

CA

19

Glass for laboratory ware and for storage of drugs and pharmaceuticals [Josef Bessel]. *Farm. Polska* 7, 381-8  
1951. Chem. analyses of various types of glass are given, and the principles of selecting glass for specific purposes are discussed.  
Edward A. Ackermann

PESZESZER, G.

COUNTRY : Hungary  
CATEGORY :

1-27

1979+

ABS. JOUR. : RZKhim., No. 5 1960, No.

AUTHOR : Rakcsanyi, L. and Peszszeszer, G.  
INST. : Not given  
TITLE : Amino Acids in the Lees

ORIG. PUB. : Szoelészeti Kutató Int Evk, 11, No 2, 13-45, 1957-1958 (1958)

ABSTRACT : A practical method has been developed for the separation of amino acids (A) recovered from the lees. A clarified solution of A of purity 80% and ash content 1% is passed successively through columns packed with activated charcoal, three columns packed with Amberlite IR-4B anion-exchange resin (AER), three columns packed with the carboxyl type cation-exchange resin (CER) Amberlite IRZ-50, and a column packed with the sulfonic acid type CER Amberlite IR-120. The mixture of A is separated

CARD: 1/2

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PESZKOWSKI, Slawomir T., inz.

Review of interesting patents. Techn motor 15 no.2:64 P 165.

PESZKOWSKI, Sławomir T., inż.

An element preventing sliding fixed in the tire tread of the  
vehicle. Techn motor 15 no.3:96 Mr '65.

PESZKOWSKI, Slawomir T., mgr inz.

"History of the automobile" by Witold Rychter. Reviewed by  
Slawomir T. Peszkowski. Technika i or 12 no. 11:390 N '62.

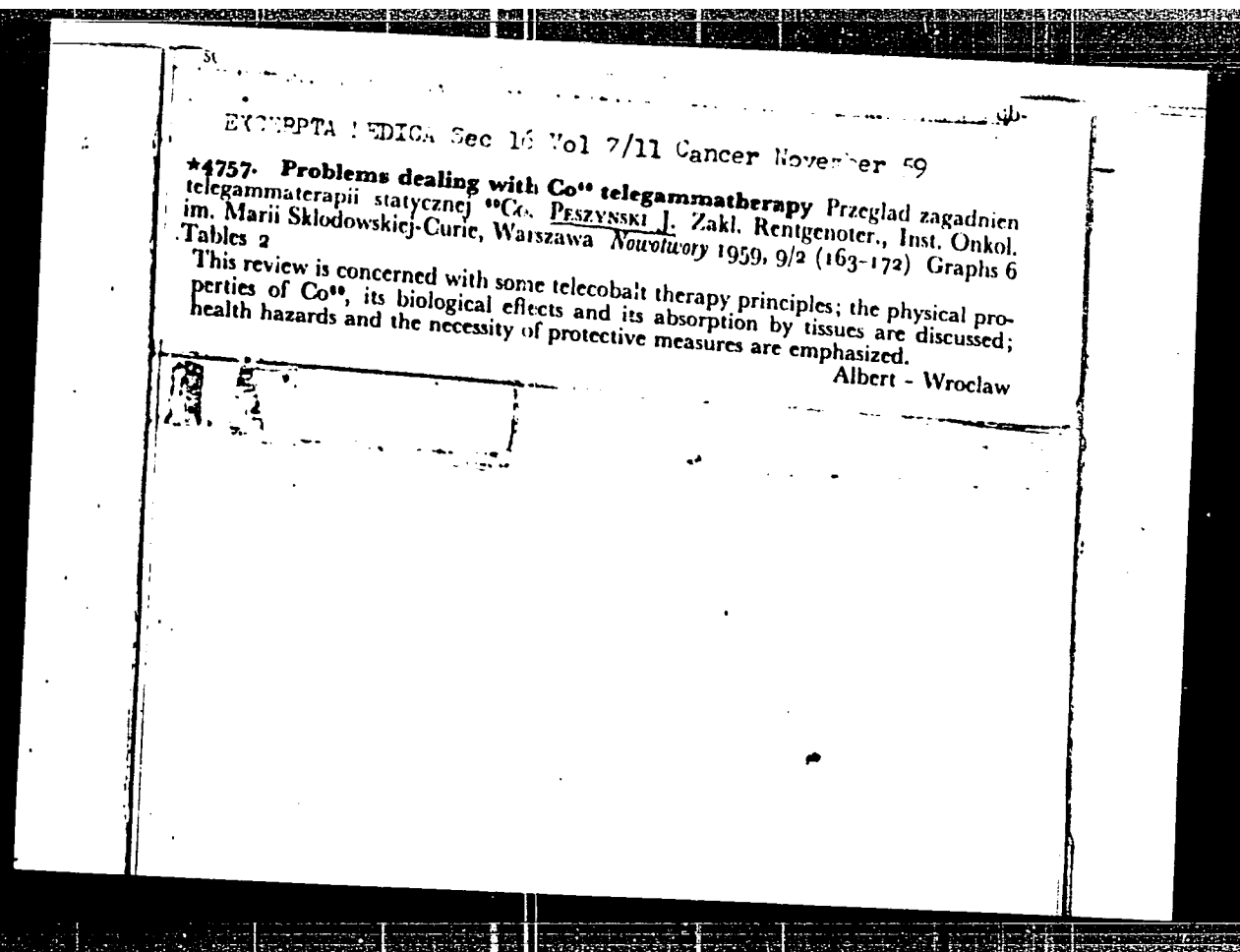
"Additional charging of piston combustion engines" by [dr inz.,  
Jan Aleksander Wajand. Reviewed by Slawomir T. Peszkowski.  
Ibid.: 390-391.

PESZKOWSKI, Slawomir T., mgr inz.

Combustion engine with rotating pistons. Techn motor  
12 no. 8:272-274 Ag '62.

Tightening system for tight limitation of the operating  
chambers of engines with rotating pistons. Ibid.: 274.

Bedding of the crankshaft in a tunnel body of the piston  
engine. Ibid.: 275.



PESZCZYNSKI J. Sanat. przeciwgruzl. P.K.P. Wilkowice k., Bielska. Obrzeki glodowe  
Hunger oedemas Polsk. Tyg. Lek. 1953, 8/33 (1151-1156)

Hunger oedemas arise from deficiency of protein and vit. B<sub>1</sub> in a diet containing much water and sodium chloride. This leads to endocrine hypofunction, especially thyroid. Treatment is mainly the supply of protein (milk), abundant vit. B<sub>1</sub> and the reduction of salt.

Bojanowicz - Lodz

SO: EXCERPTA MEDICA, Vol. 8, No. 3, Section VI, March 1954



PESZEK W.

1-89

5800 621.313.236.3 2

Peszek W. Designing the Cross-Field Amplidyne.  
„Projektowanie wzmacniaczy maszynowych z polaera poprzecznym”.  
Archiwum Automatyki i Telomechaniki (PAN). No. 3-4, 1957, pp.  
187-289, 40 figs.

SW  
11

Calculation is effected of the main data of the amplidyne, including the fundamental dimensions, the windings of the amplidyne, the longitudinal and cross-field circuits and the fundamental parameters of the steady and transient states of the amplidyne. The effect is discussed of closed eddy current circuits in the stator of amplidyne having solid cast steel stators on the equivalent time constant of the amplidyne. To illustrate theoretical considerations, this paper includes the characteristics calculated for a 4 kW amplidyne with additional cross winding and the results of measurements taken on a number of amplidyne of various designs.

cx

PESZEL, J.; HRVNIOWICZ, P.

"Materialoznawstwo szklarskie" (Glass material knowledge), by J. Peszel and P. Hrvniewicz. Reported in New Books (Nowe Książki), No. 12, June 19, 1956.

PESZCOWSKI, S.

Injection equipment for feeding spark-ignition engines. Pt. 2.

p. 156 (Technika Ictoryzacyjna. Vol. 6, no. 5, May 1958. Warszawa, Poland)

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

PERIODIC, ...

Injection devices for feeding ...  
...  
...  
...  
...  
...

So. East Europe: Accessions list ...

55143  
P/035/62/000/004/001/004  
D265/D304

26.2140

AUTHOR: Peszkowski, Sławomir, Engineer

TITLE: Injection pump delivery valve

PERIODICAL: Przegląd mechaniczny, no. 4, 1962, 125

TEXT: The paper describes the Polish Patent No. 45024, Kl. 46c, gr. 115/02 owned by the Warszawski zakład mechaniczny no. 2 (Warsaw Mechanical Enterprise no. 2) and granted to the author on January 26, 1961. This specifies a new type of fuel injection pump delivery valve. It is claimed that an easy response to the delivery demand is possible without revolving the valve seat and that simple parts can be used throughout for the construction of the valve. Referring to the figure, the plunger (1) is provided with a longitudinal slot (3) which can be covered partly or wholly by the control-rod (4). Since a given position of the control-rod corresponds to a certain determined amount of fuel delivered to the injectors, on changing the cross-sectional area of the slot (3) faster or slower lifting of the plunger (1) results which is caused by the excess of fuel

Card 1/2

X

A

32037  
P/008/62/000/001/005/005  
D269/D303

76.2140  
AUTHOR:

Peszowski, Sławomir, Engineer

TITLE:

Fuel injection pump for combustion engines with spark  
ignition

PERIODICAL: Technika lotnicza, no. 1, 1962, 22

TEXT: Polish patent no. 39,532, Class 46 a<sup>9</sup>, 18, March 15, 1957.  
The pump is illustrated in Figs. 1, 2, 3, 4 and 5. A conical disc  
7, mounted on a cranked shaft 4, squeezes the fuel from elastic  
working chambers 8, spaced around the shaft axis. The disc also  
shuts at the right moment the by-pass channel 10, thus regulating  
the delivery and the time of the start and the end of injections.  
The number of working chambers depends on the number of injections  
required for each revolution of the shaft. Each chamber is formed  
from two sheets of elastic material bonded together in the places  
shown shaded in Fig. 2. The inlet port a and the outlet port b are  
situated in the proper pumping chamber 9, b being connected to the  
injector through a non-return valve. Time and delivery can be va-

Card 1/3

32037  
P/G08/62/000/001/005/005  
D269/D303

Fuel injection pump ...

ried by rotation of the controlling ring 11, which has on its face  
controlling cavities c.

Fig. 1

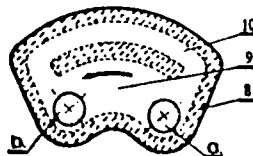
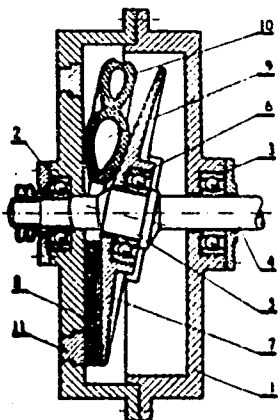


Fig. 2

Card 2/3

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Fuel injection pump ...

32037  
P/008/62/000/001/005/005  
D269/D303

Fig. 3

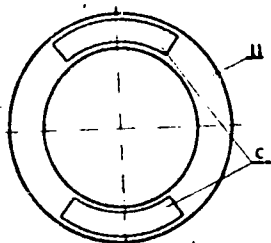


Fig. 4

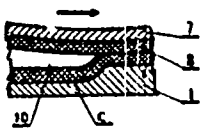
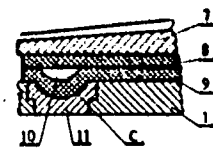
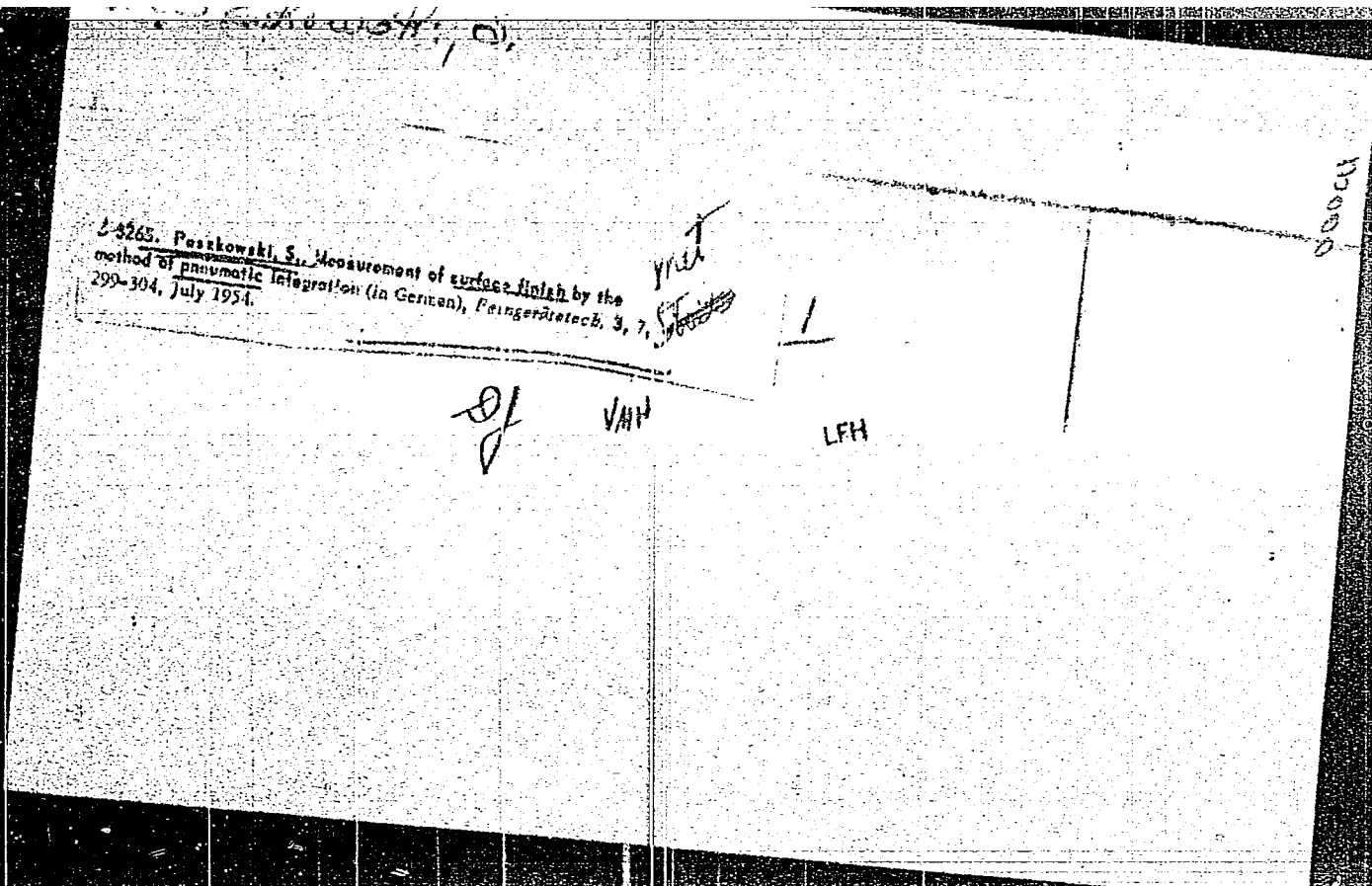


Fig. 5

Card 3/3

X





Peszowski, S. S.

8038 629.123.87  
 Pechlowski B., Peszkowski S. S.S. "Szczecin" Collier of 5000 TDW.  
 Wzrostowcy 5000 tdw s/s "Szczecin". Technika i Gospodarka Morska.  
 No. 2, 1955, pp. 29-31, 9 figs.  
 A modern collier of serial production built by "Stocznia Gdanska" for Polish use and for export. Characteristic of the ship: overall length — 153.25 m; length between perpendiculars — 101.03 m; breadth — 14.60 m; side height — 8.00 m; draught — 6.64 m; gross tonnage — 3817.9; net tonnage — 1939.9; deadweight capacity — 5000 tons; storage capacity — 5029 m<sup>3</sup>; reciprocating steam engine working in conjunction with Bauer-Wach low-pressure exhaust turbine developing 2700 i.h.p. of rated capacity at the pressure of 15 at. and 325°C. steam temperature; speed — 12 knots. Steam supplied by coal fired water-tube boilers. The hull construction is welded. This article discusses the hull construction loading and lashing devices, anchor equipment and life-saving equipment, and includes description of the propelling machinery: the steam engine, the turbine designed by Prof. Polak and constructed by Polish industry, boilers, auxiliary machinery and equipment.

MN ①

PESZKOWSKI, Slawomir T., inz.

Blinkers for optic signaling. Techn motor 13 no.1:32 Ja '63.

PESZKOWSKI, Slawomir T., mgr inz.

Survey of interesting patents. Techn motor 12 no. 12:  
422 D '62.

PESZKOWSKI, Slawomir T., inz.

Survey of interesting patents. Techn motor 13 no.2:72 F '63.

PESZKOWSKI, Sławomir T., inż.

On the needs of reorganization of the employees' inventions  
services in the industry. Przegl techn 81 no.4:10-11 Ja '61.

PESZKOWSKI, Sl.T., inz.

Instructing of cadres of services for the protection of public industrial property. Przegł techn 81 no.5:12 F '60.

PESZKOWSKI, Sławomir, T., inż.

Rotational viscometer with a large range in varying rotational speed. Tokai motor 13 no.9:316 S'63.



PESZKOWSKI, Slawomir, T., inz.

Survey of interesting patents. Techn motor 12 no. 1:  
34-36 Ja '62.

PESZKOWSKI, Slawomir T., mgr inz.

"Materials and semiproducts in the construction of automobiles. Designing parameters" by Tadeusz Kosiewicz.  
Reviewed by Slawomir T. Peszkowski. Techn motor 12 no. 10:  
357-358 0 '62.

PESZKOWSKI, Slawomir T., inz.

More on a certain possibility of increasing the effectiveness of combustion engines with rotation piston and spark ignition. Techn notor 14 no.5:145-146 My '6..

"Low power turbo-combustion engines" by Bazyli Kaczan, Jan Kryszynski, Zdzislaw Orzechowski, Ryszard Przybylski. Reviewed by Slawomir T. Peszkowski. Ibid.:162-163

PESZKOWSKI, Slawomir T., inz.

Survey of interesting patents. Techn motor 12 no. 2:  
69-70 F '62.

PESZKOWSKI, Slawomir T., inz.

"Cooling vehicle motors with liquids" by [mgr inz.] Zbigniew Szleszynski. Reviewed by Slawomir T. Peszkowski. Techn motor 12 no. 2: 71-72 F '62.

PESZKOWSKI, Slawomir T., inz.

"Air-cooled combustion motors" by *Lynitr Pazumnikowicz*  
Pospielow. Reviewed by Slawomir T. Peszkowski. Techn  
motor 12 no. 1: 36 Ja. '62.

PESZKOWSKI, Slawomir T., mgr. inż.

Survey of interesting patents. Techn. motor 12 no. 7:  
240 J1 '62.

PESZKOWSKI, Slawomir, T., mgr inz.

Surface preparation method of aluminum alloy products for chromium plating. Techn motor 13 no. 7: 243 J1 '63.

Control device designed particularly for fuel injection pumps. Ibid.: 243.



PESZKOWSKI, Slawomir P., inz.

Development work of La Precision Mecanique Labinal Enterprise  
in hydraulic control of the dosage of injector pumps. Techn  
motor 13 no. 5/6: 187-193 My-Je '63.

PESZKOWSKI, Slawomir T., inz.

Review of patents of major interest. Techn motor LA  
no. 1:36 Ja '64.

PESZKOWSKI, Slawomir T., inz.

Review of patents of major interest. Techn motor 14 no. 2:  
67-68 F '64.

PESZKOWSKI, Slawomir T., inz.

Review of patents of major interest. Techn motor 14  
no. 3:99-100 Nr '64.

PESZKOWSKI, Slawomir T., inz.

Possibility of increasing the efficiency of combustion engines with rotating piston. Techn motor 14 no. 4:114-116 Ap '64.

Review of publications. Ibid.:131-132.

Review of patents of major interest. Ibid.: 132.

PESZKOWSKI, Sławomir T., mgr inż.

Patent problems in the machine industry. Przegl mech 22 no. 23:  
733-735 10 D '63.

1. Design Office of the Motorization Industry, Warsaw.

PESZKOWSKI, Sławomir, T., inz.

Survey of interesting patents. Techn motor 13 no.10:352  
0'63.

PESZKOWSKI, Slawomir, T., inz.

"The Ursus C-325 tractor; its repairs," edited by Marian  
Wojdat. Reviewed by Slawomir T. Peszkowski. Techn motor  
13 no.11:387 N°63.



PESZKOWSKI, Slawomir, T., inż.

Survey of interesting patents. Techn motor 13 no. 81280  
Ag'63.

PAWKO-SKI, Sławomir T., Inz.

Engine or working machine with rotating piston. Techn. notes  
15 no. 1-32-32 Ja '65.

F. BACH, .

F. BACH, F. Collective research in the Orava area in 1958. p. 101.  
SLOVENSKI ILLUSTRACIJSKI MESSALNIK. Bratislava. Vol. 7, no. 1, 1958.

SO: Monthly List of the East European Association, (SOA), D. . . .  
no. 10, Oct. 1958. Incl.

PETACH, E.

Collective research in the Orava area in 1954. p. 125.  
SLOVENSKY NARODOPIS, Bratislava, Vol. 3, no. 1, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

PETAK

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and  
Their Application. Cellulose and Cellulose  
Products. Paper.

H-33

Abs Jour : Ref Zhur - Khim. No 3, 1958, No 9994  
Author : Kubinek Sedivy, Petak  
Inst : Not given  
Title : High-Yield Refining of Cellulose Produced by the Calcium  
Bisulfite Process.  
Orig Pub : Papir a celuloza, 1957, 12, No 6, 127-131  
Abstract : The effect of grinding, classification, and other unit  
operations upon the properties of the indicated cellulose  
and its use in various types of paper are discussed.

Card 1/1

PETAK, J.

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001240 2

Converting high-yield sulfite pulp into paper. p.127.  
(Papir A Celuloza, Vol. 12, No. 6, June 1957, Praha, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

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

BC      Q-3

Determination of halogens in organic material.  
O. Tomlin and K. P. P. (Czech. Chem. Lett., 1967, 37, 300-302). New method (use of Ca and Li metals; solvent:  $\text{N}_2$  liquid medium) and modified apparatus for the determination of halogens in any sample (solid, liquid, and those converted to solid) by use of compounds or general use are described. Reagents: Na and K are good general reagents but Li is suitable for hydrogenation with  $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O}$ .

COMMON ELEMENTS      COMMON VARIANTS

OPEN MATERIALS

ADD-51A METALLURGICAL LITERATURE CLASSIFICATION

EDM SYMBOLS      EDM SYMBOLS

GROUPS      GROUPS

PROCEDURES AND PROPERTIES INDEX

B-I-8

AC

Determination of mercury chloride in sub-  
 stantive position. *J. F. H. (Analyt. Chemist, 1908, 11,  
 Lab., 1908, 24, 197) (G. Chem. Zentr., 1908, 11,  
 2407). (If known method, Kolbe's HCN method is  
 the best; that in which suspension is effected by  
 Na<sub>2</sub>AsO<sub>4</sub> and excess diluted against I is modified by  
 adding CHCl<sub>3</sub>, which retains Hg and facilitates  
 titration of the clarified supernatant liquid.*  
 A. H. C.

ASS. S. A. METALLURGICAL LITERATURE CLASSIFICATION

1908-1914

1915-1921

1922-1928

1929-1935

1936-1942

1943-1949

1950-1956

1957-1963

1964-1970

1971-1977

1978-1984

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1992-1998

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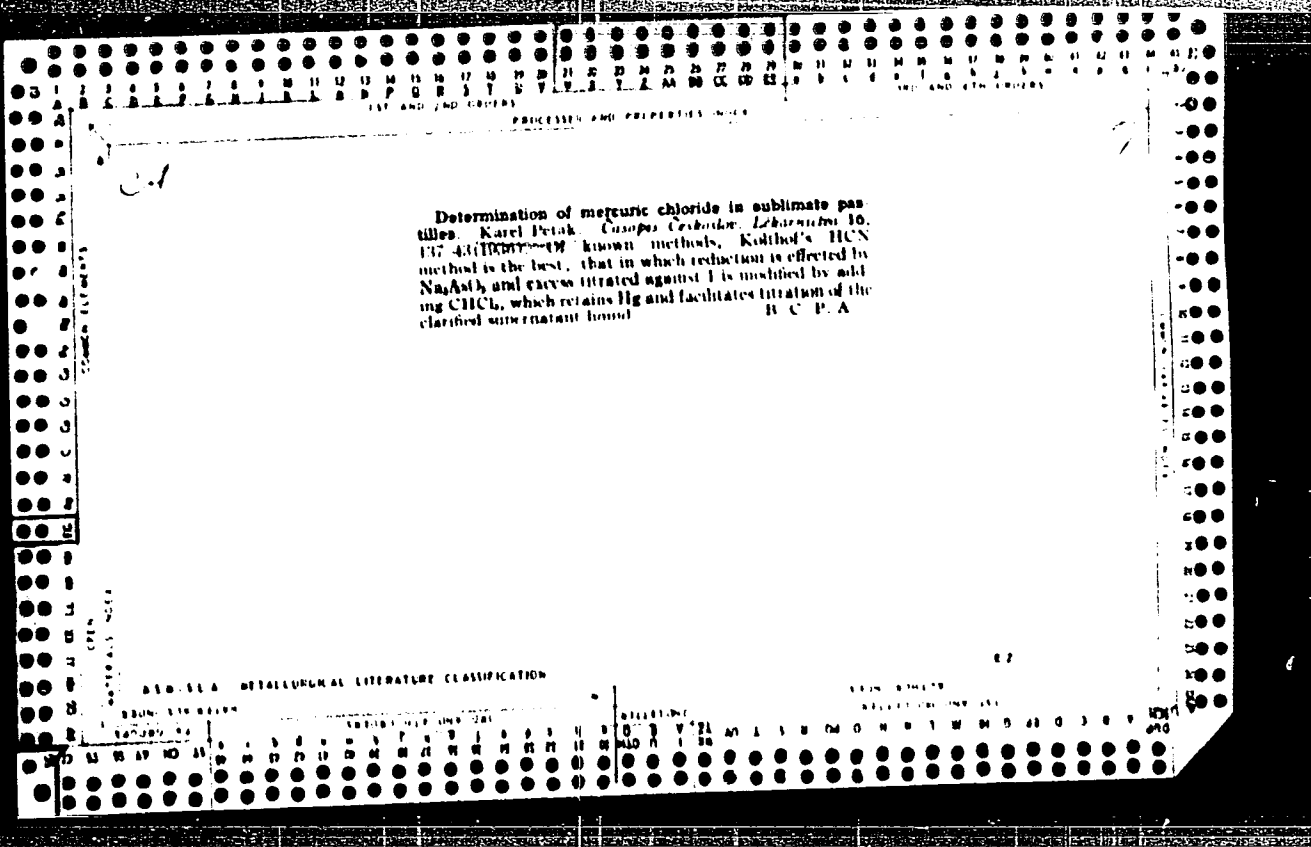
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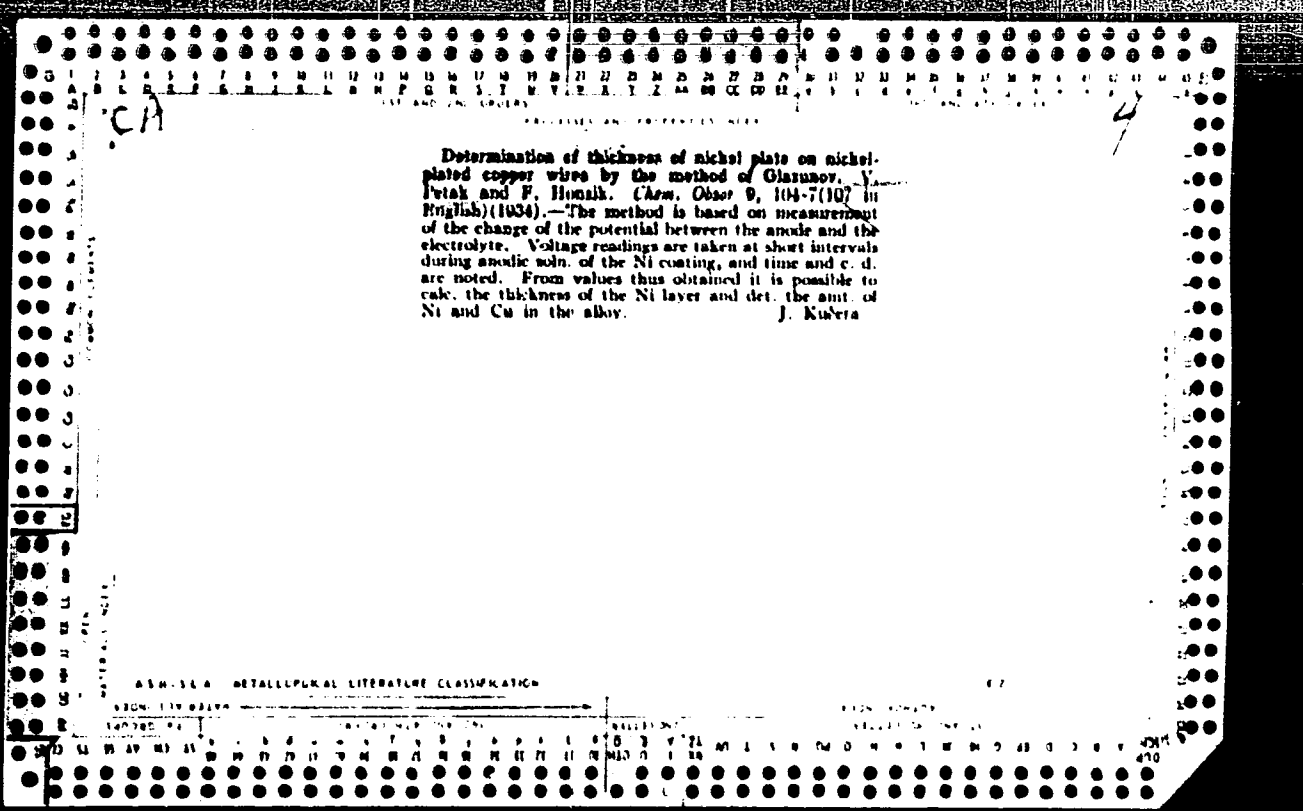
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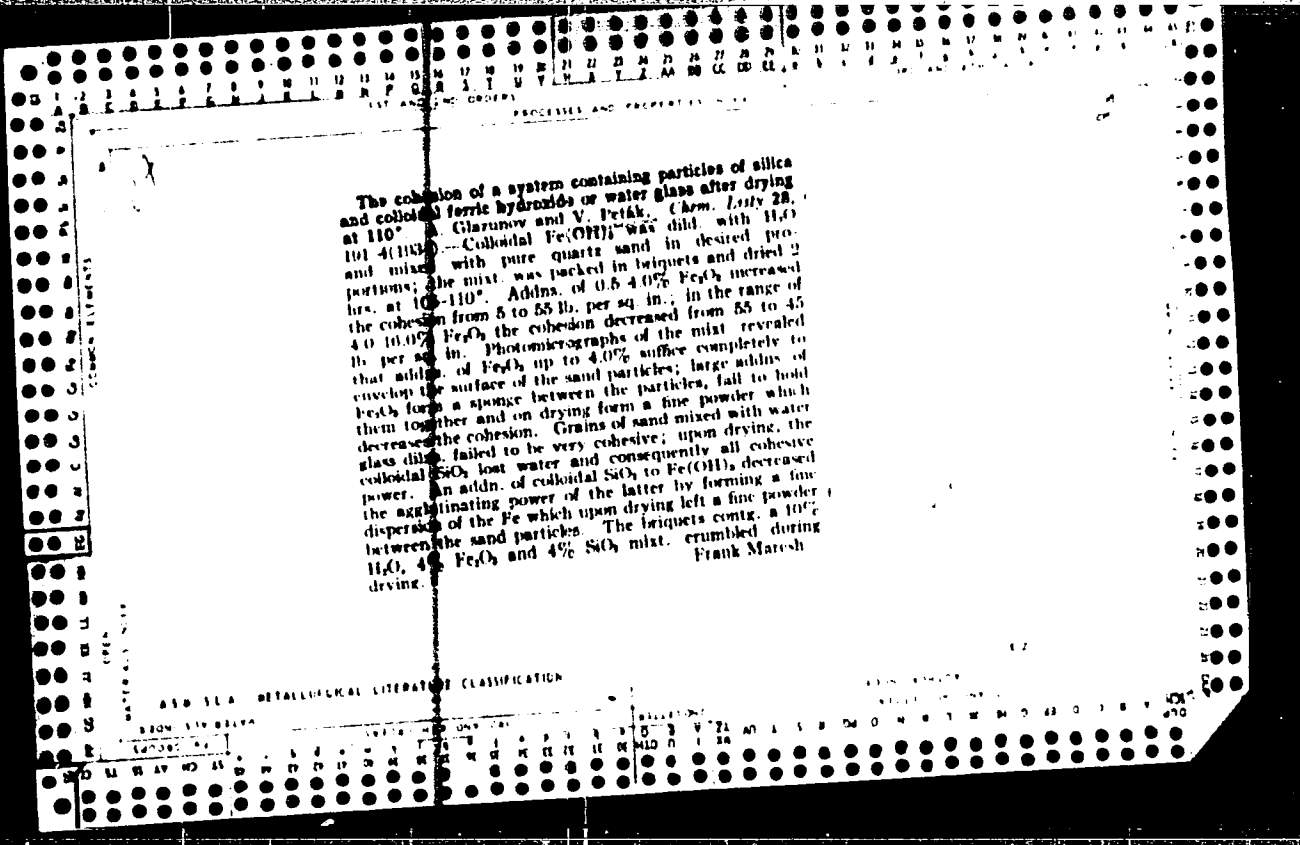
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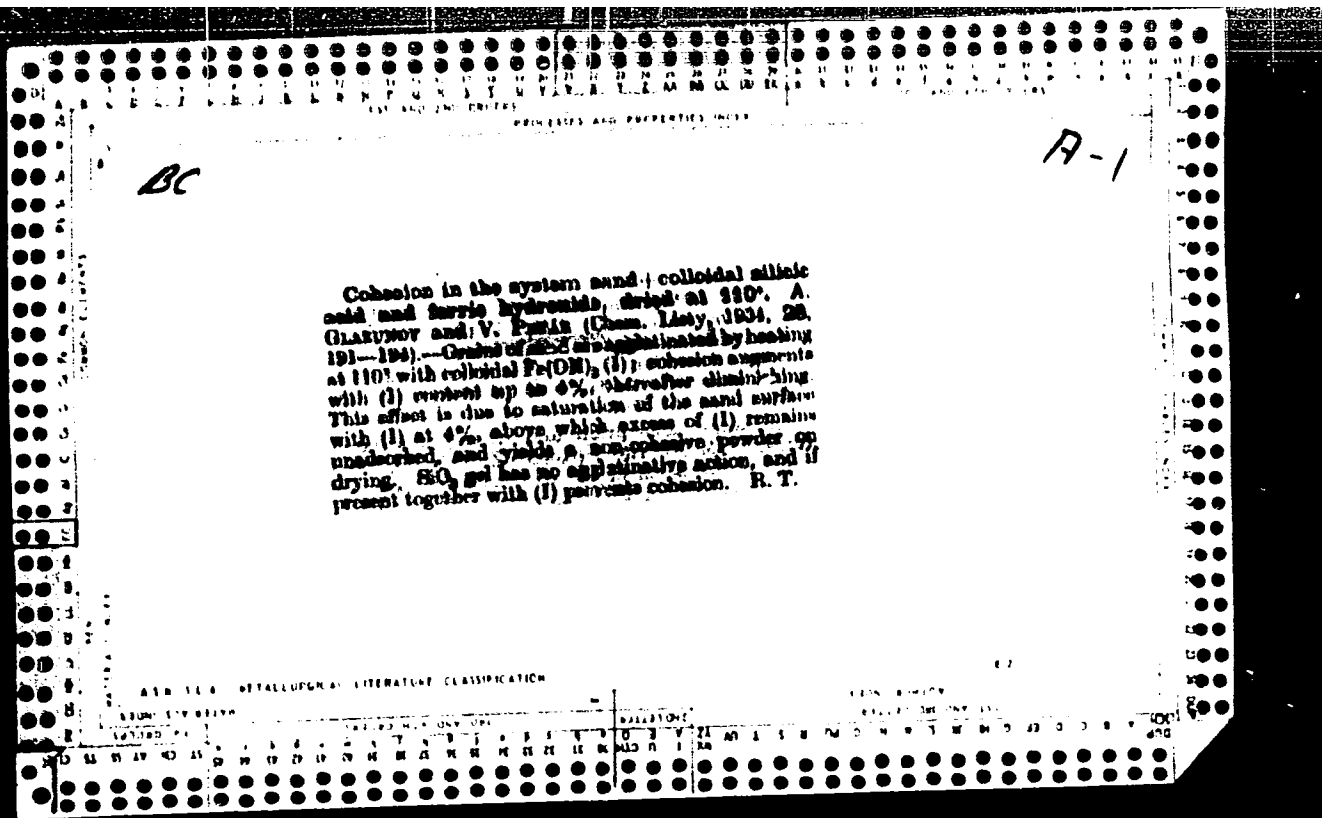
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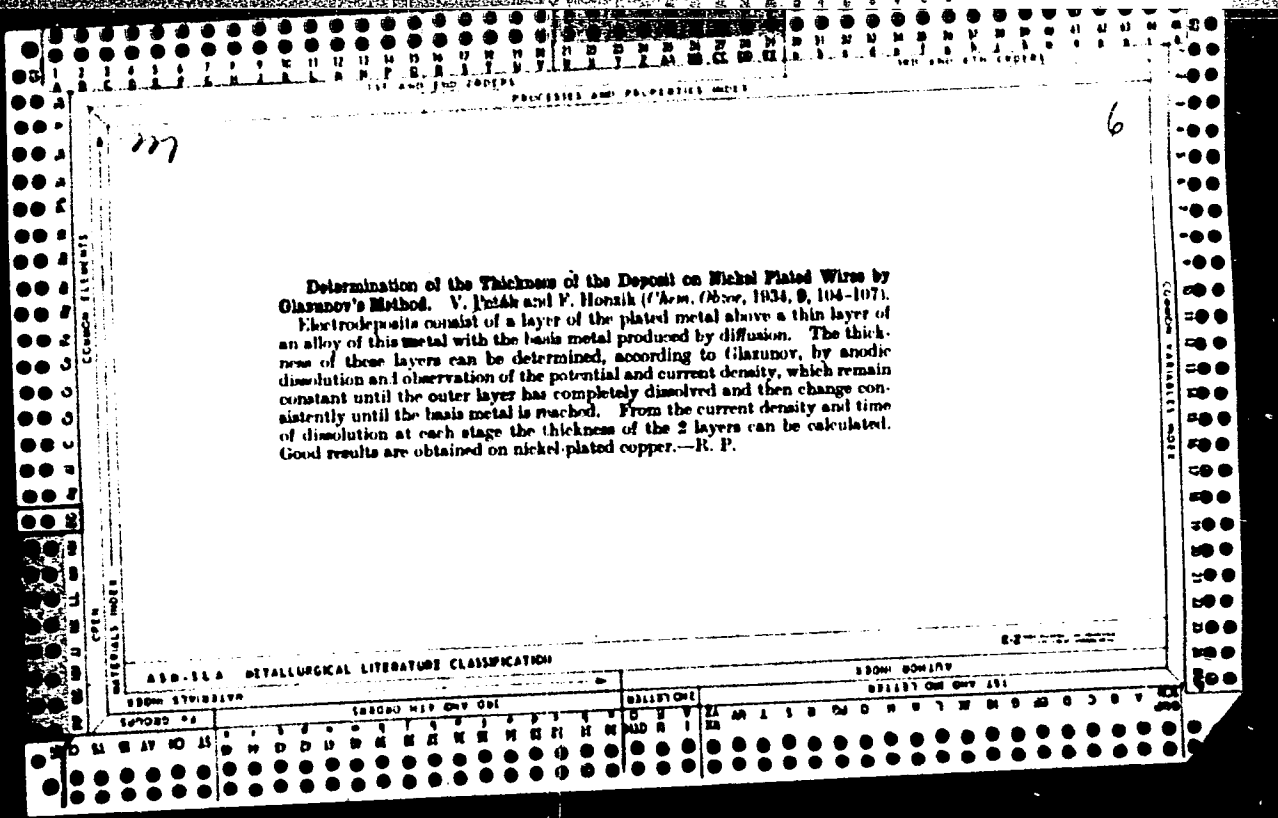












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1. Z rtg. odd., predn. dr Čapek, a chir. odd., předn. dr.  
Peták, OÚZ Čeb.

(LIVER, cysts  
diag., splenoportography)

(CYSTS  
liver, diag., splenoportography)

(VEINS, PORTAL SYSTEM, radiography  
in liver cysts)

**PETAKOVA, Jaroslava, MUDr**

Unusual neurological complication of infectious hepatitis. Cas.  
lek. cesk. 93 no.44:1221-1223 20 Oct 54.

1. Okresni ustav narodniho zdravi Pisek - nemocnice, infekcni  
oddeleni prim. MUDr Augustin Sus. Neurologicke oddeleni prim.  
Lubor Kratochvil.

(HEPATITIS, INFECTIOUS, complications,  
brain dis.)

(BRAIN, diseases,  
in hepatitis, infect.)

RYBAK, M.; KRONBAUER, I.; PETAKOVA, H.

Determining the blood serum esterases by the recording  
photocolorimeter. Coll Cs Chem 28 no.3:733-738 Mr '63.

1. Institut fur Hamatologie und Bluttransfusion, Prag.

RYBAK, M.; PETAKOVA, M.

A properdin-like factor in nasal secretions. Cesk.epiden.mikrob.  
imun.10 no.1:60-61 Ja '61.

1. Ustav hematologie a krevni transfuze v Praze.  
(PROPERDIN)  
(NOSE)



RYBAK, M.; PETAKOVA, M.; KOCI, J.

On the inhibitive effect of some substances on the properdin system-comparison with their anticomplement action. Cesk. epidem. 11 no.1:58-61 Ja '62.

1. Ustav hematologie a krevni transfuze v Praze.  
(PROPERDIN pharmacol.) (COMPLEMENT pharmacol.)

KAMENICA, Ibro, inz.; MILETIC, Vuceta, inz.; PETAKOVIC, Zdravko, inz.

Small-volume oil circuit breakers. Elektroprivreda 17 no.  
1:50-60 Ja '64.

**PETALAS, S.**

Unusual occupational injury of the throat. Orv. hetil. 94 no.27:751  
5 July 1953. (OIML 25:1)

1. Doctor. 2. Ear, Nose, and Throat Department (Head Physician -- Doctor  
Medical Sciences László Fleischmann), Péterfy Sándor-utcai Hospital  
(Director -- Dr. József Lendvai). 3. Case of aluminum worker.

PETAREK, L.

PEKAREK, L.

Investigation of oscillation processes in smoldering discharges in transition states. Vest. Mesk. un. 9 no.3:73-76 Mr '54. (MLRA 7:6)

1. Kafedra elektronney optiki i estsillografi.  
(Electric discharges through gases)

PETAREK, OTAKAR.

Rusko-cesky technicky slovník. Sest. Otakar Pekarek [et al. Vyd. 1.]  
Praha, statni nakl. technicke literatury, 1953. 551 p. [Russian-Czech  
technical dictionary. bib.]

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

PETASHVILI, I.I.

Some problems in the pathogenesis of acute intestinal obstruction  
and causes of mortality. Eksper. khir. 5 no. 5:40-43 '60.

(MIRA 14:1)

(INTESTINES--OBSTRUCTION)

PETASHVILI, I.I.; KANDELAKI, D., rec.

[Some problems of the pathogenesis of acute intestinal  
abstruction; clinical and experimental study] Nekotorye  
voprosy patogeneza ostroi kishechnoi neprokhodimosti;  
klinicheskoe i eksperimental'noe issledovanie. Tbilisi,  
Izd-vo "Sabchota Sakartvelo," 1964. 95 p.  
(MIRA 18:4)

PETASHVILI, I. I.

Cand Med Sci - (diss) "Several problems of the pathogenesis of acute intestinal obstruction (clinical and experimental study)." Moscow, 1961. 11 pp; (Second Moscow State Med Inst imeni N. I. Pirogov); 300 copies; price not given; (KL, 7-61 sup, 261)



МЕДИСКИН, В. И.

23170   opredeleniye izbytko fosfatov v kotlovykh vorakh i prilozeniya  
kationirovaniya. Zavodskaya laboratoriya, 1949, No. 7, s. 230-31.-  
Bibliogr: 7 nazv.

SO: IETODISI NO. 31, 1949

DOY/94-58-12-6/19

AUTHOR: Petatskiy, V.I., Engineer

TITLE: De-Oiling and Softening of Process Steam Condensate  
Returned from Consumers to the Power Stations  
(Obezmaslivaniye i umyagcheniye kondensata  
proizvodstvennogo para, vozvrashchayemogo potrebitelyami  
na elektrostantsii)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 12, pp 14-16 (USSR)

ABSTRACT: If condensate returned from consumers to heat and electric power stations is not of the required quality it is usually discharged to the drains and this means using make-up water containing a higher salt content than the condensate that is discharged. Accordingly a water treatment procedure has been installed at power stations of Khar'kovenergo. The equipment is briefly described and illustrated with a sketch. From a collecting tank the condensate passes through a carbon filter for de-oiling and thence to a cationite filter for softening. For outputs of up to 15 tons per hour the equipment works by gravity without a pump. The purified water is delivered to the feed water tank if its hardness is less than 50 micrograms - equivalent/litre

Card 1/3

DDI/94-56-12-6/19

De-Oiling and Softening of Process Steam Condensate Returned from Consumers to the Power Stations

and if it is more than this it is delivered to the heating system water supply tanks. Dimensions and other practical details of the equipment are given. The carbon filter is cleaned twice a month. The cationite filter is regenerated when the hardness gets too high, a higher figure is allowed during the heating season when the water can be returned to the heating circuit than during the rest of the year when it is returned to the condensate tank. In three months operation the equipment purified about 1000 cubic metres of condensate, the purified water being of the properties given in the Table. With an output of 15 tons per hour the installation can operate without regenerating the cationite filters for more than 20 days

Card 2/3

NOV/94-58-12-8/19

De-Oiling and Softening of Process Steam Condensate Returned from  
Consumers to the Power Stations

and can treat more than 2000 tons of production  
condensate in this time. There is 1 figure and 1 table.

Card 3/3

GEORGIYEV, A.G., inzh.; MAROV, I.P., inzh.; PETATSKIY, V.I., inzh.;  
EDEL'SHTEYN, S.A., inzh.

Automatic regulator for continuous blowdown and recording salinometer  
for feed-water. Elek.sta. 28 no.12:13-14 D '57. (MIRA 12:3)  
(Boilers) (Feed water)

PETATSKIY, V.I., inzh.

Softening and removing oil from the condensate of industrial steam  
returned by consumers to the electric power plant. Prom.energ. 13  
no.12:14-16 D '58. (MIRA 12:1)  
(Feed-water purification)

PEPATSKIY, V. I.

Handbook for casters of bimetallic bearings. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit.  
lit-ry, 1951. 58 p. (5-20485)

U1061..4

62/49731

USSR/Engineering

Jul 49

Boiler  
Water Purification

"Determination of Excess Phosphates in Boiler  
Waters Employing Cationization," S. A.  
Khal'shteyn, V. I. Petatskiy, GRS-4, Khar'kov  
Power System, 2 pp

"Zavod Lab" No 7

Shows deficiencies in usual laboratory methods  
of determining phosphate content (important for  
establishing correct water conditions for boilers  
since ions of  $PO_4$  are not taken into account  
if the colored phosphomolybdic complex occurs  
TND 62/49731

USSR/Engineering (Cont'd)

Jul 49

In a strongly acid medium in which phosphate  
sediment dissolves easily. Notes drawbacks  
of method proposed in 1945. Authors solved  
problem by using cation solutions. Tabulates  
results of tests on several boilers.

TND

62/49731

PETATSKIY, V. I.



PROCEDURES AND EXPERIMENTAL WORK

M

**5017. DETERMINATION OF EXCESS OF PHOSPHATES IN BOILER WATER BY USING CATION EXCHANGE AGENTS.** Edelshtein, S. A. and Fetatskii, V. I. (Zavodskaya Lab. (Factory Lab.), 1949, vol. 15, 850-851; abstr. in Chem. Abstr., 1950, vol. 44, 776).

Cation-exchange resins (unstated nature) are used to adsorb Ca and Mg from boiler water in a vertical column (gravity feed) with elution successively by 50 m.l. 5% HCl and 50 m.l. water; the eluate is neutralized to phenolphthalein by NaOH and hardness is determined by the oleate method. The phosphate excess is calculated by  $(P_2O_5)_{\text{excess}} = (P_2O_5)_{\text{total}} - 10$  (hardness), where hardness is expressed in degrees.

METALLURGICAL LITERATURE CLASSIFICATION

FROM BOMBYV  
011137 081 007 151

COMMON ELEMENTS  
COMMON VARIABLE MOSES

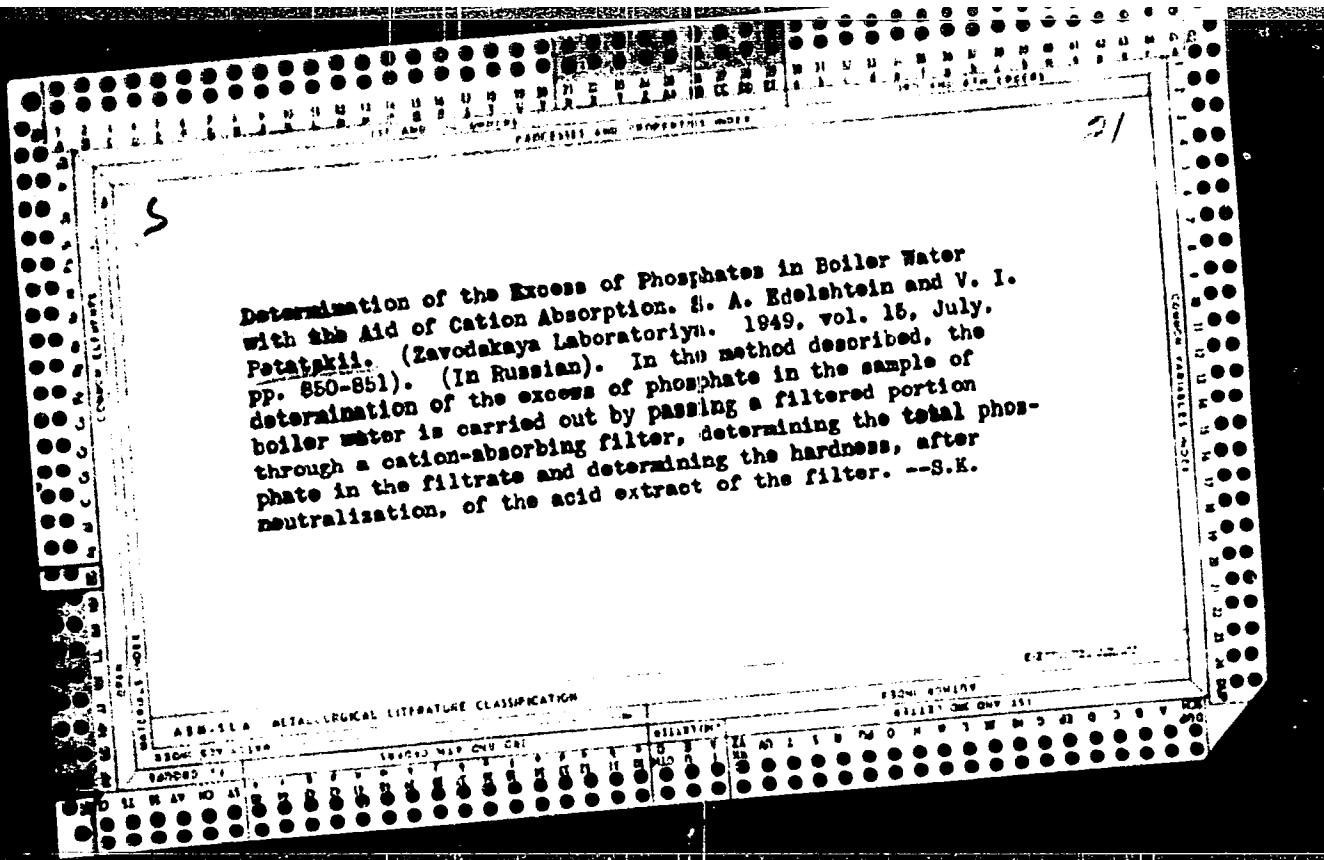
OPEN  
MATERIALS MORE

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

14

CA

Determination of excess of phosphates in boiler water by using cation-exchange agents. S. A. Edelshtein and V. I. Petatski. *Zashchita Lab.* 15, 85 (1919).  
Cation-exchange resins (unslated nature) are used to adsorb Ca and Mg from boiler water in a vertical column (gravity feed) with elution successively by 30 ml. 5% HCl and 50 ml. H<sub>2</sub>O; the eluate is neutralized to phenolphthalein by NaOH and hardness is detd. by the oleate method. The phosphate excess is calcd. by  $(P_2O_5)_{excess} = (P_2O_5)_{total} - (P_2O_5)_{hardness}$ , where hardness is expressed in degrees. G. M. Kosolapoff



1ST AND 2ND CREEPS  
PROCESSES AND PROPERTIES INDEX

ca

Economical consumption of cast iron turnings. V. I. Prizatskii and S. R. Bark. *Litvise Delo* 11, No. 8/9, 21-4 (1940); *Chem. Zvest.* 1941, 11, 104-5.—Ten to 15% of a cupola charge consisted of Fe turnings briquetted with fire clay and lime. In one case only were improved strength properties obtained. W. A. Mudge

9

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

RECHN. SVIŠTEBYN  
SVOJOP. HEP. ONY. OBI  
MELTONE

FROM SOURCE  
151 AND 152 LETTERS

GENERAL INDEX  
COUNCIL ELEMENTS  
COUNCIL ELEMENTS

22

*M*

**Low-Tin Babbitt Metal with Nickel as a Substitute for High-Tin B-83.**  
 V. I. Pstalsky (*Zhurnal*, 1941, 12, (1), 25-26; *Chem. Zentr.*, 1942, 113, (1), 658; *C. Abs.*, 1943, 37, 4875).—[In Russian.] Babbitt metal was prepared with the addition of nickel to a composition of tin 9.6-10.5, antimony 15-15, cadmium 1-25-1.75, arsenic 0.5-0.8, copper 1.5-2, nickel, 0.75-1.25, phosphorus 0.01-0.02%, and the balance lead, to serve as a substitute for high-tin Babbitt B-83 as a bearing metal. This alloy has greater ultimate strength, lower friction coeff., and lower production cost than B-83.

ASS-3LA METALLURGICAL LITERATURE CLASSIFICATION

147080 \*A

122080 H1P QWY Q8C

122110 H1P QWY Q8C

122120 H1P QWY Q8C

122130 H1P QWY Q8C

122140 H1P QWY Q8C

122150 H1P QWY Q8C

122160 H1P QWY Q8C

122170 H1P QWY Q8C

122180 H1P QWY Q8C

122190 H1P QWY Q8C

122200 H1P QWY Q8C

122210 H1P QWY Q8C

122220 H1P QWY Q8C

122230 H1P QWY Q8C

122240 H1P QWY Q8C

122250 H1P QWY Q8C

122260 H1P QWY Q8C

122270 H1P QWY Q8C

122280 H1P QWY Q8C

122290 H1P QWY Q8C

122300 H1P QWY Q8C

122310 H1P QWY Q8C

122320 H1P QWY Q8C

122330 H1P QWY Q8C

122340 H1P QWY Q8C

122350 H1P QWY Q8C

122360 H1P QWY Q8C

122370 H1P QWY Q8C

122380 H1P QWY Q8C

122390 H1P QWY Q8C

122400 H1P QWY Q8C

122410 H1P QWY Q8C

122420 H1P QWY Q8C

122430 H1P QWY Q8C

122440 H1P QWY Q8C

122450 H1P QWY Q8C

122460 H1P QWY Q8C

122470 H1P QWY Q8C

122480 H1P QWY Q8C

122490 H1P QWY Q8C

122500 H1P QWY Q8C

122510 H1P QWY Q8C

122520 H1P QWY Q8C

122530 H1P QWY Q8C

122540 H1P QWY Q8C

122550 H1P QWY Q8C

122560 H1P QWY Q8C

122570 H1P QWY Q8C

122580 H1P QWY Q8C

122590 H1P QWY Q8C

122600 H1P QWY Q8C

122610 H1P QWY Q8C

122620 H1P QWY Q8C

122630 H1P QWY Q8C

122640 H1P QWY Q8C

122650 H1P QWY Q8C

122660 H1P QWY Q8C

122670 H1P QWY Q8C

122680 H1P QWY Q8C

122690 H1P QWY Q8C

122700 H1P QWY Q8C

122710 H1P QWY Q8C

122720 H1P QWY Q8C

122730 H1P QWY Q8C

122740 H1P QWY Q8C

122750 H1P QWY Q8C

122760 H1P QWY Q8C

122770 H1P QWY Q8C

122780 H1P QWY Q8C

122790 H1P QWY Q8C

122800 H1P QWY Q8C

122810 H1P QWY Q8C

122820 H1P QWY Q8C

122830 H1P QWY Q8C

122840 H1P QWY Q8C

122850 H1P QWY Q8C

122860 H1P QWY Q8C

122870 H1P QWY Q8C

122880 H1P QWY Q8C

122890 H1P QWY Q8C

122900 H1P QWY Q8C

122910 H1P QWY Q8C

122920 H1P QWY Q8C

122930 H1P QWY Q8C

122940 H1P QWY Q8C

122950 H1P QWY Q8C

122960 H1P QWY Q8C

122970 H1P QWY Q8C

122980 H1P QWY Q8C

122990 H1P QWY Q8C

123000 H1P QWY Q8C

RUMANIA

DEAC, R., Dr, Lt-Col, GROZEA, D., Dr, Lt-Col, PETCA, Gh., Dr, Lt-Col, and MAIOROV, M., Dr, Maj [affiliation not given]

" Acute Surgical Abscesses of Hydatid Etiology."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66, pp 279-284.

Abstract: The authors present two cases of hydatid infestation and discuss the diagnosis and treatment of the condition, pointing out the importance of recognizing it before it develops into generalized acute peritonitis. It is emphasized that military units with large numbers of recruits from rural areas are more likely to encounter such cases than city practices.

Includes 8 references, of which 4 Rumanian and 4 French. --  
Manuscript submitted 21 August 1965.

1/1

Translation from Referativny zhurnal Metallurgiya, 1959, Nr 3, p. 127 (USSR)

AUTHOR: Petch N Dzh

TITLE: The Failure of Metals (Razrusheniye metallov)

PERIODICAL: V sb Uspekhi fiz metallov Nr 2 Moscow, Metallurgizdat  
1958 pp 7-68

ABSTRACT: A critical survey of modern concepts regarding the mechanisms of brittle and plastic failure (F) of crystalline substances particularly of metal, the history of the problem is presented. Criteria of the F of metal, the influence of the stress distribution, and the effect of the grain size are examined, and the conditions of plastic and brittle crack propagation are analyzed. Metallurgical peculiarities of the cleavage and of the intercrystalline F of various metals (structure, impurities) are examined in detail. An analysis of the process of retarded F of metal indicates that this phenomenon is primarily related to a reduction of the surface energy as a result of adsorption of gases from the surrounding medium. Various aspects of stress corrosion are examined. The dimensional effects are analyzed, together with statistical effects. It is a characteristic of

Card 1/2

SOV 37-52-3-6324

### The Failure of Metals

metals that plastic deformation always precedes brittle F. Microcracking plays a major role in the F of metals. Cracks may occur in planes containing large accumulations of blocked dislocations or be a result of twinning and looping. The prevailing type of stress distribution is of great importance. The  $\sigma_s$  and the rupture strength are significantly affected by the strain rate when the latter approaches the speed of sound. In principle the mechanisms of plastic F and failure by rupture are analogous; the difference lies only in the magnitude of deformation required for crack propagation. The thermodynamic mechanisms of F are not sufficiently corroborated by theory and experiment. Bibliography: 185 references.

V G

Card 2/2

**Effect of certain pain-reducing substances on uterine contractions.** A. I. Petchenko. *Akusherstvo i Ginekologiya*, 1940, No. 7, 8, 8-12. Expts. were made on cats and rabbits. Papaverine (1:400,000-200,000) increases the tonus of the isolated uterine tissue in 75% and decreases it in 25% of the animals. Threshold doses (1:100,000) in most cases lower the tonus. The threshold for uterine contractions with papaverine begins at a concn. 1:200,000 for a normal uterus. In pregnant uteri this concn. lowers the tonus and decreases the amplitude of contractions. Papaverine is especially effective if the tonus of the isolated uterus is increased. A concn. of 1:400,000 prevents the tonus from increasing and a concn. of 1:200,000 presses the tonus *in vivo* is much weaker than on the isolated organ. Doses up to 30-40 mg/kg body wt. injected intravenously into normal and pregnant rabbits had but slight effect on the tonus or on the contractions. Hence, a cutaneous injection of papaverine takes place in the body, rapid detoxication of papaverine takes place in the body. Pantopon in concns. less than 1:100,000 does not change the tonus, or the contractility of the isolated uterus.

Concns. of 1:100,000 decrease the amplitude of the contractions in 50% of the tests. Concns. of 1:50,000 decrease both the tonus and the amplitude of contractions, except when the contractions are naturally very strong. The pregnant isolated uterus is more resistant than the normal tissue. When the tonus is artificially increased with pantopon, pantopon cannot change the tonus nor stop the contractions. The uterus *in vivo* is activated by pantopon in a dose of 1.5 mg/kg body wt. Doses of 5.8 mg give less frequent, but more rhythmic contractions, the amplitude remaining the same. In cats 2.5 mg of pantopon/kg body wt. increase contractions, while doses of 5.8 mg produce less frequent but stronger contractions in both normal and pregnant animals. The tonus is not affected. Subcutaneous injections of large doses of pantopon (20 mg/kg) have no effect. Hence papaverine may be useful in hypertension and pantopon as a narcotic in childbirth.



PETCHENKO, A. I. and BUSHUYEVA, Ye. N.

"Treatment of Infected Miscarriages with Blood Substituting Solutions,"  
Sovetskiy Vrachebnyy Sbornik, 1947, part 10.

FETCHENKO, Aleksandr Ivanovich

[Physiology and pathology of the contractile capacity of the  
uterus: as applied to inquiries into modern obstetrical aid]  
Fiziologiya i patologiya sokratitel'noi sposobnosti matki:  
primenitel'no k zaprosam sovremennogo rodovspomozheniya. Lenin-  
grad, Medgiz, 1948. 411 p. (MIRA 13:8)  
(UTERUS) (LABOR (OBSTETRICS))

РБИЧЕНКО, А. А.

"Modern Methods of Facilitating Delivery, Problems  
in the So-Called Controlled Delivery," Sov. Meds.,  
No. 9, 1949. Prof. Dir. Obstetrics & Gynecology Clinic,  
Odessa Inst. Advanced Training of Physicians, -c1949-.

PETCHENKO, A. I.

USSR/Medicine - Drugs  
Sep/Oct 53

"Use of the New Drug, Pachycarpine, in Obstetrics and Gynecology," Prof. A.I. Petchenko, M.I. Gosteve, and N.F. Andreyeva, Obstetrical and Gynecological Clinic, Odessa State Med Inst of Advanced Study

Akusher i Ginekol, No 5, pp 55-58

The Inst of Physiol, Ac of Sci USSR, has investigated a new drug that acts as an inhibitor of processes in the cerebral cortex. This new drug, pachycarpine, is an alkaloid from the plants Sophora pachycarpica and Thermopsis lanceolata. It was first isolated in 1935. By its action on those

268T37

organs and tissues the functioning of which is connected with the activity of N-choline receptors, it increases the sensitivity of peripheral choline receptors. Injection of a physiological solution of pachycarpine into the muscles of the uterus is safe and produces no toxic effects either on mother or child. It is recommended for hypotonic hemorrhages which are not alleviated by an ordinary intramuscular injection.

*Petchenko, A.I. - Od. Obstetrical and Gynecological Clinic.*

268T37

PETCHENKO, A.I.

[Obstetrics; a manual for physicians and students] Akusherstvo; rukovodstvo dlia vrachei i studentov. Kiev [Gosmedizdat] 1954. 643 p.  
(Obstetrics) (MLBA 8:4)

**PETCHENKO, A.I.**

*[Faint, illegible text]*

[Clinical and medical treatment of inadequacies in labor] Klinika  
i terapija slabosti rodovni delatel'nosti. [Leningrad] Medgiz,  
1956. 154 p. (MIRA 10:7)  
(LABOR, COMPLICATED)

PETCHENKO, A.I.  
PETCHENKO, A.I.

Treatment of uterine fibromyoma with androgen compounds. Akush. i  
gin. 32 no.6:56-61 N-D '56. (MIRA 10:11)

1. Iz akushersko-ginekologicheskoy kliniki (zav. kafedroy - prof.  
A.I.Petchenko) Leningradskogo pediatricheskogo meditsinskogo  
instituta.

(ANDROGENS, ther. use  
leiomyoma of uterus)

(LEIOMYOMA, ther.  
androgens in leiomyoma of uterus)

(UTERUS, NEOPLASMS, ther.  
androgens in leiomyoma)

PETCHENKO, P. I.

U.S.S.R. / General Problems of Pathology. Tumors.

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7727

Author : Petchenko, A.I.

Inst :

Title : The Treatment of Uterine Fibromyomas with Androgens.

Orig Pub : Akusherstvo i Ginekologiya, 1956, No 6, 56-61

Abstract : The results of treatment of 64 patients with fibromyomas of the uterus were reported. The greatest success was achieved in the group comprising patients over 45 years of age. Only 9 of 44 such patients failed to respond favorably. 14 of 20 younger patients showed a favorable response. Because of the successful androgen therapy there was a cessation of tumor growth; only 9 cases required surgery. Small doses (5-20 mg. of methyltestosterone per day) were used. Androgen therapy

Card : 1/2



U.S.S.R. / General Problems of Pathology. Tumors.

T-5

Abs Jour : Ref. Zh-Biol., No 2, 1958, No 7727

Abstract : was continued until a period of a prolonged amenorrhea or menopause was attained.

Card : 2/2

PETCHENKO, A.I., professor

APPROVED FOR RELEASE: Tuesday, August 01, 2000. CIA-RDP86-00513R001240

hormonal methods for diagnosing pregnancy" by A.I.A. Krupko.  
Reviewed by A.I.Petchenko. Akush.i gin. 33 no.4:122 J1-Ag '57.  
(PREGNANCY--SIGNS AND DIAGNOSIS) (MIRA 10:11)  
(KRUPKO, A.I.A.)

PETCHENKO, A.I., prof.; DNMICHEV, I.P., kand.med.nauk

New method for accelerating and completing labor (with summary in English). Akush. i gin. 33 no.6:15-21 N-D '57. (MIRA 11:3)

1. Iz kafedry akusherstva i ginekologii (zav.-prof. A.I.Petchenko) Leningradskogo pediatricheskogo meditsinskogo instituta.

(LABOR

acceleration with vacuum extractor)

(OBSTETRICS, appar. & instruments,

vacuum extractor (Rus)

PETCHENKO, A.I., prof., pri uchastii klinicheskogo onlinstora G.I.Lopatchenko

Cervical dystocia in labor. Sov.med. 22 no.3:69-70 str 68.

(MIRA 11:4)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.I.Patchenko)  
Leningradskogo pediatricheskogo meditsinskogo inatituta (dir. -  
prof. N.T.Shutova)

(DYSTOCIA, etiol. & pathogen.  
of cervical dystocia (Rus))

PETCHENKO, A.I., prof., PUGOVISHNIKOVA, M.A., SHINKAREVA, L.P.

Clinical significance of disorders of uterine muscle tone in labor  
[with summary in English]. Akush. i gin. 34 no.4:16-21 JI-Ag '58  
(MIRA 11:9)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.I. Petchenko)  
Leningradskogo pediatricheskogo meditsinskogo instituta.

(LABOR, compl.

uterine tonus disord. (Rus))

PETCHENKO, A.I., prof.; POLUYEKTOVA, L.M.

Prolapse of the umbilical cord. Vsp.okh.mat. i det. 4  
no.2:46-49 Mr-Apr '59. (MIRA 12:5)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.I.  
Petchenko) Leningradskogo pediatricheskogo meditsinskogo  
instituta (dir.-prof. N.T.Shutova).  
(UMBILICUS) (PREGNANCY, COMPLICATIONS OF)

PETCHENKO, A.I., prof.

Some modern problems in pediatric gynecology. Akush.i gin. 35  
no.6:83-87 N-D '59. (MIRA 13:4)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof.  
A.I. Petchenko) Leningradskogo pediatricheskogo meditsinskogo  
instituta (direktor - prof. N.T. Shutova).  
(PEDIATRICS)  
(GYNECOLOGY)

PETCHENKO, A.I., prof. (Leningrad)

Organization of hospital and outpatient gynecological services  
and its first results. Sov.med. 24 no.9:128-133 S '60.

(MIRA 13:11)

(GYNECOLOGY)

PETCHENKO, Aleksandr Ivanovich, prof., doktor med. nauk; SYRKIN,  
~~SYRKIN, V.D., tekhn. red.~~, V.D., tekhn. red.

[Obstetrics] Akusherstvo; rukovodstvo dlia vrachei i  
studentov. Izd.2., ispr. i dop. Kiev, Gosmedizdat,  
USSR, 1963. 780 p. (MIRA 16:8)

1. Zaveduyushchiy kafedroy akusherstva i ginekologii le-  
chebnogo fakul'teta Krymskogo meditsinskogo instituta (for  
Petchenko).

(OBSTETRICS)





PETCHENKO, A.N.

[Fibromyomas of the uterus] Fibromiomy матки. Kiev, Gos. med.  
izd-vo USSR, 1958. 265 p. (MIRA 11:4)  
(UTERUS--TUMORS)

PETCHENKO, I.F.

Pelvic fractures. Trudy Inst. klin. i eksp. khir. AN Kaz. SSR  
1:81-85 '54 (MLRA 10:5)

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(UTERUS--TUMORS)