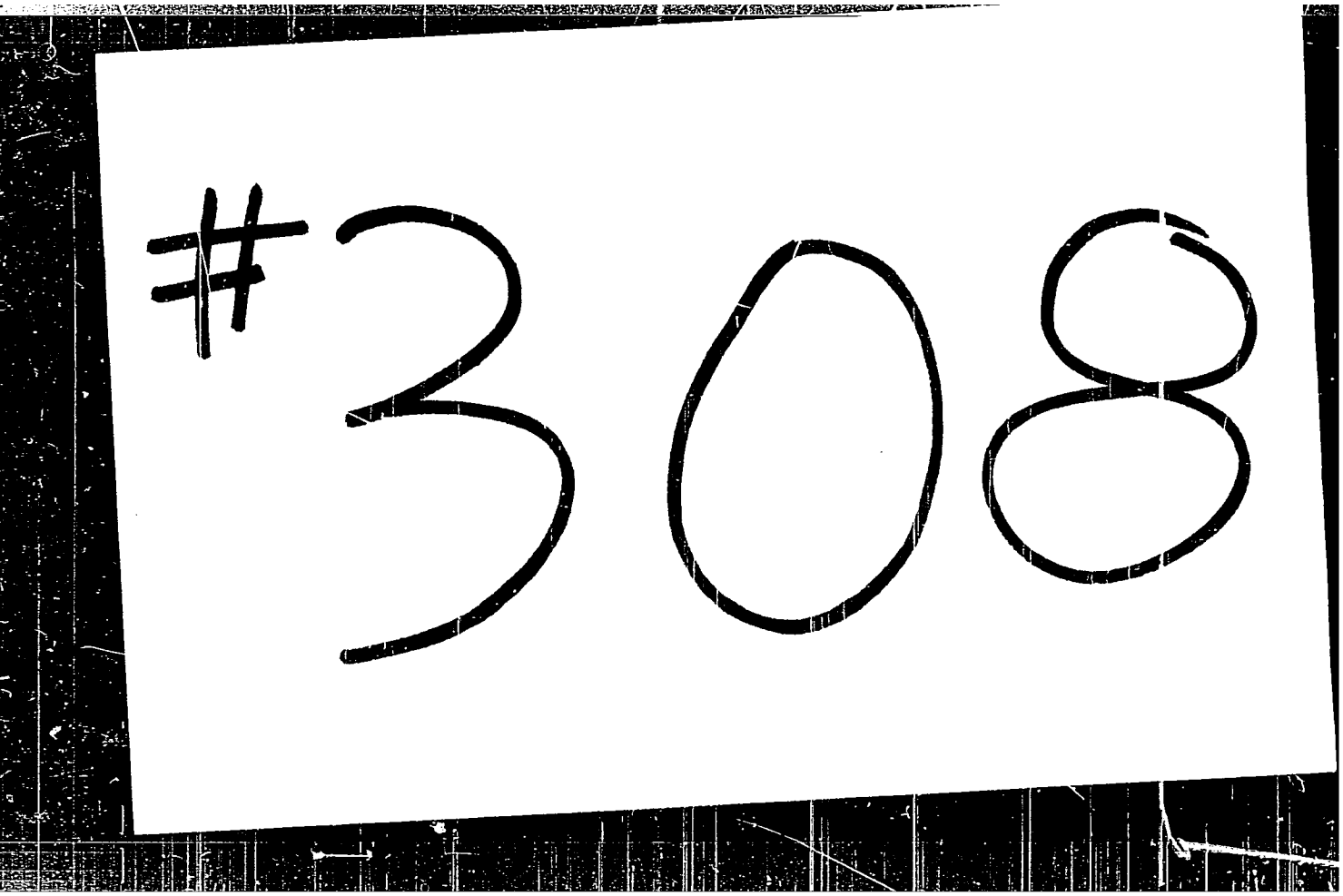

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929210001-7"

L 29808-66 EWP(e)/EWT(m)/EWP(t)/ETI IJP(c) JD/WH

ACC NR: AP6020872 SOURCE CODE: UR/0383/66/000/001/0043/0046

AUTHOR: Denisov, S. I.; Ivanov, A. I.; Lokalova, L. I.

ORG: none

TITLE: Industrial production of electrothermal silumin

SOURCE: Metallurgicheskaya i gornorudnaya promyshlennost', no. 1, 1966, 43-46

TOPIC TAGS: aluminum alloy, silicon alloy, metal extraction, metal melting, kaolin, annealing

ABSTRACT: The electrothermal method for production of silumin developed by the All-Union Aluminum and Magnesium Institute is preferable to the conventional technique of producing this alloy by melting pure aluminum and silicon. The introduction of this method into industry will reduce the capital outlay (by 25-30%) and net cost of silumin production (by 4-5% for low capacity plants and by 30-40% for large enterprises). The electrothermal method for Silumin production is effective even when less than 20% aluminum from the initial kaolin is used. Experiments were conducted to find optimum conditions for enrichment of kaolins to produce alloys without using alumina. The kaolins used in the study had the following chemical composition in %: Al_2O_3--39.62; SiO_2--44.42; Fe_2O_3--1.6; TiO_2--0.9; (CaO+MgO)--0.2; P_2O_5--0.08; calcination loss--12.98. A batch of kaolin with an Al_2O_3: SiO_2 ratio of 0.892 was roasted

Card 1/2 UDC: 669.713.6

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ACC NR: AP6020872

at various temperatures and then leached in a 200 g/l solution of alkali in Na_2O at a temperature of 90-95°C for one half hour. Curves are given showing the extraction of silica and alumina into solution as a function of roasting temperature. The extraction of silica into the solution increases sharply with temperature reaching a maximum of 73-77% at 900-1000°C. Roasting of kaolin at higher temperatures retards the transition of silica of the soluable phase. Extraction drops to 32% at 1300°C due to the formation of mullite which dissolves poorly in alkali solutions. Curves are also given showing the extraction of silica and alumina into solution as a function of annealing time. An increase in the annealing time past one-half hour has little effect on the silica extraction. Extraction shows a maximum at 150-200 g/l Na_2O. The experimental data are used as a basis for setting up a system for optimum production of electrothermal silumin without using alumina. Orig. art. has: 5 figures and 1 table. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 002

Card 2/2

SOV/86-59-1-16/39

AUTHOR: Lekanov, A.G., Maj

TITLE: To Eliminate the Causes for Potential Aircraft Accidents (Isklyuchit' predposylki k letnym proisshestviyam). e. Is This Kind of Training Necessary? (Nuzhny li takiye trenazhi?)

PERIODICAL: Vestnik vozdushnogo flota, 1959, Nr 1, pp 37-39 (USSR)

ABSTRACT: This is the third of three articles which appear under the main title as given above. The author states that practicing in aircraft cockpits on the ground is one of the most necessary and effective methods of preliminary flight training. He then describes briefly how such training should be carried out.

Card 1/1

LEKANOV,A.G., inzhener; GITLEVICH,A.D., inzhener

Mechanized welding of spherical petroleum storage tank bottoms.
Svar. proizv. no.3:23-24 Mr '55. (MLRA 8:9)

1. Vsesoyuznyy proyektno-tekhnologicheskiy institut Ministerstva tyazhelogo mashinostroyeniya.
(Tanks---Welding)

Lekanov, A.G.

135-58-4-13/19

AUTHORS: Lekanov, A.G., and Shelomov, M.I., Engineers

TITLE: New Design of Roller Support With Independent Drive (Novaya konstruktsiya rolikoopory s nezavisimym privodom)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 4, pp 39-40 (USSR)

ABSTRACT: In 1957, new roller supports came into use at the Podol'skiy zavod (Podol'sk Plant) for the automatic welding of annular seams on large cylindrical objects. The machine is described and illustrated by a schematic drawing. The device is simple to manufacture and can be applied in all production operations.
There is 1 figure.

ASSOCIATION: VPTI tyazhëlogo mashinostroyeniya (VPTI of Heavy Machine-Building)

AVAILABLE: Library of Congress

Card 1/1

LEKAR', P. G. Cand Med Sci -- (diss) "Data Concerning the Pathogenesis and Therapy of Hepato-Lenticular Degeneration." Kishinev, 1957. 8 pp 22 cm. (Kishinev State Medical Inst, Chair of Nervous Diseases), 200 copies (KL, 25-57, 118)

LEKAR', B.

Providing safety for pedestrians on highways. Avt.dor. 25 no.9:8-9 S '62. (MIRA 15:9)
(Traffic safety)

LEKAR', P.G.

Treatment of migraine with nicotinic acid [with summary in French].
Zhur.nevr. i psikh. 57 no.9:1164-1165 '57. (MIRA 10:11)

1. Kafedra nervnykh bolezney (zav. - prof. B.I.Sharapov) Kishinevskogo meditsinskogo instituta.
(MIGRAINE, therapy,
nicotinic acid (Rus))
(NICOTINIC ACID, therapeutic use,
migraine (Rus))

SHARAPOV, B.I., prof., otv. red.; BOGOLEPOV, N.K., prof., red.;
GERMAN, D.G., ass., red.; LEKAR', P.G., dots., red.;
SHOYMER, A., otv. za vypusk; TEL'PIS, V., tekhn. red.

[Vascular pathology of the brain and spinal cord;
materials of a joint symposium of the nervous disease
clinics of the Kishinev and Second Moscow Medical
Institutes]Sosudistaia patologiia golovnogo i spinnogo
mozga; materialy ob"edinennogo simpoziuma klinik nervnykh
boleznei Kishinevskogo i 2-go Moskovskogo meditsinskikh
institutov. Kishinev, Gos.izd-vo "Kartia moldoveniaske,"
1962. 177 p. (MIRA 15:10)
(CEREBROVASCULAR DISEASE) (SPINAL CORD—BLOOD SUPPLY)

ZHIVOTINSKIY, L.A., inzhener; LEKANOV, A.G., inzhener; GITLEVICH, A.D., inzhener

Mechanizing welding operations in shell construction. Svar. proizv. no.7:24-25 Jl '55. (MLRA 8:9)

1. Vsesoyuznyy proyektno-tekhnologicheskiy institut.
(Boilers--Welding)

LEKAR', P.G.

Symptomatology and pathological anatomy of subcortical ganglia affections in a chronic course of Botkin's disease. Trudy Kish.gos.med.inst. 11:33-42 '60. (MIRA 16:2)

1. Kafedra nervnykh bolezney Kishinevskogo gosudarstvennogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS) (HEPATOLENTICULAR DEGENERATION)

IVANENKO, G.I., Cand Med Sci -- (diss) " On the bactericidal properties of phytoncides of cherry and their use in the clinic of purulent surgery." Irkutsk, 1959. 12 pp (Irkutsk State Med Inst), 250 copies (KL, 30-59, 110)

L 1990-66 EWP(e)/EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JH/JD
ACC NR: AT6024932 (A,N) SOURCE CODE: UR/2981/66/000/004/0214/0218 53 B11

AUTHOR: Lekarenko, Ye. M. (deceased); Stepanova, M. G.; Sarul', L. A.; Kolobnev, N. I.; Zenkov, G. P.

ORG: none

TITLE: Aluminum powder for high-strength SAP alloy 27 14 27

SOURCE: Alyuminiyevyye splavy, no. 4, 1966. Zharoprochnyye i vysokoprochnyye splavy (Heat resistant and high-strength alloys), 214-218

TOPIC TAGS: aluminum alloy, aluminum powder, TENSILE STRENGTH, high strength alloy, sintered aluminum powder, metal property/SAP aluminum alloy

ABSTRACT: SAP-1 and SAP-2 alloys made of APS-1 and APS-2 grade aluminum powder (respective content of aluminum oxide 6—9 and 9—13%) have a tensile strength of 26—32 kg/mm^2 and 32—38 kg/mm^2, respectively. By increasing the content of aluminum oxide to 23% the strength of alloys can be increased up to 45 kg/mm^2. Two new grades of aluminum powder were developed: APS-3 with 13—18% aluminum oxide and APS-4 with 18—23% aluminum oxide. Since the content of aluminum oxide depends on the fineness of the powder, which in turn depends on the duration of grinding (APS-1 and APS-2 powders require 25 and 35 hr grinding), the grinding process was modified to accelerate oxidation and lower the consumption of stearic acid (which is added to prevent the agglomeration of powder particles). SAP alloys made from APS-3 and APS-4 powders

Card 1/2

L 40990-66

ACC NR: AT6024932 0

have a tensile strength of 40—50 kg/mm^2 at room temperature and 13—15 kg/mm^2 at 500C, which makes it possible to use these alloys in structures operating at 350—500C instead of steels and titanium alloys. Orig. art. has: 2 figures and 1 table. [TD]

SUB CODE: 11 / SUBM DATE: none/ ORIG REF: 003/ OTH REF: 001/ ATD PRESS: 5057

Card 2/2 11b

LEKARENKO, Yevgeniy Moiseyevich

DECEASED

1964

c '63

Nonferrous Metals
Alloys

LEKAREV, D.M., inzh.; PUTNAERGLIS, E.Ya., inzh.

Transistorized d.c. converter with 60 volt d.c. power supply. Vest. sviazi 23 no.12:7-8 D '63. (MIRA 17:2)

LEKAREV, D.M.; PUTNAERGLIS, E.Ya., inzh.

Two-way transistorized amplifier for telephone apparatus. Vest. sviazi 24 no.7:11-12 Jl '64. (MIRA 17:9)

1. Nachal'nik laboratorii Rizhskogo ekspluatatsionno-tekhnicheskogo uzla svyazi (for Lekarev). 2. Laboratoriya Rizhskogo ekspluatatsionno-tekhnicheskogo uzla svyazi (for Putnaerglis).

LEKAREV, D.M., inzh.

Stabilized low-voltage rectifier. Vest. sviazi 25 no.6:24 Je '65. (MIRA 18:11)

LEKAREV, G.V.

Work and live in the communist way. Neftianik 5 no.3:3-4 Mr '60. (MIRA 14:9)

1. Predsedatel' Sakhalinskogo obkoma profsoyuza rabochikh neftyanoy i khimicheskoy promyshlennosti.
(Petroleum industry)

LEKAREV, L.B., prof.; RYUKHOV, F.S. (Vinnitsa)

Illness with a temporary loss of work capacity among workers of sugar plants in the Vinnitsa Economic Region. Sov. zdrav. 20 no.8:53-58 '61. (MIRA 15:1)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny Vinnitskogo meditsinskogo instituta.
(VINNITSA ECONOMIC REGION--SUGAR REFINERY WORKERS--DISEASES AND HYGIENE)
(DISABILITY EVALUATION)

LEKAREV, L.G., prof. (Vinnitsa)

Program of the CPSU and problems in dispensary care. Sov. zdrav. 21 no.3:11-14 '62. (MIRA 15:3)
(COMMUNISM) (DISPENSARIES)

LEKAREV, L. G.

Dispensaries

Method of providing dispensary service to the population. Sov. zdrav. 11 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

LEKAREV, L.G., professor.

Problems of dispensary services for the rural population. Sov. Zdrav. 14 no.4:14-18 Jl-Ag '55. (MLRA 8:9)

1. Zav.kafedroy organizatsii zdravookhraneniya i istorii medi-tsiny Vinnitskogo meditsinskogo instituta. (dir.dotsent S.I. Korkhov)

(RURAL CONDITIONS,
outpatient serv. in Russia)
(OUTPATIENT SERVICES,
rural, in Russia)

LEKAREV, LEONID GRIGOR'YEVICH

SEL'SKIY VRACHEBNYY UCHASTOK [RURAL MEDICAL STATION] 2. ISPR. I DOP. IZD.

MOSKVA, MEDGIZ, 1957.

205, [3] P. DIAGRS., TABLES.

"LITERATURA": P. 204-206

LEKAREV, L.G., professor; RYUKHOV, F.S.; TYSHETSKIY, V.I.

Hospital requirements of the population of Vinnitsa and methods for its estimation. Vrach.delo no.6:635-639 Je '57. (MLRA 10:8)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny (zav. - prof. L.G.Lekarev) Vinnintskogo meditsinskogo instituta
(VINNITSA--HOSPITALS)

LEKAREV, L.G.; KLANTSA, P.A.; RYUKHOV, F.S.; BRESLER, B.S.; VOLOVODOVSKIY, Ye.M.; NUTEL'S, M.P.

Hospital care requirements of the rural population and methods for its determination. Sov. zdrav. 16 no.2:30-38 F '57
(MLRA 10:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav.-prof. L.G. Lekarev) Vinnitskogo meditsinskogo instituta (dir.-dotsent S.I. Korkhov)

(RURAL CONDITIONS
dispensary care requirements of rural population in Russia
methods for determ.)
(OUTPATIENT SERVICES
same)

LEKAREV, L. G.

LEKAREV, L.G., prof.

Development of public health in Vinnitsa Province during the years of the Soviet regime. Sov.zdrav. 16 no.10:56-62 O '57. (MIRA 10:12)
(PUBLIC HEALTH, hist.
in Russia)

LEKAREV, L.G., prof.

Great surgeon and leader in medical sience; the 150th anniversary of the birthday of N.I. Pirogov. Vest. AMN SSSR 15 no. 11:3-9 '60. (MIRA 13:12)

(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

LEKAREV, L.G., prof. (Vinnitsa)

Urgent necessity. Sov.zdrav. 19 no.1:43-45 '60. (MIRA 13:4)
(PUBLIC HEALTH)

BATKIS, Grigoriy Abramovich [deceased]; LEKAREV, Leonid Grigor'yevich; OPPENGEYM, D.G., red.; ZUYEVA, N.K., tekhn. red.

[Theory and organization of the Soviet public health system] Teoriia i organizatsiia sovetskogo zdravookhraneniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 349 p. (MIRA 14:8)
(PUBLIC HEALTH)

LEKAREV, L.G., prof.

"Disease incidence among the rural population (as revealed by data of attendance at medical and prophylactic institutions in nine rural districts)." Edited by P.I.Kal'iu. Reviewed by L.G.Lekarev. (MIRA 15:1)
Sov. zdrav. 20 no.8:85-86 '61.
(DISEASES--REPORTING) (KAL'IU, P.I.)

LEKAREV, L.G., prof.; PROTSEK, Ye.G., kand.med.nauk

"Medical attendance for the rural population." Reviewed by L.G. Lekarev and E.G.Protsek. Sov. zdrav. 21 no.5:89-90 '62. (MIRA 15:5)
(MEDICINE, RURAL)

LEKAREV, L.G., prof.

"Principles of disability evaluation (theory, method, organization)" by A.F. Tret'iakov and others. Reviewed by L.G. Lekarev. Sov. zdrav. 20 no.12:78-80 '61. (MIRA 15:6)

(DISABILITY EVALUATION)

(TRET'IAKOV, A.F.) (BOGOLEPOV, N.K.) (ZIMKINA, A.M.)
(SPIVAK, F.N.) (BUREIKO, V.M.) (AVERBAKH, A.IA.)
(IEVSHIN, A.V.)

LEKHAREV, N. K.

Casting Crucibles for High-Frequency Induction Furnaces. A. P. Al'Fakov and N. K. Lekarev. (*Liteinoe Proizvodstvo*, 1955, (3), 31). [In Russian] Casting mixture and procedure for crucibles used in the H.F. induction melting of stainless and heat-resisting steels are described.—S. K.

BREGER, A.Kh.; Prinimali uchastiye: KARPOV, V.L., kand.khim.nauk; BELYNSKIY, V.A.; OSIPOV, V.B., PROKUDIN, S.D.; TYURIKOV, G.S., kand.khim.nauk; GOL'DIN, V.A.; RYABUKHIN, Yu.S.; KOROLEV, G.N.; AFONIN, V.P.; POKROVSKIY, V.S.; KULAKOV, S.I.; LEKAREV, P.V.; FEDOROVA, T.P.; KOROTKOVA, M.A.; KHARLAMOV, M.T.; NIKOLENKO, G.D.; LOPUKHIN, A.F.; YEVDOKUNIN, T.F.; KASATKIN, V.M.; RATOV, A.V.

Nuclear radiation sources for radiational-chemical studies. Probl.fiz.khim. no.1:61-72 '58. (MIRA 15:11)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. Karpova.
(Radiochemistry) (Radioisotopes)

ARLOZOROV, Z.G., starshiy nauchnyy sotrudnik; ORLENKO, Yu.M., starshiy nauchnyy sotrudnik; LEKAREV, S.A., vrach

New method of preparing serum from the blood of donors with conservation of the globular mass for transfusions. Vop.perel.krovi 4:259-255 '55. (MLRA 9:12)

(SERUM) (COLLECTION AND PRESERVATION)

LEKAREV, S.A.

T

USSR/Human and Animal Physiology. Blood.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36336.

Author : Glants, R.M., Weinstein, S.A., Lekarev, S.A.
Inst :
Title : Prothrombin Determination in Blood Taken from the Finger.

Orig Pub: V.Sb. Vopr. perelivaniya krovi, T.4, Kiev, Gosmedizdat USSR, 1955, 270-273.

Abstract: 0.6 ml of blood is taken from a finger and placed in a centrifuge tube containing 0.06 ml of 0 1 m solution of sodium oxalate and is centrifuged for a period of 10 min , 0.1 ml of thromboplastin sol., 0.1 ml of 0.25-0.1M scl. of $CaCl_2$ and 0.1 ml of plasma is placed in a Vidal tube, maintained in a water bath at 37°C. The time of the appearance of the clot is noted. The value

Card : 1/2

USSR/Human and Animal Physiology. Blood. T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36336.

of prothrombin is expressed in seconds (prothrombin time). The thromboplastin material used is either a preparation of rabbit brain (method of Kudryashov or Fermi vaccine). Prothrombin time as determined in 115 donors and 41 patients from finger blood was on the average 2.5-3.3 sec. lower than in determinations from venous blood.

Card : 2/2

LITVINENKO, Ye.A., kand.tekhn.nauk; prinimali uchastiye: LEKAREV, V.A., gornyy inzh.; KUZ'MENKO, V.P., gornyy inzh.; STEPANOV, V.I., student; BARAMIKOV, A.A., student

Control of methane emission in mine sections. Ugol' Ukr. 4 no.5:14-16 My '60. (MIRA 13:8)

1. Khar'kovskiy gornyy institut.
(Donets Basin--Mine gases)

KARPUKHIN, V.D., kand.tekhn.nauk; LEKAREV, V.A., inzh.

Coal saturation by water during its seepage at varying pressure. Izv.vys.ucheb.zav.; gor.zhur. 8 no.11:71-73 '65. (MIRA 19:1)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhniki bezopasnosti. Submitted July 21, 1964.

STARSHINOV, B.N.; SINITSKIY, V.D.; SEN'KO, G.Ye.; GULYGA, D.V.; BABIY, A.A.; KHORUZHIY, A.G.; Prinimali uchastiye: OSTROUKHOV, M.Ya.; SAVELOV, N.I.; PLISKANOVSKIY, S.T.; MOISEYEV, Yu.G.; LAVRENT'YEV, M.L.; TARASOV, F.P.; ZAGREBA, A.V.; KAMENEV, R.D.; TKACHENKO, A.A.; FREYDIN, L.M.; LUKIN, P.G.; POPOV, Yu.A.; MISHIN, P.P.; KARACHENTSEV, M.D.; DOLMATOV, V.A.; AYUKOV, A.S.; PALAGUTA, V.P.; VYAZOVSKIY, Yu.V.; SOLODKIY, Yu.A.; KONAREVA, N.V.; SAPRONOV, Yu.V.; SINITSKAYA, S.K.; SAPRONOV, B.V.; LEKAREV, V.L.; STOLYAR, V.V.; PROKHORENKO, Z.A.; BANDINA, Ye.Ye.

Results of the first year of operation of large capacity blast furnaces. Sbor. trud. UNIIM no.11:34-46 '65.

(MIRA 18:11)

LEKAREVA A.G.

137-58-2-3629

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 192 (USSR)

AUTHORS: Lisina, T.P., Lekareva, A.G.

TITLE: Corrosion Protection of Iron and Steel Products by Passivation in a Solution of Sodium Nitrite Followed by Painting (Zashchita ot korrozii izdeliy iz chernykh metallov passirovaniyem v rastvore nitrita natriya i posleduyushchaya okraska)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 7, pp 18-21

ABSTRACT: Parts and non-disassemblable assemblies of iron and steel not provided with special protective coatings are subjected to passivation. The treatment of a part consists of wetting it with an aqueous solution of $NaNO_2$: a 15-20% solution for temporary protection, a 25-30% solution for long-term storage. During the machining of metal products $NaNO_2$ is also introduced into the coolant liquid for protection of the metal against corrosion. The passivation procedure consists of washing, checking the condition of the surface of the part, a second washing, and passivation by $NaNO_2$. Laboratory investigations have shown that the bond strength between a paint and the surface becomes impaired on treatment with $NaNO_2$ solution of

Card 1/2

Corrosion Protection of Iron (cont.)

various concentrations, because the $NaNO_2$ crystals attract moisture through the film of paint, lift it up, and destroy it. Therefore, when it is necessary to store parts or blanks, they are passivated prior to painting after preliminary washing with aqueous solutions.

I. B.

1. Iron--Passivation 2. Steel--Passivation 3. Iron--Corrosion prevention 4. Steel--Corrosion prevention

Card 2/2

LEKAREVA, A.S.

Introduction to the significance of therapeutic and preventive regime in teaching about internal diseases. Fel'dsher & akush. no.8:60-61 Aug 1953. (CIML 25:1)

1. Instructor in internal diseases at Khar'kov Fel'dsher-Midwife School.

LEKAREVA, A.S.

Methods and organization of teaching clinical discipline to students of a short-term nursing department. Fel'd.i akush. 21 no.12:48-54 D '56. (MIRA 10:1)

1. Khar'kovskoye meditsinskoye uchilishche.
(NURSES AND NURSING--STUDY AND TEACHING)

LEKAREVA, A.S.

Improve the quality of the correspondence training of medical students.
Fel'd. i akush. 25 no.8:53-57 Ag '60. (MIRA 13:8)

1.Khar'kovskoye meditsinskoye uchilishche No.1.
(MEDICINE—STUDY AND TEACHING)

MUROMTSEV, G.S.; AGNISTIKOVA, V.N.; LUPOVA, L.M.; LEKAREVA, T.A.

Composition of gibberellic acid preparations of various origins. Fiziol. rast. 11 no. 3:506-514 '64. (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii.

MUROMTSEV, G.S.; AGNISTIKOVA, V.N.; LUPOVA, L.M.; DUBOVAYA, L.P.; LEKAREVA, T.A.

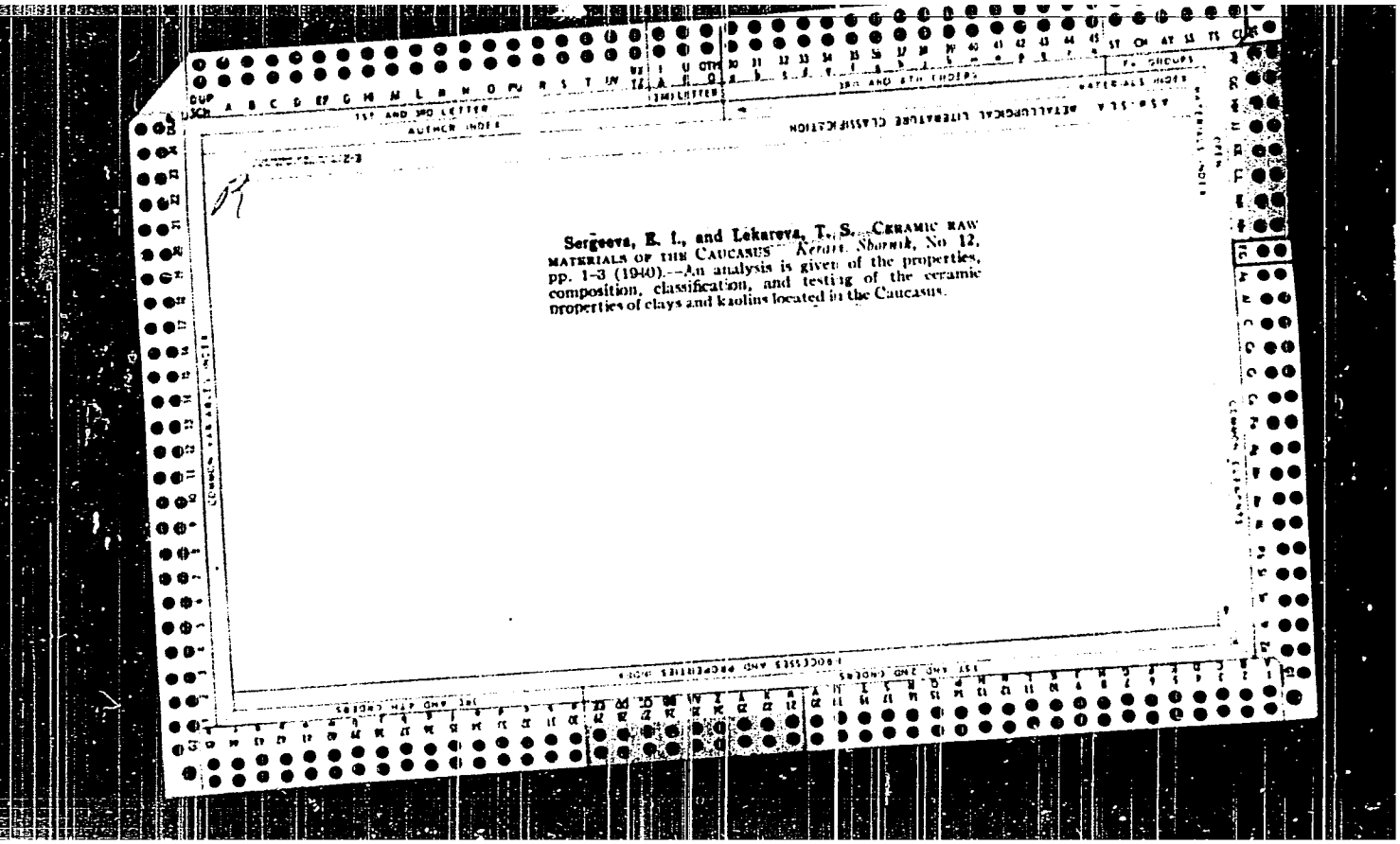
Gibberellin-like substances in ferns and mosses. Izv. AN SSSR. Ser. biol. no.5:727-734 S-O '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii, Moskva.

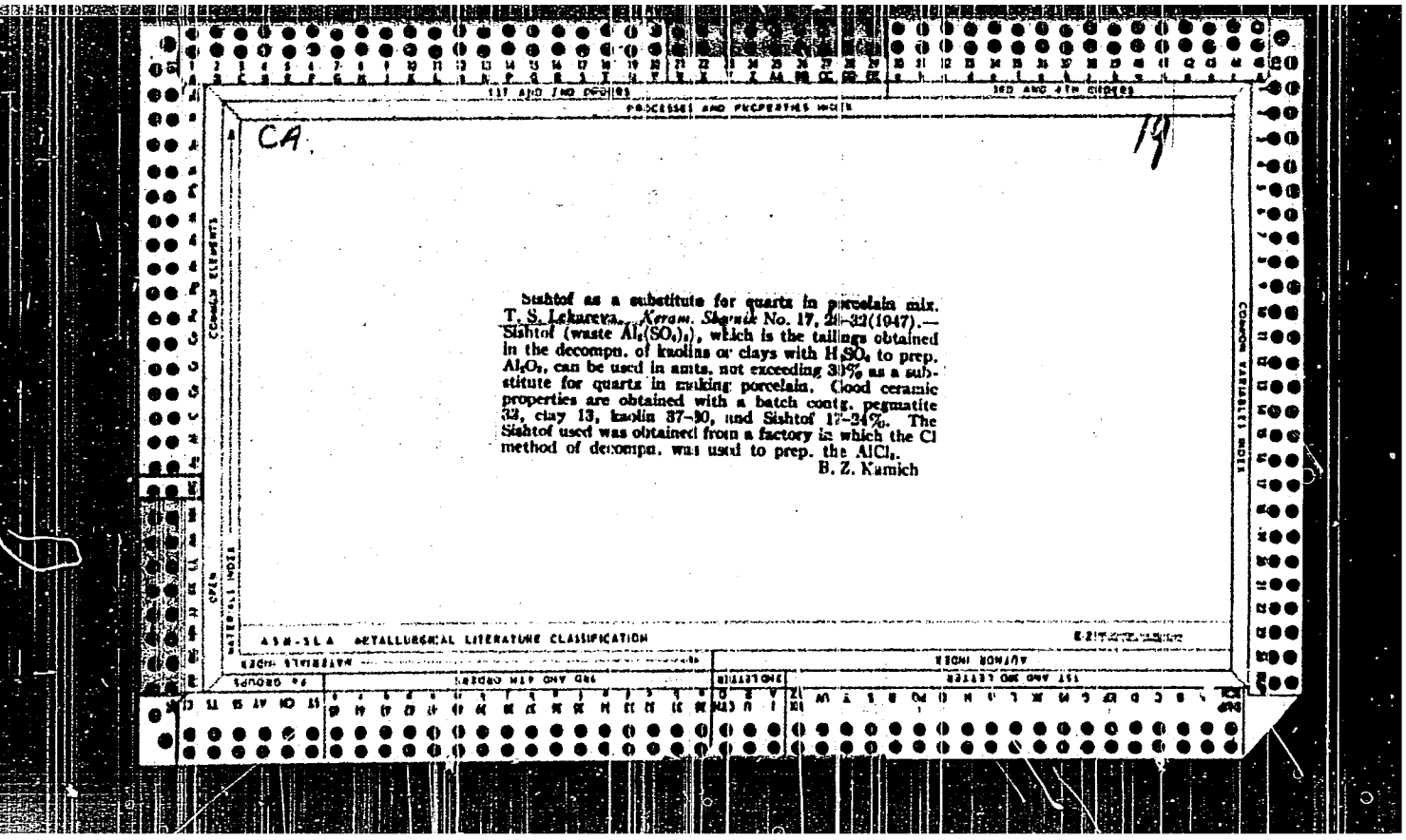
A. C. S.

Whiteware

Feldspathic glazes fired at 1200° to 1300°. V. P. ZUBCHANINOV AND T. S. LEBEDEVA. *Sbornik Trudov Leningrad Tekh. Inst. VSPK*, 1940, No. 2, pp. 38-50; *Khim. Referat. Zhur.*, 4 [3] 85 (1941).—Experiments showed that low-melting feldspathic glazes can be obtained at 1200° to 1300°. The lowering of the firing temperature from that commonly used (over 1300°) is obtained by including in the composition of the glaze ZnO, native borates, and a mixture of feldspars (microcline and plagioclase). Raw feldspathic glazes can be used for porcelain, faience, and stoneware. M.Ho.



Sergeeva, E. I., and Lekareva, T. S. CERAMIC RAW MATERIALS OF THE CAUCASUS. *Keramik. Sbornik*, No 12, pp. 1-3 (1940).—An analysis is given of the properties, composition, classification, and testing of the ceramic properties of clays and kaolins located in the Caucasus.



CA. 19

Sishtof as a substitute for quartz in porcelain mix. T. S. Lukareva. *Keram. Steklo* No. 17, 28–32(1947).—Sishtof (waste $Al_2(SO_4)_3$), which is the tailings obtained in the decompn. of kaolins or clays with H_2SO_4 to prep. Al_2O_3, can be used in amts. not exceeding 30% as a substitute for quartz in making porcelain. Good ceramic properties are obtained with a batch contg. pegmatite 32, clay 13, kaolin 37–30, and Sishtof 17–24%. The Sishtof used was obtained from a factory in which the Cl method of decompn. was used to prep. the $AlCl_3$.

B. Z. Kamich

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

LEKAREVA, T.S.

Effect of drying on the properties of Prosyanaya kaolin. Trudy GIKI no.1:48-59 '56. (MIRA 11:5)

(Prosyanaya--Kaolin)

LEKAREVA, T.S.

Effect of sulfite liquor vinasse on the mechanical strength of half-finished porcelain wares. Trudy GIKI no.1:3-17 '57.
(Pottery) (Sulfite liquor) (MIRA 11:5)

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VOLKOV, M.A.; LEKAREVA, T.S.; PRAVOVEROV, K.N.

Perforated ceramic inserts for flameless gas burners. Gaz. prom. 6 no. 1:22-26 '61. (MIRA 14:1)
(Gas burners)

LEKAREVA, T.S.

Radiating ceramic grates for the flameless combustion of gas.
Trudy GIKI no.3:68-78 '61. (MIRA 18:7)

LEKAREVA V. N.

Infectious and Parasitic Equine Diseases Moscow, 195[illegible]

Country : USSR
Category : Farm Animals. The Honeybee. Q-5

Jour. : Referat. Zhur. Biol., No. 4, 1959, No. 16755

Author : Lekishvili, N. A.
Institut. : Georgian Scientific Research Institute of
Title : The Basic Population of the Gray Mountain Bee in Georgia.

Orig. Pub. : Pchelovodstvo, 1958, No 7, 11-16

Abstract : The comparative study of economically useful and biological indicators of the gray mountain bee which was conducted for 6 years at the Georgian Scientific Research Institute of Animal Husbandry and Veterinary Science, showed that side by side with the earlier scarce mixed megrel'skaya and abkhazskaya populations, the zemovamatskaya and imeretinskaya populations develop also a high honey production. The kakhetinskaya bee population proved less

Card: 1/2 *Animal Husbandry and Veterinary Science.

75

Country : USSR
Category : Farm Animals. The Honeybee. Q-5

Abs. Jour : RZBiol., No. 4, 1959, No. 16755

Author :
Institut. :
Title :

Orig Pub. :

Abstract : valuable than the four populations mentioned above. At its first honey collection the kartalinskaya population proved less productive, but when utilizing a repeated honey crop it surpassed the indicators of the other populations by 15-25 percent, since during the period of its first honey collection it had intensively continued to raise its brood.

Card: 2/2

ALEKSANDRAVICIUTE, B.; APALIA, Dz.; BRUNDZA, K.; BAGDONAITE, A.; CIBIRAS, L.; JANKEVICIENE, R.; LEKAVICIUS, A.; LUKAITIENE, M.; LISAITE, E.; MARCINKEVICIENE, J.; NAVASAITIS, A.; PIPINYS, J.; SNARSKIS, P.; STANCEVICIUS, A.; SARKINIENE, I.; MIKEVICIUS, A., glav. red.; JANKEVICIUS, K., otv. red.; NATKEVICAITE-IVANAUSKIENE, M., red.; DAGYS, J., red.; ZIEMYTE, E., red.; ANAITIS, J., tekhn. red.

[Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Red. M.Natkevicaite-Ivanauskiene. Vilnius, Valstybine politines ir mokslines literaturos leidykla. Vol.3. 1961. 661 p. (MIRA 15:3)

1. Lietuvos TSR Mokslu akademija. Vilna, Botanikos institutas. (Lithuania--Botany)

BAGDONAITE, A.; GALINIS, V.; JANKEVICIENE, R.; LEKAVICIUS, A.; NATKEVICAITE-IVANAUSKIENE, M.; PIPINYS, J.; PURVINAS, E.; RIBOKAITE, R.; SNARSKIS, P.; STANCEVICIUS, A.; SARKINIENE, I.; ZIEMYTE, E., red.; ANAITIS, J., tekhn. red.

[Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Autoriu kolektyvas: A. Bagdonaite ir kiti. Vilnius, Valstybine politines ir mokslines literaturos leidykla. Vol.2. 1963. 714 p. (MIRA 16:9)

1. Lietuvos TSR Mokslu Akademija, Vilna. Botanikos institutas. (Lithuania--Angiosperms)

LEKAWSKA, Malgorzata

Computation of the integral coefficient of capturing droplets of fog or cloud into a spherical container. Acta geophys Pol 9 no. 1/2: 114-120 '61.

1. Katedra Fizyki Atmosfery UW, Warszawa.

POLAND

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Institute of Geophysics, Polish Academy of Sciences, Warsaw

Warsaw, Acta geophysica polonica, No 3, July/Sept 1966, pp 199-216

"On isentropic mass transport from stratosphere to troposphere by baroclinic disturbances."

LEKAWSKI, J.

"Proper Cooperation of Investors with the Planning Bureau." p.285
"Results of Our Canvassing." p.287
(PRZEMYSL ROLNY I SPOZYWCZY Vol. 7, no. 8, August 1953 Warszawa, Poland)

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

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TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol 7, no. 8, Aug. 1958

LEKAWSKI, J. The Export Center of the Commission for the Evaluation of Plans as the exporter of technical ideas. p. 42.

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Polish sugar plants, famous in the world sugar industry.
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LEKAYE, V. M. Cand. Tech. Sci.

Dissertation: "Concerning the Effect of Vacuum on Heat Loss During Boiling of Caustic Soda Solutions." Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev, 2 Jul 47.

SO: Vechernyaya Moskva, Jul, 1947 (Project #17836)

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PLANOVSKIY,A.N., professor, doktor tekhnicheskikh nauk; RYCHKOV,A.I., dotsent, kandidat tekhnicheskikh nauk; LEKAYE,V.M., inzhener

Designing evaporators. Khim.prom.no.3:75-78 Mr '47. (MIRA 8:12)
(Evaporating appliances)

LEKAYE, V.M.; YELKIN, L.N.

Corrosion testing of metals operating in a liquid and vapor sulfur medium. Zhur. VKHO 5 no. 2:238 '60. (MIRA 14:2)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

(Metals—Corrosion)

KASATKIN, A.G.; LEKAYE, V.M.; YELKIN, L.N.

Complete processing of sulfur ores by the continuous thermal method. Khim.prom. no.5:300-306 My '61. (MIRA 14:6)

1. Moskovskiy Ordena Lenina khimiko-tekhnologicheskiy institut im. D. I. Mendeleyeva.
(Sulfur industry—Equipment and supplies)

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Drum crystallizers. Trudy [illegible] no.33:151-160 '61.
(MIRA 14:10)

(Crystallization)

KASATKIN, A.G.; [illegible], V.[illegible]; YOLKIN, L.N.; Prinimali uchastiye: DEMYANSKIY, A.E., laborant; AZAROV, Ya.I., mekhanik

Continuous thermal method of treating sulfur ores. Trudy [illegible] no.35:82-100 '61. (MIRA 14:10)
(Sulfur)
(Ore dressing)

YELKIN, L.N.; LEKAYE, V.M.

Corrosion of metals in a liquid and vaporous sulfur medium.
Trudy MKHTI no.35:101-107 '61. (MIRA 14:10)
(Metals--Corrosion)
(Sulfur)

YELKIN, L.N.; LEKAYE, V.N.

Technical analysis of sulfur ores for their elementary sulfur content. Trudy MKHTI no.35:108-110 '61.
(MIRA 14:10)

(Sulfur ores)
(Sulfur--Analysis)

S/137/61/000/012/045/149
A006/A101

AUTHORS: Kudryavtsev, A.A., Lekaye, V.M., Yelkin, L.N., Ustyugov, G.P.

TITLE: Equipment and technology of developing the continuous thermal process of selenium and tellurium production

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1961, 24, abstract 12G168 ("Tr. Mosk. khim.-tekhnol. in-ta im. D.I. Mendeleyeva", 1961, no. 35, 119 - 124)

TEXT: On account of the complexity and expensiveness of chemical methods for extracting Se and Te from slurries of copper-melting, sulfuric acid and other plants, a continuous thermal method is suggested for the reprocessing of slurries containing Se and Te. The initial material is charged into an externally heated retort, and volatile components, such as S, Se and Te, and some admixtures, are distilled. The vapors obtained are cleaned from dust and then supplied to the condenser. The liquid mixture of the aforementioned substances is separated in two (or more) rectification columns. In the first column S is distilled, and Se in the second one; the cubic residue consists of Te. To bring about the given scheme, equipment materials should be selected, since the materials to be re-

Card 1/2

S/137/61/000/012/045/149
A006/A101

processed are very aggressive. Special steels and non-metallic materials should be tested. The thermal method for obtaining Se and Te has the following main advantages over chemical methods: reduced number of reprocessing stages; consumption of chemical reagents is not required; reduced cost price and investment costs; improved work conditions; the possibility of mechanizing and automating the process.

V. Gulyanitskiy

[Abstracter's note: Complete translation]

Card 2/2

LEKAYE, V.M.; YELKIN, L.N.; NEGINSKIY, M.S.; LIN FA-ZIN

Utilizing the loose residue of sulfur limestone ores for the production of cement. Trudy MKHTI no.36:151-159 '61. (MIRA 15:7)
(Cement--Testing)

LEKAYE, V.M.; YELKIN,L.N.; UL'YANOV, N.S., kand. tekhn. nauk, red.

[Modern methods of sulfur recovery from sulfur ores] Sovremennye sposoby polucheniia sery iz sernykh rud; uchebnoe posobie. Moskva, Mosk. khimiko-tekhnolog. in-t im. D.I.Mendeleyeva, 1961. 75 p. (MIRA 16:10)
(Sulfur)

KAZATKIN, A.G., doktor tekhn.nauk, prof. [deceased]; LEKAYE, V.M., kand. tekhn.nauk; YELKIN, L.N., dotsent

Operation of screw-type reactors-heat exchangers. Khim.mashinostr. no.4:8-10 Jl-Ag '63. (MIRA 16:9)
(Heat exchangers)

KISATKIN, A.G.; LEKAYE, V.M.; YELKIN, L.N.

Worm type multiroller heat exchanger (reactor). Trudy KHTI no.40:167-175 '63. (MIR 18:12)

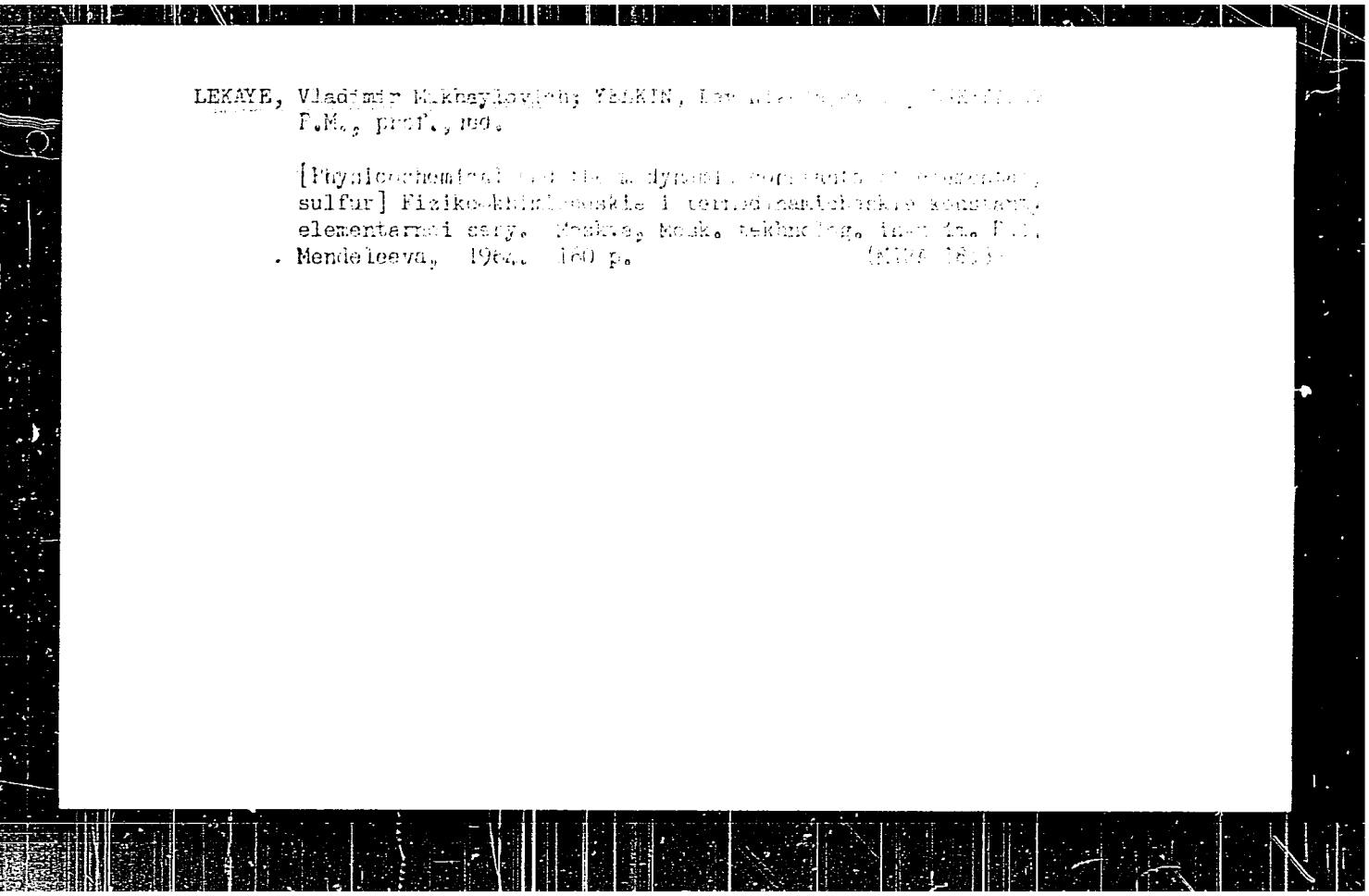
LEKAYE, V.M.; YELKIN, L.N.; KUZ'MIN, A.S.; LINFAZIN, G.N.

Feeding and distribution systems of multiple-tube and reactive apparatus. Trudy MKHTI no.40:176-181 '63.

(MIRA 18:12)

VILESOV, N.G. [Viliesov, N.H.]; LEKAYE, V.M. [Lekae, V.M.]; KUZNETSOV, Yu.P. [Kuznietsov, IU.P.]

Carbon disulfide content of sulfur dioxide and methane. Khim.prom. [Ukr.] no.1:5-6 Ja-Mr '64. (MIRA 17:3)



LEKAYE, Vladimir Mikhaylovich; YELKIN, [illegible]
F.M., prof., red.

[Physicochemical [illegible] dynamic properties of [illegible] sulfur] Fiziko-khimicheskie i termodinamicheskie svoistva elementarnoi sery. Moskva, Mosk. tekhnol. in-t im. D.I. Mendeleeva, 1964. 160 p. (MIRA 18:5)

KUZNETSOV, V.P.; KASATKIN, A.G.; LEKAYE, V.M.; YELKIN, L.N.; VILESOV, A.S.

Thermodynamics of the high-temperature conversion of methane by sulfur. Trudy MKHTI no.47:80-85 '64. (MIRA 18:9)

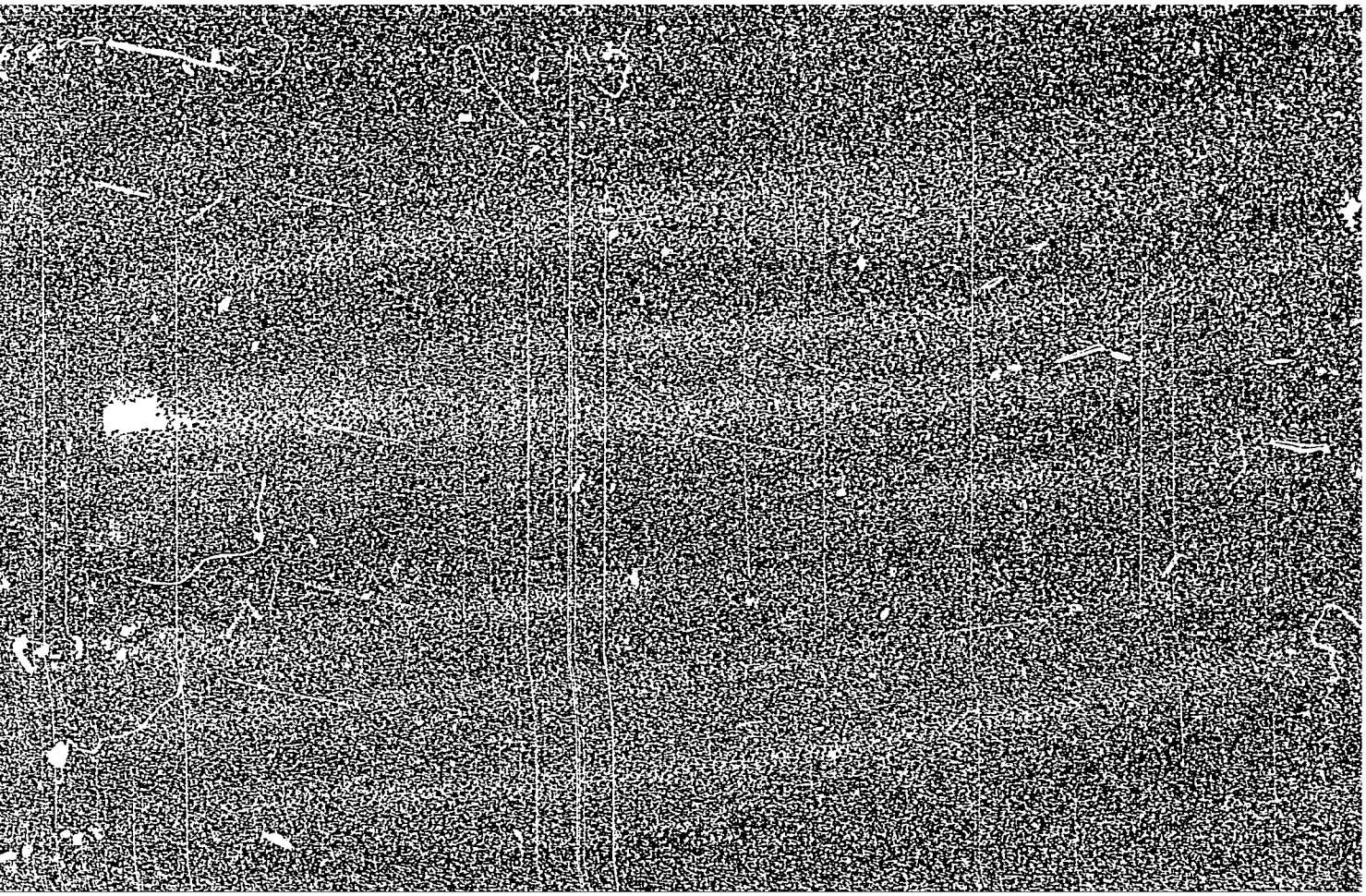
FILESOV, N.G.; KASATKIN, A.G.; LEKAYE, V.N.; K[illegible], Yu.I.

Mechanism of the formation of carbon disulfide during the [illegible] reduction of sulfurous anhydride by methane. Trudy MKHTI No.47:82-89 '64. (MIRA 18:9)

KIZNETSOV, Yu.S.; LUKAS, V.M.; VILESOV, N.G.

Reduction of carbon disulfide from methane and sulfur in the high-temperature zone. Khim. volok. no.5:38-41 '65. (MIRA 18.10)

1. Moskovskiy ordena Lenina khimiko-tekhnologicheskiy institut im. D.I. Mendeleyeva.



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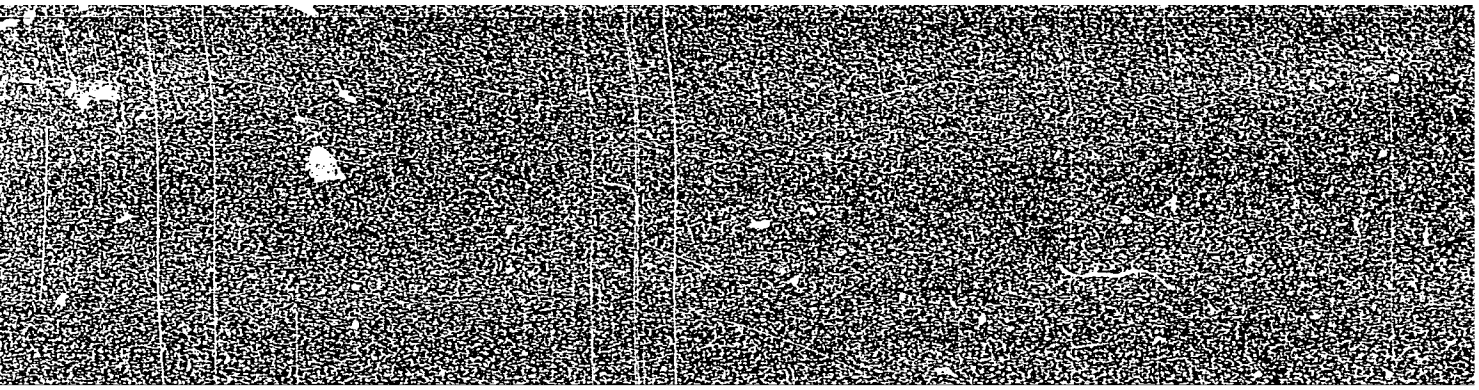

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SOURCE: Knizhnaya Letopis', No 6, 1956

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1. Corresponding Member of Polish Academy of Sciences, Director, Institute of Plant Breeding and Acclimatization, Warsaw.

LEKER, Kh.Ya. (Chernovtsy)

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Quality of malting barley from laid-down crops. p. 184.

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Praha, Czechoslovakia
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PERIODICAL: VESTNIK, VOL. 6, no. 2, 1959

Lekes, J. Raising the yield per hectare of winter wheat and barley. p. 74.

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1. Research Institute of Grain, Kromeriz.

LEKES, Jaroslav, Inz.; VOSKERUSA, Jaroslav, Inz.

Solved research tasks on oilseed plants and malt barley cultivation.
Vestnik CSAZV 7 no.12:627-735 '60. (EEAI 10:4)

1. Vyzkumna stanica Ceskoslovenske akademie zemedelskych ved, Opava.
(Czechoslovakia--Oilseed plants)
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Symposium on barley genetics and breeding. Vest ust zemedel 11 no. 7:265-271 Jl '64.

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