SOV/20-59-124-2-60/71

17(3)

AUTHORS: Mardashev, S. R., Member, AMN USSR, Semina, L. A.

TITLE: The Effect of Penicillin Amine Upon Decarboxylation of Amino Acids by Microbial Preparations (Vliyaniye penitsillamina na dekarboksilirovaniye aminokislot mikrobnymi preparatami)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 456-458 (USSR)

ABSTRACT: By adding L-penicillin amine to the aminopherase system of the liver the enzymatic activity is suppressed in vitro. Penicillin amine is said (according to Ref 1) to form with phosphopyridoxal a thiazolidine derivative. On the basis of this fact it may be assumed that penicillin amine will hamper those reactions which take place under the participation of phosphopyridoxal enzymes. In fact, DL-penicillin amine considerably suppresses D-serine dehydrogenase of N. crassa and Escherichia coli (Ref 2). In this connection the solution of the problem mentioned in the title was interesting. The authors investigated the action of penicillin amine in amino acid decarboxylases of 1) E. coli (arginine decarboxylase); 2) B. cadaveris (lysine decarboxylase); 3) Micrococcus sp.n. (histidine decarboxylase); 4) Cl. Welchii SR 12 (glutamine decarboxylase); 5) S. faecalis (tyrosine decarboxylase); and 6) Pseudomycobacterium sp.n. (aspartico decarboxylase) (Ref 3).

Card 1/3

The Effect of Penicillin Amine Upon Decarboxylation of Amino Acids by Microbial Preparations

DL-penicillin amine was added in concentrations of $10^{-2}$, $10^{-3}$, and $10^{-4}$ mol/liter. An M/60 solution of the amino acid was then added to the enzymatic preparation in the buffer solution, and the rate of decarboxylation was determined in the Warburg apparatus. Table 1 shows the effect of penicillin amine on the decarboxylation of lysine of B. cadaveris. A concentration of $10^{-2}$ mol/liter considerably hampers this process, while this effect is weak at $10^{-4}$ mol/liter. The same suppressing effect can be clearly observed in arginine decarboxylase (E.coli). Snell and his co-workers (Refs 2,4) maintain that several phosphopyridoxal ferments need metal ions for a complete activation. In order to check that statement the effect of $Al^{3+}$, $Zn^{2+}$, $Fe^{3+}$, and $Cu^{2+}$ was investigated in the above process of E.coli. The results are summarized in tables 3 and 4. They show that the addition of Al, Fe, Cu or Zn ions does not eliminate the suppression of decarboxylase reaction by penicillin amine.- There are 4 tables and 5 references, 1 of which is Soviet.

SOV/20-59-124-2-60/71

The Effect of Penicillin Amine Upon Decarboxylation of Amino Acids by Microbial Preparations

ASSOCIATION: Pervyy Moskovskiy meditsinskiy institut im. I. M. Sechenova (First Moscow Medical Institute imeni I. M. Sechenov)

SUBMITTED: September 27, 1958

Card 3/3

MARDASHEV, S.R.; SEMINA, L.A.

Inhibition of enzymatic decarboxylation of amino acids by DL-penicillamine, L-cysteine and DL-homocysteine. Biokhimiia 26 no. 1:31-39 Ja-F '61. (MIRA 14:2)

1. Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.
(VALINE) (CYSTEINE) (AMINO ACIDS) (CARBOXYL GROUP)

SEMINA, L. A., and MARDASHEV, S. R., (USSR)

"The Effect of Mercaptoamino Compounds on the Enzymic Decarbonxylation of Amino Acids by Microbic Materials."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

SEMINA, L.A.; MARDASHEV, S.R.

Effect of cysteamine on the enzymatic decarboxylization of amino acids. Biokhimiia 26 no.6:1065-1069 N-D '61. (MIRA 15:6)

1. Laboratory of the Biochemistry of Microbes, Institute of Biological and Medical Chemistry, Academy of Mecical Sciences of the U.S.S.R., Moscow.
(ETHANETHIOL) (AMINO ACIDS) (ENZYMES)

MARDASHEV, S.R.; SEMINA, I.A.

Crystalline histidine decarboxylase obtained from Micrococcus sp.n. Dokl. AN SSSR 156 no. 2:465-466 My '64. (MIRA 17:7)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.
2. Deystvitel'nyy chlen AMN SSSR (for Mardashev).

SEMINA, L.A.; MARDASHEV, S.R.

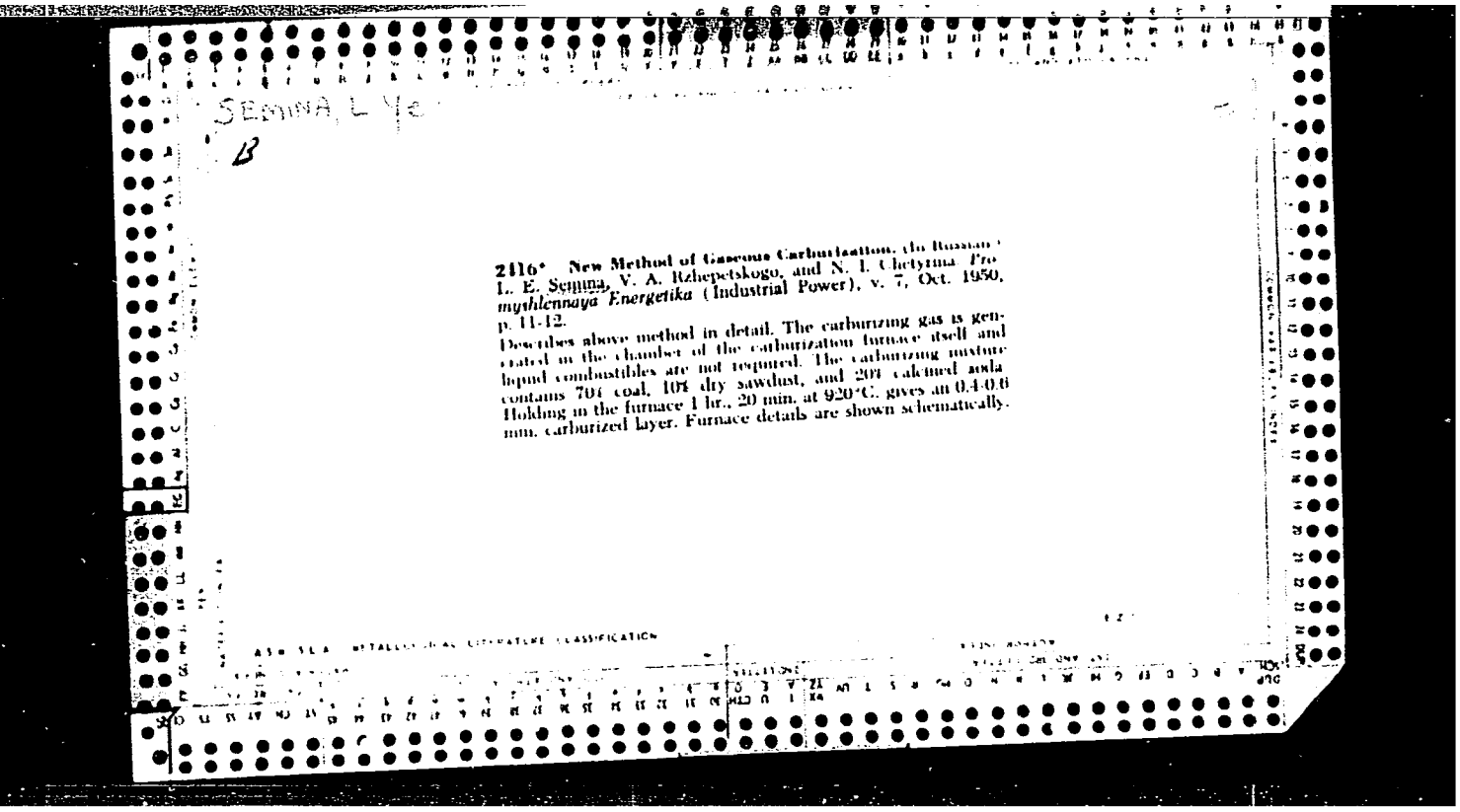
Purification and crystallization of microbial histidine decarboxylase. Biokhimiia 30 no.1:100-106 Ja-F '65.
(MIRA 18:6)

1. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

MARDASHEV, S.R.; SEMINA, L.A.; SOKHINA, A.M.

Amino acid composition of histidine decarboxylase. Biokhimiia 30 no.6:1179-1181 N-D '65. (MIRA 19:1)

1. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i kafedra biokhimii Pervogo Moskovskogo meditsinskogo instituta, Moskva. Submitted January 21, 1965.



SEMINA, L Ye
B

2116* New Method of Gaseous Carburization. (In Russian.) L. E. Semina, V. A. Rzhepetskogo, and N. I. Chetyrina. *Promyshlennaya Energetika* (Industrial Power), v. 7, Oct. 1950, p. 11-12.

Describes above method in detail. The carburizing gas is generated in the chamber of the carburization furnace itself and liquid combustibles are not required. The carburizing mixture contains 70% coal, 10% dry sawdust, and 20% calcined soda. Holding in the furnace 1 hr., 20 min. at 920°C. gives an 0.4-0.6 mm. carburized layer. Furnace details are shown schematically.

FLOROVSKAYA, V.N.; BARANOVA, T.E.; IL'INA, A.A.; KOPROVA, N.A.; NIKOLAYENKO, M.P.; SEMINA, M.D.

Reply to P.F.Andreev, E.M.Geller, A.A.Kartsev, and Z.M. Tabasaranskii's review on the book "Luminescence-bitumen analysis and its application in petroleum geology" by V.N. Florovskaia and others. Sov.geol. 3 no.5:123-127 My '60. (MIRA 13:7)

(Luminescence) (Bitumen)
(Andreev, P.F.) (Geller, E.M.) (Kartsev, A.A.)
(Tabasaranskii, Z.M.)

SEMINA, M.G., starshaya med.sestra

Oxygen therapy in cases of tapeworms. Med.sestra 17 no.7:17-20 J1'58 (MIRA 11:7)

(TAPEWORMS)
(OXYGEN--THERAPEUTIC USE)

SEMINA, N., master proizvodstvennogo obucheniya

"One more meeting would be welcome..." Obshchestv.pit. no.5:54 My '60. (MIRA 13:10)

1. Ashkhabadskaya shkola torgovo-kulinarnogo uchenichestva.
(Ashkhabad--Cooking schools)

SEMINA, N.

The end of the "straw" province. Pozh.delo 8 no.2:5-7 F '62. (MIRA 15:2)

(Tambov Province--Fires and fire prevention)

SEMINA, N.

From the history of fire prevention; a whole town burned in a fire caused by a spark from a samovar. Pozh.delo 8 no.3:32 Mr '62. (MIRA 15:4)

(Morshansk—Fire, 1875)

SEMINA, N.

Visting the young people of Kalinin Province. Pozh.delo 8 no.5:11 My '62. (MIRA 15:5)
(Kalinin Province—Fire extinction—Societies, etc.)
(Pioneers (Communist Youth))

SEMINA, N.

About stoves, schools and responsible personnel. Pozh.delo 8 no.6:4-5 Je '62. (MIRA 15:6)
(Schools--Fires and fire prevention)

SEMINA, N.

Alarm at the pier No.5. Pozh.delo 8 no.7:18-21 Jl '62.
(MIRA 15:8)

(Tank vessels--Fires and fire prevention)

SEMINA, N.

Volunteer firemen of the Novorossiysk grain elevator. Pozh.delo 8 no.8:4-5 Ag '62. (MIRA 15:8)
(Novorossiydk—Grain elevators—Fires and fire prevention)

SEMINA, N.

A common front. Pozh.delo 8 no.11:6 N '62. (MIRA 15:11)
(Moscow Province--Fires and fire prevention)

SEMINA, N.

Their address: Southern Urals. Grazhd. av. 21 no.7:13-14 Jl '64.
(MIRA 18:4)

PINEGIN, G.N., mladshiy nauchnyy sotrudnik; LYSIKOVA, V.M., nauchnyy sotrudnik; PORCHKHIDZE, S.A., nauchnyy sotrudnik; SEMINA, N.A., nauchnyy sotrudnik; SOLOPOV, A.V., nauchnyy sotrudnik; RADUS, A.I., nauchnyy sotrudnik; STEL'MAKH, F.N., nauchnyy sotrudnik; YEFIMOV, P.L., otvetstvennyy red.; PROTOPOPOV, V.S., red.; FLAUM, M.Ya., tekhn. red.

[Manual for the preparation of aerological yearbooks] Rukovodstvo po podgotovke aerologicheskikh ezhegodnikov. Leningrad, Gidrometeor. izd-vo. Pt.3. [Temperature sounding of the atmosphere] Temperaturnoe zondirovanie atmosfery. 1958. 126 p. (MIRA 11:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Glavnaya geofizicheskaya observatoriya (for Pinegin). 3. TSentral'naya aerologicheskaya observatoriya (for Lysikova, Porchkhidze, Semina, Solopov). 4. Nauchno-issledovatel'skiy institut aeroklimatologii (for Radus, Stel'makh).
(Radio meteorology)

SEMINA, Nelli

They are told, "Thank you!" Grazhd. av. 21 no.11:16-17 N '61.
(MIRA 8:3)

SEMINA, N.A.

Concerning absolute methods for determining radiosonde errors due to radiation. Trudy TSAO no.43:31-34 '62. (MIRA 15:7)
(Radiosondes)

LUVISHIS, I.A.; SEMINA, N.A.

Rapid determination of moisture content in textile materials.
Standartizatsiia 24 no.3:39-40 Mr '60. (MIRA 13:6)
(Moisture—Measurement) (Wool—Testing)

UVISHIS, L.A., kand.tekhn.nauk; SEMINA, N.A., inzh.

Determining the thinness of wool in an air stream. Tekst.prom. 20 no.9:51-52 S '60. (MIRA 13:10)
(Wool--Testing) (Thickness measurement)

LUVISHIS, L.A., kand.tekhn.nauk, nauchnyy sotrudnik; SEMINA, N.A., inzh., nauchnyy sotrudnik

Synthetic fibers for the manufacture of yarns for industrial use. Tekst.prom. 22 no.8:39-40 Ag '62. (MIRA 15:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut sherstyanoy promyshlennosti (TsNIIShersti).
(Textile fibers, Synthetic)

LUVISHIS, L.A.; SEMINA, N.A.

Textile fabrics and yarn. Standartizatsiia 26 no.6:48 Je '62. (MIRA 15:7)
(Textile fabrics--Standards) (Yarn--Standards)

LUVISHIS, L.A., kand.tekhn.nauk; SEMINA, M.A., inzh.

Rapid method for determining the tinness of wool fibers in an air jet. Nauch.-issl.trudy TSNIIShersti no.16:177-186 '61. (MIRA 16:11)

SEMSINA, N.A.

Interrelationship between the lymphatic systems of the human larynx and thyroid gland. Arkh.anat. gist. i embr. 33 no.1:48-54 Ja-Mr '56 (MIRA 12:1)

1. Iz kafedry normal'noy anatomii (zav. - prof. E.Ya. Vyrenkov) Ivanovskogo gosudarstvennogo meditsinskogo instituta (dir. prof. P.P. Erofeyev). Adres avtora: Ivanova, Meditsinskiy institut, kafedra normalnoy anatomii.

(LARYNX, anatomy and histology
lymphatic system, relation to thyroid lymphatic system (Rus))
(THYROID GLAND, anatomy and histology,
lymphatic system, relation to laryngeal lymphatic system (Rus))
(LYMPHATIC SYSTEM,
larynx & thyroid, interrelationship (Rus))

SEMINA, N.A.

KRYLOVA, M.D.; SEMINA, N.A.; STYAZHKINA, T.V.; CHEPKOV, V.N.

Protective properties of the Vi type phage of Salmonella typhosa in its adaptation capacity in the mouse organism. Zhur. mikrobiol. epid. i immun. 29 no.4:41-47 Ap '58. (MIRA 11:4)

1. Iz kafedry epidemiologii I Moskovskogo meditsinskogo instituta imeni Sechenova.

(BACTERIOPHAGE,
of Salmonella typhosa, protective properties & adaptation capacity in mouse (Rus)
(SALMONELLA TYPHOSA,
bacteriophage, protective properties & adaptation capacity in mouse (Rus)

SEMINA, N. A. Cand Med Sci -- (diss) "Epidemiological and immunological effectiveness of ~~the IEM~~ polyvacoine (of the Inst of Exp Med (with respect) imeni Gamaleya ~~in relation~~ to typhoid fever and B-paratyphoid." Mos, 1959. 14 pp (Acad Med Sci USSR. Inst of Epidemiology and Microbiology im Honored Academician N. F. Gamaleya), 200 copies (KL, 46-59, 140)

SEMINA, N.A.

Studies on the epidemiological effectiveness of the vaccine developed by the Institute of Epidemiology and Microbiology with special reference to typhoid and paratyphoid B fevers. Zhur.mikrobiol.epid. i immun. 30 no.7:7-10 Jl '59. (MIRA 12:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TYPHOID - immunology)
(PARATYPHOID FEVERS - immunology)
(VACCINES)

KORSHAKOVA, A.S.; BOLDYREV, T.Ye.; ALEKSANYAN, A.B.; SHATROV, I.I.; LEYTMAN, L.V.; FROLOV, V.I.; SEMINA, N.A.; DEVOYNO, L.V.; SIZINTSEVA, V.P.; BATURINA, L.M.; ABAKAROV, U.A.; GRINAVTSEVA, V.P.; MEDZHIDOV, V.; KORSHUNOVA, N.A.

Studies on the reactogenic properties of Gamaleia IEM polyvaccine. Zhur.mikrobiol.,epid.i immun. 30 no.11:37-41 N '59. (MIRA 13:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(DYSENTERY BACILLARY immunol.)
(TYPHOID immunol.)
(PARATYPHOID FEVERS immunol.)
(TETANUS immunol.)
(VACCINATION)

DOLGOV, G.F.; SEMINA, N.A.

Method for detecting antibodies using the luminescent-serological method with Rickettsia prowazeki as a model. Lab. delo 7 no.12: 25-30 D '61. (MIRA 14:11)

1. Otdel epidemiologii (zav. - prof. T.Ye.Boldyrev) Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR, Moskva.
(ANTIGENS AND ANTIBODIES) (SERUM DIAGNOSIS)
(RICKETTSIA)

KOROSTELEV, V.Ye.; KOVALEVA, N.I.; PROKHOROVA, L.N.; MATKOVSKAYA, Ye.K.; CHERNYSHEVA, N.I.; MATVEYEVA, V.N.; KOSTROMINA, I.N.; SEMINA, N.A.; TELESHEVSKAYA, E.A.

Study of the reaction-producing qualities of the chemically associated vaccine of the Gamaleia Institute of Epidemiology and Microbiology against typhoid fever, parathyphoid fever, and tetanus.. Zhur. mikrobiol.epid.i immun. 33 no.5:121-122 My '62. (MIRA 15:8)

1. Iz Instituta epidemiolgoii i mikrobiologii imeni Gamalei AMN SSSR.
(VACCINES) (TYPHOID FEVER) (PARATYPHOID FEVER) (TETANUS)

SEMINA, N.A.

Use of the radon waters of the Pyatigorsk Health Resort in a general compound treatment of children after recovery from acute poliomyelitis according to clinical and electromyographic data. Vop. kur., fizioter. i lech. fiz. kul't. 29 no.1:19-23 '64. (MIRA 17:9)

1. Pyatigorskaya klinika (nauchnyy rukovoditel' - prof. S.M. Petelin), glavnyy vrach V.M. Dukhovskoy) Pyatigorskogo instituta kurortologii i fizioterapii.

SEMINA, N.A. (Cyatigorsk)

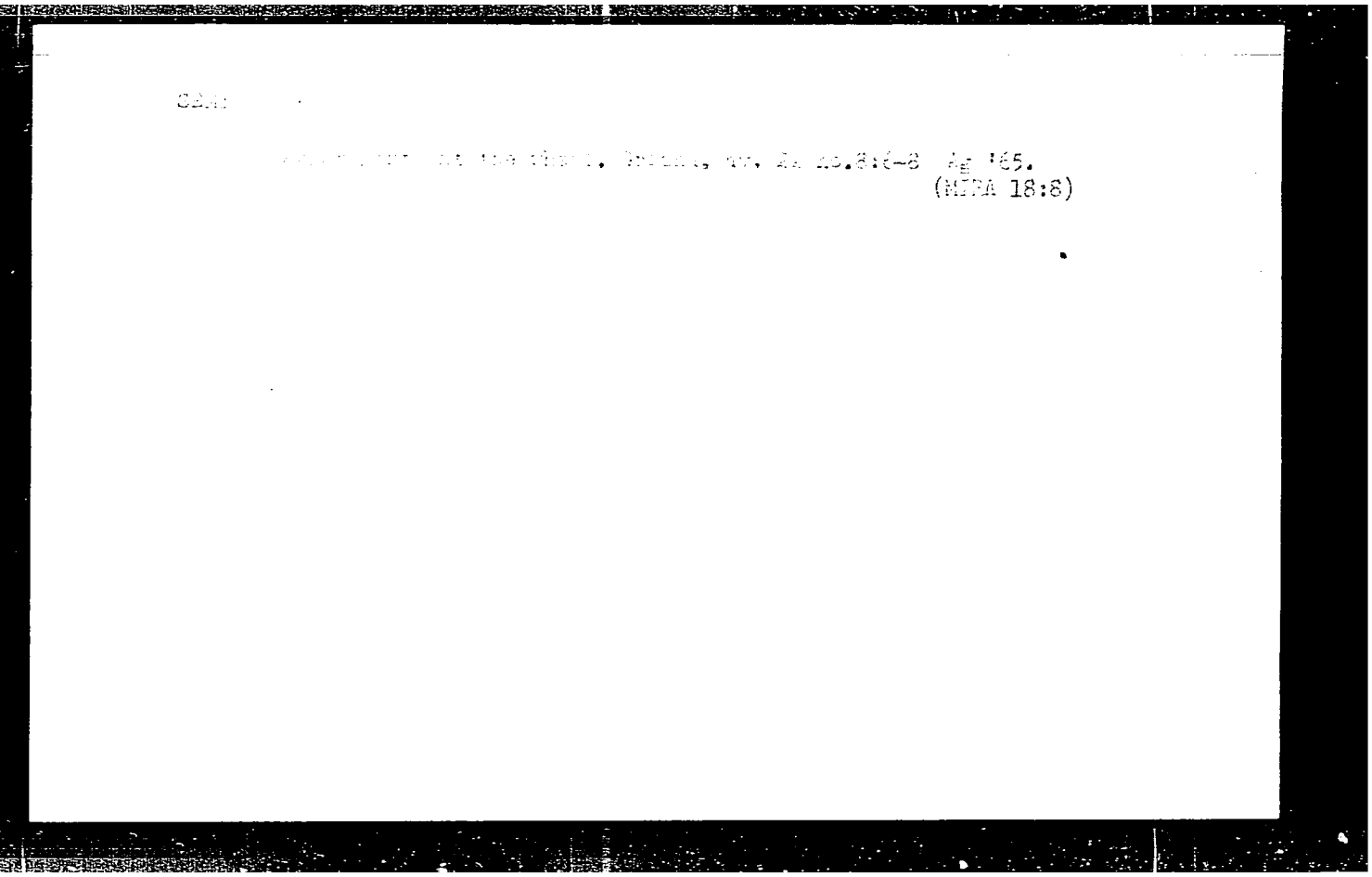
Clinical and electromyographic analysis of the effect of health resort treatment on the dynamics of the restoration of motor function in poliomyelitic lesions of the neuromotor apparatus. Zhur. nevr. i psikh. 64 no.9:1301-1304 '64. (MIRA 17:12)

LYAMPERT, I.M.; SMIRNOVA, M.N.; SEMINA, N.A.

Hypersensitivity of the delayed type in laboratory animals sensitized with streptococcal allergen. Zhur.mikrobiol., epid. i immun. 42 no.12:101-107 D '65.

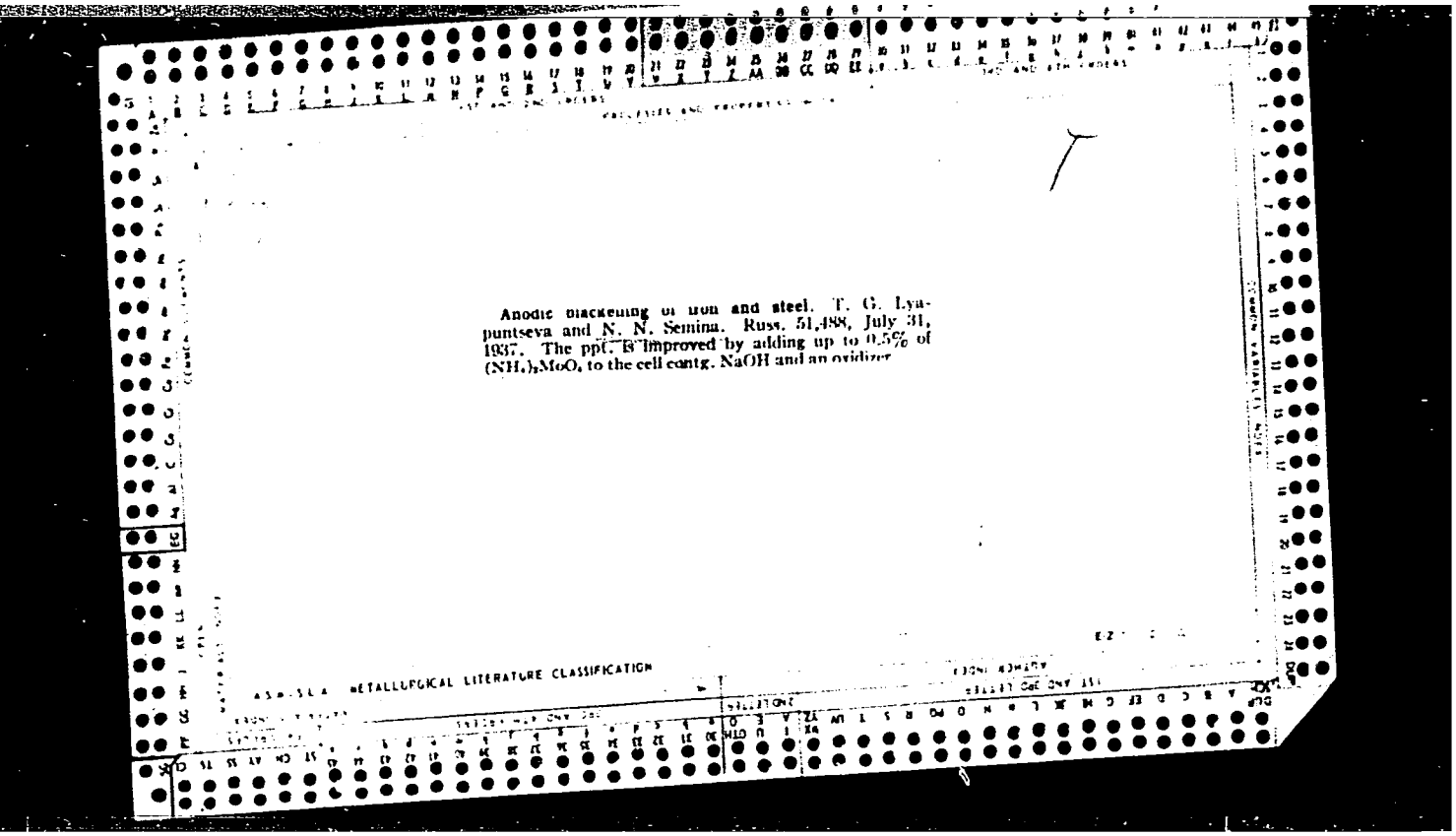
(MIRA 19:1)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.



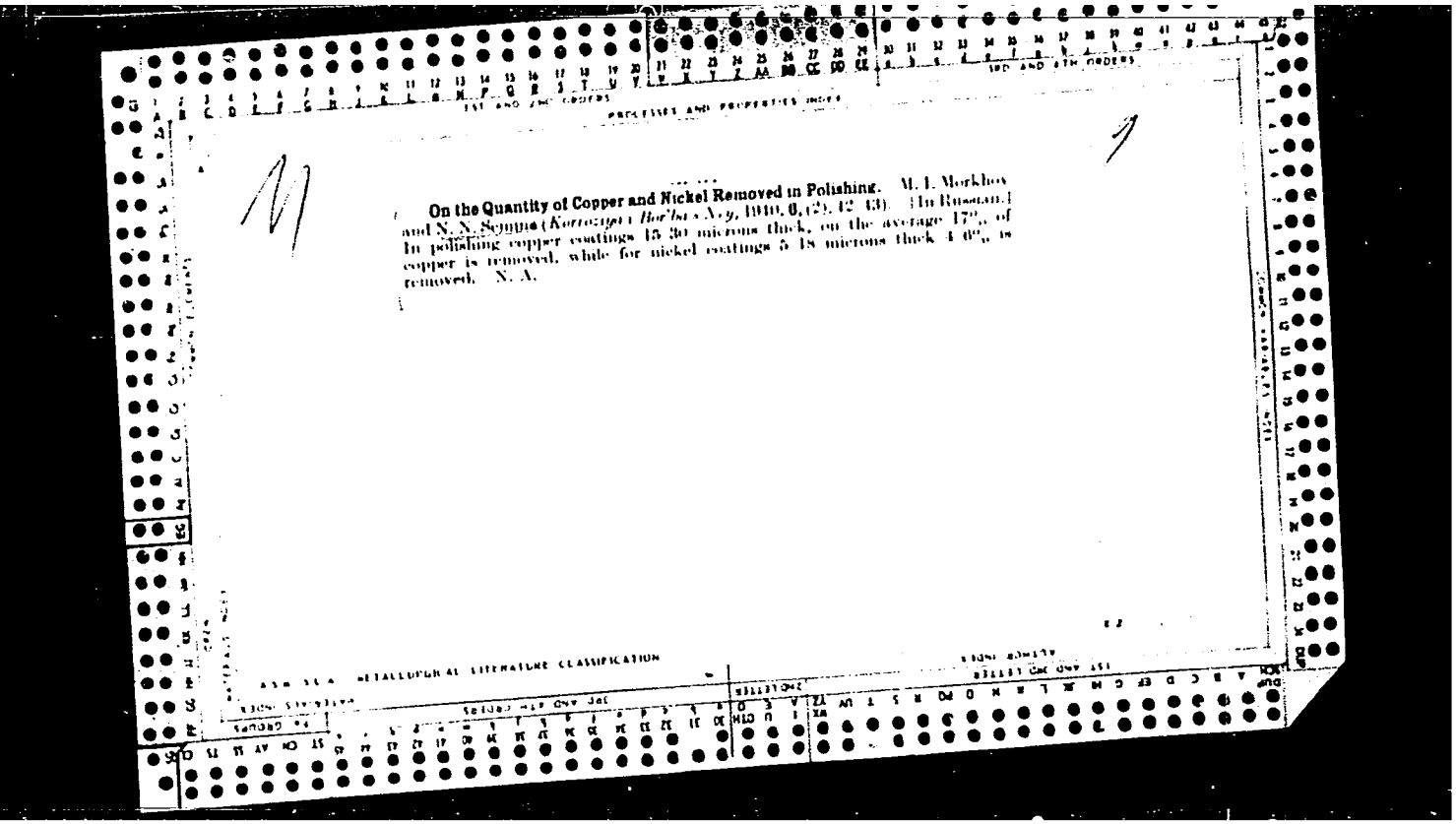
CIA:

[illegible] Aug 65.
(NCPA 18:8)

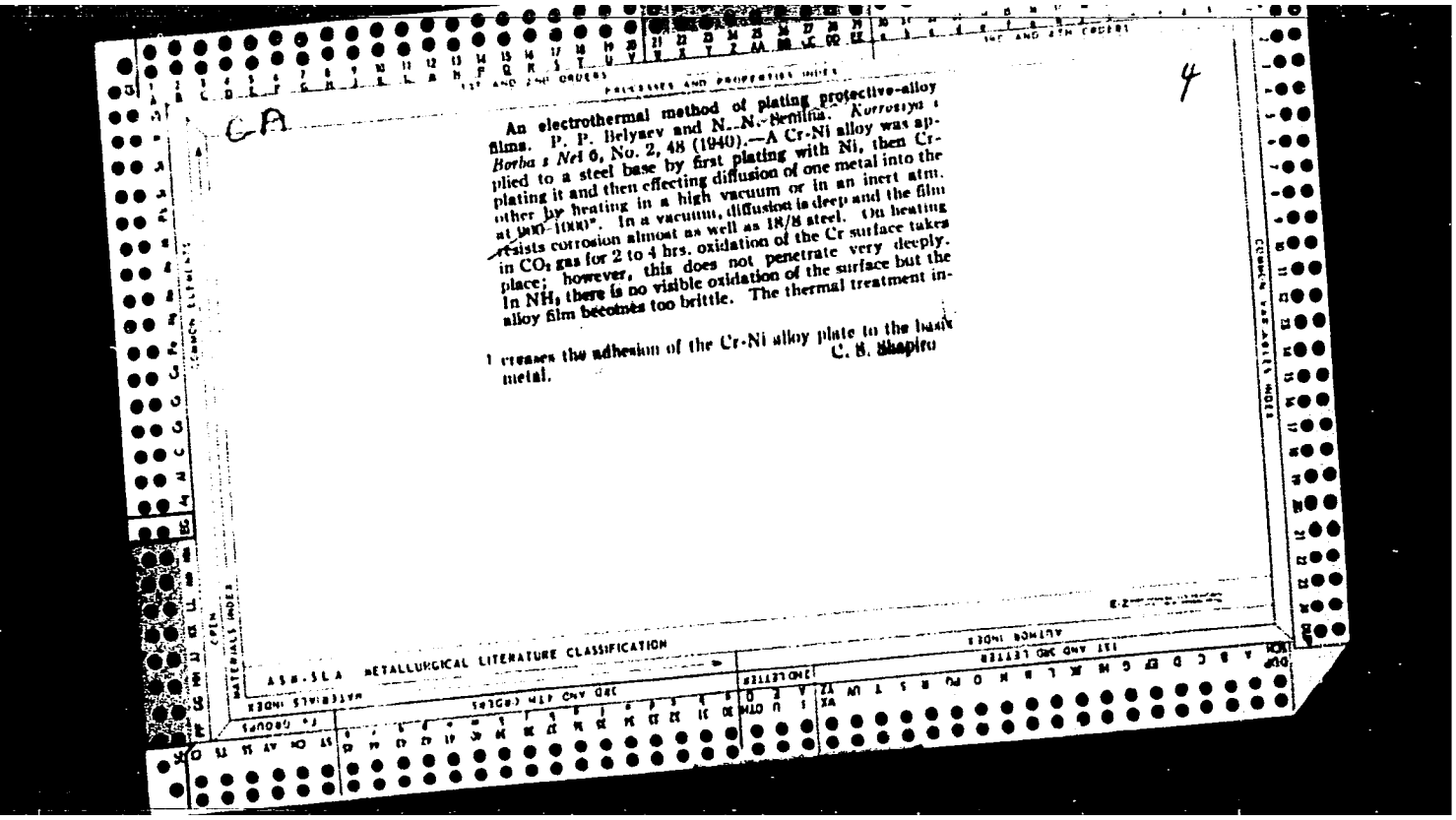


Anodic blackening of iron and steel. T. G. Lyapuntseva and N. N. Semina. Russ. 51,488, July 31, 1937. The ppt. is improved by adding up to 0.5% of $(NH_4)_2MoO_4$ to the cell contg. NaOH and an oxidizer.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



**On the Quantity of Copper and Nickel Removed in Polishing.** M. I. Markhov and N. N. Seppin (*Korroziya i Bor'ba s Ney.* 1940, 6, (2), 42–43). [In Russian.] In polishing copper coatings 15–30 microns thick, on the average 17% of copper is removed, while for nickel coatings 5–18 microns thick 4·6% is removed. N. A.



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An electrothermal method of plating protective-alloy films. P. P. Belyaev and N. N. Bentilia. *Korroziya i Borba s Net* 6, No. 2, 48 (1940).—A Cr-Ni alloy was applied to a steel base by first plating with Ni, then Cr-plating it and then effecting diffusion of one metal into the other by heating in a high vacuum or in an inert atm. at 900–1000°. In a vacuum, diffusion is deep and the film resists corrosion almost as well as 18/8 steel. On heating in $CO_2$ gas for 2 to 4 hrs. oxidation of the Cr surface takes place; however, this does not penetrate very deeply. In $NH_3$ there is no visible oxidation of the surface but the alloy film becomes too brittle. The thermal treatment increases the adhesion of the Cr-Ni alloy plate to the basic metal.

C. B. Shapiro

MORKHOV, M.I., kandidat tekhnicheskikh nauk; SEMINA, N.N., mladshiy nauchnyy sotrudnik [deceased].

The cohesion of nickel coatings with anode-pickled, sand-blasted steel and mat finish nickel. Sbor.st.NIIKHIMMASH no.15:116-127 '54. (MLRA 10:1)

(Nickel plating--Testing)

SHTER, Boris Ovseyevich; VAYSFEL'D, Vladimir Yur'yevich; SEMINA, N.V., red.; GALAKTIONOVA, Ye.N., tekhn.red.; NIKOLAYEVA, L.N., tekhn.red.

[Brigades of communist labor in automotive transportation; collectives of the 1st and the 36th auto depots of the Moscow City Building Transportation Trust] Brigady kommunisticheskogo truda na avtomobil'nom transporte; o kollektivakh 1-i 35-i avtobaz Mosstroitransa. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 33 p. (MIRA 14:1)
(Moscow--Transportation, Automotive)
(Socialist competition)

KUTIKOV, Georgiy Semenovich; PLEKHANOV, Ivan Petrovich; SEMINA, N.V., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Maintenance of motor vehicles] Tekhnicheskoe obsluzhivanie avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 53 p. (MIRA 14:8)
(Motor vehicles--Maintenance and repair)

ADARYUKOV, Igor' Konstantinovich; PANFEROV, A. oksandr Dmitriyevich; SE.INA, N.V., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Roads build with the help of the people; practice of road construction in Perm Province] Dorogi - metodom narodnoi stroiki; iz opyta stroitel'stva dorog v Permskoi oblasti. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 39 p. (MIRA 15:3)
(Perm Province—Road construction)

IMSHENETSKIY, V.B., inzh.; SEMINA, O.I., red.

[Building large-panel apartment houses in Sverdlovsk] Krupnopanel'noe domostroenie v Sverdlovske. Sverdlovsk, TSentr. biuro tekhn. informatsii, 1962. 27 p. (MIRA 17:8)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiy administrativnyy rayon. Upravleniye stroitel'stva.

AKIMOV, V.M.; KLYACHKO-GURVICH, A.L.; RUBINSHTEYN, A.M.; SIMULIN, Yu.N.; SLINKIN, A.A.; SEMINA, R.T.

Study of catalysts for ammonia synthesis with different degrees of reduction. Izv. AN SSSR. Ser. khim. no.12:2208-2210 D '63. (MIRA 17:1)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

SEMINA, S.A.; RAUZER-CHERNOUSOVA, D.M., otv.red.; CHEPIKOVA, I.M., otv.red.; KUZ'MIN, F.I., tekhn.red.

[Stratigraphy and Foraminifera (Fusulinidae) of the Schwagerina beds in the Oka-Tsna uplift] Stratigrafiia i foraminifery (fuzulinidy) shvagerinovogo gorizonta Oksko-TSninskogo podniatiia. Moskva, Izd-vo Akad.nauk SSSR, 1961. 72 p. 5 plates. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.57). (MIRA 15:5)
(Oka Valley--Geology, Stratigraphic)
(Oka Valley--Foraminifera, Fossil)

KISELEV, P.N.; BUZINI, P.A.; SEMINA, V.A.

Specificity of protein denaturation in the body following x-ray irradiation. Vest.rent. i rad. no.3:3-9 My-Je '55. (MLRA 8:10)

L. Iz bakteriologo-serologicheskoy laboratorii (zav. prof. P.N. Kiselev) Tsentralnogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR (dir. prof. M.N.Pobedinskiy)

(ANTIGENS AND ANTIBODIES,
antibody form. eff. of x-rays)
(COMPLEMENT,
fixation, eff. of x-rays)
(ROENTGEN RAYS, effects,
on antibody form. & complement fixation)

KISELEV, P.N., prof.; SEMINA, V.A

Some immunological self-protective mechanisms of the organism against ionizing radiations. Vop.radiobiol. 2:356-363 '57. (MIRA 12:6)

1. Sotrudniki TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.
(IMMUNITY) (RADIATION--PHYSIOLOGICAL EFFECT)

KISELEV, P.N.; SEMINA, V.A.

Some immunological mechanisms of autoprotection of the organism from the effect of ionizing radiations. Zhur.mikrobiol.epid. i imun. 30 no.1:44-40 Ja '58. (MIRA 12:3)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.

(IMMUNITY,
eff. of bact. toxins on radio-sensitive & radio-resist. animals (Rus))
(RADIATIONS, effects,
same)

SEMINA, V.A.

69

PHASE I BOOK EXPLOITATION SOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Voprosy radiobiologii. t. III: Sbornik trudov, posvyashchennyy 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdravookhraneniya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation diseases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR] during 1958-59. The following

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#69

Problems in Radiation Biology (Cont.) SOV/5435

topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

TABLE OF CONTENTS:

KISELEV, P.N.; SEMINA, V.A.

Ways of normalizing immunogenesis disturbed by the action of ionizing radiations. Med.rad. 9 no.9:61-67 S '64.
(MIRA 18:4)

1. Laboratoriya radiatsionnoy immunologii (zav. - prof. P.N. Kiselev) TSentral'nogo nauchno-issledovatel'skogo rentgenoradiologicheskogo instituta (dir. Ye.I.Vorob'yev) Ministerstva zdravookhraneniya SSSR.

TYCHININ, Vyacheslav Vasil'yevich; SEMINA, V.F., red.; PECHERSKAYA, T.I., tekhn. red.

[Rails in the Taiga] Rel'sy v taige. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 27 p. (MIRA 14:10)
(Taiga—Railroads—Construction)

KOZLOVSKIY, Vladimir Nikolayevich; SEMINA, V.F., red.; PECHERSKAYA, T.I., tekhn. red.

[Towards our cherished goal] Navstrechu zavetnomu. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 10 p. (MIRA 14:9)
(Zalari District—Stock and stockbreeding)

ABLOV, A.V.; SEMINA, V.G.

Reaction of platinum (II) tetramines containing ammonia and aromatic amines with bromide and iodide ions. Zhur. neorg. khim. 10 no.3:608-614 Mr '65. (MIRA 18:7)

1. Institut khimii AN Moldavskoy SSR.

ABLOV, A.V.; SEMINA, V.G.

Thermal decomposition of bromides and iodides of mixed platinum (II) cis-tetramines. Zhur. neorg. khim. 10 no.9:1987-1989 S '65. (MIRA 18:10)

1. Institut khimii AN Moldavskoy SSR.

ABLOV, A.V.; SEMINA, V.G.

Thermal decomposition of chlorides of mixed platinum (II) cis-tetramines containing ammonia and aromatic amines in the inner coordination sphere. Zhur.neorg.khim. 8 no.9:2059-2061 S '63. (MIRA 16:10)

1. Institut khimii Akademiya nauk Moldavskoy SSR.

ABLOV, A.V.; SEMINA, V.G.

Platinum (II) trans-tetramines mixed with ammonia and aromatic amines. Zhur.neorg.khim. 9 no.4:822-826 Ap '64. (MIRA 17:4)

1. Institut khimii Akademii nauk Moldavskoy SSR.

CHERNYSHEV, Boris Ivanovich; SEMINA, V.I., red.; PECHERSKAYA, T.I., tekhn. red.

[In the land of reindeer paths]V kraiu olen'ikh trop. Irkutsk, Irkutskoe knizhnoe izd-vo, 1962. 61 p. (MIRA 15:12)
(Karagasses)

SEMINA, V.S

SUBJECT: USSR/Welding

135-8-14/19

AUTHORS: Lysenko, A.F., Engineer, and Semina, V.S., Engineer.

TITLE: Effect of Water-Glass Viscosity on the Quality of Pressure-Coated Electrodes (Vliyaniye vyazkosti zhidkogo stekla na kachestvo elektrodov izgotovlennykh metodom opressovki).

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, #8, pp 36-37

ABSTRACT: The wide difference observed in plasticity, appearance, tendency to cracks, strength, and moisture-resistance of electrode coatings made with water-glass of different viscosities caused the Moskva Electrode Plant to investigate the effect of viscosity. Recently the plant evaluated water-glass by its viscosity, measured by a Heppler viscosimeter (shown in photograph).

A viscosity of 740-800 centipoise gives very satisfactory results and eliminates addition of plastificators (dextrine and caoline). It is stated that the surface film which water-glass forms in contact with carbon dioxide in air, forms within 3 min at 10,000 centipoise viscosity, and within 33 min at 800 centipoise viscosity. By using water-glass of a certain viscosity it was possible to raise the drying heat for electrodes "342" from 180-200°C to 220-240°C, the high strength and

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SEMINA Ye V

IVANOVA, Ye.N.; SEMINA, Ye.V.

Soils of pine forest islets in Kazakhstan [with summary in English].
Pochvovedenie no.9:10-19 S '57. (MIRA 10:12)

1. Pochvennyy institut im. V.V.Dokuchayeva AN SSSR.
(Kazakhstan--Forest soils)

SEMINA, Ye.V.

Grey forest soils of the Krasnoyarsk forest-steppe region and problems of their genesis. Pochvovedenie no.1:29-39 Ja '61. (MIRA 14:1)

1. Pochvennyy institut imeni V.V. Dokuchayeva AN SSSR.
(Krasnoyarsk Territory--Forest soils)

IVANOVA, Ye.N.; ROZOV, N.N.; YEROKHINA, A.A.; NOGINA, N.A.; NOSIN, V.A.; UFIMTSEVA, K.A.; Prinimali uchastiye: IVANOVA, Ye.N.; ROZOVYY, N.N.; BUDINA, L.P.; VISHNEVSKAYA, I.V.; GERASIMOV, I.P.; KARAVAYEVA, N.A.; KOSHELEVA, I.T.; NAUKOV, Ye.M.; SEMINA, Ye.V.; SOKOLOV, I.A.; SOKOLOVA, T.A.; TARGUL'YAN, V.O.

New materials on general geography and soil classification of the polar and boreal belts of Siberia. Pochvovedenie no.11:7-23 N '61. (MIRA 14:12)

(Siberia, Northern--Soils--Classification)
(Siberia, Northern--Geography)

ABRAMOV, M.K.; SEMINA, Ye.G.

Amperometric titration of calcium in drugs. Apt. delo 13 no.3:58-59 My-Je '64. (MIRA 18:3)

1. Tashkentskiy farmatsevticheskiy institut.

I. G. SEMINA

3(0) PHASE I BOOK EXPLOITATION SOV/2019

Kazan. Khimiko-tekhnologicheskiy institut imeni S.M. Kirova

Trudy, vyp. 22, Khimicheskiye nauki (Transactions of the Chemical and Technological Institute imeni S.M. Kirov, Kazan. Nr 22, Chemical Sciences) Kazan', 1958. 173 p. Errata slip inserted. 300 copies printed.

Editorial Board: K.M. Mochalov (Resp. Ed.) Professor; A.A. Trofimov, (Resp. Ed.) Professor, I. Ya. Moyzak (Deputy Resp. Ed.) Professor, G.S. Vorobiyenskiy, Professor, A. Ye. Arbuzov, Academician, Kh. M. Minachev, Professor, A.M. Grigor'yev, Professor, M.A. Kholmo, Professor, Dzh. A. Tarkhanov (Resp. Secretary) Docent; Ed.: Th. Karyl; Tech. Ed.: I. Kh. Zaymullin.

PURPOSE: This book is intended for industrial chemists, technologists, scientists, teachers, and research students in applied chemistry.

COVERAGE: The collection contains reports by faculty members of the sponsoring institute and also commemorates the 75th year of the birth and first anniversary of the death of Professor Aleksey Mikhaylovich Vasil'yev, Doctor of Chemical Sciences and Head of the Faculty. A review of Vasil'yev's scientific activities is given along with a chronological bibliography of his published works and that of members of the institute under his leadership. Articles of the collection deal mainly with electro-chemistry and the analysis of electrochemical processes, chemical analyses, and investigations of the prospective application of physicochemical phenomena in industrial processes, e.g., cleaning with ultrasound, enhancing the properties of building materials with additives, etc. References are given at the end of each article.

TABLE OF CONTENTS:



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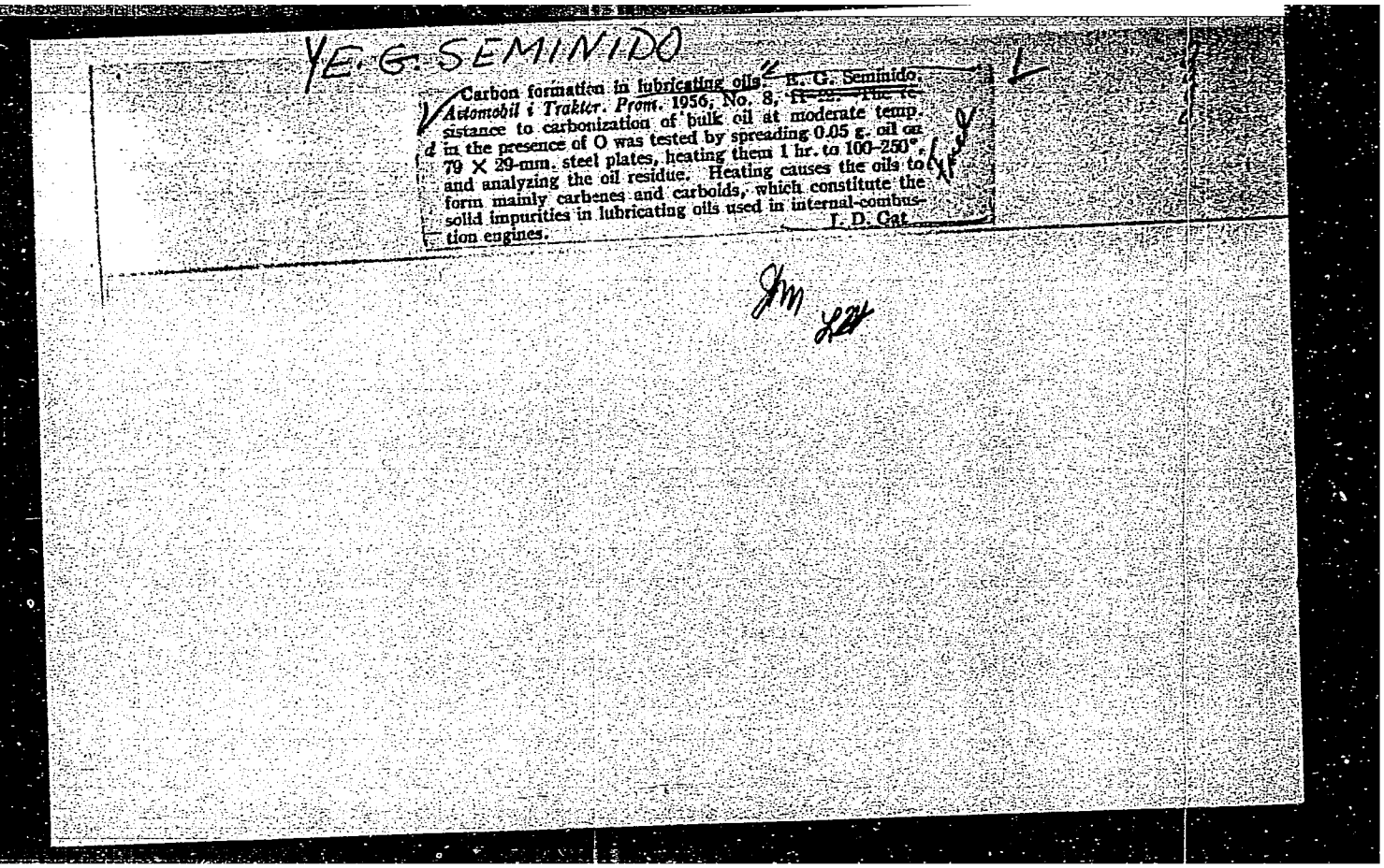

YE. G. SEMINDO

Carbon formation in lubricating oils. E. G. Seminido. *Avtomobil i Traktor. Prom.* 1956, No. 8, [illegible]. The resistance to carbonization of bulk oil at moderate temp. and in the presence of O was tested by spreading 0.05 g. oil on 79 × 29-mm. steel plates, heating them 1 hr. to 100–250°, and analyzing the oil residue. Heating causes the oils to form mainly carbenes and carboids, which constitute the solid impurities in lubricating oils used in internal-combustion engines.

I. D. Gat

Dissertation: "Water-Storage Electric Power Station for Daily Regulation of the Cascade of a GES." Cand Tech Sci, Central Asia Polytechnic Inst, 28 May 54.
Pravda Vostoka, Tashkent, 4 May 54.

SO: SUM 2e4, 26 Nov 1954

SEMIN'KO, V. A.

"Method of Mineralizing Organic Substances Containing C, H and C, H and O With a Mixture of Potassium Iodate and Sulfuric Acid." Cand Pharm Sci, Moscow Pharmaceutical Inst, Min Health USSR, Moscow, 1955. (KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SEMIN'KO, V.A.

BORISYUK, Yu.G.; KAZARNOVSKIY, L.S.; KRASOVSKIY, N.P. [deceased]; SEMIN'KO, V.A.

Kharkov Pharmaceutical Institute on the 40th anniversary of the Great October Socialist Revolution. Apt.delo 6 no.6:10-13 N-D '57. (MIRA 10:12)
(KHARKOV--PHARMACY--STUDY AND TEACHING)

Semin'ko, V.A.

32-11-55/60

AUTHOR: Semin'ko, V.A.

TITLE: Short Reports (6) (Korotkiye soobshcheniya)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1394-1394 (USSR)

ABSTRACT: In order to avoid consequences caused by an unexpected shaking of certain solutions (sulphuric acid, sodium hydroxide etc.) when investigating precipitation, the author recommends a rod-shaped boiling device of special construction. As seen from the illustration it consists of a rod which has a ball at one of its ends (which is the heater proper) and which ends in a bubble-cap extension. The edges of this bubble-cap are made rough in order to avoid the device sliding along the bottom of the vessel. Boiling begins at a certain distance from the bottom of the vessel at a point where the heating ball is connected with the bubble cap because here, in the narrow space between ball and bubble cap, the thin sheet of water is heated more rapidly. The rod-shaped boiling device itself should be in an oblique position, resting against the edge of the vessel, so that it touches the bottom only with the edge of the bubble cap. There is 1 figure.

Card 1/2

ASSOCIATION: Khar'kov Pharmaceutical Institute (Khar'kovskiy farmatsevticheskiy institut)

AVAILABLE: Library of Congress

Card 2/2

SEMIN'KO, V.A.; GRIN', N.P.

Methodology for quantitative determination of iodine in organic pharmaceutical preparations. Farmatsev. zhur. 19 no.6:16-20 '64. (MIRA 18:4)

1. Khar'kovskiy farmatsevticheskiy institut.

SANKIN, D.I., kand. ekon. nauk; SEMINOY, S.I., kand. ekon. nauk; BEREZNOY, N.I., kand. ekon. nauk; ZHDANOV, A.I., kand. ekon. nauk; GORCHAKOV, A.A., inzh.; ZAKHAROV, V.V., inzh.; YUNOVICH, I.M., inzh.; RYVKIN, A.S., inzh.; KOVRIGIN, V.V., ekonomist; DIDENKO, S.I., kand. ekon. nauk; SANDOMIRSKIY, A.T., ekonomist; GONCHARENKO, B.L., kand. ekon. nauk; KOTOV, V.F., inzh.; EYDEL'MAN, B.I., red.

[Handbook for the economist and planner in an industrial enterprise] Spravochnik ekonomista i planovika promyshlennogo predpriiatiia. Moskva, Ekonomika, 1964. 698 p. (MIRA 17:6)

SEMINSKI, V. K.

New devices for turning. Mashinostroene 10 no.10:26-27 O '61.

PA 48/49T92

SEMINSKIY, M. S.

USSR/Physics Apr 49
Academy of Sciences
Electromagnetism

"Problems in the History of Physics at the 5 January 1949 Session of the Academy of Sciences, Held in Leningrad," M. S. Seminskiy, 5½ pp

"Zhur Tekh Fiz" Vol XIX, No 4

Summarizes Acad S. I. Vavilov's opening speech and following papers: (1) "History of Meteorology in Russia," (2) "The Work of E. Kh. Lents and B. S. Yakobi on Electromagnetism," (3) "Russia - Fatherland of the Electromagnetic Telegraph," [redacted]

48/49T92

USSR/Physics (Contd) Apr 49

(4) "The Role of Yakobi in the Development of Electrotechnology," and (5) "The 30th Anniversary of the Journal 'Uspekhi Fizicheskikh Nauk.'"

Submitted 1 Mar 49

48/49T92

SEMINSKIY, V., tokar', laureat Stalinskoy premii

This is a miracle out of a fairy tale. Sov. profsoiuzy 17 no.8:7 Ap '61. (MIRA 14:3)

1. Kiyevskiy zavod "Krasnyy ekskavator." (Gagarin, IUrii Alekseevich, 1934- )

SEMINSKIY, V., tokar'; CHERNYKH, N., starshiy val'tsovshchik, Geroy Sotsialisticheskogo Truda

Green light to the council of efficiency promoters! Sov. profsoiuzy 17 no.20:31-32 O '61. (MIRA 14:9)

1. Zavod "Krasnyy ekskavator", g. Kiyev (for Seminskiy). 2. Verkh-Isetskiy metallurgicheskiy zavod, g. Sverdlovsk (for Chernykh).
(Suggestion systems)

SEMINSKIY, VITALIY KUPRIANOVICH

Skorostnoe rezanie metallov; opyt raboty. Pod red. S. G. Grishkana. Moskva, Mashgiz, 1949. 49 p. port., diagrs. (Novatory v mashinostroenii)

High-speed metal cutting; work experience

DLC: TH1230.S42

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

SEMINSKIY, V.

Technology

Kompleksnyi metod skorostnogo reznaiia (Overall metho of high-speed cutting). (Moskva), Profizdat, 1951. 56 p.

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED

SEMINSKIY, VITALIY KUPRIYANOVICH.

Skorostnoe rezanie metallov. Kiev, Mashgiz, Ukr. odt-nie, 1951. 86 p. ports., diagrs.

High-speed metal cutting.

DLC: TH1230.Sh2 1951

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

SEMINSKIY, Vitaliy Kuprianovich

Our complex method for rapid machining of metals. Moskva, Znanie, 1952.
15 p. (52-43333)

TS213.S4

SEMINSKIY, Vitaliy Kuprianovich.

Tools and attachments for high-speed lathe operators Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1953. 201 p. (5530616)

1. Lathes.
2. Metal-cutting tools.

TJ1218.S4.

SEMINSKIY, V.K.; KUNKIN, Ya.A.

Practical application of V.A.Kolesov's method in boring operations. Stan.i instr. 24 no.7:27-28 Jl '53. (MLRA 6:8)
(Drilling and boring machinery)

SEMINSKIY, V. K.

5561. Seminskiy, V. K. Chernovaya obtochka Konicheskikh shesteren, prisposobleniye dlya poluavtomaticheskoy obtochki stupenchatykh valov i lyunet dlya obtochki nezhestkikh valov. L., 1954. 10 s. s ill. 21 sm. (Vsesoyuz. o-vo po rasprostraneniyu polit. i nauch. znaniy. Leningr. dom nauch.-tekhn. propagandy. Listok novatora. No 23 (262)). 3300 ekz. 15k.----Avt. ukazan v kontse teksta.----
(54-14782zh) 621.941.01

So: Knizhnaya Letopis', Vol. 1, 1955

SEMINSKIY, V. K.

USSR/ Engineering - Machining

Card : 1/1

Authors : Seminskiy, V. K.

Title : A device for reducing the machining time of reduction shafts.

Periodical : Stan. i Instr., Ed. 6, 37, June 1954

Abstract : A device which, in the opinion of the author, resulted in saving time during the machining of reduction shafts, is described. The disposition of components, and the operational characteristics of the above mentioned device, are briefly described. Diagram.

Institution : ...

Submitted : ...

SEMINSKIY,V.K., laureat Stalinskoy premii.

Reduction of time spent on setting up machine tools. Vest. mash. 35 no.2:77-79 F '55. (MLRA 8:6)

1. Tokar' zavoda "Krasnyy ekskavator"
(Machine-shop practice)

SEMINSKIY, Vitaliy Kupriyanovich; LISENKO, F.K., redaktor

[Ways of reducing setup, man, and down time in high speed lathe work] Shliakhy skorochennia dopomizhnoho chasu pri shvydkisnii tokarni obrobtsi. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1956. 16 p. (MLRA 9:12)
(Turning)

SEMINSKIY, Vitaliy Kupriyanovich, tokar'; MOROZ, I.I., redaktor; ISLENT'YEVA, P.G., tekhnicheskiy redaktor.

[The complex method of rapid machining of metals; based on the "Sunday lectures" of the Polytechnical Museum] Kompleksnyi metod skorostnoi obrabotki metallov; po materialam "Voskresnykh chtenii" Politekhnicheskogo muzeia. Moskva, Izd-vo "Znanie" 1956. 22 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4 no.8). (MLRA 9:5)

1. Kiyevskiy zavod "Krasnyy ekskavator".
(Metal cutting)

SEMINSKIY, Vitaliy Kuprianovich; FILONENKO, S.N., kandidat tekhnicheskikh nauk, dotsent, retsenzent; MIKHAYLENKO, A.A., inzhener, redaktor; SOROKA, M.S., redaktor; RUDENSKIY, Ya.V., tekhnicheskiy redaktor.

[Ways of reducing auxiliary time in high-speed cutting of metals; from work practice of the author] Puti sokrashcheniia vspomogatel'nogo vremeni pri skorostnom rezanii metallov; iz opyta raboty avtora. Kiev, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 70 p. (Metal cutting) (MLRA 9:6)

SEMINSKIY, V.

Make way for progressive work practices. Sov.profsoiuzy 4 no.3:31-34 Mr '56. (MLRA 9:7)

1.Tokar' Kiyevskogo zavoda "Krasnyy ekskavator" delegat XX s"yezda Kommunisticheskoy partii Sovetskogo Soyuza.
(Kiev--Efficiency, Industrial)

SEMINSKIY, V.K.

Self-gripping chucks. Mashinostroitel' no.11:38-39 N '57.
(MIRA 10:10)

(Chucks)

SEMINSKIY, V., tokar', laureat Stalinskoy premii.

Introduce persistently everything new and progressive. Sov. profsoiuzy 6 no.17:12-13 D '58. (MIRA 12:1)

1. Kiyevskiy zavod "Krasnyy ekskavator," chlen prezidiuma Ukrainskogo respublikanskogo soveta profsoyuzov.
(Efficiency, Industrial)

SEMINSKIY, Vitaliy Kupriyanovich; PREYS, G.A., dotsent, kand.tekhn.nauk, retsenzent; MAYEVSKIY, V.V., inzh., red.; RUDENSKIY, Ya.V., tekhn.red.

[Increasing the output in machining on lathes] Povyshenie proizvoditel'nosti pri rabote na tokarnykh stankakh. Moskva, Gos. nauchno-tekhn.izd-vo mashinostr.lit-ry, 1959. 95 p.
(MIRA 12:10)

(Turning)

SEMINSKIY, Vitaliy Kupriyanovich; KUNKIN, Yakov Abramovich; RUDNIK, S.S., prof., red.; KUDRYAVTSEV, G., red.; PATSALYUK, P., tekhn.red.

[Attachments and devices for lathe work] Prisposobleniia i instrumenty dlia tokarnoi obrabotki. Pod red. S.S. Rudnika. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1959. 233 p. (MIRA 12:5)
(Lathes--Attachments)

SEMINSKIY, V., tokar'laureat Stalinskoy premii (g. Kiyev)

The main thing is labor productivity. NTO no.1:6 Ja '59.
(MIRA 12:2)

1. Zavod "Krasnyy ekskavator."
(Efficiency, Industrial)