KOWARZ-SOKCLOWSKA, Helena; STAPINSKI,
Andrzej, STARZYCKI, Zbigniew

Therapeutic failures in the treatment of gonorrhoea with peni-
cillin based on cases from the Dermatologic Clinic in Cracow
in 1962-1963. Przegł. dermat. 52 no.2:105-110 Mr-Apr '65

1. Z Kliniki Dermatologicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. K. Lejman).

LEJMAN, Kazimierz; STAPINSKI, Andrzej; KOWARZ-SOKOLOWSKA, Helena;
STARZYCKI, Zbigniew

Theoretical and clinical criteria supporting the need for the
increase of penicillin dosage in the treatment of gonorrhoea
by public health services in Poland. Przegl. dermat. 12 no.3:
223-229 My-Je '65.

1. Z Kliniki Dermatologicznej AM w Krakowie (Kierownik: prof.
dr. K. Lejman).

1ST AND 2ND GROUPS METALS AND PROPERTIES INDEX 3RD AND 4TH GROUPS

COMMON ELEMENTS

MATERIALS INDEX

OPEN

A S H - S L A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND GROUPS 3RD AND 4TH GROUPS

GROUPS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BC

A-4

Destruction of acetylcholine in blood. J. FUGLEW, H. KOWALSKI, and J. SZERMAN (Bull. Acad. Polonaise, U. S. S. R., 1957, 517-520).—The distribution of choline-esterase in plasma and blood corpuscles differs in various species. Coagulation processes have no influence on choline-esterase activity. There is no choline-esterase activity in white blood cells, measured by colorimetric and gasometric methods. Oxidized and reduced red cells destroy acetylcholine with equal velocity. The crys. oxyhaemoglobin of the dog does not destroy acetylcholine. Acetylcholine added to human or sheep blood is equally distributed between red cells and plasma, red cells being permeable to acetylcholine. After washing, red cells still possess choline-esterase activity, suggesting that the enzyme is inside the cell membrane, not merely adsorbed at the surface. With large amounts of acetylcholine the biological and gasometric methods for estimating choline-esterase activity give identical results; using small amounts of acetylcholine the gasometric method gives lower results. A. S.

