

PAWLOWSKI, Teofil, inż.

Production and assembling of roofs and wall parts made of
plastics by the car enterprise in Leszno. Przegl kolej. mechan
13 no.9:265-268, 278-279 S '61. .

POWELL/Polysiloxane Gels and Resins and Their
Applications. Synthesis Polymers, Plastics.

-2-

Res Jour: Ref Chem-Index, 1958, 2, 5537.

Author : Pawlowski, M.; Mladuch, J.

List :

Title : Alkylxysiloxane and arylxysiloxane Gels and Resins.

Orig. Int: Przem. Chem., 1958, 12, 12, 687-93.

Abstract: A method of preparation of alkylxysiloxane and arylxysiloxane gels and resins by partial hydrolysis of ester of orthosilicic acid was developed. From 0.3 to 1 mole of water per 1 mole of orthoester was taken for the preparation of gels, and from 1 to 1.4 mole of water per 1 mole of orthoester was taken for the preparation of resins. The polymerization of products

Part : 1/3

PAWLOWSKI, W., mgr.

An unrealized design of a petroleum pipeline 70 years ago.
Nafta 21 no.2:58 F '65.

MITREGA, Jan, mgr inż.; PAWLOWSKI, W. [abstractor]

The Polish petroleum and antural oil industry. Nafta
20 no. 4:89-90 Ap '64.

1. Minister of Mining and Power, Engineering Warsaw
(for Mitrega).

COUNTRY : Poland E-3
 CATEGORY :
 ABS. JOUR. : RZhKhim., No. 5 1960, No. 1750
 AUTHOR : Buchowski, H. and Pawlowski, W.
 INST. : Not given
 TITLE : The Chromatopolarographic Analysis of Mixtures of Nitroanilines. I. The Selection of Solvent Systems. II. Quantitative Determinations.
 ORIG. PUB. : Chem Analit (Poland), 4, No 1-2, 135-143, 145-149 (1954)
 ABSTRACT : I. The authors have investigated the possibility of the chromatographic separation of m- and p-nitroanilines (I) on powdered rubber (II) with the use of various solvents. A comparison of the values of the ionization constants and the distribution constants led to the selection of H_2SO_4 (III) as the optimum solvent. The sample to be analyzed is dissolved in 0.25 ml III and passed through a column packed with II which has been soaked in organic solvents acting as the

CARD: 1/5

150

COUNTRY: : Poland
 CATEGORY :
 ABS. JOUR. : RZhKhim., No. 5 1960, No. 17502
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : fixed phase. I is determined in the eluate polarographically by the method of Kemul (RZhKhim, 1955, 18, 4032²). When the solvent systemstoluene-III, chloroform (IV)-III, IV-acetone (V)-0.1 N KCl. IV-0.1 N KCl are used, a quantitative separation of the mixture is not achieved. Quantitative separation of the isomers is achieved in a 4-cm high column when the system IV-V-III (1.00 : 0.42 : 1.21) is used.

CARD: 2/5

PHASE I BOOK EXPLOITATION

FOL/5557

Warsaw. Instytut Lotnictwa.

Prace Instytutu Lotnictwa. Nr. 12 (Aviation Institute. Papers. no. 12) Warsaw, 1960. 63 p. 500 copies printed.

Sponsoring Agency: Zjednoczenie Przemysłu Lotniczego.

Editorial Board: Chief Ed.: Stanisław Antoni Witkowski, Master of Engineering; Ed. of this issue: Halina Wyżanowicz, Master of Engineering.

PURPOSE: This publication is intended for engineers and scientific workers in the aircraft industry.

COVERAGE: The publication contains articles on the coating and anodizing of aluminum surfaces, improving the quality of rubber by polymers, and the corrosive effect of hand prints. The articles are based on the authors' own theoretical and laboratory research work and are especially valuable for those working in the aircraft industry. Summaries accompany each article. No personalities are mentioned. References follow each article.

Card 1/2

Aviation Institute

POL/5557

TABLE OF CONTENTS:

1. Krajewski, S., Master of Engineering. Producing Protective Coatings on Aluminum in Baths Containing Hydrofluoric, Chromic, and Phosphoric Acid. A Contribution to the Knowledge of the Process 3
2. Krajewski, S., Master of Engineering. Anodizing Plated Duralumin Sheet in Sulphuric Acid Solutions at Elevated Temperatures 22
3. Pawłowski, W., Master of Chemical Sciences. Alcoxy- and Aroxy-siloxane Polymers and the Possibilities of Applying Them in the Polish Aircraft Industry 40
4. Hapka, T., Master of Engineering. A Tentative Determination of the Corrosive Properties of Hand Prints 61

AVAILABLE: Library of Congress

Card 2/2

AC/dwm/mas
9-19-61

PAWLOWSKI, Wincenty, mgr

Unknown publications on petroleum. Nafta:Biul inst naft 13 no.6/7:
13-14 '63.

KRZEMINSKI, Zbigniew, (Cieplice); PAWLOWSKI, Wladyslaw, (Warszawa)

Properties and utilization possibilities of concrete asbestos pipes.
Przeł budowl i bud mieszk 34 no.6:340-344 Je '62

KAMULA, M.; BUCHOŃ, M.; SIKORSKI, S.

Distribution studies. pt.4. Bull chim PAN 12 no.7:471-472 (1964).

1. Department of Inorganic Chemistry of Warsaw University
Submitted May 2, 1964.

PAWLOW N., Wincenty, mgr

First petroleum engineering schools in Galicia. Wafta 20 1964:
309-311 N '64.

JUSZKIEWICZ, Wlodzimierz; PAWLOWSKI, Wiktor

High-frequency measurements and analysis of their usefulness for measuring the radiant power of spurious emissions under conditions of operating radio emitting installations. Inst. łączn. Prace 10 no.2:47-84 '63.

PAWLOWSKI, Wladyslaw, mgr inz.

Forty years of "Przegląd Elektrotechniczny". Przegl elektrotechn
40 no.6:251-255 Je '64

1. Editor, "Przegląd Elektrotechniczny", Warsaw.

PAUL W. H. WADSWORTH

Chief, Operations, Office of Special Activities, CIA
1964-1968

PAWLOWSKI, W.; SKRYPKO, Z.

Concerning the economic side of the selection of voltage for proper use in steam electric-power plants. p. 114

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow Polskich) Bytom, Poland. Vol. 13, no. 4, Apr 1959

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

PAWLowski, W. ; BUCHOWSKI, H.

Chromatopolarographic analysis of nitroaniline mixtures. I. Choice of the system of solvents. II. Quantitative determination. p. 135.

CHIMIA ANALITYCZNA. Warszawa, Poland, No. 8, August 1959.

Monthly List of East European Accessions (MEAI) LC, Vol. 8, No. 11
November: 1959.

Uncl.

PALLOSKI, Z. (Katowice)

On a special case when the variance of a least squares estimator does not tend to zero. Zastos mat 7 no.4:391-397 '64.

1. Submitted November 18, 1963.

PAWLOWSKI, Z.

Taeniarhynchosis in Poznan District (Poland) in the years 1953-1957. In English, p. 75.

Praha, Czechoslovakia. Vol. 6, no. 2, 1959.

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

Uncl.

PAWLOWSKI, Zbigniew

Hormones of the adrenal cortex in experimental trichinosis in rats. I. The effect of prednisone (encorton) on the number of mature and larval forms of *Trichinella spiralis*. *Wiad. parazyt.* 10 no.4:338-339 '64

Hormones of the adrenal cortex in experimental trichinosis in rats. II. The effect of prednisone(encorton) on the number of *Trichinella spiralis* larvae in the late phase of trichinosis. *Ibid.*:340.

Hormones of the adrenal cortex in experimental trichinosis in rats. III. The effect of prednisone (encorton) on the localization of *Trichinella spiralis* larvae. *Ibid.*:341

Statistical analysis of 1200 cases of taeniarhynchosis observed in the time span 1953-1962. *Ibid.*:395-398

The effect of teniacids on *Catenotaenia pusilla* (Go. ze. 1785). *Ibid.*:450-453

KOLESAR TRUMBOZ, Wladyslaw; 1937; Y. G. G. G. G.

The efficiency of the diagnostic method of the diagnosis of the disease.
Wlad. parazyt. 10 no. 11: 2-419, 1937.

1. Katedra Biologii i Parazytologii Lekarskiej Akademii Medycznej
i Wojewodzkiej Szkoły Gorniczo-Hutniczej w Katowicach.

CHYLINSKI, J., mgr inz.; PAWLOWSKI, Z.; AUGUSTYNOWICZ, A., mgr; STANISLAWSKI, J., mgr inz.; JAKUBOWSKI, B., mgr inz.; JEDRZEJEWSKI, Z., mgr inz.; SUPERNAK, M., inz.

A discussion. Techn motor 14 no.10:304-305 0 '64.

1. Deputy Chairman, Committee for Science and Technology, Warsaw (for Chylinski). 2. State Automobile Communication, Warsaw (for Pawlowski). 3. Scientific Society for Organization and Administration, Warsaw (for Augustynowicz). 4. Association of *Polish Mechanical Engineers and Technicians, Warsaw* (for Stanislawski). 5. Association of Transportation Engineers and Technicians, Warsaw (for Jakubowski). 6. Association of Motorization Industry, Warsaw (for Supernak).

PAWLOWSKI, Zbigniew

Notes on the treatment of lambliasis with atabrine. Wiad. parazyt.
8 no.5:531-533 '62.

1. Zakład Biologii Ogólnej AM Poznan, 1 Wojew. Przychodnia Specjalistyczna,
Poznan.

(QUINACRINE)

(GIARDIASIS)

L 05428-67 EWP(k)

ACC NR: AT6032812 SOURCE CODE: PO/0000/66/000/000/0029/0036

AUTHOR: Deputat, J. (Warsaw); Pawlowski, Z. (Warsaw)

ORG: Department of Vibrations, IBTP Polish Academy of Sciences

23
B+

TITLE: Photomechanical effect produced in sodium-chloride crystals

SOURCE: Conference on Acoustics of Solid Media. Warsaw, 1964. Proceedings. Warsaw, PWN, 1966, 29-36

TOPIC TAGS: ultrasonic wave, sodium chloride, ultrasonic wave attenuation, photomechanical effect, low temperature effect, sodium chloride crystal

ABSTRACT: ^{2/} Attenuation of ultrasonic longitudinal and shear waves of 10-Mc frequency in gamma-irradiated, or additively colored and deformed, sodium-chloride crystals was measured. A photomechanical effect, which consists of sudden and reversible attenuation changes upon exposure to light, was observed in crystals containing new dislocations as well as in irradiated or additively colored crystals. It appears that this effect is caused by the interaction of fresh dislocations with point defects unpinned during illumination. A maximum attenuation decrease was noticed when crystals were illuminated at a temperature range

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ACC NR: AT6032812

of 78K to 573K with light of 4650 Å wavelength. Maximum attenuation increase occurred with light of 6300 Å wavelength. Attenuation increases due to illumination at low temperatures were termed by the authors as a negative photomechanical effect. Orig. art. has: 9 figures and 2 tables. [Based on authors' abstract]

SUB CODE: 20/ SUBM DATE: 14Jun65/ SOV REF: 002/ OTH REF: 014/

Card 2/2 *tdh*

PAWLOWSKI, Z

Pawłowski Z. Ultrasonic Testing of Pressure Welded and Welded Joints.

Pracinn polskich technicznych i spawanych metod ultradźwiękowych. Przegląd Spawalnictwa, No. 6, 1959, pp. 120-127, 23 figs.

The increasingly severe demands made on the performance of machine and construction parts necessitate an early detection of defects caused either by faulty technical processes or by fatigue of materials. The ultrasonic method of testing pressure welded and welded joints is characterized by its great accuracy and reliability.

Since the possibility of detecting defects depends on the structure of the objects, and the frequency of vibration. An explanation is included of the interpretation of ultrasonic records and of patterns simplifying such interpretation.

18

2

file

POLAND/Acoustics - Ultrasonics

5-4

Abstr Jour : Ref Zhur - Fizika, No 4, 1959, No 9103

Author : Pawlowski Zdzislaw, Radwan Maciej
Inst : Institute of Basic Technical Problems, Poland
Title : Comparison of Detectability by Means of Ultrasonic Method
and X-ray 1 in Testing Welded Joints

Orig. Pub : Proc. II. conf. ultrason., 1956, Warszawa, PWN, 1957, 175-169

Abstract : The author describes an ultrasonic flaw detector, acting on the principle of a converter, operating as a radiator, and receiver at frequencies of 1.5, 3, and 4.5 Mc in pulsed mode. The course of the ultrasonic beam in the material during the investigation is traced. The maximum dimensions of the flaw that can be observed by the instrument is estimated to be 1 to 2 mm. Photographs are given for specimens of welded materials in which flaws have been detected. It is concluded that the ultrasonic method for flaw detection can serve for a rapid preliminary investigation of the material and for the determination of the depth of location.

Card : 1/2

PUBLIC 1, 2.

1951-1952

Publications: 1. 1951, 2. 1952, 3. 1953, 4. 1954, 5. 1955.

1951-1952. Apparatus a. 1951, 1952, 1953, 1954, 1955.
p. 311.

Monthly List of East European Accessions (1951-1952), p. 311.
April 1953, 1954, 1955.

S/137/62/000/007/052/072
AG57/A101

AUTHORS: Pawlowski, Z., Rybak, M.

TITLE. The fatigue resistance of the AlMgSi alloy

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1962, 63, abstract 71403
("Ermüdungsfestigk. Werkstoffen und Bauelement. Votr. Warschauer
Tagung 12.-14. Mai 1960", Warszawa, 1961, 40, Germany)

TEXT: The fatigue resistance of the AlMgSi alloy (Polish specification
PA-4) after artificial and natural aging was investigated. The values for σ_b and
 $\sigma_{0.2}$ for both states were 33 and 25 kg/mm² and 24 and 14 kg/mm² respectively.

Wöhler diagrams were obtained and statistically processed.

L. Yelagina

[Abstracter's note: Complete translation]

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34711

S/137/62/00C/002/057/11
A005/A101

18.1210 (240P)
AUTHORS: Pawlowski, Z., Rybak, M.

TITLE: Fatigue properties of aluminum alloy

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 27, abstract 21154
("Wytrzymałość smęczenia tworzyw i elementów metalowych", Warszawa, 1961, 45 - 49, Polish)

TEXT. Investigations were made on Al-alloy PA-4, containing 0.77% Mg, 1.05% Si and 0.66% Mn, after natural and artificial (at 160°C) aging during rotating bending and composite strained state (bending with torsion). Fatigue tests were carried out at different stresses on 10 - 20 specimens for each level. It was established that the straggling of experimental data for the alloy obeys the law of normal distribution. Fatigue curves were plotted in coordinates of stress S versus the number of cycles N for various probabilities of failure. An analysis of these curves shows that the ratio of σ_w of the alloy after artificial aging to σ_w of the alloy after natural aging, was 1.13, i.e. much below the corresponding value for $\sigma_b = 1.54$ and $\sigma_{0.2} = 2.28$. The lesser value of this ratio for σ_w is apparently connected with the mechanism of developing fatigue fracture which is

Card 1/2

PAWLOWSKI, Zdzislaw

Conference on nondestructive methods of investigating materials,
Warsaw, May 15-20, 1961. Nauka Pol 9 no.4:209-211 O-D '61.

1. Polska Akademia Nauk, Instytut Podstawowych Problemow
Techniki.

39031
P/046/62/007/003/005/008
D256/D308

21.6000
AUTHOR:

Pawłowski, Zdisław

TITLE:

Pulse ionization chamber for energy measurements of particles from decay of compound nuclei produced by neutron bombardment

PERIODICAL:

Nukleonika, v. 7, no. 3, 1962, 183-192

TEXT:

A grid ionization chamber filled with argon at atmospheric pressure was used for energy measurements of charged particles emitted from a layer of natural boron under irradiation with thermal neutrons from a Po-Be neutron source. The groups of α -particles and Li-recoils from the reactions: $^{10}\text{B}(n, \alpha)^7\text{Li}^*$ and $^{10}\text{B}(n, \alpha)^7\text{Li}$ were established and the ratio of the yields was derived from the observed spectrum. The calibration of the chamber was performed using α -particles from U235 and Pa231. There are 6 figures.

ASSOCIATION:

Politechnika Warszawska, Katedra radiologii (Warsaw Polytechnic, Department of Radiology)

Card 1/2

Pulse ionization chamber ...

39071
P/046/62/007/003/005/008
D256/D308

SUBMITTED: January, 1962

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Card 2/2

PAWLOWSKI, Zdzislaw

Internal friction of metals and the problem of damage cumulation with static and variable loadings. Proceed vibr probl 4 no.1:43-64 '63.

1. Department of Vibrations, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

I. 20311-66 EWP(j)/EWP(t) DIAAP/LJP(c) JD/RM

ACC NR: AT6009309

SOURCE CODE: PO/2516/65/000/043/0043/0054

AUTHOR: Pawlowski, Z.

ORG: Department of Radiology, Warsaw Polytechnic (Katedra Radiologii Politechniki Warszawskiej)

TITLE: Effect of gaseous admixtures to argon upon ionization work for Alpha radiation

SOURCE: Warsaw. Politechnika. Zeszyty naukowe, no. 118, 1965. Elektryka, no. 43, 43-54

TOPIC TAGS: argon, acetylene, ionization, Alpha radiation, particle collision

ABSTRACT: The purpose of investigation was to obtain a mixture of argon with another gas, which has a minimal ionization work for radiation. Tests were carried out with a pulsing chamber. A noticeable reduction of ionization work was found in the argon with gaseous admixtures having a lower ionization potential than the exciting potential of metastable argon states. This phenomenon is considered a result of collisions of the second kind of admixed molecules with metastable argon atoms. A minimal ionization work of 21,1 eV has been obtained in the mixture of argon and acetylene as result of a resonant increase of the cross section of collisions leading to ionization. It

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ACC NR: AT6009309

has been experimentally ascertained that the minimum of ionization work is provided by a mixture containing 0,8% of acetylene. Analysis of experimental data has shown that the decrease of ionization work occurring in the mixture of argon with acetylene at low pressure is caused by the process of dual collision between the metastable argon atoms and acetylene particles. As the pressure in acetylene increases the ionization work also increases as result of triple collisions between the metastable argon atoms and two particles of acetylene. The author thanks Prof. Dr. Cezar Pawlowski for examining the study before it was put into print. Orig. art. has: 4 figures, 1 table and 4 formulas. [Author's abstract.]

[KS]

SUB CODE: 20/ SUBM DATE: 11Mar64/ ORIG REF: 002/ OTH REF: 003/
SOV REF: 001

Card 212 *290*

ACC NR: AP6008157

SOURCE CODE: FC/001/065/025/001/001/001

AUTHOR: Pawlowski, Zdzislaw--Pavlovski, Z.; Blonkowski, Andrzej--Ivan'kovskii, A.

ORG: Radiology Faculty, Warsaw Polytechnic, Warsaw (Katedra Radiologii, Politechnika Warszawska)

TITLE: Electronic collimation of alpha particles in gridded ionization chamber

SOURCE: Nukleonika, v. 10, no. 7, 1965, 433-441

TOPIC TAGS: collimation, ionization chamber, alpha particle, electric field

ABSTRACT: Electronic collimation in a conventional gridded ionization chamber is described. This method, based on the evaluation of pulse rise time at the collector, allows direct information on the angle formed by the tracks of the particles with the electric field to be obtained. The energy resolution was improved about 30%, when the electronic collimation of α particles was used. Results of an investigation are presented for gas mixtures Ar + 2% N₂ and Ar + 0.8% C₂H₂. The authors thank Prof.-Dr. C. Pawlowski for reading of the manuscript prior to publication. Orig. art. has 8 figures, 9 formulas, and 1 table. NA7

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 005

Card 1/1 vmb

2

L 34648-66 T JK

ACC NR: AF6026249

(A)

SOURCE CODE: CZ/0060/66/000/001/0031/0035

AUTHOR: Pazdiora, Adolf (Major; Doctor of medicine) 11-

ORG: Section of Hygiene and Epidemiology, Plzen (Hygienicko-Epidemiologicky Oddil) 11-

TITLE: Disinfection of shoes with peracetic acid

SOURCE: Vojenske zdravotnicke listy, no. 1, 1966, 31-35

TOPIC TAGS: fungus, skin disease, drug effect, clothing, disease control, military medicine, disinfectant

ABSTRACT: Interdigital mycosis is transmitted in the army mainly by insufficient disinfection of shoes when these are passed on from one soldier to another. As the fungus may survive for very long periods without contact with human body (even several years) only proper disinfection can prevent infection by the organisms. Peracetic acid was compared to other disinfectants currently used in the Czechoslovak Army (formaldehyde, formic acid, ethylene oxide). Trichophyton interdigitale and Candida albicans were used in the experiments. 0.5% - 1% solutions of peracetic acid acted faster than other disinfectants in the same concentrations and even a 1 minute exposure to 1% solution eliminated completely the fungi. Peracetic acid also penetrates deeper into the leather than other disinfectants. Major A. Kadlec and Ensign J. Chaloupek gave technical support.

Orig. art. has: 4 figures and 5 tables. [JPRS: 35,348]

SUB CODE: 06, 15 / SUBM DATE: none / ORIG REF: 012

Card 1/1 UDC: 617.586-002.828-084:613.48;614.48(:547.292-939)

0916

1798

WARTOWSKI, Tadeusz. *Parazytologia i Immunologia*

The efficiency of pyrazinamide and isoniazid in the treatment of enteric tuberculosis in isolated tuberculous parasites. *Acta Parasitol.* 1963, 10: 1-10.

1. Katedra Biologii i Parazytologii Uniwersyteckiego Instytutu Medycyny, Poznań, ul. Jerozolska 34a, 60-115 Poznań - epidemiologia i parazytologia.
Poznań.

PAWLOWSKI, Zbigniew, dr., docens

Applications of sample ~~survey~~ methods in commerce. Stat szemle
42 no.2:181-188 F'64

1. Krakoi Kozgazdasagi Foiskola.

PAWLOWSKI, Zbigniew

Thermal conductivity of molding sands in high temperatures.
Przełł naukowo-tech AGH no.6:41-55 '62.

1. Katedra Technologii Formy, Akademia Gorniczo-Hutnicza,
Krakow.

PAWLOWSKI, Zbigniew, mgr inż.

Thermophysical properties of molding sands. Przegł odlew 12 no.12:
382-386 D '62.

MITRYNOWICZ-MODRZEJEWSKA, Aleksandra; PAWLOWSKI, Zygmunt.

New methods for hearing tests in children and a critical evaluation of tone audiometry. Otolaryng. pol. 17 no.4:361-364 '63.

1. Z Oddziału Foniatrycznego Kliniki Otolaryngologicznej AM w Warszawie. Kierownik Oddziału. prof. dr. A. Mitrynowicz-Modrzejewska.

*

PAKLOWSKI, Zygmunt

An objective test of vocal cord vibration using the photo-optic method. Otolaryng. Pol. 18 no. 43567-572 1961

1. Z Oddziału Foniatrycznego Kliniki Otolaryngologicznej Akademii Medycznej w Warszawie (Dyrektor Kliniki: prof. dr. med. J. Szymanski; Kierownik Oddziału: prof. dr. med. A. Mitrinowicz-Modrzejewska).

MITRINOWICZ-MODRZEJEWSKA, Aleksandra; PAWLOWSKI, Zygmunt

Advances in methods of hearing examination in children. Acta medica
pclona 3 no.2:95-108 '62.

1. The Phoniatic Department of the Otolaryngologic Clinic, Medical
Academy, Warsaw Director: Prof. Dr. J. Szamanski Head of the Phoniatic
Department: Prof. Dr. A. Mitrinowicz-Modrzejewska.

(HEARING TESTS in infancy-& childhood)

MITRINOWICZ-MODRZEJEWSKA, Aleksandra; PAWLOWSKI, Zygmunt;
TLUCHOWSKI, Witold

Developmental defects of the palate as a multi-system disorder.
Rozpr. wydz. nauk med. 10 no.1:33-131 '65.

1. Z Oddziału Foniatrycznego Kliniki Otolaryngologicznej AM w
Warszawie (Kierownik Oddziału Foniatrycznego: prof. dr. med.
Aleksandra Mitrinowicz-Modrzejewska). Recenzentami byli:
prof. dr. med. J. Taniowski, doc. dr. med. H. Kozniewska.

PAWLICZEK, Helena.

Conjugal tuberculosis. *Gruslica* 23 no.10:717-724 Oct. 55.

1. Klinika Pysjatriyczna Slaskiej Akademii Medycznej.
Kierownik: prof. dr. L.Deloff. Zabrze 3, Klinika Pysjatriyczna
Slaskiej A.M., ul. Kasprowicza 1 m. 4.
(TUBERCULOSIS, epidemiology,
conjugal tuberc.)

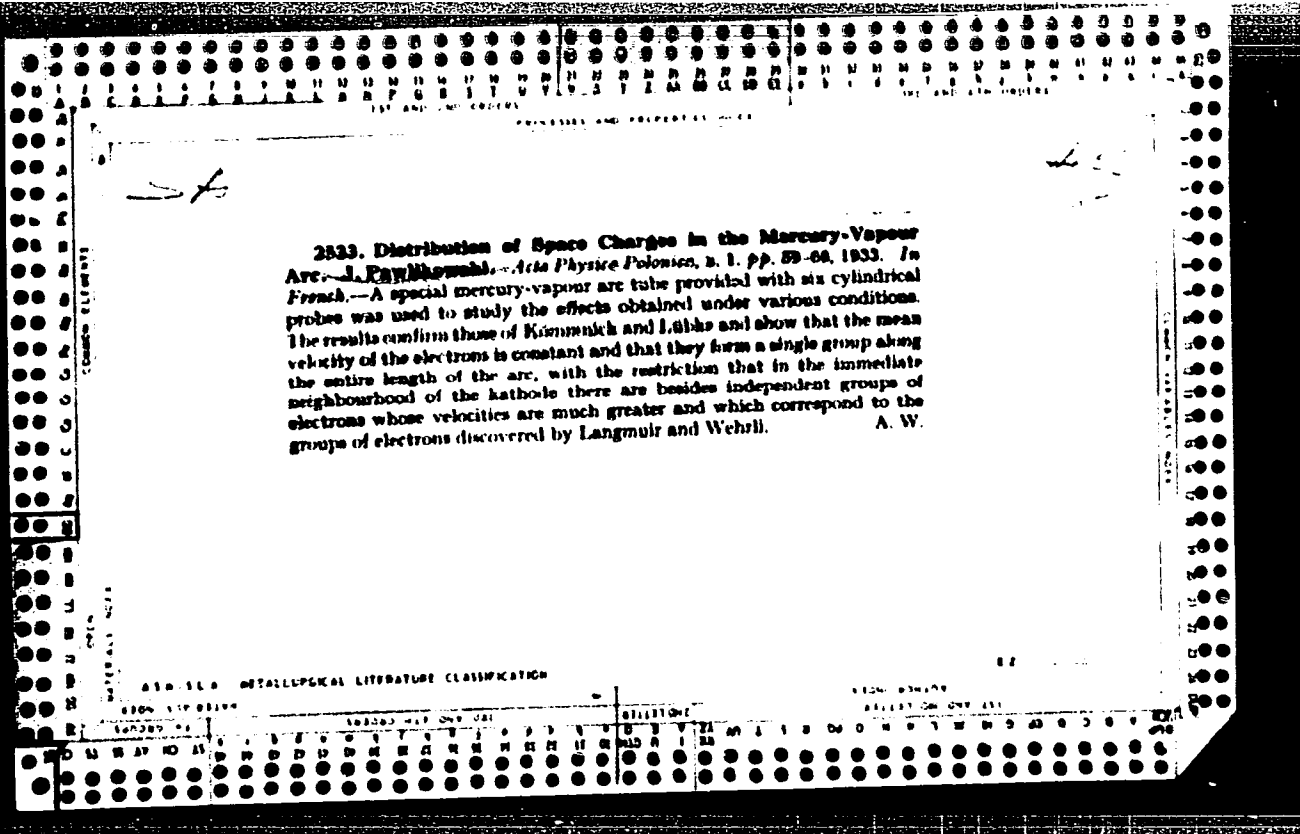
PAWLK, K.

1107. PROBLEMS OF AVOIDING DAMAGE BY FLY ASH. Pawlik, K. (VDI Z.,
11 Sept. 1956, vol. 98, 1561, 1562). Among aspects briefly considered are:
the reduction of the sulphur dioxide content by various means; and reduction
of fly ash including the use of electrostatic filters. (L). *Full*

PAWLIKOWSKI, J.

Obtaining cast iron from gas generators. p. 73. (WIADOMOSCI HUTNICZE, Vol. 16, No. 3, Mar. 1954, Stalinogrod, Poland)

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



P. T. A.

Mech. & Elec. Engineering

534

021 037 007

Pawlikowski J. Organisation of the Procedure of Regrinding and Replacement of Cutting Tools.

„Organizacja ostrzenia i wymiany narzędzi tnących” *Ekonomika i Organizacja Pracy* No 11—12, pp 442—444, 3 figs, 5 tabs

Justification for the centralisation of regrinding tools. Compulsory periodic replacement of tools in workshops. Method of servicing workshops and determination of the literary and number of calls per shift for the service personnel. Introduction of trucks fitted with tool racks.

P.T.A.

*Mechanical & Electrical
Engineering*

318 001 001
508
Pawlikow, K. J. Planning of Preliminary Work for Prototype and
Serial Machine Production
Planowanie przygotowania produkcji prototypu i seryjnej
Ekonomika i Organizacja Pracy No 7, 1950, pp 273-278. 1 tab.
Division of the production preliminaries into designing tech-
nological work and supply of material. Discussion of the more impor-
tant sectors of work. Concurrent execution of the individual preli-
minaries. Method of implementing the harmonogram of preliminary
work and of prototype production.

WEREMOWICZ, Jan; PAWLIKOWSKI, Leszek

Case of methylene blue poisoning. Polskie arch. med. wewn.
25 no.6:1153-1161 1955.

1. Z Oddziału Chorob Wewnętrznych (IV) Szpitala Miejskiego Nr
2 w Warszawie. Ordynator: prof. dr. nauk. med. W. Orłowski,
Łaski koło Warszawy, Zakład dla Niewidomych.

(POISONING,

methylene blue, case report. (Pol))

(METHYLENE BLUE, poisoning

case report. (Pol))

ANNEX I, B.

"Some expressions have a limited technical or scientific validity, such as
(DOKUMENTATION, Vol. 1, No. 1, 1964, Army, Arch.)"

10: Particle list of fast neutron reactions (Vol. 1, No. 1, 1964, Army, Arch.)

POLAND/Chemical Technology, Chemical Products and Their Appli-
cation, Part 1. - Corrosion, Protection from Corrosion.

H-4

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32862.

Author : Stefan Pawlikowski, Iwo Pollo, Jerzy Węgiel.
Inst : Krakow Institute of Mineral Oil, Polytechnical Institute
of Silesia.
Title : Calcium Cyanamide - Inhibitor of Steel Corrosion in Aqueous
Solutions.

Orig Pub: Zesz. nauk. Politechn. slaskiej, 1957, No 12, 107-128.

Abstract: The Krakow Mineral Oil Institute studied the influence
of calcium cyanamide (I) on the corrosion rate (CR)
and the change of the irreversible electrode potential
(P) of iron (0.3% of C) in distilled and tap water and
in a series of salt solutions taking into consideration
the conditions of underground corrosion. This study

Card: : 1/3

7

PAWLIKOWSKI, Stefan prof., dr., inż.; LUGOWSKA, Maria, dr., inż.; PLACZEK,
Joachim, mgr., inż.; BIALAS, Jan, inż.

Dry milling of sulfur ore. Rudy i metale 6 no.12:533-536 D '61.

POLAND / Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Bind-
ing Materials. Concrete.

H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43211.

Author : Pawlowski S.
Inst : Not given.
Title : Varieties of Fire-Resistant Concretes and Their
Application.

Orig Pub: Budown. przemysl., 1958, 7, No 9, 11-14.

Abstract: No abstract.

Card 1/1

M-32

EXCERPTA MEDICA Sec 13 Vol 13/6 Dermatology June 59
APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R00123972
PRODUCTION OF SULPHATHIAZOLE - Zawodowe choroby skóry u
pracowników zatrudnionych przy produkcji sulfatiazolu - Pawlowski S.
and Warczewski Z. Klin. Dermatol. A.M., Gdańsk - PRZEGL. DERM.
WENER. 1958, 8/5 (557-561) Tables 1 (XIII, 17*)

PAWLIKOWSKI, S.

H-6

POLAND/Chemical Technology - Chemical Products and Their
Application. Safety Engineering. Sanitary
Engineering.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25635

Author : Pawlikowski S., Bistron St.

Inst :
Title : Experiments on Precipitation of Some Industrial Aerosols

Orig Pub : Przem. chem., 1957, 13, No 2, 90-99

Abstract : Results of experiments on precipitation of particles
from aerosols of NH_4NO_3 , NH_4Cl , H_2SO_4 by means of glass
capillaries, porous glass Schott filter and a layer of
sand. The precipitation is based upon the fact that
increased velocity and pressure of the gas in the capil-
laries, or porous materials, result in increased number
of collisions between aerosol particles and provide
more favorable conditions for condensation of water vapor

Card 1/2

POLAND/Chemical Technology. Chemical Products and Their Application, Production and Separation of Gases H-13

Abs Jour : Ref Zhur - Khimiya, 1958, No 22, 74823

Author : Pawlikowski S.

Inst : Not Given

Title : Production of Oxygen in Large Quantities

Orig. Pub : Hutnik (Polska), 1957, 24, No 6, 245-249

Abstract : Modified schemes of the Lide-Frenkel industrial oxygen process are described. Its application for increasing productivity of certain industrial processes is reviewed.

Card : 1/1

END

POLAND/Chemical Technology - Chemical Products and Their
Application. Processes and Apparatus for
Chemical Technology.

H-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25398

Author : Pawlikowski T., Bojenko Z.

Inst : Ministry of Mining Institute.

Title : Device for Detection of Leaks in Gas Pipe-Lines.

Orig Pub : Prace inst. Min-wa hutn., 1957, 9, No 5, 236-240

Abstract : No abstract.

Card 1/1

-6 -

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239720015-1"

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original language. The original document is available in the original language,
English, French, German, Italian, Japanese, Russian, Spanish, and Swedish.

See original document for details. The original document is available in the original language,
English, French, German, Italian, Japanese, Russian, Spanish, and Swedish.

PAWLIKOWSKI, W.

Rural building in the light of the National Building Conference.

P. 3 (BUDOWNICTWO WIEJSKIE) Poland, Vol. 6, No. 6, June 1956

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

7
Chromatopolarographic analysis of nitroaniline mixtures.
II. Quantitative determinations. Henryk Buchowski and
Wiktor Pawlowski. *Chem. Anal.* (Warsaw) 4, 145-9
(1959) (English summary); cf. *C.A.* 53, 13391c. — A mixt. of
3% aq. H₂SO₄, 1000, acetone 168.5, and CHCl₃ 89.3 g.
seps. into two layers. The aq. layer was used as eluate and
the CHCl₃ layer for swelling of rubber. Good results were
obtained on a glass column 4 cm. long and 0.48 cm. in diam.
packed with 100 mg. of rubber, swollen by CHCl₃ layer
used in amts. of 3 ml./g. of rubber. Currents in the
effluent were recorded by means of a device described by
Kemula (*C.A.* 47, 7344d; *Przemysl Chem.* 33, 453(1954)).
The rate of out-flow was 10 ml./hr. Time of analysis can
be cut when meta and para isomers only are detd. in first 7-8
ml. and the content of *o*-nitroaniline is calcd. from the dif-
ference between total amt. and the sum of meta and para
isomers. Time of analysis is below 1 hr. and mean error
less than 1%. Polarograms are reproduced. Z. Kurtyka

2012y
1/E 2d
1/E 2c (j)
3

PAWŁOWSKI, Z

PHASE I BOOK EXPLOITATION

POL/4412

Filipczak, Leszek, Doctor, Engineer, Zdzisław Pawłowski, Engineer, and Jerzy Wehr, Engineer

Ultradźwiękowe metody badania materiałów (Ultrasonic Methods in Materials Research)
Warsaw, Państwowe wyd-wo techniczne, 1959. 272 p. Errata slip inserted.
1,753 copies printed.

Tech. Ed.: Bożenna Radzikowska.

PURPOSE: This book is intended for engineers and technicians engaged in materials inspection.

COVERAGE: The book describes the physical principles of nondestructive ultrasonic investigation of materials, and reviews the basic types of equipment used in these processes. In particular, details of the application of ultrasonic methods to the inspection of machine parts, forged and rolled items, welded joints, and also to the investigation of industrial ceramics, concrete structures and synthetic materials are given. No personalities are mentioned. There are 46 references: 19 Polish, 12 German, 11 English, 2 French, and 2 Czech.

~~Card 1/5~~

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3025

with good results in cases where other substances had failed, even after a short period of application. Bacteriological examination after the application showed only saprophytic flora. The treatment prevented secondary infection, shortened the time of treatment, and gave a quicker and better preparation of the field for grafts.

POLAND / Zooparasitology. Parasitic Protozoa.

G

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 52968

Author : Pawlow, P.

Inst : Not given

Title : Investigations of Trichomonas of Large Horned Cattle in Bulgaria.

Orig Pub : Wiadom. parazytol., 1957, 3, No. 2-3, 241-250.

Abstract : No abstract.

Card 1/1

The MD-8 airplane. p. 16

(SHEZYMATA PISMA. Vol. 13, No. 22, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (LEEA) No. Vol. 6, No. 1, October 1957. Incl.

IANIOWICZ, F.

Tourist airplane KWE-13 ;.lc

(SKRZYDLATA POLSKA. Vol. 13, No. 27, July 1977. Warszawa, Poland)

SO: Monthly List of East European Acquisitions (ELM) I. Vol. 6, No. 11, October 1977. Incl.

POL/7-59-28-13/26

13)

AUTHOR: Pawłowicz, Feliks

TITLE: Polish Aircraft Designs

PERIODICAL: Skrzydlata Polska, 1959, Nr 28, p 6 (POL)

ABSTRACT: The author describes the LKL-2 tourist aircraft which was built and flight tested in 1930. Designers of the LKL-2 were Engineers J. Teisseyre and Bartolewski. There is 1 photo and 1 set of technical drawings.

Card 1/1

PAWLOWICZ, F.
PAWLOWICZ, F.

The MN-5 airplane.

p. 16 (Skrzydłata Polaka) Vol. 13, no. 42, Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

PAWLOWICZ, F.
PAWLOWICZ, F.

The TS-1/34 Training glider ~~branyk~~.

p. 16 (Skrzydłata Polaka) Vol. 13, no. 41, Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1950

PAWLOWICZ, F.

The PWS-2L airplane.

P. S. (SIKRYDLATA POLSKA) (Warsaw, Poland) Vol. 11, no. 1, Feb. 1958

30: Monthly Index of East European Accession (ESAI) 19 Vol. 7, No. 7
1958

PAWLOWICZ, P.

The RWD-15 tourist airplane.

P. 8. (SKRZYDLATA POLSKA) (Warsawa, Poland) Vol. 14, no. 7, Feb. 1958

SO: Monthly Index of East European Accession (FEAJ) LC Vol. 7, No. 7
1958

pawlowicz, f.

The WZ-VIII Air liner.

P. 6. (SZRZYDLATA POLSKA) (Warsawa, Poland) Vol. 14, no. 2, Feb. 1958

50: Monthly Index of East European Accession (MIEA) 17 Vol. 7, No. 5
1958

PAWLOWSKI, Andrzej

Free and encapsulated nerve endings in the epidermis and superficial skin layers in men and animals. II. Comparative studies on the innervation of the skin in animals and human embryos during embryonic development, some pathological disorders and in nevi. Przegł. dermat. 50 no.2:183-189 Mr-Je'63.

1. Z Kliniki Dermatologicznej AM w Warszawie (kierownik: prof. dr. S.Jablonska) i z University of Pennsylvania Dept. of Dermatology, USA (kierownik: prof.dr.D.M.Pillsbury).

*

KOSTANECKI, Wojciech; PETRYKIEWICZ, Roman [deceased]; PAWLOWSKI, Andrzej

Studies on alopecia in women. Przegl. dermat. 50 no.6:541-545
N-D'63

1. Z Kliniki Dermatologicznej AM w Warszawie; kierownik:
prof. dr. S.Jablonska.

*

PAWLOWSKI, BOGUMIL

Flora Tatr; rosliny naczynowe. (Wyd.1.) Warszawa, Panstwowe Wydawn.
Naukowe. (Flora of the Tatra Mountains; vascular plants. 1st ed. illus., indexes)

Vol. 1. (General part: keys to nomenclature. Descriptive part: ferns, plants with
naked buds, double leaf plants, apetalous plants) 1956. 669 p.

CU

DA

NN

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

POLAND/Microbiology - Microbiology Pathogenic to Humans and
Animals.

F-4

Ab Jour : Ref Zhur - Biol., No 12, 1958, 52850

Author : Jawlowski, E.

Inst :

Title : The Theory of Parasitocenoses and the Role of the Causative
Agents of Disease.

Orig Pub : Wiadom. parazytol., 1957, 3, No 2-3, 191-198.

Abstract : No abstract.

Card 1/1

- 46 -

PAWLOWSKI, H.

TECHNOLOGY

PERIODICAL: NAFTA, Vol. 14, no. 9, Sept. 1958.

PAWLOWSKI, H. For the reduction of losses, fire prevention, and principles of quantitative measuring while planning new petroleum storehouses. p. 243.

Monthly List of East European Accessions (EKAI) LC Vol. 8, no. 4
April 1959, Unclass.

By: [illegible]

To: [illegible]

Re: [illegible]

[illegible]

[illegible]

PAWLOWSKI, Janusz, Mgr.inz.

The motor bus of the future. Tech motor 11 no.12:399-402 D '11.

PRUSZCZYNSKI, Aleksandr; PAWLOWSKI, Lech; LEGIEWSKI, Aleksander;
BIERNAT, Stanislaw

Some statistical data concerning arteriosclerosis and myocardial infarction with special reference to the age, sex and co-existing diseases according to autopsy studies performed during 1950-1959 in the Institute of Pathological Anatomy of the Academy of Medicine in Lodz. Postepy hig. med. dosw. 15 no.6:727-732 '61.

1. Z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik: prof. dr. A.Pruszczyński.
(CORONARY DISEASE statist) (MYOCARDIAL INFARCT statist)

PAWLOWSKI, LESZEK KAZIMIERZ.

SCIENCE

PAWLOWSKI, LESZEK KAZIMIERZ. Wrotki (Rotatoria) rzeki Grabi. Lodz (Lodzkie
Towarzystwo Naukowe. Wydzial III. Prace, nr. 50)
Vol. 1. 1958. 439 p.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass.

PAWLOWSKI, LESZEK KAZIMIEZ

The first list of the Rotifera found in the Grabia River.
1st. edition in French. illus., maps, bibl., footnotes, graphs, tables.
(Wyd. 1.)Lodzkie Tow. Naukowe, 1956. 54 p. (Lodzkie Towarzystwo Naukowe, Wydzial III:
Nauk Matematycznoprzyrodnicznych. Bulletin, v. 7, (nr) 4)

SO: Monthly List of East European Accessions (EKAL) LC, Vol. 6, No. 9. Sept, 1956 Uncl.

PAW CZEKI, M.; WYK RZ, E.; OSI KA, M.

Organizational and technical foundations for the plan of setting up mobile construction units. (To be cont.) p. 193.

(LROGOWNICTWO. Vol. 12, No. 8, Aug. 1977. Warszawa, Poland.)

SO: monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1977. Uncl.

PAWLOWSKI, S.

TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol. 7, no. 9, Sept. 1958

PAWLOWSKI, S. Classification of kinds of fireproof concrete and their uses.
p. 11.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4.
April 1959, Unclass

PAWLOWSKI, S.

TECHNOLOGY

PAWLOWSKI, S. Classification of kinds of fireproof concrete and their uses.
p. 11.

Vol. 7, no. 9, Sept. 1958.

Monthly Index of East European Acquisitions (EEAI) LC, Vol. 7, No. 12, Dec. '58

PAWŁOWSKI, STANISŁAW.

PAWŁOWSKI, STANISŁAW. Declinations of the Plumb in Poland because of
Gravimetical Anomalies. Przegląd geodezyjny, 1947, v. 3, p. 348-350.

PAWŁOWSKI, STANISŁAW.

PAWŁOWSKI, STANISŁAW. The Magnetic Anomalies in the Neighbourhood of Villages Sw. Katarzyna-Psary. Warszawa. Państwowy Instytut Geologiczny. Seria geofizyczna. Biuletyn no. 35, 1947, 28 p.

POLAND/Chemical Technology - Chemical Products and Their
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25876
Author : Pawlowski Stanislaw
Inst : -
Title : Suitability of Polish Raw Materials for the Manufacture
of Refractories .
Orig Pub : Przegl. geol. 1957, 5, No 9, 402-407.
Abstract : No abstract.

Card 1/1

PAWŁOWSKI, STANISŁAW.

PAWŁOWSKI, STANISŁAW. Problem właściwej i zorientowanej elipsoidy w Polsce
(The Problem of the Derivation of the Vertical and of the Spheroid of
Reference in Poland). Geodezyjny Instytut Naukowo-Badawczy. Prace, Warszawa,
1948, no. 3, p. 1-19.

PAWŁOWSKI, STANISŁAW.

PAWŁOWSKI, STANISŁAW. Gravity Surveys with the Norgaard Gravimeter in Central Poland, from April 12 to June 14, 1947. Warszawa. Państwowy Instytut geologiczny. Seria geofizyczna. Biuletyn no. 47, 1948, 74 VI p.

PAWŁOWSKI, STANISŁAW.

PAWŁOWSKI, STANISŁAW. Results of Gravity Surveys on the Northern Rim of the Swietokrzyskie Mountains. Geologiczny biuletyn informacyjny, fasc. no. 3, 1952, p. 101-102.

PAWLOWSKI, STANISLAW.

PAWLOWSKI, STANISLAW. Results of Magnetic Measurements in 1949 with the La Cour Magnetometers. Geologiczny biuletyn informacyjny, fasc. no. 3, 1952, p. 104.

PAWLOWSKI STANISLAW

APPROVED FOR RELEASE: 06/15/2000
POLAND/Chemical Technology Products and Their I-8
Application. Ceramics. Glass. Binders. Concrete
CIA-RDP86-00513R001239720015-1"

- Subs Jour : Ref Zhur-Khimiya, No 2, 1958, 5356.
- Author : Pawlowski Stanislaw
- Inst : Not Given
- Title : New Trends in the Technology of Dinas for the Roof of Open Hearth Furnaces.
- Orig Pub : Wiadom.hutn., 1957, 13, No 2, 40-45
- Abstract : A review of the latest achievements in the theory and practice of the production of Dinas for the roof of open hearth furnaces. Consideration is given to questions concerning the purity of quartzites, to procedures for the production of heavy-duty Dinas (HD), and the recent patents concerned with improvement of the quality of
- Card : 1/2

1-1-1951, S.

PANLOSKI S.

Przegląd do badań wpływa lotów na ucho środkowe i aparat przedsionkowy. /Influence of Flight on the middle ear and vestibular apparatus/ Lek. wojsk., Warszawa Vol. 25 Dec 49 p. 53-9.

1. MAI

CIML Vol. 19, No. 2 Aug. 1950

PATENT WORKS

250
101

POL . 4

High-Refractory Insulating Foam Products. S. Pawlowski
*(From Instytutow Ministerstwa Hutnictwa, 1954, 0-12, 66-73).
 (In Polish). The preparation of the following high refractory
 bricks using the foam method is described: (1) From corundum
 and lime, bulk density 0.7-0.9 g./c.c., cold crushing strength
 20-30 kg./sq.cm. applicable for temperatures up to 1800° C.
 (2) From corundum and portland cement, bulk density 0.8-
 0.9 g./c.c., cold crushing strength 25-40 kg./sq. cm. for
 temperatures up to 1800° C. (3) From corundum and fireclay,
 bulk density 0.98-1.05 g./c.c., cold crushing strength 140-160
 kg./sq. cm., high refractoriness under load, high resistance to
 thermal shock, applicable for temperatures up to 1800° C.
 (4) Vorsterite bricks, bulk density 1.00 g./c.c., cold crushing
 strength 40-50 kg./sq. cm. applicable for temperatures up to
 1550° C. (5) Silica bricks, bulk density 0.75-0.9 g./c.c., cold
 crushing strength 20-35 kg./sq. cm. The method of manu-
 facturing the silica bricks needs further research to prevent
 cracking on firing. The applications of various types of
 insulating refractories are discussed.—y. o.*

PAWLIKOWSKI, S; STARCZEWSKI, M; ZARZYCKI, S.

Construction principles of ceramic absorption towers and acid reservoirs.

P. 1 (BUDOWNICTWO PRZEMYSLOWE) Poland, Vol. 6, No. 9, Sept. 1957

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

Handwritten: Pawlikowski, S.
PAWLIKOWSKI, S.

The application of nonmetallic acid-resisting materials in industrial building.

p. 44 (Budownictwo Przemyslowe) Vol. 4, no. 5, May, 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

PAULOWSKI, S.

POL. 4

✓ Manufacture of insulating fireclay products by a gas-evolution method. S. Pawlowski. *Proc. Int. Administ. Cong. (1961), 6, 295-302 (1961), English summary.*—Porous refractories of light weight are manuf'd. by mixing fireclay, dolomite, and dil'd. H₂SO₄, pouring the mixt into the molds, drying till <2% H₂O is left (first in air and then at 110°), and heating for 2 hrs. at 1200°. Best results are obtained by mixing 1 kg. of powd. firebrick prod of 0.3-0.5 mm., 2 kg. of fireclay of <0.3 mm., 5.3 kg. of 2% H₂SO₄, 0.28 kg. of dolomite of <0.1 mm., and 0.6 kg. of gypsum (as stabilizer). After drying, the temp. is increased by 100°/hr. The products obtained have a bulk d. 0.85-0.70 g./cc., total porosity 70-78%, and cold crushing strength 10-15 kg./sq. cm. The products can be used up to 1200°. Ceramic or acid-resisting stainless-steel molds with ceramic bottoms (which absorb water) are the most effective. The final products should be smaller than 400 mm. with a thickness <200 mm.

F. J. Hendel