

PUBLISHED

Wetern, Veterinarna Vsesoyuznaya, Vol. 18, No. 4, April 1962.

FR/AL/BR/ER

32

- 8. "Determination of the Global Artificial Radioactivity: Beta in the Smegma of the Gland for Hygiene of 1960." Marina G. Kozlova, Kseniya G. Zvereva, Mikhail P. Zverev, Faculty of Veterinary Science at Sverdlovsk State University of Veterinary Science at 570V (English summary). Prof. Dr. Jan HAY; pp 212-215
- 9. "The Polish Portable Trichinoscope 'N. Tr.' for Field Work." Wolaw KATYSIUKI; p 216.
- 10. "Selected Problems of Diseases of Calves." Marian WISLOCKI; pp 216-219.
- 11. "A Case of Parturient Paralysis in a Cow in the Eighth Month of Pregnancy." Jan EDYZYLOSKI; pp 219-220.
- 12. "Two Cases of Corynebacteriosis bovis." Antoni CHOLEWA HOZJINSKI of the P.L.Z. (Penslowy Zaklad Leczenia dla Zwierzat, State Animal Hospital) at Mlonski; p 220.
- 13. "Parasitologic Grit in a Dog." Ryszard DAWIDA and Stanislaw RICHALSKI of the Chair of Surgery (Katedra Chirurgii) of the Faculty of Veterinary Science at the Higher School of Agriculture (VSR) at Wroclaw (Director: Decent Dr. Ryszard DAWIDA) and of the Chair of Pathological Anatomy (Katedra Anatomi Patologicznej) of the Faculty of Veterinary Science at the VSR at Wroclaw (Director: Prof. Dr. Aleksander ZARZYSKI); pp 221-222.
- 14. "Insamiation in 70d." Panolska OLBRYCHOWA; pp 222-227.
- 15. "Effect of Gonadotri on the Sexual Cycle of Female Mares." Genrikh I. Aleksandrovskii, Z. Gladitskii, G. Kuznetsov, V. Kozlov, V. Ogor, A. Ruzhitskiy, I. Ruzhitskiy, S. Yevanovskiy, I. Vilkov, and I. Zhuravskiy - members of the Faculty of Veterinary Medicine and members of the Science Club (Klub Nauchnykh i Nauchno-issledovatel'skikh Polozheniya) of the VSR at Wroclaw (Director: Prof. Dr. A. Smirnov); pp 227-229.
- 16. "Attempts to Feed Horses with Surrogates." Zdenek Hejlicek; pp 229-232.

2/3

FUCZEK, O,

Use of Soviet experience in rolling with minimum tolerance in the V. K. Molotov  
Ironworks.

p. 343 (Hutník, Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia)

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

PUCZKO, M.

POLAND / Chemical Technology. Chemical Products and Their  
Application. (Part 1) Conditioning of Water. Waste Water. H

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 35325

Author : Puczko, Mikolaj; Borejko, Witold  
Inst : Electrotechnical Institute  
Title : Salinometer for Determination of the Salt Content of  
the Condensate and Distillate

Orig Pub : Prace Inst. elektrotechn., 1958, 7, No 21, 130-139

Abstract : The construction of a salinometer developed by the  
Electrotechnical Institute (Warsaw) is described. The  
range of measurements of the device is from 0 to 10 and  
from 0 to 50 mg/l of NaCl. The feeder of the device  
is either mounted on the piping system or in a separate  
casing. The measuring system represents an unbalanced  
bridge of alternating current with semiconductive recti-  
fiers connected in series. The apparatus has devices

Card 1/2

H-11

FUCZKO, Nikolaj, doc. inż.

Salt meters for industrial purposes. Przegl elektrotechn  
38 no.5:218-220. '62.

1. Zakład Automatyki i Mierbicwa Elektrycznego, Instytut Elektro-  
techniki, Warszawa.

PUCZYNSKI, Kazimierz, mgr inz.

Walerian Kujawa; obituary. Gosp wodna 23 no.3:124 Mr '63.

PUCZYNSKI, Kazimierz, mgr inż.

Economic development of the central course of the Ingur River in  
Georgia. Gosp wodna 22 no.12:549-552 D '62.

PUCZYNSKI, Kazimierz, mgr. inż.

Activities of the Water Economy Board. Gosp wodna 22  
no.4:158-159 Ap '62.

PUCZYNSKI, K.

PUCZYNSKI, K; CHUDZYNSKI, M.

"Drainage of the foundations of constructions." p. 142  
(Gospodarka Wodna, Vol 13 No 4 Apr 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl



Puczynski, K.; Chudzynski, M.

An interview with E. Czetwertynski, acting chairman of the Water Management Committee of the Polish Academy of Sciences. p. 93

GOSPODARKA WODNA. Warszawa, Poland. Vol. 18, no. 3, 1958

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

PUCZYNSKI, K.

"Directives of the technical education of water-supply engineers." p. 5  
(Gospodarka Wodna, Vol 13 No 1 Jan 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

PTA

10

1224

028.111

Puczynski K. **The Sinking of Reinforced Concrete Units (Retention and Sedimentation Tanks etc.) below Subsoil Waters.**

„Zapuszczanie żelbetowych konstrukcji (zbiorników, osadników itp.) poniżej wody gruntowej”. *Gospodarka Wodna*, No. 4—5, 1951, pp 169—173, 5 figs.

Detailed review of a number of typical instances of sinking tanks in soil containing underground waters. The units in such instances are prefabricated, either in parts or complete (without bottom), in the excavation above the subsoil waters and then sunk to below the subsoil water level. Next follow the successive stages of completing the upper structural parts above the water line, and the setting of the complete unit in concrete below the water line represents the final phase of the work. Methods of sinking the tanks. It is essential in view of the extensive scope of work envisaged by the Six-Year Plan, to complete as early as possible the designs of types adapted to certain of the more typical conditions prevalent at working sites.

CA

31

The kinetics of polycondensation of resolic resins.  
Manuel N. Fineman and Ira E. Puddington. *Chemie*  
(Prague) 3, 127-31(1948); cf. *C.I.* 42, 407b.  
Frank Maresh

L 18489-63 EWT(1)/EWG(k)/BDS/ES(w)-2 AFPTC/ASD/ESD-3/AFWL/SSD/  
IJP(C) Pz-4/P1-4/Po-4/Pab-4 AT S/0056/63/045/003/0647/0655  
ACCESSION NR: AP3007087

AUTHOR: Galeyev, A. A.; Pudakov, L. I.

70  
68

TITLE: Nonlinear theory of drift instability of inhomogeneous plasma in a magnetic field

SOURCE: Zh. eksper. i teoret. fiziki, v. 45, no. 3, 1963, 647-655

TOPIC TAGS: plasma drift instability, turbulent diffusion coefficient, plasma escape, plasma instability, turbulent plasma, inhomogeneous plasma, magnetic field confined plasma

ABSTRACT: A weakly turbulent plasma, with turbulence due to the essential instability of inhomogeneous plasma, has been investigated. In an unstable plasma the level of electric-field fluctuations can exceed the thermal background, thus causing an increase in plasma flow across the confining magnetic field. The boundary instability of plasma confined by a magnetic field rapidly damps out, if collisions between particles can be neglected. Otherwise, a tendency toward an unstable Maxwell distribution of velocities

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ACCESSION NR: AP3007087

2  
arises. The qualitative evaluation of this phenomenon was based on the instability increment obtained from the linear theory of the Maxwell distribution function for electrons. A stationary spectrum of oscillations was calculated from the kinetic equation for waves. By means of this spectrum the turbulent flow of plasma across the confining magnetic field was evaluated. Although the computed turbulent diffusion coefficient was found to be greater than the classical value for this coefficient, it is nevertheless small in comparison with the Bohm coefficient. "In conclusion the authors express their sincere gratitude to R. Z. Sagdeev for fruitful discussion and remarks." Orig. art. has: 27 formulas.

ASSOCIATION: Novosibirskiy gosudarstvennyy universitet  
(Novosibirsk State University)

SUBMITTED: 28Feb63

DATE ACQ: 08Oct63

ENCL: 00

SUB CODE: PH

NO REF SOV: 005

OTHER: 002

Card 2/2

FUDALOV, A.

That is called creative activity. NTO 6 no.6:32-34 Je '64.

(MIRA 17:8)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tehnicheskiye  
obshchestva SSSR".

LAVEROV, N.P.; TARASHCHAN, A.N.; VIASOV, Ye.P.; PUDAN, G.F.

Use of thermoluminescence for determining the relative age of  
granitoids. Geol.rud.mestorozh. no.6:91-101 N-D '61.

(MIRA 14:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimii AN SSSR.

(Rocks)

(Geological time)

(Luminescence)



39989

S/035/62/000/008/001/090  
A001/A101

3.1420

AUTHORS: Shteyns, K. A., Pudane, M. P.

TITLE: Determining the average change in the inverse magnitude of major semi-axis of a comet orbit due to perturbations by planets

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 9, abstract SA90 ("Uch. zap. Latv. un-t", 1961, v. 41, 103 - 106, Latvian summary)

TEXT: In the theory of diffusion of almost parabolic comets, the magnitude of the following quantity should be known:

$$D = \left[ \frac{1}{2} \int_{-\infty}^{+\infty} \varphi(\delta) \delta^2 d\delta \right]^{-1} = \left[ \frac{1}{2} \delta^2 \right]^{-1},$$

where  $\varphi(\delta)d\delta$  is probability of changing of the major semi-axis inverse magnitude, due to planetary perturbations, by a magnitude being within the limits from  $\delta$  to  $\delta + d\delta$ . Various authors have calculated planetary perturbations in the range  $v$  ( $-180^\circ$ ;  $+180^\circ$ ) for 16 comets. The results of these calculations corroborate

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Determining the average change in the...

S/035/62/000/008/001/099  
A001/A101

ted Oort's hypothesis that function  $\varphi(\delta)$  satisfies the normal distribution law.  
There are 5 references

S. Makover ✓

[Abstracter's note: Complete translation]

Card 2/2

DELOFF, L.; PUDELSKI, J.

Sensitivity to tuberculin & to BCG test in patients treated with anti-microbial drugs. Gruzlica 26 no.8:641-654 Aug 58.

1. Z Kliniki Ftyzjatrycznej Slaskiej A. M. Kierownik: prof. dr. L. Deloff.  
Adres: Klinika Ftyzjatryczna Sl. Am.

(TUBERCULOSIS, ther.

antibiotics & chemother., eff. on BCG test & tuberculin sensitivity (Pol))

(BCG VACCINATION

sensitivity, eff. of antibiotics & chemother. in tuberc. patients (Pol))

(TUBERCULIN REACTION

eff. of antibiotics & chemother. on sensitivity in tuberc. patients (Pol))

PUDELSKI, Jozef

Role of bronchspirometry in respiratory function tests.  
Pol. tyg. lek. 18 no.37:1373-1377 9 S '63.

1. Z Kliniki Ftyzjatrycznej Sl. AM w Zabrze; kierownik: prof.  
dr med. Leonard Deloff.

(SPIROMETRY)

PUDELSKI, Jozef

Respiratory function in patients with malignant pulmonary tumors. Pol. tyg. lek. 18 no.17:585-588 22 Ap '63.

1. Z Kliniki Ftyzjatrycznej Sl. AM w Zabrze; kierownik prof. dr med. Leonard Deloff.

(LUNG NEOPLASMS) (RESPIRATORY FUNCTION TESTS)

POLAND

PUBELSKI, Jozef, Phthisiatric Clinic (Klinika Ftyzjatryczna),  
Silesian Medical Academy (Slaska Akademia Medyczna, Silesian Medical Academy)  
in Zabrze (Director: Prof. Dr. med. Leonard DELOFF)

"Role of Bronchspirometry in Evaluating Function of the  
Respiratory Tract."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 37, 9 Sep 63,  
pp 1373-1377

Abstract: [Author's English summary modified] Author, who  
has been making bronchspirometric studies for 6 years, dis-  
cusses the method and finds it invaluable for disclosure of  
otherwise undetected damage to each lung, determination of  
extent of ventilation and oxygen absorption in it, determin-  
ation of advisability or scope of proposed pulmonary opera-  
tion when both lungs are affected, and for follow-up of ef-  
fect and detection of emphysema of remaining parenchyma  
following operations. There are 25 references: 8 Polish  
and 17 Western.

1/1

11

PUDELSKI, Jozef

A bloodless method in the determination of partial carbon dioxide pressure in mixed venous and arterial blood. Gruzlica 31 no.9:965-972 '63.

1. Z Kliniki Ftizjatrycznej Slaskiej AM w Zabrze Kierownik:  
prof. dr med. L. Deloff.

(RESPIRATORY FUNCTION TESTS)  
(CARBON DIOXIDE) (BLOOD GAS ANALYSIS)  
(MANOMETRY)

DELOFF, Leonard; PUDELSKI, Jozef

The effort test in the evaluation of the respiratory and circulatory system. Pol. tyg. lek. 18 no.34:1256-1260 I9 Ag '63.

1. Z Kliniki Chorob Plucnych Sl. AM w Zabrze; kierownik: prof. dr med. Leonard Deloff.

(EXERTION) (RESPIRATORY FUNCTION TESTS)  
(CARDIOVASCULAR SYSTEM) (PHYSIOLOGY)



WOLANSKI, Adam; PUDELSKI, Jozef; PALIWODA, Tadeusz

Contribution to the pathogenesis of respiratory insufficiency in excessive obesity. Pol. arch. med. wewn. 32 no.9:1183-1188 '62.

1. Z I Kliniki Chorob Wewnętrznych Sl. AM w Katowicach Kierownik: prof. dr med. J. Japa z Kliniki Ftyzjatrycznej Sl. AM w Katowicach Kierownik: prof. dr med. L. Deloff i z I Kliniki Chirurgicznej Sl. AM w Katowicach Kierownik: prof. dr med. S. Szyszko.  
(OBESITY) (RESPIRATORY INSUFFICIENCY)

L 26573-66 EWT(m)/EWP(j) RM/WW

ACC NR: AP6016976

SOURCE CODE: UR/0020/65/165/003/0582/0585

AUTHOR: Ptitsyna, O. A.; Pudeyeva, M. Ye.; Reutov, O. A. (Academician)

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Reactions between triphenylphosphine and fluoborides of nonsymmetrical diaryliodonium salts

SOURCE: AN SSSR. Doklady, v. 165, no. 3, 1965, 582-585

TOPIC TAGS: chromatography, organic phosphorus compound, photochemistry, boron compound, fluorinated organic compound

ABSTRACT: Fluoborides of nonsymmetrical diaryliodonium salts: m-nitrophenyl-phenyliodonium, p-anisylphenyliodonium, p-anisyl-m-nitrophenyliodonium, m-carbethoxyphenyl-phenyliodonium, o-nitrophenyl-phenyliodonium, and p-chlorophenyl-phenyliodonium salts, were reacted with triphenylphosphine in acetone for six to eight hours at 1:1 ratios of the initial reagents. After the reaction, the acetone was evaporated, and the residue repeatedly washed with ether to remove aryl iodides and unreacted triphenylphosphine. Then the tetraarylphosphonium fluoborides were separated from the diaryliodonium fluoboride by thin-layer chromatography. A substantial influence of polar factors was observed in the photochemical reaction between diaryliodonium fluoborides and triphenylphosphine: in most cases phosphonium salts were obtained only with the more electron acceptor substituent. Only in the decomposition of the p-chlorophenyl-phenyliodonium salt, in which the radicals are close in electronegativity, are the phosphonium salts obtained in almost equivalent amounts. The data obtained

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L 26573-66

ACC NR: AP6016976

are in good agreement with the previously proposed chain radical mechanism. The thermal reaction between triphenylphosphine and  $\text{ArAr'IBF}_4$  (m-nitrophenyl-phenyliodonium, p-anisyl-phenyliodonium, p-anisyl-m-nitrophenyliodonium, and m-carboxyphenyl-phenyliodonium fluoborides) was investigated for comparison (heating at  $97^\circ$  in darkness for 10 hours in the presence of n-propanol). The data of the thermal reaction and those of the photochemical reaction between triphenylphosphine and diaryliodonium salts are practically the same. In both cases the radical with more electron-acceptor substituent is predominately (or exclusively) transferred to triphenylphosphine. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 15May65 / ORIG REF: 002 / OTH REF: 004

Card 2/2 *So*

I. 17628-66 EWT(m)/EWP(j)/T/ETC(m)-6 DS/WJ/RH  
ACC NR: AP6001729 SOURCE CODE: UR/0020/65/165/001/0838/0841

AUTHORS: Ptitsyna, O. A.; Pudeyeva, M. Ye.; Reutov, O. A. (Academician)

ORG: Moscow State University in. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Investigation of the photochemical reaction between triphenylphosphine and iodonium diphenylfluoboride

SOURCE: AN SSSR. Doklady, v. 165, no. 4, 1965, 838-841

TOPIC TAGS: chemical kinetics, solution kinetics, oxidation kinetics, chemical reaction kinetics, photochemistry, mercury lamp

ABSTRACT: The mechanism of the photochemical reaction between triphenylphosphine and iodonium diphenylfluoboride was investigated. The investigation is an extension of previously published work of O. A. Ptitsyna, M. F. Turchinskiy i dr. (Izv. AN SSSR, OKhN, 1963, 1527). The effect of various solvents and reagent mixture ratios on the product yield was determined. The radiation source in all experiments was a mercury lamp PRK-4. A reaction mechanism is proposed. Orig. art. has: 2 tables and 9 equations.

SUB CODE: 07/  
F12  
Card 1/1

SUBM DATE: 15 May 65

ORIG REF: 004/

OTH REF: 001

UDC: 547.539.4+547.558.1

PUDDU, Vittorio; MASINI, Vincenzo; BIFFANI, Giorgio

Clinical development and prognosis of infarction of the posterior wall of the myocardium in the electrocardiographic picture. Cas. lek. cesk 100 no. 41:1289-1291 13 0 '61.

1. Service de Cardiologie "A Cesalpino" des Hopitaux de Rome.

(MYOCARDIAL INFARCT physiol) (ELECTROCARDIOGRAPHY)

PUDDUBNE, V.

65 a-1

Photo-electric conduction in rock-salt crystals under ultra-violet illumination. P. TABTAKOVSKI and V. PODBUNNI (Physikal. Z. Sovietunion, 1936, 9, 407-412; cf. A., 1936, 137).—The depolarisation current has been investigated of an NaCl crystal containing *U* centres and polarised by illumination by an Al spark. After the depolarisation current in ultra-violet light has fallen to a small val. a large current is again observed on illumination with visible light. The depolarisation current with visible light shows max. at 4550 and 4750 Å. It is deduced that the electrons forming the space charge are bound in two levels, the higher of which coincides with the *I'* level. O. D. S.

MBC a-1

Photo-electric elasticity limit of photochemically coloured rock-salt crystals. M. N. PODA-

PUDELSKI, Jozef; OKLEK, Kazimierz

Lowered pulmonary function consecutive to resection of the lung tissue. Gruzlica 28 no.11:873-885 N '60.

1. Z Kliniki Ftyzjatrycznej Sl.A.M. w Zabrze, Kierownik Kliniki:  
prof. dr med. L.Deloff.  
(PNEUMONECTOMY)

PUDDUBN'YI, V.

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									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS  
3E4

Internal photoeffect in deformed crystals due to ultra-violet irradiation. N. G. Goring and V. Poddubn'yi. *J. Expt. Theoret. Phys. (U. S. S. R.)* 9, 30, 8(1939). From their expt. data, G. and P. conclude that in deformed crystals the electrons are held more firmly not only in the  $F$  and  $F'$  but also in the deeper  $U'$  levels. The  $U'$ , like the  $F'$  level, seems to be related to a destruction of the crystal lattice. The greater the crystal deformation, the stronger is the increase of the reverse photocurrent under the action of ultraviolet irradiation. Cf. also Poddubn'yi, *C. A.* 33, 4860, 5287<sup>2,4</sup>; Fedenev, *C. A.* 33, 5287<sup>2</sup>. F. H. Rathmann



PUDELEWECZ, ALEKSANDRA

Category : POLAND/Magnetism - General Problems

F-1

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4006

Author : Labek, Janusz; Pudelewecz, Aleksandra  
Title : Magnetic Sound Recording

Orig Pub : Wladom. telekomun., 1954, 23, No 4, 74-81

Abstract : No abstract

Card 1/2

PUDELEWICZ, A.; LUBEK, J.

"Magnetic Sound Registration." P. 74. (WIADOMOSCI TELEKOMUNIKACYJNE, Vol. 23,  
No. 4, Apr. 1954, Warszawa, Poland)

SO; Monthly List of East European Accessions. (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955 Uncl.

PUDELEWICZ, MILECZYSLAW.

Matematyka wyzsza dla szkol inzynierskich. Poznan, Nakl. Panstwowego  
Wydawn. Naukowego, 1951. v. (1) [Higher mathematics for schools of engineering.  
Part 1. Differential calculus and supplement to elementary mathematics. Diagr.]

SO: Monthly List of East European Accessions, Vol <sup>2</sup> <sup>9</sup> ~~X~~ No ~~X~~ Library of Congress <sup>Sept 53</sup> ~~EB006X~~ Uncl

PUDELKO, J.

"Improving the Exchange Of Packings In A Hydraulic Press" p. 53. (Przegląd, Papierniczy,  
Vol. 9, no. 2, Feb. 1953, Lodz)

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

EXCERPTA MEDICA Sec.15 Vol.10/3 Chest Disease Mar57

800. PUDELSKI J. \*Wyniki skojarzonego leczenia przeciwprątkowego chorych z jamistą gruźlicą płuc. Results of combined antimicrobial therapy in patients with cavernous pulmonary tb GRUŻ-LICA 1956, 24/6 (461-472) Tables 12

147 tuberculous patients with cavernous pulmonary tb have been treated with antimicrobial agents in the tuberculosis hospital of the Slask Medical College. Group I was given INH combined with streptomycin, group II was given INH combined with PAS, both within 3 to 7 months. The combination INH + PAS yielded better results than INH + streptomycin as to general symptoms. Sputum conversion did not differ in both groups: it was obtained in 78% of the patients with recent lesions, and in 50% of

800

CONT

the patients with the long-standing lesions, on the average in 70%. Radiological improvement was similar in both groups. The percentage of radiological improvement was much higher in recent lesions than in the old ones, regardless of the therapeutic regimen. In both groups, the percentage of radiological improvement in recent lesions was as follows: marked improvement: 40% of the cases; considerable improvement: 27%; slight improvement: 19%; no improvement: 14%. In the treatment of long-standing lesions, marked radiological improvement was obtained in 9% of the cases; considerable improvement in 9%; slight improvement in 44%, and no improvement in 38% of the cases. The highest percentage of radiological improvement was reached after the first 3 months of treatment. Closure of cavity, as seen on radiograms, was related to its character, time of duration and size. The therapeutic regimen had no influence here, while the duration of cavity before treatment had a considerable influence on its closure; reced cavities (up to 2 yr. ) in both groups closed in 40% of the cases, and decreased considerably in 27% of the cases. In 33% of the cases there was no change in the size of the cavity. Long-standing cavities did not close in 26 cases, they decreased considerably in 3 cases, and closed in 3 cases. Good results obtained in hospitalized cases with recent lesions treated with antimicrobial agents emphasize the importance of early diagnosis and prompt treatment. According to the experience of this hospital, in the majority of cases the decision as to surgical treatment should not be undertaken before the first four months of antimicrobial therapy, conducted either in sanatorium or in hospital.

PUDELSKI, Jan

Functional disorders of the respiratory system in pulmonary sarcoidosis chronic interstitial pulmonary fibrosis. Gruzlica 32 no.7:501-510 Je '64.

1. Z Kliniki Ftizjatrycznej Slaskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr med. L. Deloff).

DELOFF, Leonard; PUDELSKI, Jozef

Functional disorders of certain organs in pulmonary tuberculosis.  
Gruzlica 29 no.4:313-334 Ap '61.

1. Z Kliniki Chorob Płucnych Śląskiej AM w Zabrze Kierownik: prof.  
dr med. L. Deloff.

(TUBERCULOSIS PULMONARY compl)



PUDELSKI, Jozef

Results of associated chemical therapy of cavitory pulmonary tuberculosis. Gruzlica 24 no.6:461-472 June 56.

1. Z Kliniki Ftyzjatrycznej Slaskiej A.M. Kierownik: prof. dr.  
L. Deloff, Zabrze-Biskupice, ul. Koziolka 1.  
(TUBERCULOSIS, PULMONARY, pathology,  
cavitation, ther., assoc. chem. methods (K01))

*PUDELSKI, Jozef*  
DELOFF, Leonard; PUDELSKI, Jozef

Therapeutic value of artificial pneumothorax in the era  
of antituberculosis drugs. Polski tygod. lek. 12 no.2:  
66-71 7 Jan 57.

1. (Z Kliniki Ftyzjatrycznej Sl. Ak. Med. w Zabrze; kierownik:  
prof. dr. L. Deloff). Adress: Zabrze, Dworcowa 9.

(PNEUMOTHORAX, ARTIFICIAL  
comparison with chemother. in pulm. tuberc. (Pol))  
(TUBERCULOSIS, PULMONARY, ther.  
chemother., comparison with artif. pneumothorax (Pol))

POLAND

RUDELSKI, Jozef, Phthisiatric Clinic (Klinika Ftyzjatryczna),  
Sl. AM [Slaska Akademia Medyczna, Silesian Medical Academy]  
in Zabrze (Director: Prof. Dr. med. Leonard DELOFF)

"Function of the Respiratory Tract in Patients with Malignant Tumors of the Lungs."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 17, 22 Apr 63,  
pp 585-588.

Abstract: [Author's English summary modified] The function of the respiratory tract in patients with pulmonary cancer was studied by means of both spiographic and bronchspirometric tests. Whereas in cases of central cancer with no changes of the lungs general examinations showed normal values, bronchspirometric tests revealed defective function of the damaged lung, proportional to the degree of constriction of the bronchus and extent of the tumor. Marked malfunction was noted in pulmonary cancer patients with coexisting emphysema and bronchitis, as well as in cases of generalized pulmonary cancer. Author finds bronchspirometric tests most useful for the purpose. There is one Russian and nine Western references.

1/1

SZYSZKO, Stanislaw; DOBROWOLSKI, Josef; FUDELSKI, Jozef

Functional restoration of the lung following traumatic rupture  
of the main bronchus treated surgically. Pol. tyg. lek. 19  
no.32:1245-1246 10 Ag '64.

1. Z I Kliniki Chirurgicznej Slaskiej Akademii Medycznej w  
Zabrze (kierownik: Kliniki: prof. dr Stanislaw Szyszko).

POLAND

DELOFF, Leonard and ~~RUDELSKI~~, Jozef, Clinic of Pulmonary Diseases (Klinika Chorob Plucnych), Sl.AM [Slaska Akademia Medyczna, Silesian Medical Academy] in Zabrze (Director: Prof. Dr. med. Leonard DELOFF)

"Exertion Tests in Evaluation of the Circulatory-Respiratory System."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 34, 19 Aug 63, pp 1256-1260

Abstract: [Authors' English summary modified] Latent circulatory-respiratory failure is better detected following exertion than at rest. The authors describe the procedure employed at their clinic and report on the findings in five cases. There are six (6) Western references.

1/1

DELOFF, Leonard; PUDELSKI, Jozef

Our modification of the effort step test as a simple method for the evaluation of cardio-respiratory function. Gruzlica 29 no.8: 685-697 Ag '61.

1. Z Kliniki Chorob Plucnych Slaskiej AM Kierownik: prof. dr med.  
L. Deloff.

(RESPIRATION physiol)  
(CARDIOVASCULAR SYSTEM physiol)

PUDELSKI, Jozef

Determination of the residual volume by means of a bronchospirometric method. Evaluation of an original method. Gruzlica 28 no.1:29-40 Ja '60.

1. Z Kliniki Ftyzjatrycznej Slaskiej A.M. w Zabrze. Kierownik: prof.dr L. Deloff.  
(SPIROMETRY)

PUDELSKI, Jozef

Effect of implantation of crystalline testosterone into the testes  
on the testis and on the adrenal cortex in white rats. Pol. biol.  
1 no.4:254-264 1953.

1. Zaklad Biologii Akademii Medycznej w Krakowie.

(TESTOSTERONE, effects,

\*on adrenal cortex & testes in white rat, implantation  
into testes)

(ADRENAL CORTEX, effect of drugs on,

\*testosterone, implantation into testes in white rats)

(TESTES, effect of drugs on,

\*testosterone, implantation into testes in white rats)



DELOFF, Leonard; NIEPOLOMSKI, Witold; PUDELSKI, Jozef

A case of alveolar cancer of the lung (pulmonary alveolar or bronchiolar carcinoma). Polski tygod. lek. 16 no.48:1864-1868 27 N '61.

1. Z Kliniki Ftyzjatrycznej Sl. A.M. w Zabrze; kierownik: prof. dr L. Deloff i Zakładu Anatomii Patologicznej Sl. A.M.; kierownik: prof. dr W. Niepolomski.

(CARCINOMA BRONCHIOLAR case reports)

ROMANENKO, I.N., prof.; CHAYKOVSKIY, A.F. [Chaikovs'kyi, A.F.], kand. ekon. nauk; MEL'NIK, O.K. [Mel'nyk, O.K.], st. nauchnyy sotr.; USTINOVSKAYA, L.T. [Ustynovs'ka, L.T.], kand. sel'khoz. nauk; SERIDKO, A.M., kand. biol. nauk; ZHADAN, I.I., kand. sel'khoz. nauk; SEREDENKO, B.M., kand. tekhn. nauk; NIZHNIY, M.I., kand. ekon. nauk; OBZHEL'YANSKIY, S.Ya. [Obzhelians'kyi, S.IA.], kand. ekon. nauk; PUDENKO, G.I. [Pudenko, H.I.]; LYSYY, Yu.B. [Lysyi, IU.B.], red.; POTOTSKAYA, L.A. [Pototska, L.A.], tekhn. red.

[Intensified specialization of farm production within a district as exemplified by Khorol District, Poltava Province]. Ukrains'kyl naukovo-doslidnyi instytut ekonomiky i organizatsii sil's'koho hospodarstva. Vnutriraionna pohlyblena spetsializatsiia sil's'kohospodars'koho vyrobnytstva; na prykladi Khorol's'koho raionu, Poltavs'koi oblasti. Kyiv, Vyd-vo UASHN, 1962. 222 p.

1. Kiev. Ukrains'ka Akademiya sil'skohospodars'kykh nauk. (MIRA 16:5)
2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Romanenko).
3. Nachal'nik Khorol'skogo teritorial'nogo proizvodstvennogo kolkhozno-sovkhoznogo upravleniya, Poltavskaya oblast' (for Pudenko). (Khorol District--Agriculture)

ПУДЕНКО, К. Ф.

20759. Пуденко, К. Ф., и Финкин, В. Ф. Автоматический прибор для предохранения кранов от опрокидывания. Механизация трудоемких и тяжелых работ, 1949, No. 6, s. 35-38.

SO: LETA IS JURNAL SPATEY - Vol. 28, Moskva, 1949.

*PUDENKO, T.I.*

Category : USSR/Nuclear Physics .. Nuclear Engineering and Power C-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6152

Author : Fomin, V.V., Korushova, F.Ye., ~~Fudenko, T.I.~~  
Title : Decomposition of Plutonium Oxalates under the Action of  
Their Own -Radiation

Orig Pub : Atom. energiya, 1956, No 3, 117-121

Abstract : No abstract

Card : 1/1

PUDERECKI, Feliks, mgr inż.

Observations of the operation of railway traffic safety  
installation under winter conditions. Pt.2. Przegl kolej  
elektrotech 10 [i.e.15] no.11:305-307 N'63.

PUDERECKI, Feliks, mgr inz.

Observations on the operation of the signaling arrangements in winter  
conditiors. Pt.1. Przegl kolej elektrotech 10 [i.e. 15] no.10:  
278-283 0 '63.

PUDERECKI, Feliks, mgr. inz.

Electric insulation of concrete crossties of the INBK3 and  
INBK4a type. Przegl kolej drog 14 no.4:68-76 Ap '62.

FUDEVKEIN I. M.

I. M. Fedevkein

The Application of Heiman's Problem to the Solution of Several  
Questions of Applied Geomagnetism

Leningrad Sci. Research Inst. of The Terrestrial Magnetism  
Vol. 15, No. 5, 1950, pp. 52-88

From: Monthly list of Russian Accessions  
December 1951, Vol. 4, No. 9, p. 30



PTITSYNA, O.A.; PUDEYEVA, M.Ye.; BEL'KEVICH, N.A.; REUTOV, O.A., akademik

Photochemical reaction of triphenylphosphine arylation by diaryl  
iodonium fluoborides. Dokl. AN SSSR 163 no.2:383-385 J1 '65.

(MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet.

PRITSYNA, G.I.; PUDEKINA, N.Ye.; ERUTOV, O.A., akademik

Reactions between triphenylphosphine and Zrborides of  
asymmetric salts of diaryl azonium. Dokl. AN SSSR 195 no.3:  
582-585 N 165. (NINA 18:11)

1. Moskovskiy gosudarstvennyy universitet.

PTITSYNA, G.A.; PUBEYEVA, M.Ye.; REYDIN, G.A., akademik

Photochemical reaction between triphenylphosphine and diphenyl  
iodonium fluoroborate. Dokl. AN SSSR 235 no.4:838-841 D 195.  
(MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.

L 06533-67 EWT(m)/EWP(j) RM

ACC NR: AP7000493

SOURCE CODE: UR/0020/66/168/003/0595/0598

PTITSYNA, O. A., PUDEYEVA, M. Ye., REUTOV, O. A., (Academician) Moscow State University ineni M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

"Thermal Reaction between Triphenyl Phosphine and Diphenyliodonium Fluoroboride"

Moscow, Doklady Akademii Nauk SSSR, Vol 168, No 3, 1966, pp 595-598

Abstract: A radical mechanism is proposed for the homolytic decomposition of diphenyliodonium fluoroboride in the reaction with nucleophilic reagents. The applicability of this mechanism to the formation of tetraphenylphosphonium fluoroboride during heating of triphenyl phosphine with tetraphenyliodonium fluoroboride was verified. The reaction conditions were varied to conduct each of the two processes, photochemical and thermal, separately. Approximately 50% yields were obtained for the separate reactions, as compared with a 90% yield for the reaction under normal conditions of the Makarova-Nesmeyanov reaction. The thermal and photochemical reactions were found to proceed according to a radical chain mechanism, not a heterolytic mechanism. In both of the separate reactions, the diphenyliodonium salt decomposes entirely, although tetraphenylphosphonium fluoroboride is obtained in only an approximately 50% yield. There is consequently a substantial "useless" decomposition of the diphenyliodonium salt, evidently due to a side reaction leading to benzene formation. Orig. art. has: 1 formula and 1 table. [JPRS: 37,023]

TOPIC TAGS: chemical decomposition, organic phosphorus compound

SUB CODE: 07 / SUBM DATE: 28Oct65 / ORIG REF: 003

Card 1/1 *eqz*

UDC: 547.539.4 + 547.558.1

1  
31  
B

L 06513-67 EWT(m)/EWP(j) RM  
ACC NR: AP7000479 SOURCE CODE: UR/0079/66/036/006/1113/1118

AUTHOR: Pudovik, A. N.; Sudakova, T. M.

ORG: Kazan' State University im. V. I. Ul'yanov-Lenin (Kazanskiy gosudarstvennyy universitet)

TITLE: Reactivity of incomplete esters of phosphorus acids in reactions of addition to acrylonitrile

SOURCE: Zhurnal obshchey khimii, v. 36, no. 6, 1966, 1113-1118

TOPIC TAGS: acrylonitrile, organic phosphorus compound

ABSTRACT: The comparative reactivities of a number of phosphorus-containing reagents with a labile hydrogen atom: dialkylphosphorous and dialkylthiophosphorous acids, incomplete esters of phosphorous acids, diethyldithiophosphoric acid, cyanophosphonemethane, and phosphoneacetic ester were investigated in the reactions of addition to acrylonitrile. Two methods of investigation were used: the method of "competitive" addition and the construction of kinetic curves, reflecting the dependence of the degree of completion of the reaction upon the time. In the first method, acrylonitrile and two of the phosphorus-containing components tested were brought together in equimolar ratios in the absence of a solvent, using a saturated solution of sodium ethylate in anhydrous alcohol as the catalyst. On completion of the reactions, the reaction mixtures were distilled under vacuum, and the amounts of addition products formed were determined. Kinetic curves of the reactions with acrylonitrile were taken in ter-butanol:dioxane (10:1) solution at constant temperature,

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UDC: 547.26'118  
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L 06513-67

ACC NR: AP7000479

0

with potassium ter-butylate as the catalyst. The reaction was monitored by determining the unreacted acid or unreacted acrylonitrile. The following order of decreasing reactivity of dialkylphosphorous acids in addition to acrylonitrile was determined:  $(\text{CH}_3\text{O})_2\text{POH} > (\text{C}_2\text{H}_5\text{O})_2\text{POH} > (\text{n-C}_3\text{H}_7\text{O})_2\text{POH} > (\text{iso-C}_3\text{H}_7\text{O})_2\text{POH} > (\text{n-C}_4\text{H}_9\text{O})_2\text{POH} > (\text{iso-C}_4\text{H}_9\text{O})_2\text{POH}$ , indicating a substantial influence of the steric factor, shielding of the phosphorus atom, leading to a decrease in its reactivity. A further investigation with various types of incomplete esters of phosphorus atoms, containing only ethyl radicals, eliminated the influence of steric factors. Diethylthiophosphorous acid was found to be the most reactive, followed by the ethyl ester of ethylphosphinous acid, diethylphosphorous acid, and finally di-(beta-chloroethyl)phosphorous acid. The reactivity of these acid esters was determined by the basicity of the trivalent phosphorus atom, in turn directly dependent upon the inductive influence of the groups surrounding it. Orig. art. has: 4 figures and 1 table. [JPRS: 37,023]

SUB CODE: 07 / SUBM DATE: 21Jun65 / ORIG REF: 016 / OTH REF: 001

Card 2/2 LS

ACC NR: AP7000746

SOURCE CODE: UR/0079/66/036/005/0951/0951

PUDOVIK, A. N., GAZIZOV, T. Kh., PASHINKIN, A. P., Institute of Organic and Physical Chemistry imeni A. Ye. Arbutov, Academy of Sciences USSR (Institut organicheskoy i fizicheskoy khimii AN SSSR)

27  
B

"Thermal Isomerization of Diethylacetylphosphite"

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 5, 1966, p 951

Abstract: Heating of diethylacetylphosphite at 160-170° for five to six hours resulted in a 50% yield of methyl(diethylphosphone)carbinol acetate. This product was found to be identical to the acetate synthesized from methyl(diethylphosphone)carbinol and acetyl chloride. A two-step reaction mechanism is proposed: when diethylacetylphosphite is heated, it is first isomerized to the diethyl ester of acetophosphinic acid, which then reacts further with diethylacetylphosphite, leading to the formation of the acetate. [JPRS: 37,023]

TOPIC TAGS: isomerization, organic phosphorus compound

SUB CODE: 07 / SUDM DATE: 29Nov65 / ORIG REF: 005

Card 1/1 vmb

UDC: 547.26.118

0423 1976

FUDICH, J.

"Present experiences in introducing the factory intercommunication system in mines and problems derived from them."

Uhli, Praha, Vol 3, No 11, Nov. 1953, p. 305

SI: Eastern European Accessions List, Vol 3, No 10, Oct 1953, Lib. of Congress



PUDICH, Alois, inz.; HORKY, Svatopluk, ins.

Introduction of the complex mechanization by using movable supports in mine galleries. Uhli 5 no.9:301-305 S'63.

1. Sdruzeni Ostravsko-Karvinskych dolu, Ostrava (for Pudich)
2. Vyzkumne pracoviste ekonomiky paliv, Ostrava (for Horky).

TOCHOWICZ, Leon; KROL, Wladyslaw; STYLO, Dzierzykraj; PUDIK, Zbigniew

Upper limits of normal arterial pressure and frequency of hypertension in the Krakow region. Polskie arch. med. wewn. 26 no.4:483-496 1956.

1. Z I Klin. Chorob Wewn. A.M. w Krakowie. Kier. prof. dr. med. L. Tochowicz. I Klinika Chorob Wewn. A.M. w Krakowie ul. Kopernika 17.

(BLOOD PRESSURE,  
upper limit of normal pressure in Poland (Pol))  
(HYPERTENSION, epidemiology,  
in Poland (Pol))

PUDI KOV, D.

Increase control over the use of long-term credits. Fin. SSSR 22  
no.11:45-48 N '61. (MIRA 14:11)

1. Nachal'nik otdela dolgosrochnogo kreditovaniya kapital'nykh  
vlozheniy Stroybanka SSSR.  
(Banks and banking) (Construction industry--Finance)

FUDIKOV, D.

Important factor in the development of local industry. Fin.SSSR  
23 no.11:30-34 N '62. (MIRA 15:12)

(Credit)

PUDIKOV, D.

Group construction is more advantageous and quicker. Sov.  
profsoiuzy 16 no.17:34-35 S '60. (MIRA 13:8)

1. Direktor otdela dolgosrochnogo kreditovaniya kapital'nykh  
vlozheniy stroybanka SSSR.  
(Housing) (Construction industry)

PUDIKOV, D.

Important methods for improving qualifications. Fin.SSSR 20 no.2:  
48-50 F '59. (MIRA 12:4)

1. Nachal'nik otđela kadrov Pravleniya Prombanka SSSR.  
(Finance)

PUDIKOV, D.; FILIMONOV, A.

Solve problems in issuing credit for the construction of private dwellings correctly. Fin. SSSR 21 no.3:67-70 Mr '60.

(MIRA 13:3)

(Housing--Finance)

DELIN, V. F.

MARUSOV, A.Ya., inzhener-podpolkovnik, glavnyy red.; KUDRYAVTSEV, M.K., general-leytenant tekhnicheskikh voysk, otvetstvennyy red.; DEMIN, L.A., inzhener-kontr-admiral, red.; SHCHERBAKOV, A.N., general-mayor, red.; NIKOLAYEV, A.S., polkovnik, red.; KOLOMIYETS, A.D., polkovnik, red.; NAZAROV, P.V., polkovnik, red.; PAROT'KIN, I.V., polkovnik, red.; PUDIKOV, M.P., polkovnik, red.; SISELIN, S.V., polkovnik, red.; BARANOV, M.Kh., inzhener-polkovnik, red.; KOMKOV, A.M., inzhener-polkovnik, red.; SHATUNOV, S.G., inzhener-polkovnik, red.; KOROLEV, V.G., polkovnik, tekhn. red.; LUK'YANOV, B.I., polkovnik, tekhn.red.; ROMANOV, M.K., podpolkovnik, tekhn.red.; IVANOV, V.V., inzhener-podpolkovnik, tekhn.red.; LYUBKOV, A.N., inzhener-podpolkovnik, tekhn.red.; KNYSH, P.N., podpolkovnik tekhnicheskoy sluzhby, tekhn.red.; VASMUT, A.S., kapitan, tekhn. red.; KOSTIN, A.G., tekhn.red.; MAKUKHINA, G.P., tekhn.red.

[World atlas] Atlas mira. Moskva, Voen.izd-vo M-va obor. SSSR, 1958. 459 p. (MIRA 11:5)

1. Russia (1923- U.S.S.R.) Armiya. General'nyy shtab. Voenno-topograficheskoye upravleniye. 2. Tekhnicheskaya redaktsiya Voenno-topograficheskogo upravleniya General'nogo Shtaba (for Korolev, Luk'yanov, Romanov, Ivanov, Lyubkov, Knysh, Vasmut) (Atlases)



PUDIKOV, D.

Answers to questions on issuing credit for housing construction.  
Fin.SSSR 37 no.4:82-83 Ap '63. (MIRA 16:4)  
(Construction industry--Finance)

PUDIKOV, D.

Develop cooperative housing construction. Zhil. stroi. no.1:6 '63.  
(MIRA 16:2)

1. Nachal'nik Otdela dolgosrochnogo kreditovaniya Stroybanka SSSR.  
(Apartment houses, Cooperative)

PUDI KOV, D.

Work with personnel in the Industrial Bank system. Fin. SSSR 15  
no. 10:70-73 0'54. (MLRA 8:2)  
(Bank employees)

PUDI KOV, D.V., inzh.

Effect of the basicity of slag on the desulfuration of metal in the  
oxygen-blown converter smelting process. Stal' 24 no.7:610-611 J1 '64.  
(MIRA 18:1)

PUEIKOV, D.V., inzh.

Assimilation of lime during top oxygen blowing of cast iron.  
Stal' 25 no.3:214-217 Mr '65. (MIRA 18:4)

FUDIKOV, Dmitriy Vsevolodovich; RUBINSKIY, Petr Samoylovich;  
BEL'MAN, Mikhail L'vovich; ZAYKOV, S.T., otv. red.;  
LIBERMAN, S.S., red.izd-va; ANDREYEV, S.P., tekhn. red.

[Operation of steel pouring ladles with rammed lining] Ek-  
sploatatsiia stalerazlivochnykh kovshei s nabivnoi futerov-  
koi. Khar'kov, Metallurgizdat, 1962. 62 p. (MIRA 15:7)  
(Open-hearth furnaces--Equipment and supplies)

PUDIKOV, G.N.

Increasing the production of soda smelting furnaces. Bum.prom.  
30 no.4:21-22 Ap '55. (MLA 8:6)

1. Nachal'nik khimicheskogo tsakha Mariyskogo tsellyulozno-  
bumazhnogo kombinata.  
(Soda Industry)

PUDIKOV, G.N.

Two-stage settling basin. Bum.prom. 29 no.3:28 Mr-Apr '54. (MLRA 7:6)

1. Nachal'nik tsekha regeneratsii Mariyskogo tsellyulozno-bumashnogo kombinata. (Papermaking machinery)



PUDI KOV, G.N.; MUSATOVA, T.I., red.

[New equipment and the technology of the regeneration of sulfite liquors] Novoe oborudovanie i tekhnologiya regeneratsii sul'fatnykh shchelokov. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniki-ekon. issledovaniy po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1964. 52 p. (MIRA 18:5)

1. YANININ, P. M. (ENGINEER): PUDINOV, V. K.
2. USSR (600)
4. Foundations
7. Moving the foundation under a turbogenerator.  
Stroi. prom. 30 no. 6, 1952. Engineer
9. Monthly List of Russian Accessions, Library of Congress,  
August, 1952. Unclassified.

5 (4)  
AUTHOR:

Pudikov, V. V.

SOV/32-25-6-39/53

TITLE:

Device for the Thermal Analysis (Ustanovka dlya termicheskogo analiza)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 6, pp 748-749 (USSR)

ABSTRACT:

A device for the thermal analysis is described which is distinguished from that by Kurnakov by the fact that both the photographic process and the gauging of the thermocouples are unnecessary. The device requires the application of the electron potentiometer EPP-09 at three points and contains a differential thermocouple, an optical intensifier, the electron potentiometer and a heating arrangement (Fig 1). The differential heating curve in the coordinates "time - difference in temperature between sample and standard sample" and the simple heating curve in the coordinates "time - temperature" are simultaneously plotted within the temperature interval of from 0 to 1600°. The differential thermocouple consists of two platinum-platinum rhodium thermocouples. The optical intensifier contains a mirror galvanometer M21 and the selenium photo cell AFI-20. The schematical drawing of

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Device for the Thermal Analysis

SOV/32-25-6-39/53

the device shows that resistances KMS-4 and a voltage stabilizer STN-35 are also used. The mode of operation of the device is described and a thermogram of quartz given as example (Fig 2). There are 2 figures.

ASSOCIATION: Tikhvinskiy glinozemnyy zavod (Tikhvin Alumina Works)

Card 2/2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their H-3  
Application. Instruments and Automation

Abs Jour : Ref Zhur - Khim., 1958, No 24, No 81915

Author : Pudil E.

Inst

Title : Control of Firing of the Industrial Gas Fixed Heaters

Orig Pub : Automatisace, 1958, No 1, 8-15

Abstract : Description of schemes dealing with automation and with characteristics of control instruments employed in controlling operation of certain type fixed heaters. A properly installed control instrument insures smooth operation of heaters, increases their productivities, improves the quality of products, saves fuel, and improves an overall economy of production. -- Ye. Stefanovskiy

Card : 1/1

KREN, V.; CERNOCH, Z.; STEINHART, L.; ENDRYS, J.; SLEZAK, P.; PUDIL, V.;  
PRIBORSKY, J.; HODAN, J.

Venography of the liver and kidneys with slowed-down circulation  
by means of intrabronchial hypertension in animal experiments.  
Cesk. radiol. 19 no.4/5:285-288 Ag '65.

1. Radiologicka a chirurgicka klinika lekarske fakulty Karlovy  
University v Hradci Kralove, CSSR.

KREN, Vitezslav; CERNOCH, Zdenek; STEINHART, Leo; ENDRYS, Jiri;  
SLEZAK, Premysl; PUDIL, Vratislav; PRIBORSKY, Jaromir;  
HODAN, Jiri

Liver and kidney venography in animal experiments during  
delayed circulation by intrabronchial hypertension. Sborn.  
ved. prac. lek. fak. Karlov. Univ. 8 no.2:179-182 '65

1. Radiologika klinika (prednosta: prof. MUDr. J. Bastecky,  
DrSc.) a Chirurgicka klinika (prednosta: prof. MUDr.  
J. Prochazka, DrSc.) Lekarske fakulty Karlovy University  
v Hradci Kralove.

NETTL, Sasa; STEINHART, Leo; SLEZAK, Premysl; DITE, Bohumil; PUDIL, Vladimir.

Deep brain phlebogram in anteroposterior projection in expansive intracranial processes. Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no.2:199-205 '65.

1. Neurologicka klinika (prednosta: prof. MUDr. M. Sercl, DrSc.); Radiologicka klinika (prednosta: prof. MUDr. J. Basticky, DrSc.) Lekarske fakulty Karlovy University v Hradci Kralove.



PUDIN, N.

General long excursion of students of Saratov's secondary school  
no.70. Geog. v shkole 18 no.1:55-57 Ja-F '55. (MLBA 8:3)  
(School excursions)

MANUKYAN, A.A.; RYDVANOV, N.F.; BELOUS, T.Ya.; SVIRIDOVA, Z.P.; CHEBOTAREVA, Ye.A.; SHUMILIN, V.I.; PUDINA, K.V.; LUTSKAYA, Ye.Ye.; BRAGINA, N.M.; SANDAKOV, V.A.; MUSSO, S.; ZABELTSKAYA, A.I.; VDOVICHENKO, D.I.; MIRKINA, I.Z.; MORENO, I.; SIDOROV, V.F.; FOKLYARSKIY, B.I.; GRECHIKHIN, A.A.; KOSOVA, V.A.; KULIKOV, N.I.; ZHDANOVA, L.P.; ROZENTAL', Ye.I.; PETRANOVICH, I.M.

[Economic conditions of capitalist countries; survey of economic trends in 1961 and the beginning of 1962] Ekonomicheskoe polozhenie kapitalisticheskikh stran; kon'iunkturnyi obzor za 1961 g. i nachalo 1962. g. Moskva, Izd-vo "Pravda," 1962. 157 p. (MIRA 16:9)

1. Sotrudniki kon'yunktornogo sektora Instituta mirovoy ekonomiki i mezhdunarodnykh otnosheniy AN SSSR. (Economic history)

MANUKYAN, A.A.; GLUSHKOV, V.P.; SHVEDKOVA, V.M.; SVIRIDOVA, Z.P.; CHEBOTA-  
REVA, Ye.A.; SHUMILIN, V.I.; PUDINA, K.V.; BRAGINA, N.M.; LUTSKAYA,  
Ye.Ye.; KODACHENKO, A.S.; KOSOVA, V.A.; MOKLYARSKIY, B.I.; GRECHIKHIN,  
A.A.; KULIKOV, N.I.; RYDVANOV, N.F.; BEL'CHUK, A.I.; VINTSER, Yu.I.;  
ROZENTAL', Ye.I.; BELOUS, T.Ya.; SIDOROV, V.F.; ZHDANOVA, L.P.;  
ALEKSANDROVSKAYA, L.I.; KOVAL', V.V.; KHAVINSON, Ya.S., glavnyy red.;  
SOKOLOV, I.A., zam.glavnogo red.; ALEKSEYEV, A.M., red.; ARZUMANYAN,  
A.A., red.; BELYAKOV, A.S., red.; BECHIN, A.I., red.; VARGA, Ye.S.,  
red.; LEMIN, I.M., red.; LYUBIMOVA, V.V., red.; SKOROV, G.Ye., red.  
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by melting down copper buttons and by volatiliz-  
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