PASKOV, D., prof.; STOIANOV, K., prof.; SAEV, S.; DERKUZHIAN, A.; KRUSTEVA, E.; TENEV, K.; MINCHEVA, M.

Anti-curare effects of nivaline. Khirurgiia 15 no.9/10:885-890 '62.

(GALANTHAMINE) (CURARIFORM ANTAGONISTS)

PACHOV, D.

"Glass tank furnaces with horse shoe-shaped and transverse direction of the flame. II."

p. 13. (Steklo i Fromishlenost, Vol. 7, No. [illegible], 195[illegible], Sofiia, Bulgaria)

Monthly Index of East European Accessions (JPRS) LC, Vol. 7, No. 12, Dec 5[illegible]

PASKOV, D.

"Impressions from D.A. Birlukov's Visit in Bulgaria." p. 2,
(ZDRAVEN FRONT, No. 41, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

PASKOV, D.; DRIANOVSKA-NONINSKA, L.

Chemical and pharmacological studies on Satureia hortensis L.
Farmatsiia 4 no.2:31-37 Mr-Ap '54.

1. St. nauchen sutrudnik v Instituta po eksper. meditsina pri BAN. (for Paskov) 2. St. asistent pri Katedrata po farmatsevtichna khimia pri Farm. fakultet na Med. Akademiia V.Chervenkov (for Drianovska-Noninska).
(PLANTS,
*satureia hortensis, pharmacol.)

PASKOV, D.
"I.P.Pavlov's theory of the two systems of reflex action" (p.33) PRIRODA
(Bulgarska Akademiia Na Naukite) Sofiya Vol 2 No 6 Nov/Dec 1953

SO: East European Accessions List Vol 2 No 6 Aug 1954

PASKOV, V.S., Doc Med Sci -- (diss) "Pharmacological characteristics nivaline alkaloid as an anticholinesterase substance." Ler, 1968, 23 pp (Inst of Experimental Medecine of Acad Med Sci USSR. Inst of Experimental Medecine of Bulgarian Acad Sci) 200 copies

(KL, 23-68, 110)

PASKOV D.S.

BULGARI./Pharmacology and Toxicology. Cholinergics V-3

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71130

Author : Paskov D.S.
Inst : Department of Biology and Medical Science, Bulgarian AS
Title : The Effect of Nivalin Upon Striated Muscles. I.

Orig Pub : Izv. Otd. biol. i med. nauki. B"lg. AN. Ser. Eksperim. biol. i med., 1957, No 1, 29-35

Abstract : The anticholinesterase effect of nivalin (alkaloid isolated from the snowdrop) was demonstrated by the author upon isolated muscles of the abdomen of the frog. In the experiments upon this object and upon gastrocnemius muscles of cats which were under urethane narcosis, as well as upon non-narcotized rabbits, nivalin was found to be the antagonist of flaxedil and tubocurarine. -- K. Draganov

Card : 1/1

TERENT'YEVA, K.F.; PASOVA, F.G.

Genesis of minerals in bauxite of Mesozoic and Cenozoic platform deposits. Min.syr'e no.4:3-24 '62. (MIRA 16:4)
(Bauxite) (Weathering)

PASKOVA, Jirina ; MUNK, V.

Production of Glucose Oxidase by Mixed Cultures of Different Strains of Aspergillus niger. Folia microbiol. 8 no. 4;215-20 Jl '63

1Department of Microbiology, Central Research Institute of the Food Industry, Prague
(OXIDOREDUCTASES) (ASPERGILLUS) (FERMENTATION)
(BACTERIOLOGICAL TECHNICS)

PASKOVA, R.

For a higher quality of teaching and teaching methods. Biol i khim 5 no. 2:17-22 '63.

1. Tsentralen institut za usuvurshenstvuvane na uchitelite, Sofiia, i chlen na Redaktsionnata kolegiia, "Biologiia i khimiia".

PASHOVA, Rosa

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: TsIUU, Sofia

Source: Sofia, Biologiya i Khimiya, No 2, 1961, pp 25-29

Data: "The Independent Work of Students in Natural Science."

KALDERON, Dimitritsa; KOSHARSKA, Tinka; DRUMEV, Bozhidar, inzh.; BOZHINOV, Sava Filipov; KHRISTOV, Ivan Filipov, uchenik; OVANOVA, Mela, prepodavatelka; MILKOV, Vuliu; NIKOLOV, Iordan Georgiev; SHALAVEROV, Zlati Dimitrov; PASKOVA, Stoika Ivanova; PAVLOV, Pavel Iordanov

During the new school year better achievements. Nauka i tekh z mladezh no.10:3-4,16 '61.

1. Zav. otdel "Srednoshkolska mladezh" v TSK na DKMS(for Kalderon) 2. Sekretar na zavodskiia komitet na DKMS v zavod "Stalin", Dimitrovo (for Kosharska) 3. Predsedatel na nauchno-tekhnicheskoto d-vo i nachalnik biuro "Tekhnicheski progress" v zh. p. zavod "G. Dimitrov" Sofiya. (for Drumev) 4. Sekretar na Okruzhniia komitet na DKSM, Plovdiv(for Bozhinov) 5. Selskostopanski tekhnikum v x. Sadovo, Plovdivski okrug (for Khristov, Ivanova) 6. Direktor na MTS s. "Ekzarkh Antimovo" Gurgaski okrug (for Milkov) 7. MTS, Gorna Oryakhovitsa (for Nikolov) 8. Sekretar na Okruzhniia komitet na DKMS, Turnovo(for Shalaverov) 9. Bibliotekarka v s. Rudnik, Varnenski okrug (for Paskova) 10. Sekretar na Okruzhniia komitet na DKMS, Varna (for Pavlov)

(Education)

PIHRT, J.; PASKOVA, Z.

Bronchoscopy in bronchial asthma. Cesk. otolaryng. 12 no.4: 230-235 Ag '63.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty hygienicke KU v Praze, prednosta prof. dr. V. Hlavacek Alergicke oddeleni fakultni nemocnice v Praze 10, vedouci MUDr. B. Hodek.
(ASTHMA) (BRONCHOSCOPY) (EOSINOPHILS)
(STREPTOCOCCAL INFECTIONS) (PNEUMOCOCCAL INFECTIONS)
(NEISSERIA) (STAPH INFECTIONS, RESPIRATORY)
(KLEBSIELLA)

INDUSTRIAL MEDICINE

CZECHOSLOVAKIA

UDC 616.2-097.2-057

HLAVACEK, V.; PASKOVA, Z.; JIRICNY, J.; Otolaryngological Clinic Medical Faculty of Hygiene, Charles University (Otolaryngologicka Klinika Lek. Fak. Hygienicke KU), Prague, Head (Prednosta) Prof Dr. V. HLAVACEK; Department for Allergic Diseases, Faculty Hospital (Alergologicke Oddeleni Fakultni Nemocnice), Prague 10, Head (Primar) Dr B. HODEK.

"Investigations of Occupational Allergies of the Respiratory Pathways."

Prague, Casopis Lekaru Ceskych, Vol 105, No 31, 9 Aug 66, pp 837 - 842

Abstract [Authors' English summary modified]: Evaluation of occupational allergies was made in 230 patients. Allergies are caused either by noxious substances or by primary irritants. Classification of various occupations according to frequency of allergies caused in personnel is given. Sensitizing agents occurring in working places and at home are discussed. Influence of heredity is evaluated. Preventive measures are described. 3 Tables, 3 Western, 2 Czech, 1 East German reference. (Manuscript received Jan 66).

1/1

PASKOVA, Z.; OPPLT, J.; FISEROVA, B.

Pathogenesis of otosclerosis based on a quantitative assessment of several biochemical values in blood. Cesk. otolar. 7 no.4:229-234 Aug 58.

1. ORL klinika LFHKU, prednosta prof. Dr. Vladimir Hlavacek Oddeleni pro klinickou biochemii FN-LFHKU, prednosta MUDr. RNDr. Jan Opplt.

(OTOSCLEROSIS, etiol. & pathogen.
failure to demonstrate etiol. relation to blood chem. (Cz))

SKAMENOVA, B.; PASKOVA, Z.

Treatment of bronchial asthma with light levels of hypoglycemia.
Cas. lek. cesk. 97 no.31-32:1014-1017 8 Aug 58.

1. Interni prored. klinika LFHKU, prednosta prof. MUDr. J. Syllaba. Alergicke oddeleni SFN v Praze 12, prednosta prim. MUDr. B. Hodek. Za technicke spoluprace dipl. sestry M. Mazurove. B. S. Praha 12, Vlasimska 6.

(ASTHMA, ther.
by insulin induced hypoglycemia, indic. & mechanism (Cz))
(INSULIN, ther. use
asthma, indic. & mechanism (Cz))
(HYPOGLYCEMIA,
insulin- induced as ther. of asthma (Cz))

MOREL', I.V., inzh.; PASKOVATYY, O.I.

Dispatching of intershop conveying of liquid products at petroleum refineries. Mekh.i avtom. proizv. 15 no.6:8-16 Je '61. (MIRA 14:6)

(Hydraulic conveying)
(Electronic control)

OKLADNIKOV, V.P.; MA'YASIN, I.L.; KATAYEV, I.G.; PASKOVER, Yu.S.

Investigating heavy cool-tar products of semicoking, a new kind of binders. Khim.i tekh.topl.i masel 5 no.10:26-31 O '60. (MIRA 13:10)

(Coke industry--By-products) (Briquets (Fuel))

PASKOVIC, F.

Morphologic and technological properties of the Dutch varieties of flax. pt. 2. p. 309.
(Tekstil, Vol. 6, No. 4, Apr. 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

PASKOVIC, F.

The value of Dutch flax varieties. p. 217.
(Tekstil, Vol. 6, no. 3, March, 1957. Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7, July 1957. Uncl.

PASKOVIC, F.

Stabilization of the production and processing of hemp and flax on a rational level. p. 606. TEKSTIL. Vol. 4, No. 6, June 1955. Beograd.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4. No. 12, December 1955.

PASKOWA, Z.

"Research Concerning the Better Exploitation of Hops when Brewing Beer." p.263
(PRZEMYSL ROLNY I SPOZYWCZY Vol. (7) no. 7, July 1953 Warszawa, Poland)

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

Pasku

Rumania / Microbiology - Microbes Pathogenic to Humans and Animals F-4

Abs Jour: Referat. Zh. Biol., No. 1, 1958, 750

Author : Chortya, Pasku, Gryumberg, D'yakonu

Title : Improvement of Tuberculin Quality by Cultivating Bacteria on a New Nutrient Medium

Orig Pub: Anuarul Inst. seruri si vacc. Pasteur Bucuresti, 1956, 1, 259-276

Abstract: No abstract.

Card 1/1

PASKU, L.

Rumania/Diseases of [illegible] and Rickettsiae

Abs Jour : [illegible] Biol., No 1, 1958, 2724

Author : Nikheitse ., Opr ., Omesku V., asku I., Tucheyu ., Isopescu ., Marinescu .

Inst : Academy of the People's Republic of Rumania

Title : Anti-cholera-Swine Vaccine Prepared from Blood Containing the Virus and Crystal-Violet Inactivated. Experimental Investigation and Preliminary Practical Results

Orig Pub : Acad. RPR, 1956, 7, No 1-2, 119-130

Abstract : The examination of vaccine which has been prepared by the Kulesko method, has shown that it establishes stable immunity in pigs in the course of 11 months and that it does not have any harmful effect on the animals. The vaccine may be stored for 9 to 10 months without changing its

Card 1/2

ALMASI, Lucretia; PASKUCZ, Ladislau

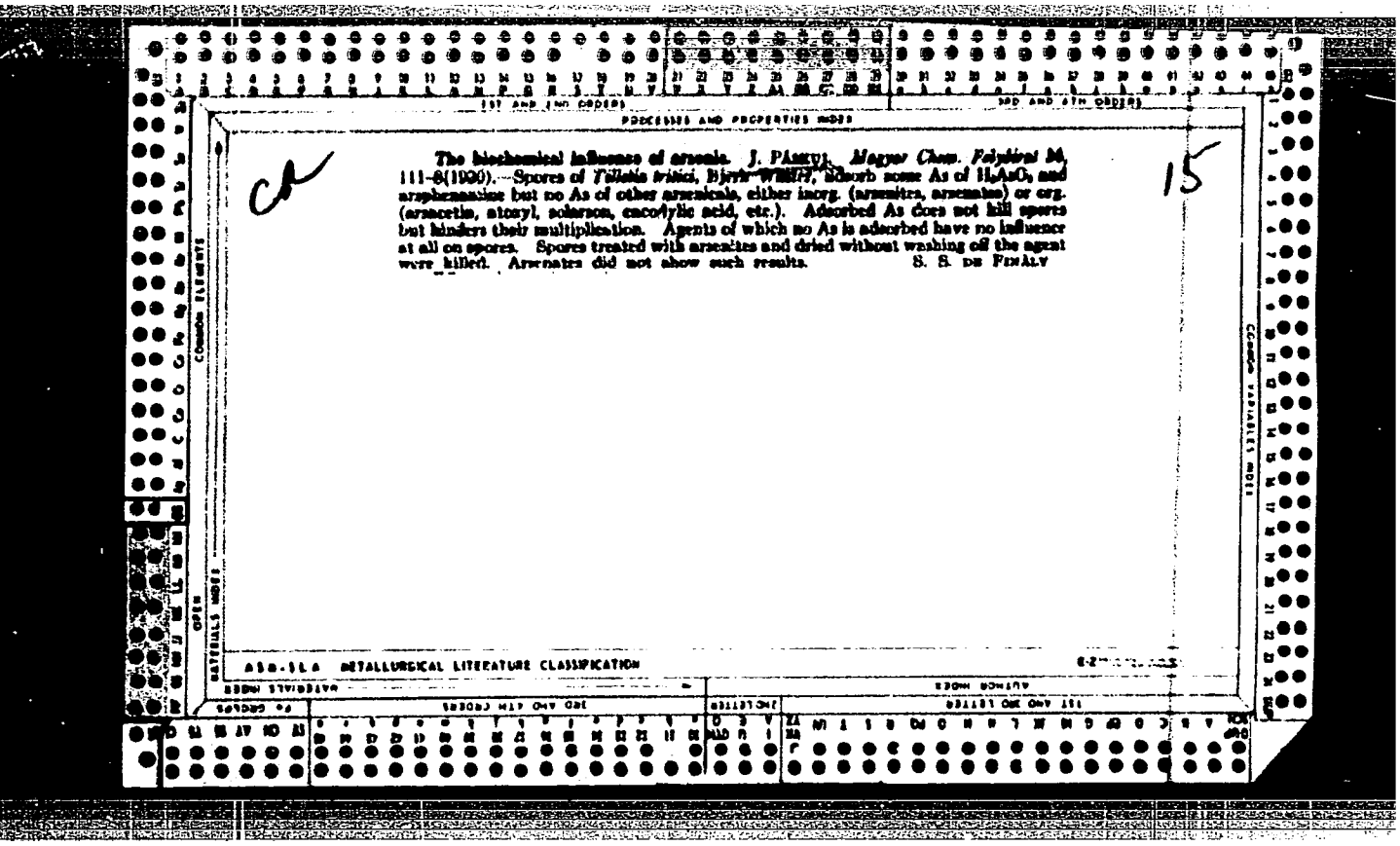
Reaction of sodium O,O-diethylthiophosphites with carbon disulfide. Rev chimie Roum 10 no.3:301-303 Mr '65.

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch, 59-65 Donath St. Submitted August 4, 1964.

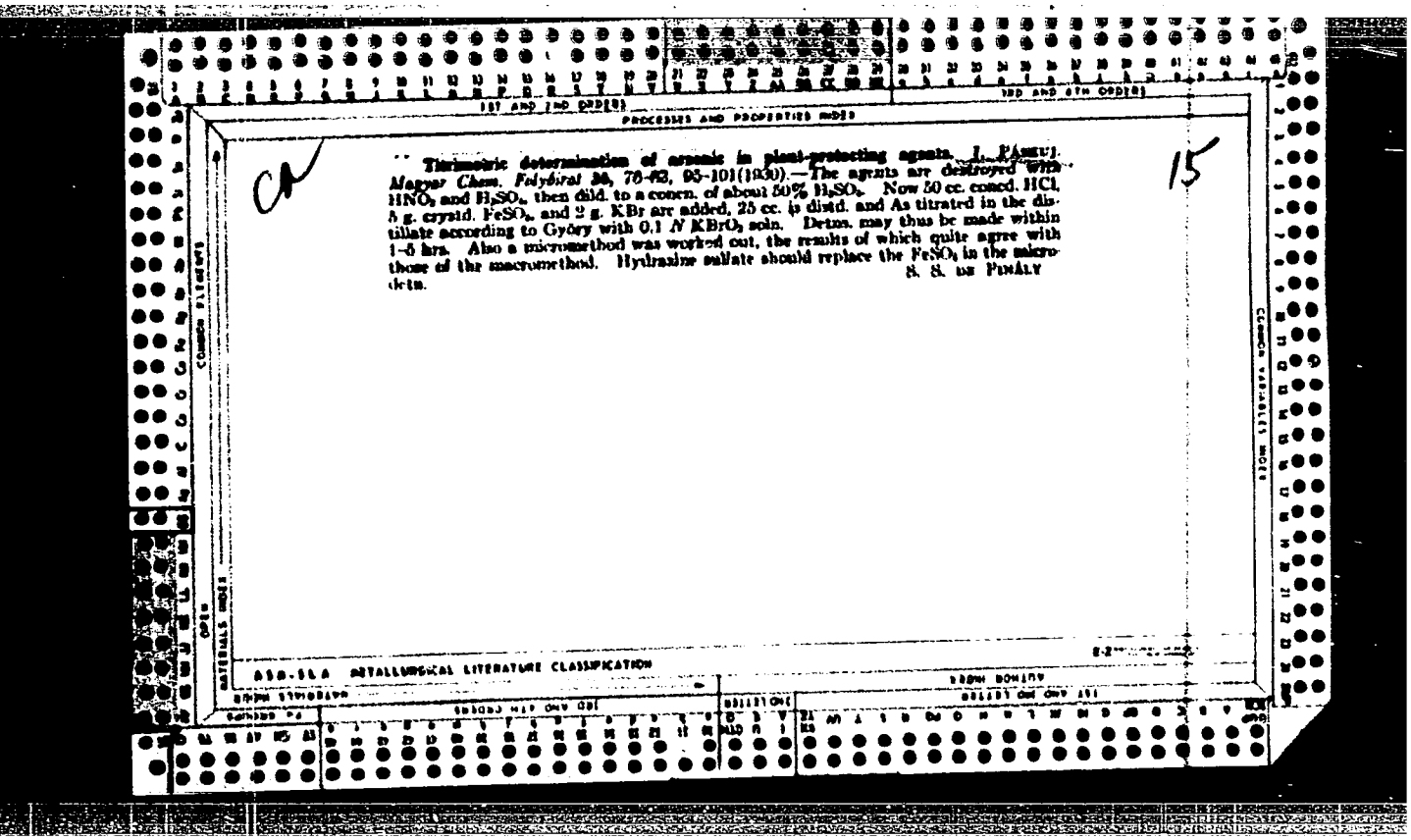
PASKUDSKIY, Anatoliy Vladislavovich; BOBROVA, Larisa Aleksandrovna; TIKHONOVA, N.V., red.; BARANOVA, N.N., tekhn. red.

[Organization of a study room and performance of laboratory work on plastics and synthetic fibers] Organizatsiia uchebnogo kabineta i provedenie laboratornykh rabot po izucheniiu plasticheskikh mass i sinteticheskogo volokna. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 40 p. (MIRA 15:2)

(Chemical laboratories—Equipment and supplies)
(Plastics) (Textile fibers, Synthetic)



The biochemical influence of arsenic. J. Pásztor. *Magyar Chem. Folyóirat* 36, 111-8(1930).—Spores of *Tilletia tritici*, Bjerk. WHEAT, absorb some As of H_3AsO_3 and arsphenamine but no As of other arsenicals, either inorg. (arsenites, arsenates) or org. (arsacetin, atoxyl, salarsan, cacodylic acid, etc.). Adsorbed As does not kill spores but hinders their multiplication. Agents of which no As is adsorbed have no influence at all on spores. Spores treated with arsenites and dried without washing off the agent were killed. Arsenates did not show such results. S. S. DE FINÁLY



PROCESSES AND PROPERTIES INDEX

CA 15

Titrimetric determination of arsenic in plant-protecting agents. L. Pásztor. *Magyar Chem. Folyóirat* 36, 76-82, 95-101(1930).—The agents are destroyed with HNO_3 and H_2SO_4, then dild. to a concn. of about 50% H_2SO_4. Now 50 cc. concd. HCl, 5 g. cryst'd. $FeSO_4$, and 2 g. KBr are added, 25 cc. is distd. and As titrated in the distillate according to Győry with 0.1 *N* $KBrO_3$ soln. Detns. may thus be made within 1–5 hrs. Also a micromethod was worked out, the results of which quite agree with those of the macromethod. Hydrazine sulfate should replace the $FeSO_4$ in the micro-detn.

S. S. DE PINAUD

A50-51A METALLURGICAL LITERATURE CLASSIFICATION

ALMASI, Lucretia; PASKUCZ, Ladislau

Reaction of sodium O,O-diethylthiophosphites with carbon disulfide. Studii cerc chim 14 no.3:279-280 Mr '65.

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch, 59-65 Donath St. Submitted August 4, 1964.

PASKUTSKAYA, L.N.

Study of the effect of polyacrylamide on the process of filtration. Nauch. trudy AKKH no.22:37-48 '63. (MIRA 18:5)

РЕФЕРАТНЫЙ ЖУРНАЛ

32-8-53/61

AUTHOR: None Given

TITLE: Short Reports (Korotkiye soobshcheniya).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 8, pp. 1002-1004 (USSR)

ABSTRACT: Dmitrieyv, P.P. (Tashkentskiy khimicheskiy institut Akademii nauk UzSSR) suggested an alteration in the already known apparatus for oil-refining and determining the effective boiling points of mineral oil products according to Badgadzher in that the separation of the fractions does not take place in the Kleisen-pistons but in the apparatus itself, which permits a reduction of the time needed for the experiment, the elimination of losses and greater accuracy. There are 2 figures.

Krishtul, V.P. and Paskutskaya, L.N. (Akademiya kommunal'nogo khozyastva) suggested a kind of water jet-sucking pump to be used for emptying the vessels after the experiments are finished, which is assumed to offer technical-practical advantages. There is 1 figure.

Skopin, Yu.A. (Kazakhskiy sel'skakhozyaystvennyy institut) suggested a device for gas washing which offers the advantage that the washing liquid can be used without shutting off the gas and in which the gas washing process takes place between the bottoms of two telescoped vessels. There is 1 figure.

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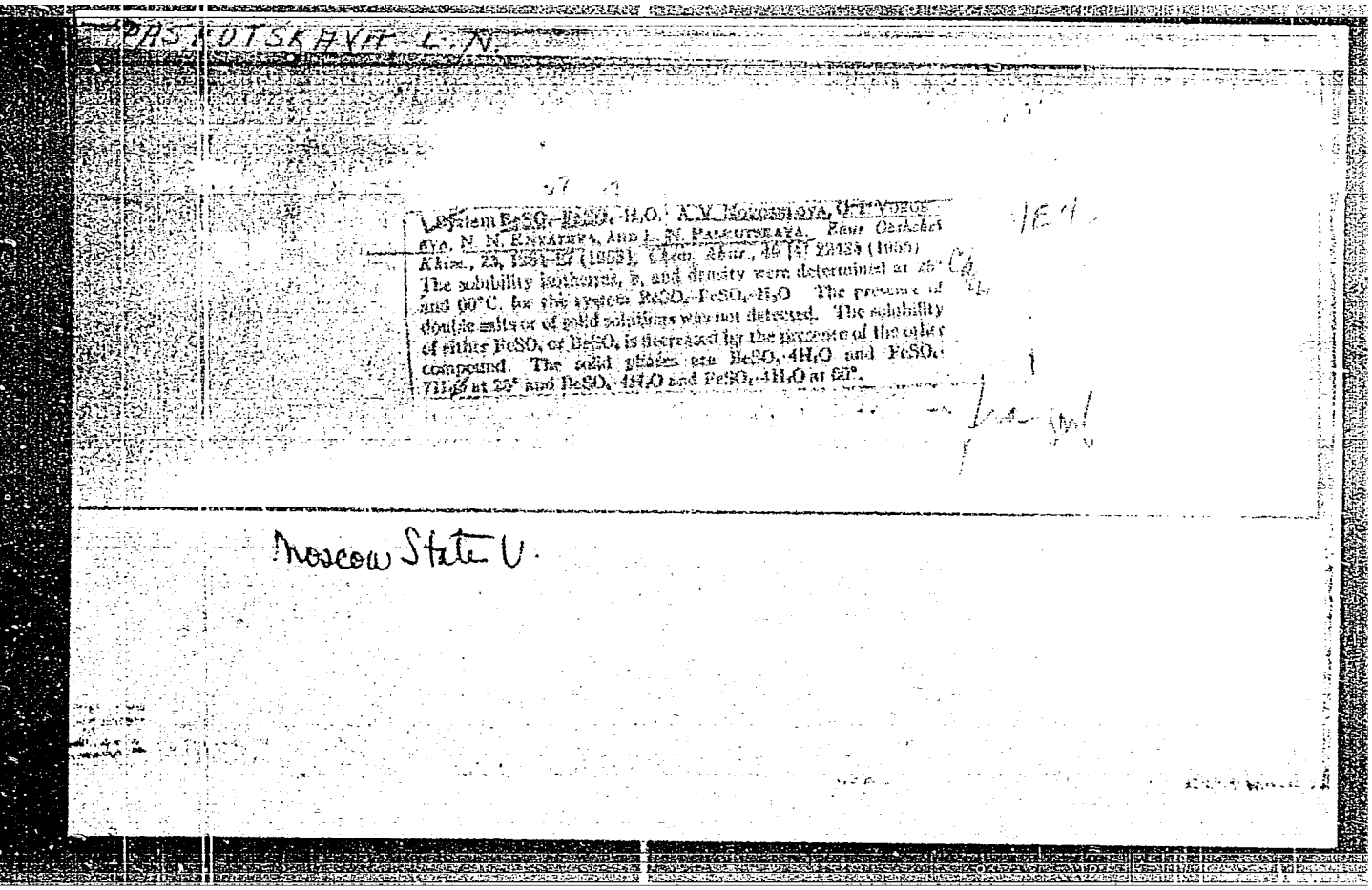
Korshunov, V.I. (Institut goryuchikh iskopayemykh Akademii nauk SSSR) suggested an apparatus for the fraction analysis of dispersive minerals. The apparatus consists of a cylindric vessel the lower end of which forms a cone and is connected to a tube where a straight-way cock is provided. At the side, in the middle of the cylinder, there is a feeder through which the fine-grained mineral is fed, mixed with a liquid which has approximately the same specific weight. The lighter fractions, which rise up are caught by the channel provided above; the heavier ones, which are deposited below, are eliminated by the straight-way cock.

Simonyan, A.A. (Moskovskiy torfyanoy institut) suggested an apparatus for the determination of the maximum of the shearing stress and the coefficients of the lateral pressure of the plastic materials (chalk, peat, etc.). The apparatus consists of a horizontally fixed tube of several parts which can easily be dissembled into its individual parts and has inside a thread-like cut which prevents the displacement of the material it contains. One of the branches of the tube has an inductor for measuring the lateral pressure. The pressure is caused by a piston, which is introduced into the tube. The other end of the tube is fitted with a closing device. The number of the parts of the tube is reduced by dismantling them as required. Examples of application, 1 figure.



DRUTSKAYA, L. N.

System $BaSO_4$-$FeSO_4$-H_2O. A. V. Nikolaeva, L. L. Yudina, Ya. N. Entatieva, and L. N. Rakhmukhaya. *Russ. J. Inorg. Chem.*, 23, 1351-57 (1963). *Chem. Abstr.*, 59 [5] 5013g (1963).

The solubility isotherms, n, and density were determined at 25° and 60°C. for the system $BaSO_4$-$FeSO_4$-H_2O. The presence of double salts or of solid solutions was not detected. The solubility of either $FeSO_4$ or $BaSO_4$ is decreased by the presence of the other compound. The solid phases are $BaSO_4 \cdot 4H_2O$ and $FeSO_4 \cdot 7H_2O$ at 25° and $BaSO_4 \cdot 4H_2O$ and $FeSO_4 \cdot 4H_2O$ at 60°.

Moscow State U.

[illegible], [illegible].

[illegible]KVA, [illegible]. Printing textile fibers with resins. p. 1005.

Vol. 5, No. 11, Nov. 1954.
TEKSTILA
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

KOZLOWSKA, Irena; PASLAWSKA-PRUS, Janina

The role of the dispensary attached to factories in procurement of suitable jobs for tuberculous patients. Gruzlica 24 no.8:859-863 Aug 56.

1. Z Wojewodzkiej Przychodni Przeciwgruzliczej we Wroclawiu Dyrektor: dr. W. Batycki.

(INDUSTRY AND OCCUPATIONS
employment of pulm. tuberculotics, serv. of factory dispensary)
(TUBERCULOSIS, PULMONARY
same)

PASLAWSKA-PRUS, Janina

Analysis of morbidity among subjects exposed to registered patients in an anti-tuberculosis clinic. Gruzlica 30 no.2:133-136 '62.

1. Z Wojewodzkiej Przychodni Przeciwgruzliczej we Wroclawiu Dyrektor: dr W. Batycki z Poradni Przeciwgruzliczej Szkoleniowej Kierownik: J. Paslawska-Prus.

(TUBERCULOSIS transm)

KANDZIORA, Stanislaw; PASLAWSKA-PIUS, Janina; ZAMBRZYCKI, Zdzislaw

Influence of the smallpox vaccination on the course of tuberculosis in adolescents and adults treated in a tuberculosis dispensary. Gruzlica 33 no.7:581-585 Jl '65.

1. Z Poradni Wzorcowej przy Wojewodzkiej Przychodni Przeciwgruzliczej we Wroclawiu (Dyrektor: dr. W. Batycki).

BATYCKI, Wojciech; PASLAWSKA, Janina; ROGALSKI, Eugeniusz

Results of conservative treatment with hyaluronidase of in tuberculose empyema. Gruzlica 24 no.2:99-106 Feb 56.

1. Z Miejskiego Szpitala Gruzlicy Pluc im. Dluskiego we Wroclawiu. Dyrektor: W. Batycki, Wroclaw--Biskupin, ul. Zielonego Debu 13.

(TUBERCULOSIS, PULMONARY, compl.
pleural empyema, ther., hyaluronidase
(HYALURONIDASE, ther. use
empyema, pulm., in pulm. tuberc.

PASLAWSKI, T.

Ninety-six million zlotys. p. 6.
(Las Polski, Warszawa, Vol. 30, no. 9, Sept. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

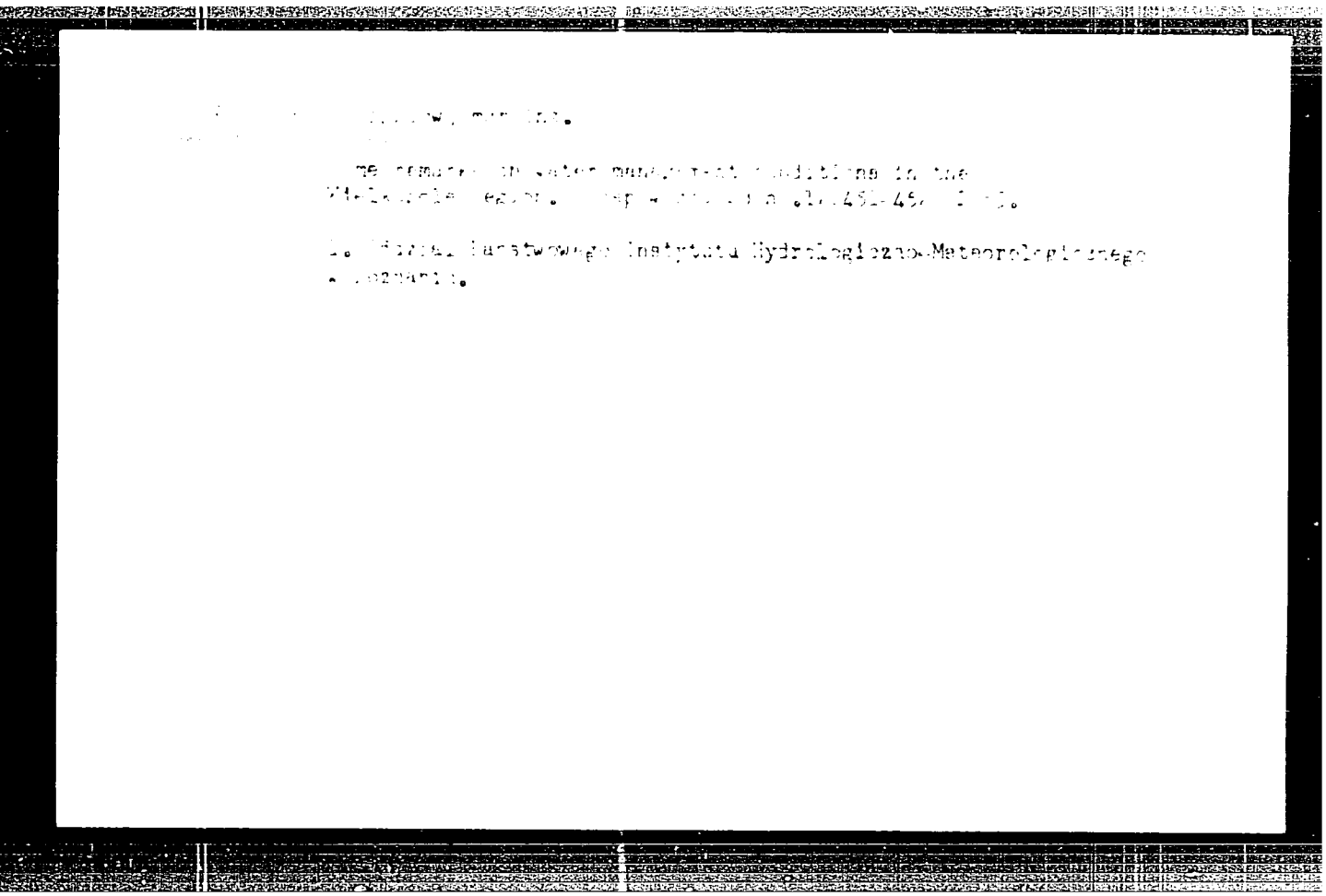
PASLAWSKI, Z.

PALAWSKI, Z. Review of publications. p. 423. GOSPODARKA WODNA. Warszawa, Poland. Vol. 15, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

PASLAWSKI, Z.

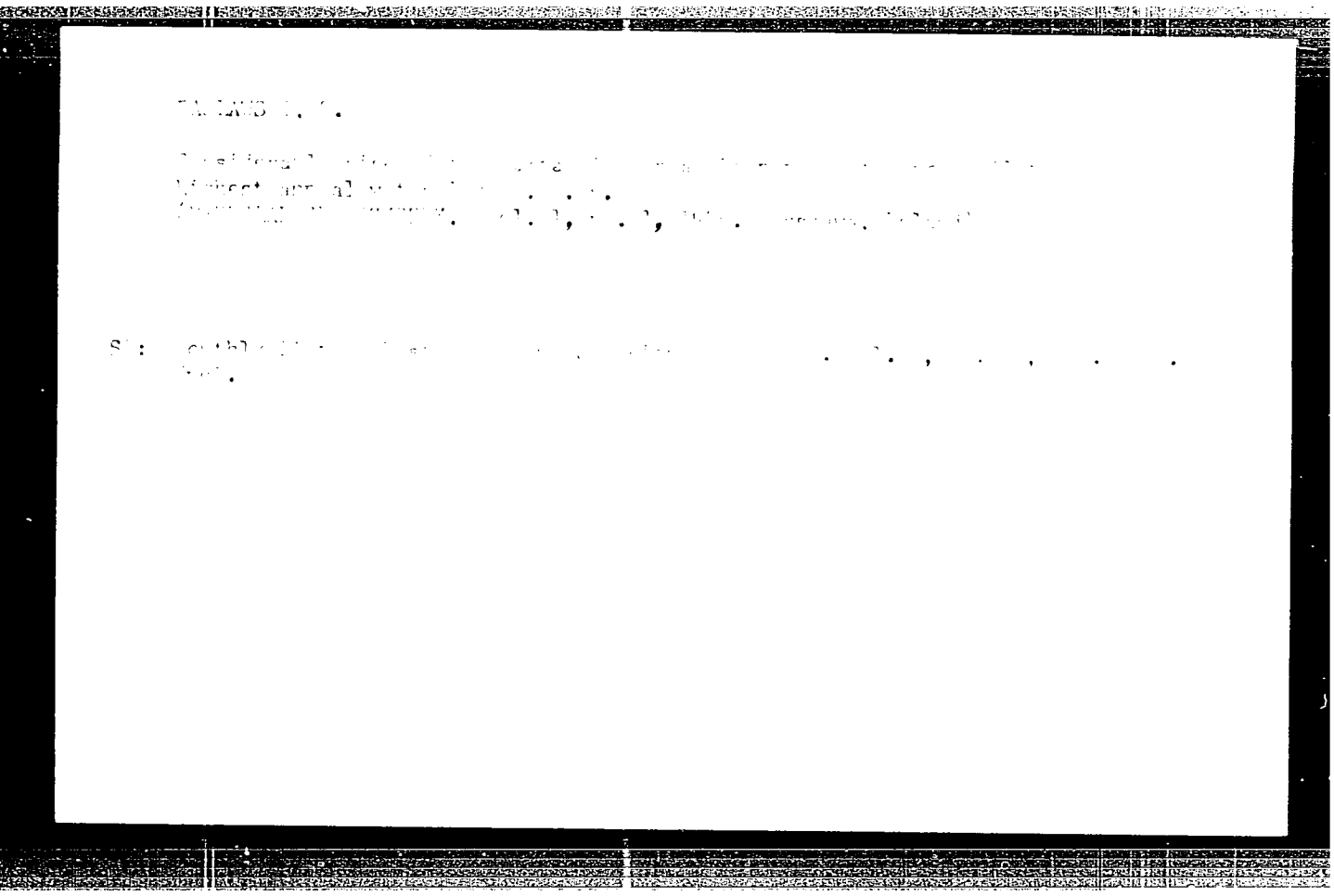
Hydrologic Service in the United States. Przegl geofiz 8 no.4:239-243 '63.



PASLAWSKI, Zbigniew, dr inz.

Methods of determining the flow through overgrown rivers.
Gosp wodna 24 no. 5:185 My '64.

1. State Institute of Hydrology and Meteorology, Poznan Branch.



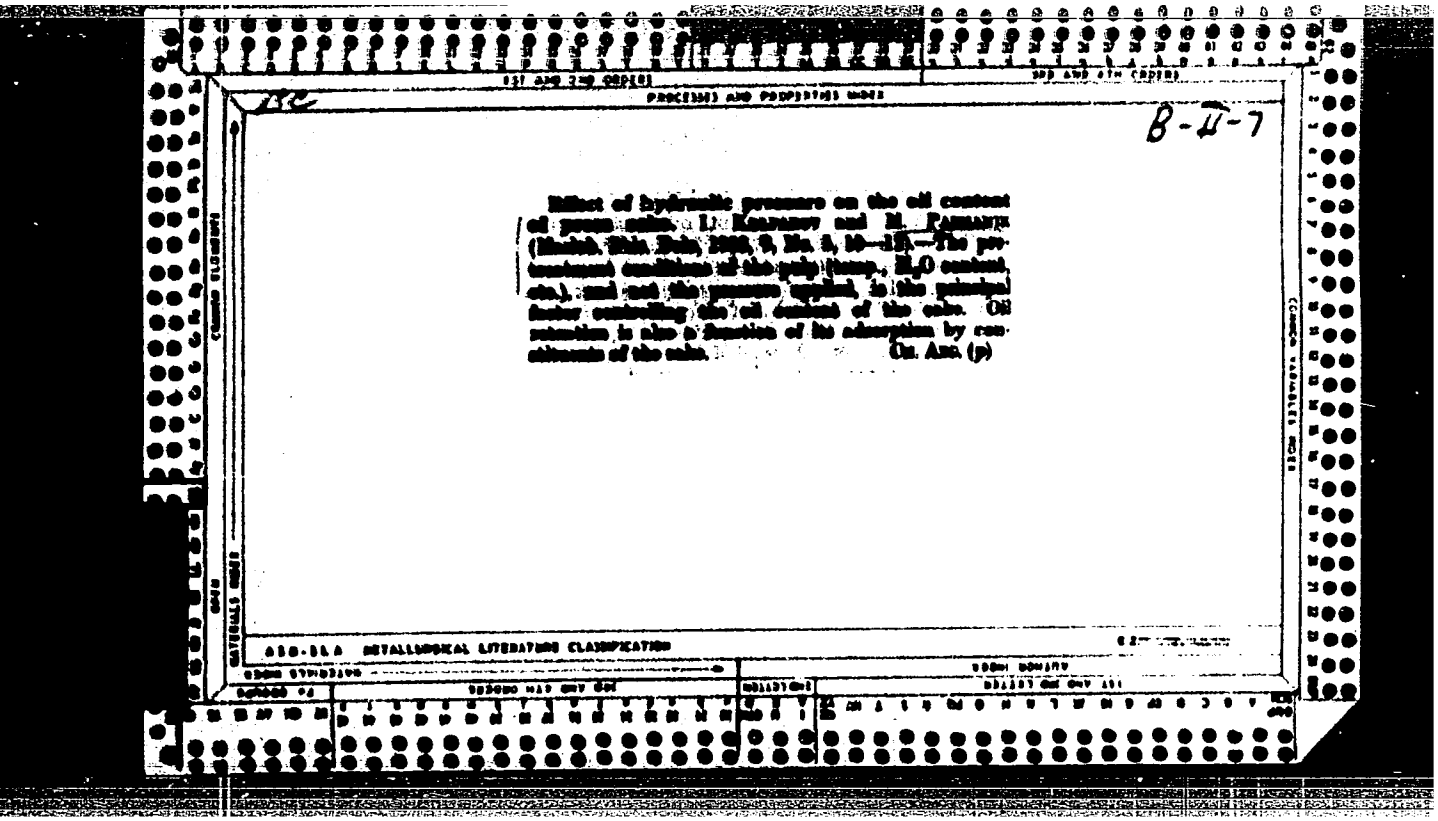
PASLER, J.

When and where casting may be substituted by welding. p. 283.

ZVARANIE Vol. 4, no. 9/10, Sept. 1955

Czechoslovakia

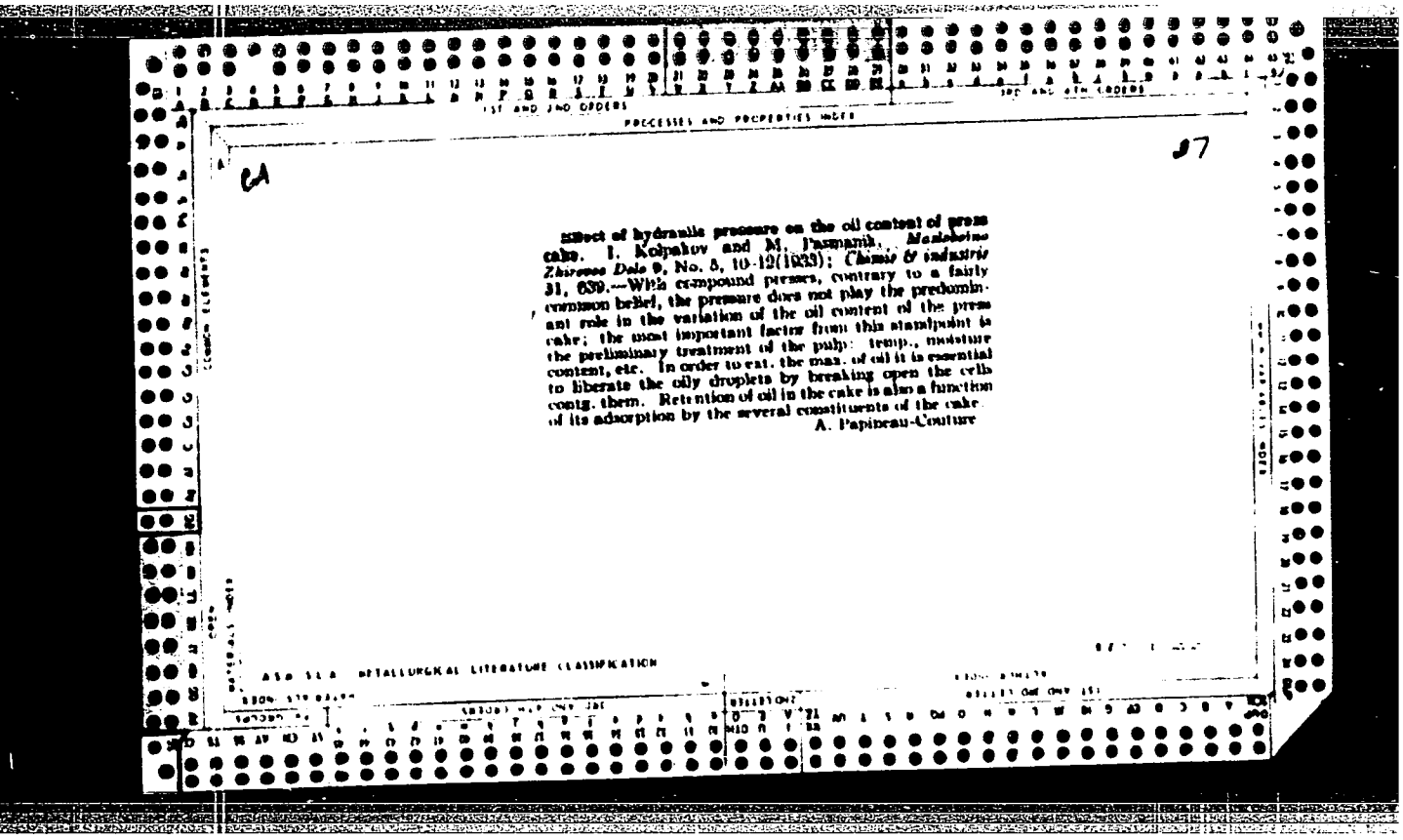
Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956



B-II-7

Effect of hydraulic pressure on the oil content of green olives. I. Kesseruv and M. Farkash (Hadish. Shin. Beda, 1950, 9, No. 5, 10—15).—The pressurised conditions of the pulp (temp., H_2O content, etc.), and not the pressure applied, is the principal factor controlling the oil content of the cake. Oil retention is also a function of its adsorption by constituents of the cake. Ch. Abs. (p)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001239



Effect of hydraulic pressure on the oil content of press cake. I. Kolpakov and M. Passmanik. *Maslobino Zhirovoe Delo* 9, No. 5, 10-12(1933); *Chimie & industrie* 31, 639.—With compound presses, contrary to a fairly common belief, the pressure does not play the predominant role in the variation of the oil content of the press cake; the most important factor from this standpoint is the preliminary treatment of the pulp: temp., moisture content, etc. In order to ext. the max. of oil it is essential to liberate the oily droplets by breaking open the cells contg. them. Retention of oil in the cake is also a function of its adsorption by the several constituents of the cake.
A. Papineau-Couture

15-57-10-14972

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 276 (USSR)

AUTHORS: Grinshpun, L. V., Paslen, D. A.

TITLE: Installation for the Control of the Movable Elements in Automatic Mine Apparatus for the Principal Ventilation System (Ustroystva dlya upravleniya peredviznnymi elementami avtomatizirovannykh shakhtnykh ustanovok glavnogo provetrivaniya)

PERIODICAL: V sb: Avtomatizatsiya v ugol'n. prom-sti. Moscow, Ugletekhizdat, 1956, pp 286-346

ABSTRACT: The automation of some ventilating apparatus is impossible without changing the construction of the equipment that distributes the air. When converting the principal ventilating system of a mine to remote control, it is necessary to provide a dispatching desk for performing the following operations: the starting and stopping of electric motors, control of the working of the ventilating equipment, regulation of the

Card 1/3

Installation for the Control of the Movable Elements (Cont.)

apparatus for reversing the air flow, and switching in reserve ventilators in case of stoppage of the principal system. The last two operations can be successfully accomplished only when the movable elements work reliably: shutters, plungers, slide valves, gate valves. The movable elements of the ventilating system should not bind, should be properly sealed, and should be correctly placed. The plunger should be enclosed, as a rule. The ventilator registers should be closed by metal shutters with rubber gaskets. The principal fault of existing shutters is the inadequate rigidity of construction; because of this they do not fit snugly in the frames. A general fault of plungers, gate valves, and shutters is that they are not properly sealed. The authors recommend the use of a rigid shutter with rubber gasket manufactured by the Southern State Institute for the Design and Planning of Mine Construction in the Coal Industry; this shutter will permit successful operation under mine conditions. The construction of a plunger answering fully the problems of mine conditions is described. The author discusses the successful construction of a single-gate valve used at the imeni OGPU (United State Political Administration) mine. He recommends

Card 2/3

Installation for the Control of the Movable Elements (Cont.)

the wide introduction of a type of removable shutters tested by the Donets Coal Mining Institute under mine conditions. These shutters may be repaired without stopping the ventilation process. A reversible arrangement deserves attention. It consists of two gate valves rigidly joined together at an angle of 135°, the axis of which turns on an anti-friction bearing. This arrangement automatically directs the air along the lower channel under the head of ventilation air, thus giving it its great advantage. An arrangement of two automatic movable shutters, joined to each other by a system of blocks, works on a similar principle. This arrangement may be used only with rectangular channels. For mines now under construction it is recommended that a system of ventilation be used without single-gate valves. The authors describe installations with different methods of air intake and delivery in ventilating systems being used in mines. He also discusses the principles on which they work, the methods of converting them to remote control systems, and the apparatus and equipment necessary to accomplish these tasks.

Card 3/3

A. D. Bargi novskiy

Pasler, D. A

AL'TSHULER, Z.Ye., inzh.; BASTUNSKIY, M.A., inzh.; BERSTEL', V.N., inzh.; BIRENBERG, I.E., inzh.; BOGOPOLSKIY, B.Kh., inzh.; BUKHARIN, S.I., inzh.; GERSHTEYN, B.G., inzh.; GRINSHPUN, L.V., inzh.; DREYYER, G.I., inzh.; DINGERSHTEYN, A.G., inzh.; ZLATOPOL'SKIY, D.S., inzh.; KLANYUK, A.V., inzh.; KOZIN, Yu.V., inzh.; LEVITIN, I.P., inzh.; MEL'NIKOV, L.F., inzh.; MEL'KUMOV, L.G., inzh.; NADEL', M.B., inzh.; PAVLOV, N.A., inzh.; PASLEN, D.A., inzh.; PESIN, B.Ya., inzh.; PYATKOVSKIY, P.I., inzh.; RAZNOSCHIKOV, D.V., inzh.; ROZENOYER, G.Ya., inzh.; ROZENBERG, R.L., inzh.; ROYTENBERG, N.L., inzh.; RYABINSKIY, Ya.I., inzh.; SYPCHENKO, I.I., inzh.; TABACHNIKOV, L.D., inzh.; FEL'DMAN, E.S., inzh.; SHTRAKHMAN, G.Ya., inzh.; SHTERNGAS, N.S., inzh.; LEVITIN, I.P., otvetstvennyy red.; STEL'MAKH, A.N., red.izd-va; BEKKER, O.G., tekhn.red.

[Overall mechanization and automatization of production processes in the coal industry] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v ugol'noi promyshlennosti. Pod red. IU.V.Kozina i dr. Moskva, Ugletekhizdat, 1957. 82 p. (MIRA 11:3)

1. Gosudarstvennyy proyektno-konstruktorskiy institut. 2. Institut Giprouglеavtomatizatsiya i Tekhnicheskogo Upravleniya Ministerstva ugol'noy promyshlennosti (for all except: Levitin, Stel'makh, Bekker)

(Automatic control) (Coal mining machinery)

STEPANOV, I.; YESAKOVA, T.; POLYAN, R.; PASMAN, B.; TRET'YACHENKO, B. (Novosibirsk)

All-Union state standards and sizes of clothing. Okhr.truda i sots.strakh. no.10:35-38 O '59. (MIRA 13:2)

1. Brigadir sklada slyabov tsekha goryachego prokata zavoda imeni Kuz'mina (for Stepanov). 2. Starshiy inzhener otdela vospomogatel'nykh materialov Novosibirskogo sovnarkhoza (for Yesakova). 3. Redaktor mnogotirazhnoy gazety "Stankostroitel'" (for Polyan). 4. Redaktor gazety "Metallurg" (for Pasman). 5. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye" (for Tret'yachenko).
(Novosibirsk Province--Work clothes)

KUZNETSOV, I. (Novosibirsk); PASMAN, B. (Novosibirsk)

Memorable meeting with M. Gor'kii. Sov.foto 19 no.3:83 Mr '59.
(MIRA 12:4)
(Gor'kii, Maksim, 1868-1936)

PEREVOZCHIKOV, B.S.; SANNIKOV, S.S.; PASMANIK, A.I.; Prinimali uchastiye: PROTOPOPOVA, T.I.; BOL'SHAKOV, Yu.A.; KOROLEV, V.O.; TROSTYANITSER, G.N.; [illegible]BEIY, G.A.; DEVYATOV, I.I.

Adjustment of low-flash forging on a 4000-ton, NKMZ crankshaft hot forging press. Kuz.-shtam. proizv. 3 no.8:41-43 Ag '61. (MIRA 14:8)

(Forging) (Power presses)

S/182/61/000/008/005/005
D038/D113

AUTHORS: Perevozchikov, B.S.; Sannikov, S.S.; Pasmanik, A.I.

TITLE: Experience in the debugging of low-burr stamping on a 4000-t NKMZ crank drop forging press

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 8, 1961, 41-43

TEXT: This article deals with the debugging of a new "low-burr stamping" process, used for circular forgings, in which the metal instead of forming a circumferential burr flows inwards into the central compensating cavity of the die impression. This consequently saves a great deal of metal. The production of two forgings, i.e. the rear axle reduction gear drive pinions of the Волга (Volga) and the ГАЗ-51 (GAZ-51) automobiles was debugged on a 4000-ton НКМЗ (NKMZ) crank drop forging press at the forging department of the Gor'kovskiy avtomobil'nyy zavod (the Gor'kiy Automobile Plant) by workers of that plant and of the ENIKMASh. Forgings reduced 2.86 times were used in the initial stages of the process and the blanks were heated in a gas holding furnace to 1150-1200°C. The Volga rear axle reduction gear drive

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pinion was stamped as follows: upsetting of the blank on hammer heads, transfer of the upset blank into the work counter die; preliminary and final stamping in two press passes with a subsequent feeding of two punches to the counter die by a rotating punch head. The excess of metal during the last draw flowed across an internal burr bridge into the central cavity (compensator) of the punch of the third draw (Fig. 2). The height of the facing burr of the forging did not exceed 2-3 mm. As a result of the experiments, the weight of the blanks decreased compared to those now in use at the plant e.g. the Volga rear axle reduction gear drive pinion decreased by 1 kg, and that of the GAZ-51 by 3.5 kg. The new process is recommended for normal multi-die stamping. It is stated that the debugging of the production process would lower tool and equipment costs, and that the low-burr stamping process only recently attracted the attention of technicians and research workers. The following took part in the work: T.I. Protopopova, Yu.A. Bol'shakov, V.O. Korolev, G.N. Trostyanitser, G.A. Troitskiy and I.I. Devyatov. There are 4 figures, 1 table and 5 Soviet references.

PASMANNIK, L.A., klinicheskiy ordinator

Surgical treatment of valgoid hallux varus. Zdrav. Bel. 7 no.6:46-47 Je '61. (MIRA 15:2)

1. Iz Minskogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii (direktor - prof. R.M.Minina, nauchnyy rukovoditel' - prof. B.N.TSypkin [deceased]).
(FOOT--SURGERY)

PASNICKI, H.

PASNICKI, H. The model 55-15069-1 impulse modulator. p. 355.

Vol. 29, no. 11, Nov. 1956
PRZEGLAD TELEKOMUNIKACYJNY
PHILOSOPHY & RELIGION
Warszawa, Poland

SO: East European Accession, Vol. 6, March 1957

HOZOC, Marin; PASNICU, Ion

Four hundred and forty-eight families in new houses. Constr
Buc 16 no.732:1 18 Ja'64.

MOISE, D., corespondent; PASNICU, Ion; CIRSTOIU, Valentin

Commercial complexes. Constr Buc 16 no. 7[illegible] June '64.

PASNICU, Ion

Plinth advantageous systems. Constr Buc 16 no.737:3
22 F'64.

1. Mozaicar la grupul de santiere nr.1, Trustul Regional de Constructii de Locuinte, Iasi.

PASNIK, V.I., inzh.; SOROKOPUD, A.N., inzh.

Redesigning the UU-11-43 level indicator. Avtom., telem. i sviaz' 4 no.7:35-37 Jl '60. (MIRA 13:7)

1. Laboratoriya signalizatsii i svyazi Kazanskoy dorogi.
(Railroads--Electronic equipment)
(Electronic measurements)

POLAND/Pharmacology, Toxicology. Chemotherapeutical Preparations V-7

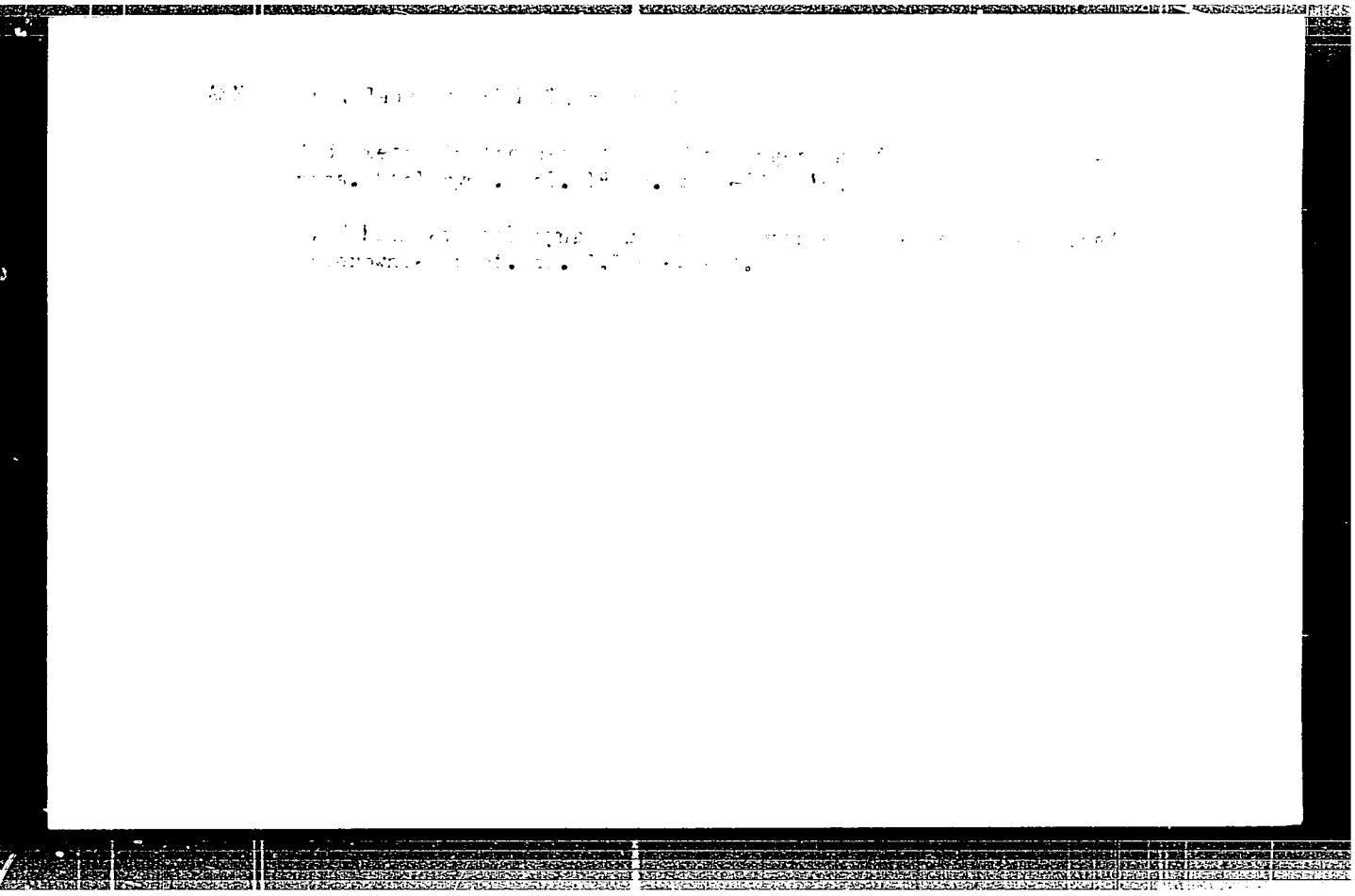
Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23486

Author : Pasnikowski T.
Inst : Not Given
Title : The Treatment of Tubercular Lymphadenitis of the Nech with T-40

Orig Pub : Otolaryngol. polska, 1955, 9, No 3, 233-237

Abstract : Forty eight patients with tubercular lymphadenitis of the neck were treated with T-40 (sodium bromo-salicylo-hydroxamate). Twenty-two patients completely recovered; improvement was noticed in 21 patients; the treatment of 5 patients was ineffective. No side-effects were observed. Medical histories of the sickness were given.

Card : 1/1



PASNIKOWSKI, Tadeusz

Hearing test by means of electroencephalography. Otolaryng. Pol. 19 n.1:55-61 '65.

1. Z Kliniki Otolaryngologicznej Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. med. J. Tanlewski).

PASDIKOWSKI, Tadeusz; GREC, Stanislaw

Mandibular atrophy (Gorham's disease). Case report. Polski tygod. lek. 15 no.33:1277-1279 15 Ag '60.

1. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie; kierownik: prof. dr med. J.Taniewski i z Zakladu Radiologii P.A.M. kierownik: prof. dr med. Cz. Murczynski
(MANDIBLE dis.)
(ATROPHY case reports)

PASNIKOWSKI, Tadeusz (Szczecin, Garncarska 3/7)

Equilibrium organ in hypertension. Otolar. polska 8 no.4:295-304 1954.

1. Z Kliniki Otolaryngologicznej Pomorskiej Akademii Medycznej w Szczecinie. Kierownik: prof. dr J.Taniewski

(HYPERTENSION, physiology, vestibular appar.)
(VESTIBULAR APPARATUS, in various diseases, hypertension)

PASNIKOWSKI, Tadeusz

Autonomic nervous system in chronic tonsillitis. Otolar. polska 10 no.3-4:429-432 1956.

1. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie Kierownik: prof. dr. J. Taniewski. Szczecin, Unii Lubelskiej 1.
(AUTONOMIC NERVOUS SYSTEM, in various diseases, tonsillitis (Pol))
(TONSILLITIS, physiology, autonomic NS (Pol))

PASNIKOWSKI, Tadeusz.

Treatment of lymph node tuberculosis of the neck with preparation T_{40}. Otolar. polska 9 no.3:233-237 1955.

1. Z Kliniki Otolaryngologicznej Pomorskiej A.M. w Szczecinie. Kierownik: prof. dr. J.Taniewski.

(SALICYLIC ACID, derivatives,
salicylohydroxamic acid in lymph node tuberc. of neck)
(TUBERCULOSIS, LYMPH NODE, therapy,
salicylohydroxamic acid in tuberc. of neck)

PASNIKOWSKI, Tadeusz

Studies on the equilibrium function in hypertension. Rocsn. pom. akad. med. Swierczewski. 7:173-185 '61.

1. Z Kliniki Otalaryngologicznej Pomorskiej Akademii Medycznej Kierownik: prof. dr med. J. Taniewski.

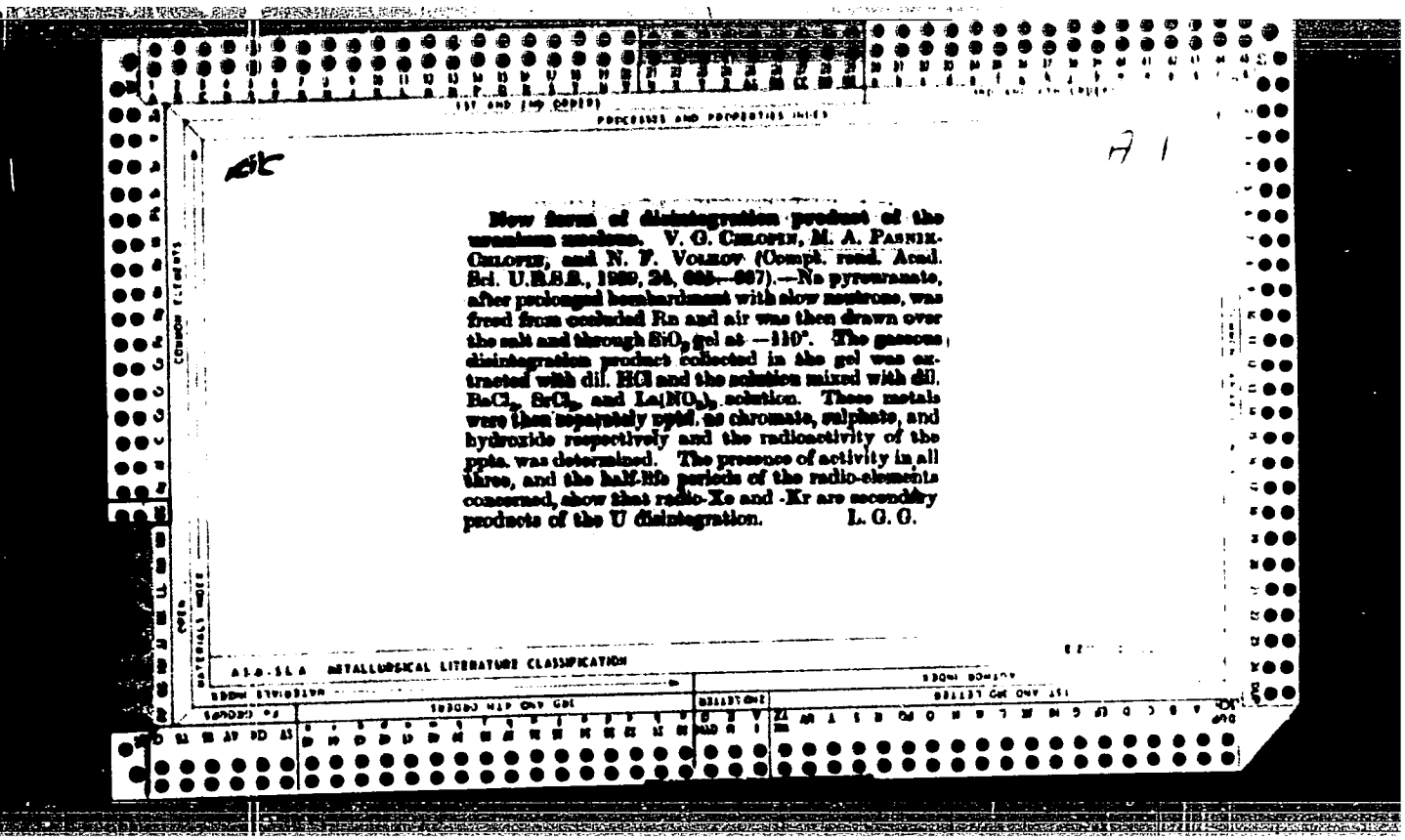
(HYPERTENSION physiol) (EQUILIBRIUM)

PASNIKOWSKI, Tadeusz

Papillomas of the nose and paranasal sinuses. Pol. tyg. lek. 17 no.10: 346-348 5 Mr '62.

1. Z Kliniki Otolaryngologicznej Pom. AM w Szczecinie; kierownik: prof. dr J. Taniewski.

(PAPILLOMA case reports) (NOSE neopl)
(PARANASAL SINUSES neopl)



New forms of disintegration product of the uranium nucleus. V. G. Chlopin, M. A. Pasnik-Chlopin, and N. F. Vollkov (Compt. rend. Acad. Sci. U.R.S.S., 1939, 24, 603–607).—No pyrouranate, after prolonged bombardment with slow neutrons, was freed from occluded Rn and air was then drawn over the salt and through SiO_2 gel at −110°. The gaseous disintegration product collected in the gel was extracted with dil. HCl and the solution mixed with dil. $BaCl_2$, $SrCl_2$, and $La(NO_3)_3$ solution. These metals were then separately pptd. as chromate, sulphate, and hydroxide respectively and the radioactivity of the ppts. was determined. The presence of activity in all three, and the half-life periods of the radio-elements concerned, show that radio-Xe and -Kr are secondary products of the U disintegration. L. G. G.

L 33068-66

ACC NR: AP6024221 SOURCE CODE: RU/0007/65/016/010/0562/0565

AUTHOR: Rotaru, A. (Engineer); Pasol, G.--Pashol, T.

ORG: none

TITLE: Research and experiments on hydraulic decoking

SOURCE: Petrol si gaze, v. 16, no. 10, 1965, 562-565

TOPIC TAGS: hydraulic device, coke

ABSTRACT: The author describes the process of decoking by means of water-jet devices and traces the development of a novel device for hydraulic decoking which performs all three of the operations involved. Both the design and the advantages of the device are discussed in some detail. Orig. art. has: 7 figures and 1 table. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none

Card 1/1

PASCAL, Paul

Studies on chemically fighting the cereal beetles (Anisoplia sp. .
Studii cerc biol s. zool an ro. 4:361-366 '64.

1. Chief of the Laboratory for "Plant Pathology" Agricultural
Institute.

GRABOVSKIY, A.M.; DUNCHEVSKIY, G.M.; PASOV, M.S.; RABICHENKO, A.S.; BASHIN, S.Ya.

Mechanization of the process of degreasing and washing of natural bristles. Kozh.-obuv. prom. no.3:32-35 Mr '59.
(MIRA 12:6)

(Bristles--Cleaning) (Washing machines)

PASOV, M.S.; BABICHENKO, A.S.; BASHIN, S.Ya.

New technological processes in manufacturing paintbrushes. Leg. prom. 18 no.2:48-49 F '58. (MIRA 11:2)

1. Direktor Odesskoy shchetino-shchetochnoy fabriki (for Pasov). 2. Glavnyy inzhener Odesskoy shchetino-shchetochnoy fabriki (for Babichenko). 3. Nachal'nik laboratorii Odesskoy shchetino-shchetochnoy fabriki (for Bashin).
(Brooms and brushes)

PASOVA, F.G.

Chemicomineralogical characteristics of bauxites in Amangel'dy deposits and their wall rocks. Trudy Inst.geol.nauk AN Kazakh. SSR no.2:36-68 '59. (MIRA 13:4)
(Amangel'dy District--Bauxite)

AL'TGAUZEN, M.N.; GINZBURG, I.I.; DUBOVSKAYA, M.V.; YERSHOV, A.D.; MELKOV, V.G.; OS'KIN, N.I.; ROZHKOVA, Ye.V.; STRAKHOV, N.M.; KHRUSHCHOV, N.A.; SHMANENKOV, I.V.; SHCHERBAKOV, D.I.; YANSHIN, A.L.; AMIRASLANOV, A.A.; GOTMAN, Ya.D.; ZUBREV, I.N.; KOROVYAKOV, I.A.; ORLOVA, P.V.; PASOVA, E.G.; SAAKYAN, P.S.; TERENT'YEVA, K.F.; SHANOBSKIY, L.M.; CHERNOSVITOV, Yu.L.; SHCHERBINA, V.V.

IUrii Konstantinovich Goretskii; obituary. Sov.geol. 4 no.12: 153-155 D '61. (MIRA 15:2)
(Goretskii, Iurii Konstantinovich, 1912-1961)

GORETSKIY, Yu.K. [deceased]; TERENT'YEVA, K.F.; PASOVA, F.G.

Bauxites of some deposits in the Republic of Guinea. Min.syr'e no. 7:116-138 '63. (MIRA 16:9)
(Guinea--Bauxite)

PASOVA, F. G.: Master Geolog-Mineralo, Sci (diss) -- "The mineral [illegible] ogy, and conditions of formation of bauxite-bearing strata in the Ananeil'i deposits of Kazakhstan". Moscow, 1959. 12 pp (Min Geology and Protection of Natural Resources USSR, All-Union Sci Res Inst of Mineral Raw Materials), 200 copies (KL, No 13, 1959, 102)

PASOVA, F. G.

"Conditions of Bauxite Formation" p162

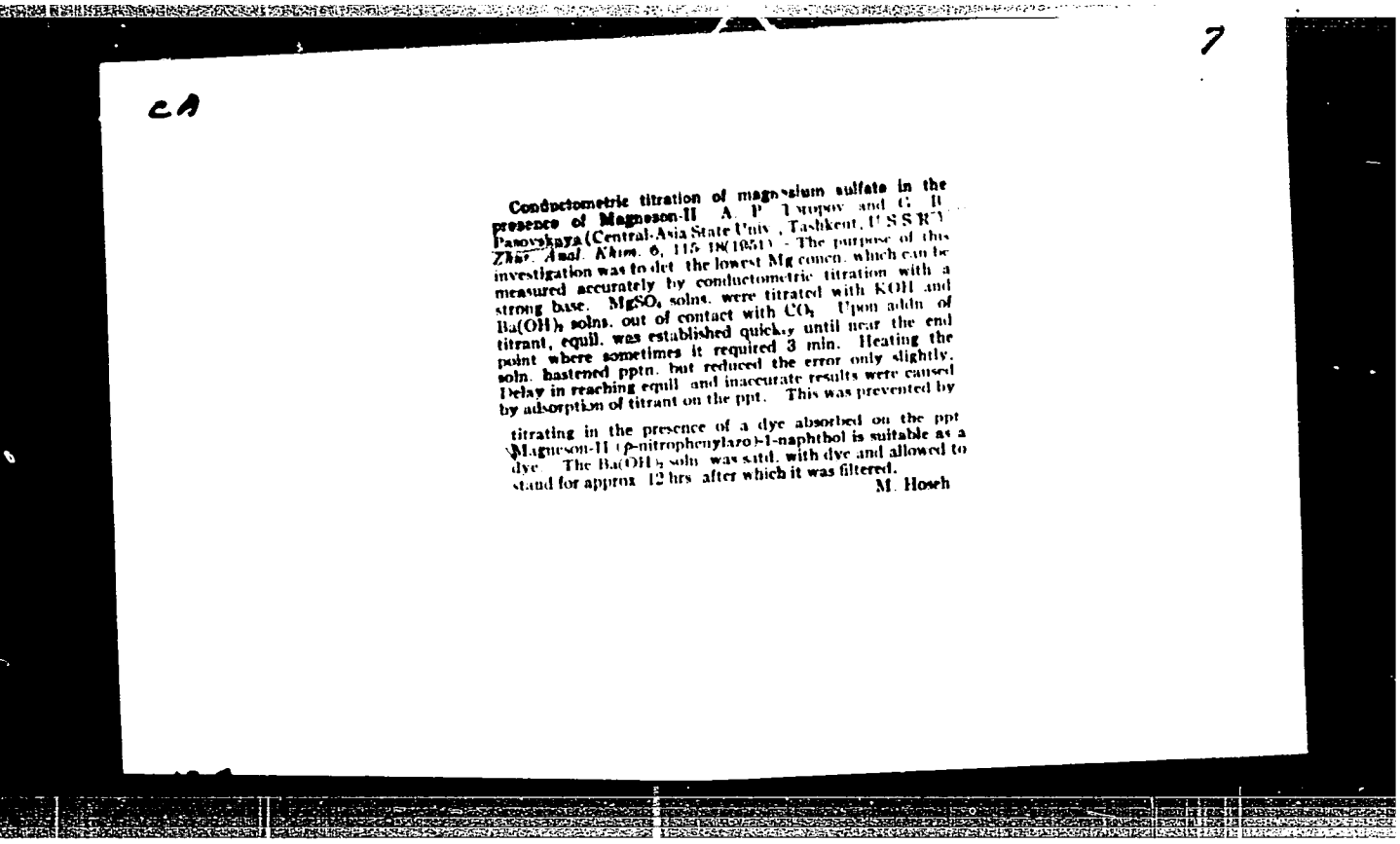
Mineralogy and Origin of Bauxites, Moscow, Izd-vo AN SSSR (otd. geologo-geograf. nauk) 1958, 488pp.

This collection of articles by various authors on the mineralogy and geochemistyy of bauxites appeared as a result of 1955 conf. on the origin of bauxite (Chairman, Acad. N. M. Stakhov)

SEVEROVA, Ye.Ya.; PASOVA, I.Ye.

Case of severe allergic reaction with agranulocytosis due to penicillin. Sov.med. 24 no.11:44-46 N '60. (MIRA 14:3)

1. Iz kliniki obshchey i gospital'noy terapii (dir. - deystvitel'nyy chlen AMN SSSR prof. Ye.M.Tareyev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova i patologoanatomicheskogo otdela (zav. - prof. A.V.Smol'yannikov) Moskovskogo gorodskogo nauchno-issledovatel'skogo instituta skoroy pomoshchi imeni N.V.Sklifosovskogo (dir. M.M.Tarasov).
(PENICILLIN) (ALLERGY) (AGRANULOCYTOSIS)



CA

7

Conductometric titration of magnesium sulfate in the presence of Magneson-II A. P. Dropov and G. B. Panovskaya (Central-Asia State Univ., Tashkent, U.S.S.R.) *Zhur. Anal. Khim.* 6, 115-18(1951).—The purpose of this investigation was to det. the lowest Mg concn. which can be measured accurately by conductometric titration with a strong base. $MgSO_4$ solns. were titrated with KOH and $Ba(OH)_2$ solns. out of contact with CO_2. Upon addn. of titrant, equil. was established quickly until near the end point where sometimes it required 3 min. Heating the soln. hastened pptn. but reduced the error only slightly. Delay in reaching equil. and inaccurate results were caused by adsorption of titrant on the ppt. This was prevented by titrating in the presence of a dye absorbed on the ppt. Magneson-II (p-nitrophenylazo-1-naphthol is suitable as a dye. The $Ba(OH)_2$ soln. was stdd. with dye and allowed to stand for approx. 12 hrs. after which it was filtered.

M. Hosch

TOROPOV, A.P.; PASOVSKAYA, G.B.

New method for conductiometric and amperometric titration. Trudy SAGU no.27:75-79 '51. (MLRA 9:5)

(Titrimeters)

PASOVSKAYA, G.B.; UDOVENKO, V.V.

Simplified methods for the determination of alkali metals in presence of magnesium. Trudy SAGU no.27:81-88 '51. (MLRA 9:5)
(Alkali metals) (Conductiometric analysis)

PASOVSKAYA, G.B.

Chemical Abst.
Vol. 48 No. 4
Feb. 25, 1954
Analytical Chemistry

Conductometric determination of magnesium and alkali metals when present together. G. B. Pasovskaya and V. V. Udovenko. *Trudy Komissii Anal. Khim., Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 4(7), 196–204(1952).—Four methods are described: (1) conductometric titration of an aq. alc. soln. of the sulfates by $Ba(OH)_2$ and by $Ba(OAc)_2$; (2) conductometric titration of an aq. soln. of the sulfates by $Ba(OH)_2$, by (*p*-nitrobenzeneazo)-1-naphthol (magneson-II), and by $Ba(OAc)_2$; (3) conductometric titration of aq. alc. soln. of sulfates by $Ba(OH)_2$ for the Mg detn. (alkali metals content was read from a graph of the lowering of the sp. conductance *vs.* the Na_2SO_4 content); (4) similar method except that the content of alkali metals was read from a graph of the angle between the 2 arms of the curve (at the Mg equivalence point) *vs.* the Na_2SO_4 content. In method 1, $Ba(OH)_2$ was added until cond. stopped decreasing. This inflection point corresponded to the Mg content. Five small portions of $Ba(OH)_2$ were added from a microburet to plot a small rise in cond. Then $Ba(OAc)_2$ was added (cond. decreased) until another inflection point was reached. The $Ba(OH)_2$ and $Ba(OAc)_2$ added between the inflection points corresponded to the content of alkali metals. Eurilla Mayerle

(3)

7-13-54

PASOVSKAYA, G. B.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Analytical Chemistry

(3)

Conductometric titration of zinc with barium hydroxide. V. V. Nidovenko and G. B. Pasovskaya (Central Asian State Univ., Tashkent). *J. Anal. Chem.* (U.S.S.R.) 7, 177–9 (1952) (Engl. translation).—See *C.A.* 47, 1538e. H. L. H.

PASOVSKAYA, G. B.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Analytical Chemistry

(3) 8

Conductometric determination of potassium with sodium picrate. V. V. Udovenko and G. B. Pasovskaya (Central Asian State Univ., Tashkent). *J. Anal. Chem.* (U.S.S.R.) 7, 181-2(1952)(Engl. translation).—See *C.A.* 47, 1530d.
H. L. H.

MF 11-4-54

UDOVENKO, V.V.; PASOVSKAYA, G.B.

Conductance method for the study of the adsorption of electrolytes.
Trudy SAGU no.33:35-37 '52. (MLRA 9:5)
(Electrolytes) (Adsorption)

PASOVSKAYA, G.B.

Conductometric method of determining the ion of trivalent iron. G. B. Pasovskaya. *Inst. Akad. Nauk Turkmen. S.S.R.* Na salicylate somewhat dild. with water was used. The titer of reagent was first detd. by conductometric titration with standard soln. of Fe chloride. The curve shows that after addn. of reagent, elec. cond. does not change with time. Titrations were made of aq. and slightly acidified (HCl) aq. solns. of Fe chloride. On the basis of expts., an inverse relation was established between the amt. of HCl added and slope of the excess reagent curve. Titration was done with the aid of an optical indicator. Expts. showed that NH_4^+, SO_4^{--}, NO_3^-, HCO_3^-, and CO_3^{--} do not interfere with detn. Al^{+++}, Mg^{++}, and Ca^{++}, within certain concns., do not shift point of equivalence. B. Z. Kamich

PASOVSKAYA, G.B.

Conductometric analysis. Izv.AN Turk.SSR no.4:35-42 '55.(MLRA 9:5)

1. Turkmenskiy gosudarstvennyy meditsinskiy institut imeni I.V. Stalina.

(Potentiometric analysis)

PASOVSKAYA, G. B.

0005

Rapid method of the determination of calcium in the presence of magnesium. G. B. Pasovskaya (Central Asia State Univ., Tashkent). *Trudy Komissii Anal. Khim., Akad. Nauk S.S.S.R., Inst. Geokhim. i Anal. Khim.* 7, 272-5(1956).—To a soln. contg. $CaCl_2$ (3-97 mg.) and $MgCl_2$ (0-123.5 mg.), one ml. of a satd. EtOH soln. of magneson II (*C.A.* 45, 6907*h*), 5 ml. NH_4OH (1:1), and H_2O to the total vol. 20 ml. are added. The detn. was carried out by means of conductometric titration with *N* K_2CrO_4 soln. K and Na do not interfere. N. Chirmandarian

PASOVSKAYA, G. B.

Determination of ammonium ion by conductometric titration. G. B. Pasovskaya (Turkmen State Med. Inst., Tashkent). Zhur. Anal. Khim. 11, 237–40(1956).—NH_4^+ was titrated conductometrically with NaOH as suggested by Kolthoff (*C.A.* 14, 3381) and Pfundt (*C.A.* 27, 5956). The NaOH was supplied from a pneumatically controlled microburet. Solns. contg. more than 4.5 mg. NH_4^+/50 ml. were reliably titrated with a NaOH soln. of which 0.0583 ml. was equival. to 1 mg. NH_4. More dil. NH_4 solns. required NaOH solns. of higher dilns. The min. titrated was 0.54 mg. NH_4/50 ml. in which case a NaOH soln. of which 0.0233 ml. was equival. to 1 mg. NH_4 was used. CO_3^{--} and HCO_3^- should be removed. K^+, Na^+, NO_3^-, SO_4^{--}, and Cl^- did not interfere when present up to certain concns. SiO_3^{--} may be present in very small quantities. Ca, Mg, Fe, and Al should be immobilized with NaF. When Fe is present, the titration curve 1st rises to a max. which corresponds to ppta. of $Fe(OH)_3$ and then declines to a min. which is the equival. point for NH_4.

M. Hosch

PASOVSKAYA, G. B.

27

Conductometric determination of aluminum. G. B. Pasovskaya (Turkmen Med. Inst., Ashkhabad). *Zhur. Anal. Khim.* 12, 700–1(1957).—To 5 ml. of 0.05*N* Na oxalate soln. is added a known vol. of Al soln., 0.5 ml. satd. methyl violet soln., a quantity of washed, dried, and finely ground Ca oxlate ppt., and 30 ml. of water, and the excess $Na_2C_2O_4$ is titrated conductometrically. The purpose of methyl violet is to prevent adsorption of ions on the ppt., and the purpose of the CaC_2O_4 is to improve crystn. Al 0.05 and more mg. in 30 ml. of soln. was detd. satisfactorily by this method. Fe^{+++} interferes and was removed by an outlined procedure. M. Hosch

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PASECHNIKAYA, G.B.

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