

POL/39-59-5-7/14

Metallurgical News - Desulfurization of Pig Iron Outside the Blast Furnace with Solid Desulfurizing Agents

is introduced into the liquid metal bath (Figs. 7 and 8), through a graphite nozzle in a stream of pure nitrogen under a pressure of about 10.5 at. The results of a series of experiments of this type are summarised in table 6. It is seen, moreover, from this table that the graphite nozzle was dipped to a depth of about 1 meter in each case, that the speed of injection of the powder averages at 10 to 12 kH per minute with a single nozzle, that the chemical efficiency of the reaction hardly ever exceeds 10% and is certainly greater with a single than with a double jet and, finally, that the cost in dollars of removing 0.001% of sulfur from 1 ton of pig iron ranges from 2 to 20 cents, with an average cost of about 4 cents for the single nozzle method. As far as the CaCN_2 agent is concerned, it may be considered impracticable since its preparation is lengthy and complicated and it causes too great a loss of temperature

Card 5/6

POL/39-59-5-7/14

Metallurgical News - Desulfurization of Pig Iron Outside the Blast
Furnace with Solid Desulfurizing Agents

in the course of its reaction. There are 11 tables,
10 graphs, 4 diagrams and 17 references, 5 of which
are German, 8 English, 2 Swedish and 2 French



Card 6/6

MASLANKA, Aleksander, mgr.inz.; ZIELINSKI, Stefan, mgr.inz.; KOWALEWSKI, Maciej, mgr.inz.

Determination of reductivity, temperature and softening range of different iron-nickel ores in the pelletizing process. Hutnik P 28 no.7/8:280-284 J1-Ag '61.

1. Instytut Metalurgii Żelaza, Gliwice.

KOWALEWSKI, Mikolaj, mgr. inz.

The industrial development of India. Przegl techn 79 no.6:
212-216 Mr '58.

KOWALEWSKI, Mikolaj, mgr inż.

Certain new methods and installations in foreign metallurgy.
Wiad hut 15 no.10:311-313 0 '64.

KOWALEWSKI, M.

"A Great Chemical Combine." p. 7, (PROBLEMY, Vol.10, no. 1, Jan. 1954, Warszawa, Poland)

SO: Monthly Lists of East European Accessions, LC, Vol. 3, No. 5, May 1951/uncl.

KOWALEWSKI, Mirosław, mgr. inż.

Great actual achievements of the Polish chemical industries.
Przeł techn 79 no.6:201-204 Mr '58.

KOWALFWSKI, MIROSLAW

1959 (i.e. Tysiac Dziewiecset Piecdziesiat Dziewiec) - 1965 W Gospodarce
Polski; Materialy Do Dyskusji Przedzjazdowej. (Warszawa) Ksiazka I Wiedza, 1959.
151 P. Illus. 13 x 21 cm.

KOWALEWSKI, Miroslaw

A man in the forefront of chemical engineering; about Professor
Janusz Ciborowski. Przegł techn no.41:4 12 0 '60.

KOWALEWSKI, Mirslaw, mgr. inz.

Action "R" seen in the example of Gdansk Voivodeship.
Przepl techn no.43:3-4 26 0 '60.

KOWALEWSKI, Mirosław, mgr., inż.

Rumania's building and construction. Przegl techn no.52:5 D '61.

KOWALEWSKI, Mirosław

The way of producing "stylon" for less cost; an interview with
Dr. Stanisław Ciborowski. Przegl techn no.7:5,8 14 F '62.

KOWALEWSKI, Miroslaw

An average day of the Oswiecim shop branch of the Association of Engineers and Technicians of the Chemical Industries; an interview with the chairman of the branch, engineer Rudolf Luber. Przegl techn no.13:1,8 Ap '62.

KOWALEWSKI, Mirosław

What kind of fertilizers and how much should we produce?
Przeł techn no.25:13. Je '62.

KOWALEWSKI, Mirosław

New roads of international cooperation. Przegl techn
no.29:8. J1. '62.

KOWALEWSKI, Mirosław

Organization of scientific-research work, a problem with number one priority; an interview with Prof. Aleksander Zmaczynski. Przegł techn no.3:1,3 17 Ja '62.

KOWALEWSKI, Mirosław

Close to industry; an interview with Jozef Obloj, Head of the
Institute for Heavy Organic Synthesis in Blachownia Slaska. Przegl
techn no.41:12 14 0 '62.

KOWALEWSKI, Mirosław, mgr inż.

Raw material problems. Przegl techn no.50:5 16 D '62.

KOWALEWSKI, Miroslaw

International cooperation of the chemical industry; interview with
E. Zawada, Deputy Minister of the Chemical Industry. Przegl techn
no.52:1, 3 30 D '62.

E 13110-63 EPF(c)/BDS AFFTC/APGC P/005/63/000/017/001/001

Pr-l BW/MN

59

AUTHOR: Kowalewski, Miroslaw

TITLE: Danubian petrochemistry (Report from Czechoslovakia)

PERIODICAL: Przeglad techniczny, no. 17, 1963, 4, 6

TEXT: This is a report on the "Slovnaft" Refinery and Petrochemical Plant now under construction at Bratislava, Czechoslovakia. The enterprise is compared with the Mazowieckie Zaklady Rafineryjne i Petrochemiczna (Mazovian Refinery and Petrochemical Plant) also in the stage of construction. The latter is situated at Plock, Poland. The refinery section of the "Slovnaft" Plant has been in operation for some time. It processes various oils and fuels. The major activities consist in selective refining of oil by means of furfural, deasphaltization of propane, oxidation of asphalts and thermal cracking. The petrochemical section is in an advanced stage of construction and is expected to begin operation in 1964-65. Further expansion of the production facilities of both sections is anticipated. The petrochemical plant will process raw materials originating from two sources: postrefinery gases, which are to ensure a high yield of ethylene and propylene, and pyrolysis of benzene intended to furnish the same compounds. Processing of propylene is also planned with the view of obtaining phenol, acetone, and polypropylene.

Card 1/1

KOWALEWSKI, Mirosław

"15 years of the Oswiecim Chemical Works, a combine of great organic synthesis" edited by [dr] Bolesław Milewski. Reviewed by Mirosław Kowalewski. Przegł techn 84 no.4:13 27 Ja '63.

KOWALEWSKI, Mirosław, mgr inż.

Danubian petrochemistry. Przegl techn 84 no.17:4, 6 28 Ap '63.

KOWALEWSKI, M., mgr ins.

Scientific research and practice in the prospective plans of the
chemical industry. Przegl techn 84 no.18:4 5 My '63.

KOWALEWSKI, Miroslaw

Colorful: beautiful and useful; interview with [mgr inz.] Janusz
Walewski, Vice-Minister of the Chemical Industry. Przegł techn 84
no.23/24:1,3 9-16 Je '63.

KOWALEWSKI, Miroslaw

Chemistry as seen from all points of view. Przegł techn 84
no.34:3 25 Ag '63.

KOWALEWSKI, Mirosław

Responsibility rests on the managing personal. Przegl techn 84
no.42:3 20 0 '63.

KOWALEWSKI, Mirosław, mgr inż.

Under the sign of the swallow; a great combine producing semiproducts for instant processing: chlorine, acetylene, ammonia, as well as commercial goods: fertilizers, polyvinyl chloride; acrylonitril, caprolactam, methacrylic resins. Problemy 19 no.12:748-753 '63.

KOWALEWSKI, Mirosław

Engineers and technicians after the 4th Congress of the Party.
Przeł techn 85 no.29:5, 8 19 J1 '64.

KOWALENSKI, Mirosław

It is not enough to produce plastics, you have to process them.
Przegl techn 86 no.16:8 18 Ap '65.

KONALEWSKI, Romuald, mgr., inż.

Organization of feed installations service and remote control.
Przełk kolej elektrot 14 no.4:112-115 Ap '62.

KCWALEWSKI, Romuald, mgr inz.

Results of the use of remote control devices of feeding
installations obtained in the Warsaw Railroad Center.
Przeł kolej elektrotech 14 no.8:230-236 Ag '62.

KOWALEWSKI, S. (Engr.):

Chlodnictwo. (Refrigeration). Warsaw, 1951, 24 pages.

KOWALEWSKI, W.

Kowalewski W. Determining Coal Consumption Rates in Locomotives.
„Określenie norm zużycia węgla na parowozach”. Przegląd Kolejowy. No. 12, 1954, pp. 444-450, 2 figs., 1 tab.

POL. A

Determination of coal consumption rates in locomotives is of major economic importance. The author advances a new graphic method for defining, in a simple yet accurate manner, the coal consumption by locomotives. To be able to do so, it is essential to know speed V of the train at every point along the route, S , and the steam admission E to the cylinders when running the engine with the throttle open. The fuel consumption rates are determined according to the curves for speed $V = f(S)$ and those representing the dependence of the hourly fuel consumption upon speed and steam admission in the cylinders — $B = f(E, V)$. It is necessary, in order to obtain the particulars necessary for the compilation of the diagrams, to carry out a trial run of the engine. The author also reviews the influence of various factors upon increased fuel consumption.

KOWALEWSKI, Wacław, mgr inż.

Polish national exhibition in Warsaw on technical progress
on railroads. Przegl kolej elektrotech 11 no.11:269-274 N '64.

KOWALEWSKI, Wiktor

Computing the weight of freight trains pulled by locomotives.
Przegl.kolej.mechan. 14 no.7:205-208 JI '62.

1. Centralny Zarzad Trakchji. Warszawa.

KOWALEWSKI, Wiktor, mgr inż.

Achievements in heat management on the Polish State Railroads.
Przegl kolej mechan 13 no.4:114-116 Ap '61.

KOWALEWSKI, Wiktor

Heat management in steam traction. Przegl kolej mechan 11 [i.e.
16] no.5:136-139 My '64.

1. Central Traction Administration, Warsaw.

KOWALEWSKI, Z.

"An Analysis of the Cost of Production as a Factor in Management Planning" p. 35
(Technika Motoryzacyjna, Vol. 3, No. 2, Feb. 1953, Warszawa)

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

KOWALEWSKI, Zbigniew (Warszawa)

Current problems of the raw materials economy in the sugar industry.
Przemysl spoz 16 no.2:5-11 '62.

KOWALEWSKI, Z.

"An Analysis of the Results of Experiments with New Oilseed Plants in Experimental Soils." p.37

(PRZEMYSŁ ROLNY I SPOZYWCZY Vol. 8, no. 1, Jan. 1954 Warszawa, Poland)

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

KOWALEWSKI, ZDISLAW

POLAND / Chemical Technology, Chemical Products and Their Ap- H-17
plication, Part 3. - Drugs, Vitamins, Antibiotics.

Ab's Jour : Ref Zhur - Khim., No 14, 1958, No 47765

Author : Boguslaw Borkowski, Zdislaw Kowalewski, Bozena Pasichowa.
Inst : Institute of Medicinal Plants.
Title : Capsaicine Preparation of Red Pepper (*Capsicum annuum* L.)

Orig Pub : Biul. Inst. rosl. leczn., 1957, 3, No 3, 216 - 221.

Abstract : A simple separation method of raw capsaicine (I) from red pepper (*Capsicum annuum* L.) fruit was developed. The extraction of I is carried out in the duration of 30 hours in a continuous percolator with the pentane fraction prepared by the distillation of petroleum ether at $< 40^{\circ}$. The extract is evaporated to $2/3$ of the original volume and freezeed out at -5° . The fallen out precipitate of raw I is washed and saponified with alkaline alcohol solution; the solution acidified with HCl is disclosed with activated

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FOLAND / Chemical Technology, Chemical Products and Their Ap- H-17
plication, Part 3. - Drugs, Vitamins, Antibiotics.

Ab's Jour : Ref Zhur - Khim., No 14, 1958, No 47765

carbon and kieselguhr, after which it is recrystallized
5 times from petroleum ether. The melting point of the
prepared chemically pure I is 63° , the yield is 41.4% (of
the I content in fruit). The proposed method completely
solves the question of preparation of I for the pharma-
cological industry.

Card 2/2

2

COUNTRY : Poland H-17
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 87580
AUTHOR : Borkowski, B.; Kowalewski, Z.; Lutoski, J.
INST. : Institute of Medicinal Plants
TITLE : Preparation of Colchicine from Autumn Crocus
(Colchicum autumnale L.) and Evaluation of
Quality of the Raw Material.
ORIG. PUB. : Biul. Inst. rosl. leczn., 1958, 4, No 3,
177-185
ABSTRACT : To isolate colchicine (I) from the above-
stated raw material use was made, in addition to the method
described in the literature, 2 methods evolved by the authors
in which the extractant was ethyl acetate (yield of I 0.21%,
MP 135°) and benzene (yield of I 0.33%, MP 135°). In both
methods I was free from extraneous admixtures (studied by
paper chromatography). As a result of biological tests the
conclusion is reached that the I obtained by the benzene
method is not inferior to I of the firm Merck, and yield of
I is higher than on isolation of I (for comparison) by the
two procedures described in the literature. I-content in
raw material is determined by the quantitative colorimetric
method (solvent -- benzene). From authors' summary.
CARD:

212

KOWALEWSKI, Z.

Determination of the pharmaceutical value of purple foxglove leaves by
the colorimetric method.
p. 299.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna
Organizacja Techniczna) Warszawa. Poland. Vol. 4, No. $\frac{1}{2}$, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Uncla.

KACZMAREK, Feliks, dr.; KOWALEWSKI, Zsiglaw, dr.; LUTOMSKI, Jerzy, dr.;
WROCINSKI, Tadeusz, dr.

On the preparing process and the action of diuretic preparation from dry leaf-bases of *Allium Cepa* L. *Biuletyn Ziel leczn*
7 no.2:157-166 Je '61.

1. Instytut Przemyslu Zielarskiego, Poznan.

KOWALEWSKI, Zdzisław, dr.

Quantitative determination of heterosides of strephanthidine
after chromatographic separation elaborated on example of
seeds of *Erysimum Perofskianum* Fisch. Inst przem ziel biul
7 no.3:211-238. S '61.

1. Kierownik Zakładu Technologii, Instytut Przemysłu Zielarskiego,
Poznań.

KOWALEWSKI, Zdzislaw, dr.

The content of the glycosides of major importance in the seeds of nine Erisium species and two related to them. Inst przem ziel biul 7 no. 4: 287-291 D. '61.

1. Kierownik Zakladu Technologii, Instytut Przemyslu Zielarskiego, Poznan.

PIASKOWSKI, Antoni, dr.; KOWALEWSKI, Zdzislaw, mgr., inz.

Problems connected with the determination of the consistency of soils, considering their admissible relative load. Archiw hydrotech 8 no.4: 555-583 '61.

1. Instytut Techniki Budowlanej, Warszawa, ul. Wawelska 2.

GOLCZ, Leszek, dr inz.; KOWALEWSKI, Zdzislaw

Content of glycosides of *Erysium perofskianum* Fisch. et Mey. seeds
in various stages of maturity. Inst przem ziel Biul 8 no.1/2:35-
38 Mr-Je '62.

1. Zakład Agrotechniki Roslin Leczniczych, Instytut Przemysłu
Zielarskiego, Poznan. Kierownik Zakładu: dr inz. L.Golcz.

KOWALEWSKI, Zdzislaw, mgr inż.

In connection with J. Kuzniar's paper on "Dynamics of Ground Water" (Archiwum Hydrotechniki vol. 9 no.2, 1962). Archiw hydrotech 10 no.2:279-282 '66.

1. Instytut Techniki Budowlanej, Zakład Mechaniki Gruntów i Fundamentowania, Warszawa.

KOWALEWSKI, Zdzislaw, dr

Social and occupational functions of a graduate engineer.
Przegl włokien 17 no. 4/5: 138-141 Ap-My '63.

1. Institute of Philosophy and Social Science, Polish Academy of Sciences, Warsaw.

▼ KOWALEWSKI, ZYGMUNT

POLAND / Chemical Technology. - Safety First Technique.
Sanitation Technique. Chemical Products and Their
Application. Part 1:

H-6

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11773.

Author : Zygmunt Kowalewski.

Inst : Not given

Title : Analysis of Accidents in Industry in 1956.

Orig Pub : Gaz. cukrown., 1957, 59, No 8, 211-212.

Abstract : In 1956 the number of accidents in the enterprises of
the sugar industry decreased by 28.5% as compared with 1955,
and the number of working days lost decreased by 31.5%. The
total number of fatal accidents did not change, and the num^{ber}
ber of serious traumas decreased by 44.4% as compared with
1955. The greatest number of accidents occurred in the IV

Card 1/2

POLAND / Chemical Technology. Safety First Technique. H-6
Sanitation Technique. Chemical Products and Their
Application. Part 1.

Abs Jour: Referat. Zhurnal Khimiya, No 4, 1958, 11773.

Abstract : year quarter, i.e. during the harvest campaign, when a great number of unskilled seasonal labor was engaged in work. The cause of the greater majority of accidents was rash treatment of mechanical equipment, transportation means, fuel, explosives, steam and gas under pressure, electrical equipment and others. It is recommended to improve the quality of technical training of workers and to organize medical assistance at enterprises.

Card 2/2

CZESZOWSKA, Zofia; CHACHAJ, Wladyslaw; KOWAL-GIERCZAK, Barbara; WRZYSZCZ,
Maria

The effect of methylene blue on urinary 17-hydroxycorticosteroids in
patients with bronchial asthma. Pol. tyg. lek. 17 no.52:2017-2021 25
D '62.

1. Z I Kliniki Chorob Wewnetrznych AM we Wroclawiu; kierownik: prof.
dr A. Kleczenski.

(METHYLENE BLUE) (ADRENAL CORTEX HOEMONES)
(ASTHMA)

FOLARD

CZERWINSKA, M., CHACIŁA, W., EDWAL-GIERCZAK, P. and WRZYMCZAK, M.;
The Clinic of Internal Diseases, AN (Academy of Medicine), Wrocław
(Z I Kliniki Chorob Wewnętrznych AN we Wrocławiu);

"The Influence of Methylene Blue on the Excretion of 17-Hydroxysteroids
in the Urine of Patients with Allergic Bronchial Asthma."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2017-2021

Abstract: [Authors' English summary modified] The amount of 17-hydroxy-
corticoids excreted in the urine of asthmatic patients was 50% lower
than in normal subjects. Since this effect has been attributed to tissue
hypoxemia, the effect of an oxidative drug methylene blue, has been
studied. An average of 83% increase in the excretion of the hormones
was noticed after the administration of this drug.
Three diagrams and fourteen references (all Western).

1/1

L 01912-67 T RO/JK

ACC NR: AP6035157

(A)

SOURCE CODE: PO/0081/65/019/002/0219/0220

DZIUBEK, Z.; WYSOCKA, B.; RZEWUSKA, S.; KOWALIK, G. and PIETRZYKOWSKI, J.
[Affiliation not given].

21.
B

"Analysis of Food Poisonings from Two Districts of the Warsaw Region:
Nowy Dwor and Siedlce."

Warsaw, Przeład Epidemiologiczny, Vol 19, No 2, 1965; p 219-220.

Abstract: Data on 866 cases noted from 1959 to 1963, including 57 in adults.
Of these, 463 were food poisonings and 403 were nonspecific diarrheal gastro-
enteritis. Food poisoning occurred primarily in the summer. Data on severity,
hospitalization, and foods involved are given for several of the major outbreaks.
Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infec-
tologists, Krakow, 5-6 Oct 64. [JPRS]

TOPIC TAGS: digestive system disease, food sanitation

SUB CODE: 06 / SUBM DATE: none

Card 1/1 blg

KOWALIK, JAN,

POLAND/Chemical Technology. Chemical Products and Their Application.
Treatment of Solid Mineral Fuels.

H-22

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15717

Author : Kowalik Jan, Warmuzinski Janusz

Inst :

Title : Critical Evaluation of the Drum Test (Micum) Utilized in
Poland for Determining Strength of Coke.

Orig Pub: Koks, smola, gaz, 1957, 2, No 2, 47-55.

Abstract: Recommendations are made concerning details of equipment
design and procedure of carrying out the drum test of coke
(Micum drum), in particular on improved screening of the coke
after the drum test, which result in greater uniformity and
accuracy of the results of the analysis.

Card : 1/1

KOWALIK, Barbara; KOWALIK, Piotr.

Cybernetics in medicine. Pol. wyg. Lek. 20 no. 8:236-238
22 F'65.

KOWALIK, Janusz (Gdansk)

Dynamic stability of a rod loaded with a pulsating bending moment.
Inst masz przep PAN no.9:119-139 '62.

KOWALIK, Janusz, dr., inz.

Activities of the Central Ship Designing Office on applying
electronic calculating machines in shipbuilding. Bud okretowe
Warszawa 7 no.2:60-61 '62.

1. Centralne Biuro Konstrukcji Okretowych Nr.1, Gdansk

KOWALIK, Janusz, dr. inz.

The mathematical form of the hull. Bud okretowe Warszawa 7
no.7:216-220 JI '62.

1. Centralne Biuro Konstrukcji Okretow, Gdansk.

KOWALFK, Janusz (Gdansk)

Dynamic stability of a bar on two supports subjected to a load
of axial force and a twisting momentum. Inst masz przep PAN no.13:
69-79 '63.

KOWALIK, Janusz, dr inż.

Importance of the modern branches of mathematics and of speedy operating computers for the development of engineering. Bud okretowe Warszawa 8 no.1:1-2 Ja '63.

1. Centralne Biuro Konstrukcji Okretowych, nr 1, Gdansk.

KOWALIK, Janusz, dr inż.

Application of electron computers in Polish shipbuilding. Bud
okretowe Warszawa 8 no.4:117-118, 119 Ap '63.

1. Ośrodek Badawczy Przemysłu Okretowego przy Centralnym Biurze
Konstrukcji Okretowych Nr.1, Gdansk.

KOWALIK, Janusz, dr inż.

Training the scientific and technical as well as the
economic staffs in the use of electric computers.
Bud okretowe Warszawa 8 no.7:225-226 J1 '63.

1. Osrodek Badawczy Przemyslu Okretowego przy Centralnym
Biurze Konstrukcji Okretowych nr. 1, Gdansk.

KOWALIK, Janusz, dr. inz.; HOLOWINSKI, J.T. (Gdansk)

Most profitable overseas goods transports selected with the
Elliot 803 digital computer. Tech gosp morska 13 no.11:
321-323 N'63.

L 04024-67 T-2/EWP(h)

ACC NR: AP6026289

(A, N)

SOURCE CODE: PO/0069/66/000/007/0581/0585

AUTHOR: Zdunowski, J. (Major, Doctor); Sitarz, A. (Major, Doctor); Kowalik, M. (Major, Doctor)

ORG: none

44
B

TITLE: Evacuation of wounded in Mi4 helicopter

SOURCE: Lekarz wojskowy, no. 7, 1966, 581-585

TOPIC TAGS: medical equipment, military medicine, helicopter, passenger aircraft

ABSTRACT: The Mi4 helicopter can transport eight litter cases and a medical corpsman. The authors present a standard operating procedure for the evacuation of litter cases from points at or near the front line. They discuss the relatively simple modification of the cabin of a standard troop carrier version, the placement of litter suspension belts, oxygen tanks, medicine chest and other equipment, the litter loading procedure and sequence, the preparation of the evacuees, in-flight functions of the corpsman, and the unloading procedure. Orig. art. has: 1 figure. [26]

SUB CODE: 01, 06/ SUBM DATE: 03Dec65/ ORIG REF: 006/ OTH REF: 001/ SOV REF: 001

Card 1/1 mt

KOWALIK, Mieczyslaw, inz.

Activities and intentions of the Czestochowa Branch of the
Polish Textile Workers Association. Przegł techn 84 no.43:
7,8 27 0 '63.

KOWALIK, Mieczyslaw, inż.

Lively organizational activities of the textile engineers
in Czestochowa. Przegl techn 84 no. 39: 5 29 S '63.

KOWALIK, Piotr, mgr inż.

Preliminary experiment of cybernetic analysis of a selected problem of water management. Archiw hydrotech 11 no.3:423-436 '64.

1. Department of Ground Science, Technical University, Gdansk.

KOWALIK, Barbara; KOMALIK, Piotr.

Cybernetics in medicine. Pol. tyg. lek. 20 no.8:286-288
22 F'65.

11C

CA

Dyes in microorganisms. Jerry Wolf and Romuald
Kowalik (Central Inst. Ind. Chem., Warsaw, Poland).
Wiedomości Chem. 4, 202-77(1950). A review with 30 refer-
ences. Adam Spozynski

KOWALIK, R.

160 ✓ 547.435.6:592.29 0

Kowalik R. Antibiotic Activity of 2-Substituted-1,4-Naphthoquinones on a Few Fungi and Fungicidal Effects of Several Di-thiocarbamates.

„Antybiotyczne działania dwóch podstawionych 1, 4-naftochinonów na niektóre grzyby niższe i efekty grzybobójcze na niektórych pochodnych kwasu dwutiokarbamionowego”. (Współpr. B. Jurecka). (Prace Gl. Inst. Chem. Przem. No. 2), Warszawa, 1951, PWT, 9 pp., 33 figs., 2 tabs.

Experiments, using various concentrations including complete inhibition, were made with 2-methyl, 2-methoxy, 2-ethoxy, 2-hydroxy — 1,4 naphthoquinones on the following fungi: *Alt. solani*, *Fus. oryzae*, *Cl. herbarum*, *Sclerotrys atra* and *Pen. notatum*. Similar experiments were made with tetramethylthiuram disulphide, ferric dimethyl-dithiocarbamate, zinc dimethylthiocarbamate and tetraethylthiuramdisulphide, on the fungi: *Pen. notatum*, *Cl. herbarum*, *Fus. oryzae*, *Alt. solani*, *Rhiz. solani*, *Coll. lindemuthianum*. Experimental procedure was based on the Vincent method. Some observations on the morphology and physiology of the fungi investigated are given.

AMMA
9-8-51

KOWALIK, R.

CZERWINSKA, E.; KOWALIK, R.

Effect of ethylenebis-dithiocarbamic acids-sodium-salt (nabam) and of ethylenebis-diethiocarbamic acid-zinc-salt (Zineb) on fungi imperfecti and on bacteria binding nitrogen in air. Acta mikrob.polon. 4 no.2:141-151 1955.

1. Z Zakladu Zwiaskow Toksycznych Instytutu Barwikow i Polproduktow w Warszawie.

(UREA, derivatives,

ethylenebis-dithiocarbamic acid-sodium & zinc salts, eff. on fungi imperfecti & bact.binding nitrogen in air)

(FUNGICIDES, effects,

ethylenetis-dithiocarbamic acids, sodium & zinc salts, on fungi imperfecti & bact.binding nitrogen in air)

KOWALIK, R.; SADURSKA, I.

Air microorganisms destroying paper, leather, and wax seals in archives. Acta microb. polon 5 no.1-2:277-284 1956.

1. Z Laboratorium Mikrobiologicznego Instytutu Barwnikow i Polproduktow w Warszawie.

(AIR, microbiology,

microorganisms destroying paper, leather & wax seals in archives (Pol))

(MUSEUMS,

air microorganisms destroying paper, leather & wax seals (Pol))

(BOOKS,

same)

Poland/Microbiology. Technical Microbiology

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57585

Author : Kowalik Rl, Czerwinska Ye

Inst : NOT given

Title : Microorganisms which take Part in the Destruction of Cotton and Wool Fibers

Orig Pub : Acta microbiol. polon., 1956, 5, No 1-2,
291-297

Abstract : Several representatives of imperfect fungi and actinomycetes were isolated from cotton fabrics and identified on a cellulose medium. Among them was also Memnoniella echinata, which in the opinion of some authors is encountered in the tropics only. Twelve strains were isolated from two kinds of wool. Some of them were described in literature as microorganisms pathogenic to

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KOWALIK, R.; SADURSKA, I.

Microorganisms destroying leather bookbindings. Acta microb.
polon 5 no.1-2:285-290 1956.

1. Z Laboratorium Mikrobiologicznego Instytutu Barwnikow i
Polproduktow w Warszawie.

(BOOKS,

air microorganisms destroying leather bookbindings (Pol))

(AIR, microbiology,
same)

CZERWINSKA, E.; KOWALIK, R.

Strains of Penicillium destroying archival paper. Acta microb.
polon 5 no.1-2:299-302 1956.

1. Z Laboratorium Mikrobiologicznego Instytutu Barwnikow i
Polproduktow w Warszawie.

(BOOKS,

Penicillium destroying archival paper (Pol))

(MUSEUMS,

same)

(PENICILLIUM,

strains destroying archival paper (Pol))

KOWALIK, R.; CZERWINSKA, E.

The preservation of organic coatings in tropical conditions. Acta
Microb.polon. 9:59-66 1959.

1. From Institute of Organic Industry, Warszawa, 5 May 1953.
(PAINT)
(FUNGI)
(TROPICAL CLIMATE)

KOWALIK, R.; SADURSKA, I.

Effect of ethylene oxide on certain types of fungi destroying wood. Acta Microb.polon. 9:67-69 1959.

1. Z Instytutu Przemysłu Organicznego w Warszawie.
(FUNGI pharmacol.)
(ETHYLENE OXIDE pharmacol.)

CZERWINSKA, Elzbieta; ECKSTEIN, Zygmunt; HETNARSKI, Bogumil; KOWALIK,
Romuald; URBANSKI, Tadeusz

On the biological activity of some alkyl- and arylmercury haloides.
Przem chem 39 no.4:222-225 Ap '60 .

1. Zaklad Syntezy Organicznej, Polska Akademia Nauk, oraz Instytut
Przemyslu Organicznego, Warszawa.

ECKSTEIN, Zygmunt; KOWALIK, Romuald

On the properties and fungicidal activities of aryloxyaceto-
hydroxamic acids. III. Influence of alkylic remnant as sub-
stituents. Przem chem 39 no.12:756-759 D '60.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa i
Pracownia Mykologiczna, Instytut Przemyslu Organicznego, Warszawa

CZERWINSKA, Elzbieta; KOWALIK, Romuald; PAWLOWSKA, Zofia

Microbiological studies on the resistance to fungal attack of
textile fabrics impregnated with a fungicide and melamine resin.
Acta microbiol. pol. 11 no.4: 383-392 '62.

1. Z Laboratorium Mikrobiologicznego Instytutu Przemyslu Organicznego
i Zakladu Ochron Osobistych Instytutu Ochrony Pracy w Warszawie.
(FUNGICIDES) (TEXTILES) (RESINS)

CZERWINSKA, Elzbieta; KOWALIK, Romuald; WISNIEWSKI, Tadeusz

Determination of the resistance of plastics to moulds. Acta
microbiol. polon. 12 no.1:69-76 '63.

1. From the "Instytut Przemysłu Organicznego" and the Instytut
Tworzyw Sztucznych", Warszawa.

(PLASTICS)

(FUNGI)

CZERWINSKA, Elzbieta; KOWALIK, Romuald; WISNIEWSKI, Tadeusz

Mold resistance of plastics. Polimery tworzyw wielk 8 no.5:202-204 My '63.

1. Instytut Przemysłu Organicznego, Pracownia Mikrobiologii, Warszawa (for Czerwinska and Kowalik). 2. Instytut Tworzyw Sztucznych, Zakład Ocen i Pomiarów, Warszawa (for Wisniewski).

GZERWINSKA, Elzbieta; KOWALIK, Romuald; WISNIEWSKI, Tadeusz

Determination of the resistance of plastics to moulds. Acta microbiol.
pol. 12 no.1:69-76 '63.

1. From the "Instytut Przemyslu Organicznego" and the "Instytut
Tworzyw Sztucznych", Warszawa.
(PLASTICS) (FUNGI)

ECKSTEIN, Z.; GROCHOWSKI, E.; KOWALIK, R.; URBANSKI, T.

Fungicidal activity of some 2-nitropropanedi-1,3-ol derivatives.
Bul chim PAN 11 no.12:687-693 '63.

1. Institute of Organic Synthesis, Polish Academy of Sciences,
and Mycological Laboratory, Institute of Organic Chemistry, Warsaw.
Presented by T. Urbanski.

ARCT, J.; CZERWINGKA, E.; ROKSTEIN, Z.; EJMOCKI, Z.; KOWALIK, R.; SOBOTA, W.;
ZUKOWSKI, E.

Properties and fungicidal activity of aryloxyalkanehydroxamic
acids. Pt.7. Bul chim PAN 12 no.7:465-470 '64.

1. Department of Organic Technology II of Warsaw Technical
University and Mycological Laboratory of the Institute of
Organic Industry, Warsaw. Submitted May 11, 1964.

BURACZEWSKI, K.; CZERWINSKA, E.; ECKSTEIN, Z.; GROCHOWSKI, F.; KOWALIK, R.
PLENKIEWICZ, J.

Properties and fungicidal activities of some aryl derivatives
of hydroxamic acid. Bul chim PAN 12 no.11:773-779 '64.

1. Department of Organic Technology II of Warsaw Technical
University, and Mycological Laboratory of the Institute of
Organic Industry, Warsaw. Submitted September 2, 1964.

CZERWINSKA, E.; ECKSTEIN, Z.; KOSCIELNY, J.; KOWALIK, R.

On biological activity of 5-aryloxy-5-nitro-1,3-dioxathiane-3-oxide derivatives. Bul chim PAN 13 no.1:17-19 '65.

1. Department of Organic Technology II of the Warsaw Technical University and Mycological Laboratory of the Institute of Organic Chemistry, Warsaw. Submitted November 25, 1964.

KOWALIK, Sylwester

Therapeutic management of paranasal sinus fractures. Roczn. Pom.
akad. med. Swierczewski 10:465-487 '64.

1. Z Kliniki Otolaryngologicznej Pomorskiej Akademii Medycznej
(Kierownik: prof. dr Jozef Taniowski).

ACCESSION NR: AP4026371

P/0034/64/000/003/0112/0114

AUTHOR: Czarniecki, Jerzy (Charnetski, E.) (Doctor of engineering); Denus, Slawomir (Master engineer); Kowalik, Stanislaw (Kowalik S.) (Master engineer)

TITLE: Type MDR-1 electronic pipe length measuring instrument

SOURCE: Pomiary, automatyka, kontrola, no. 3, 1964, 112-114

TOPIC TAGS: MDR-1 meter, MDR-1 electronic measuring instrument, pipe length measuring instrument, pipe length meter, pipe measuring meter

ABSTRACT: Measurement of pipe section lengths is an important problem in all tube mills as well as in various pipe warehouses. Pipe production is realized either in series of sections with an identical length or in series of sections with varying lengths. In the first case, the length for a given series is measured by calculating the number of sections and multiplying this result by the length at one section. In the second case, each section length has to be measured separately and the results then have to be totalled. Both methods are primitive, time-consuming and inaccurate. The MDR-1 electronic pipe length meter, automatically measuring the pipe length, is designed to replace the two above-mentioned methods. The MDR-1 device measures the length of each section with an error not exceeding ± 1 cm, automatically totals

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ACCESSION NR: AP4026371

the length of the sequentially measured pipe sections, and totals the number of pieces of the measured pipe sections. The device has the following measuring range: (1) combined length of sections in the series - 100 km = 10^7 cm; (2) number of pipe sections in a series - 10,000 pieces. The MDR-1 has the following advantages in comparison to the previous methods: (1) small error of measurement; (2) elimination of subjective reading error; (3) automatic recording of measurement result in scale-of-ten system; (4) large capacity; (5) combining of the length measuring and weighing cycles; (6) reduction of labor by 66%. Article gives a detailed description and operation. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15Apr64

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/2

GRABOWSKI, Andrzej, mgr inż.; KOWALIK, Tadeusz, mgr inż.; MSCIWOJEWSKI,
Edward, mgr inż.; SZCZERBA, Zbigniew, mgr inż.

Transducer voltage controllers of RNGT-2 series for high-
power synchronous generators. Energetyka Pol 17:Suppl.:
Biul inst energetyki 5 no.1/2:4-8 F '63.

DEBOWSKI, Janusz, mgr inż.; GRABOWSKI, Andrzej, mgr inż.; KOŃALIK, Tadeusz,
mgr inż.

Testing the prototype of the RNSA-71 voltage regulator for
150 MVA alternators. Energetyka Pol 18 no.10:Suppl.: Biul
Inst energetyki o no.9/10:41-43 0 1984.

1. Department of Automatic Control and Safety Protection,
Institute of Power Engineering, Warsaw.

KOWALIK, Zofia, mgr

"Maritime line navigation of capitalist countries" by E.M. Kramarow. Reviewed by Zofia Kowalik. Tech gosp morska 13 no.5:150 My '63.

1. Wyzsza Szkola Ekonomiczna, Sopot.

S/058/63/000/001/119/120
A062/A101

AUTHOR: Kowalik, Zygmunt

TITLE: Refraction of sound waves in sea water

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, abstract 1Zh457
("Arch. hydrotechn." 1962, 9, no. 2, 239 - 246, Polish;
summaries in Russian and French)

TEXT: On the basis of temperature and salinity measurements carried out for 3 years in the region of the bay of Gdansk (Dantzig), parameters of a sound channel are determined. The presence of a sound channel is connected with the existence of a sound speed minimum in certain layers of sea water. The distribution of these layers depends on how far the water is warmed up and on its salinity. The divergence angle of a sound beam during August is equal to 18° , which shows the real possibilities of utilizing a sound channel for hydro-acoustic communications.

[Abstracter's note: Complete translation]

Card 1/1

MASICKA, Halina; KOWALIK, Zygmunt

Dynamics of the ripple-mark formation in the coastal zone.
Acta geophy Pol 10 no.3:251-262 '62.

1. Stacja Morska, Zaklad Geofizyki, Polska Akademia Nauk, Sopot.