

GRIBEN', I.I., redaktor; GROZIN, B.D., redaktor; GUL'KO, M.M., redaktor;
LYCH, N.M., redaktor; ORLIKOV, M.L., redaktor; FAYNERMAN, I.D.,
redaktor; KHAYMOVICH, Ye.M., redaktor; SERDYUK, V.K., inzhener,
redaktor; HUDENSKIY, Ya.V., tekhnicheskij redaktor.

[Automation in machine building] Avtomatizatsiia v mashinostroenii.
Kiev, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1955.
289 p. [Microfilm] (MLRA 9:1)

1. Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy
promyshlennosti. Kiyevskoye oblastnoye otdeleniye.
(Automation) (Mechanical engineering)

GREEN', I.

Boring machines; more powerful electric motors. Mast. ugl. 5 no. 11:25-
26 N '56. (MIRA 10:1)

1. Glavnyy mekhanik shakhty no. 7-8 tresta Kopeyskugol'.
(Boring machinery)

SAVIN, G.N., otv.red.; FAYNERMAN, I.D., zam.otv.red.; GREBEN', I.I., red.;
ZHMUDSKIY, A.Z., prof., doktor tekhn.nauk, red.; SHISHLOVSKIY,
A.A., red.; AMELIN, A., red.; PATSALYUK, P., tekhn.red.

[New methods of inspection and flaw detection in the machinery
and instrument industries] Novye metody kontrolya i defekto-
skopii v mashinostroenii i priborostroemii. Kiev, Gos.izd-vo
tekhn.lit-ry USSR, 1958. 264 p. (MIRA 12:10)

1. Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy pro-
myshlennosti. Ukrainskoye respublikanskoye pravleniye. 2. Gos-
universitet im. Shevchenko, Kiyev (for Zhmudskiy, Shishlovskiy).
(Machinery--Construction) (Instruments--Construction)

KHAYMOVICH, Ye.M., otv.red.; GUL'KO, M.M., red.; ZASLAVSKIY, S.Sh., red.;
LOPATA, A.Ya., red.; LYCH, N.M., red.; ORLIKOV, M.L., red.;
FAYNERMAN, I.D., red.; KHARAGORGIYEV, S.I., red.; V retsenziro-
vani i redaktirovani primamali uchastiye: GREBEN', I.I.;
ZAMANSKIY, S.M.; IVAKHNEKO, A.G.; MESEZHNIKOV, V.L.; MOSENKIS,
M.G.; FARBER, A.M.; SOROKA, M.S., red.izd-va.

[Mechanization and automation in the machinery industry] Mekha-
nizatsia i avtomatizatsia v mashinostroenii. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 286 p.

(MIRA 12:8)

1. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy
promyshlennosti. Kiyevskoye oblastnoye pravleniye.
(Automation) (Machinery industry)

8 (0)

AUTHORS:

Greben', I. I., Kalnibolotskiy, M. L., SOV/105-59-6-23/28
Nesterenko, A. D., Postnikov, I. M.,
Fedchenko, I. K., Kholm'skiy, V. G., Chizhenko, I. M., and Others

TITLE:

Professor N. N. Vasil'yev (Professor N. N. Vasil'yev). On His
70-th Birthday (K 70-letiyu so dnya rozhdeniya)

PERIODICAL:

Elektrichestvo, 1959, Nr 6, p 92 (USSR)

ABSTRACT:

Nikolay Nikolayevich Vasil'yev began his career in 1914, after having completed his studies at the Petrogradskiy politekhnicheskii institut (Petrograd Polytechnic Institute), as head of the electric workshop of the Central Workshop of the South-Western Railroad in Kiyev. From 1927 to 1930 he also taught at the Kiyevskiy politekhnicheskii institut (Kiyev Polytechnic Institute). In 1930 he was appointed Docent in ordinary and in 1931 Professor at the Chair of Electrical Machines at the same Institute. In 1937 he was appointed head of the newly established Chair for the Electrification of Industrial Enterprises. He installed a laboratory with this chair. During the second world war he was evacuated to Tashkent with the entire Institute. After his return he kept the same chair. He wrote more than 20 scientific publications, and constantly endeavored to

Card 1/2

Professor N. N. Vasil'yev. On His 70-th Birthday

SOV/105-59-6-23/28

strengthen the relations between the chair and industry. He was awarded the Lenin Order, the Order of the Red Banner of Labor and the medal "For Heroic Work in the Great Patriotic War". There is 1 figure.

Card 2/2

8 (0)

AUTHORS:

Vasil'yev, N. N., Greben', I.I., SOV/105-59-6-25/28
Postnikov, I. M., Fedchenko, I. K., Kholmkiy, V. G.,
Chizhenko, I. M. and Others

TITLE:

Corresponding Member of the AS UkrSSR A. D. Nesterenko
(Chlen-korr. AN USSR A. D. Nesterenko)
On His 60-th Birthday (K 60-letiyu so dnya rozhdeniya)

PERIODICAL:

Elektrichestvo, 1959, Nr 6, p 94 (USSR)

ABSTRACT:

Anatoliy Dmitriyevich Nesterenko was born on April 6, 1899 in the village of Blagodatnoye in the Odessa oblast'. In 1926 he completed his studies at the Faculty of Electrical Engineering at the Kiyevskiy politekhnicheskiy institut (Kiyev Polytechnic Institute). He then began his scientific and pedagogical career. With his collaboration, workshops were installed at the same institute for the production of electrical measurement apparatus, which later on developed into a factory. From 1936 to 1938 he was Head of the Laboratory of Electrical Measurements of the Energeticheskiy institut AN SSSR (Institute of Power Engineering at the Academy of Sciences, USSR). In 1937 he was promoted Doctor, and in 1938

Card 1/3

Corresponding Member of the AS UkrSSR
A. D. Nesterenko. On His 60-th Birthday

SOV/105-59-6-25/28

he was appointed Professor of the special field of electrical measurements. From 1938 to 1941 he was chief designer of a factory for electrical apparatus and from 1942 to 1944 he was Professor at the Omskiy mashinostroitel'nyy institut (Omsk Institute of Mechanical Engineering). After the War he collaborated in the elaboration of the five years' plan and worked as a professor at the Kiyevskiy politekhnicheskii institut (Kiyev Polytechnic Institute). Due to his initiative a chair of electrical apparatus building was established there. At the same time he was Head of the Department of Automation of the Institut elektrotekhniki AN USSR (Institute of Electrical Engineering of the AS UkrSSR). In 1951 he became a Corresponding Member of the AS UkrSSR and in 1952 he was elected Head of the Institut elektrotekhniki (Institute of Electrical Engineering). He published 50 papers. In his works he primarily deals with a classification of measuring methods and of instruments, with the power measurement in single- and multi-phase circuits, with the theory of phasometers and of compensation and differential bridge circuits, and the

Card 2/3

Corresponding Member of the AS UkrSSR
A. D. Nesterenko. On His 60-th Birthday

SOV/105-59-6-25/28

inspection of current- and voltage transformers. He has made more than 15 inventions and technical improvements. In 1951 he was awarded the Stalin Prize. He bears the Red Banner of Labor Order and several medals. There is 1 figure.

Card 3/3

L 10230-66

ACC NR: AP6002411

SOURCE CODE: UR/0105/64/000/010/0087/0088

AUTHOR: Greben', I. I.; Iyerusalimov, M. Ye.; Kondra, B. N.; Nesterenko, A. D.;
Pavlov, V. M.; Postnikov, I. M.; Kholmokiy, V. G.; Chuzhenko, I. M.

ORG: none

TITLE: Professor I. K. Fedchenko (60th birthday and 35th anniversary of his scientific and pedagogical activity)

SOURCE: Elektrichestvo, no. 10, 1964, 87-88

TOPIC TAGS: electric engineering personnel, electric engineering

ABSTRACT: September 26, 1964 was the 60th birthday of Ivan Kirilovich Fedchenko, Doctor of Technical Sciences and Professor in Charge of the Chair "Tekhnika vy'sokikh napryazheniy" (High-voltage engineering) at the Kiev, Order of Lenin, Polytechnical Institute. His entire career was spent at this institute. He successfully defended his dissertation in 1936 and became a reader (docent). He has published more than 60 scientific papers. Between 1934 and 1940 he set up production of domestic high-voltage capacitors. Much of his activity has been devoted to capacitor problems. After the war he worked on the problem of earth conductivity and use of earth as a return in power transmission. Fedchenko took his doctorate in 1951 defending a dissertation on earth as a conductor, which was

Card 1/2

UDC: 621.3.027.3

32
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later published as the monograph "Teoriya zemlyanogo provoda" (Theory of earth as a conductor). He has worked extensively on insulations. His most recent work is on electric arcs. For his achievements Fedchenko holds two orders of the Red Banner of Labor, in addition to several military awards. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 2/2

18.3200

77446
SOV/133-60-1-7/30

AUTHORS: Dobrokhotoy, N. N., Kobeza, I. I., Greben', K. A.,
Yupko, L. D., Garchenko, V. T., and Trubiner, A. L.

TITLE: Conversion of 220-Ton Open Hearth Furnace to Natural
Gas

PERIODICAL: Stal', 1960, Nr 1, pp 29-32 (USSR)

ABSTRACT: This is a description of a method of conversion of
open hearth furnaces from the coke-gas blast-furnace-
gas mixture to firing by cold natural gas only. The
work was done by the Institutes of Gas Utilization and
of Ferrous Metallurgy of the UkrSSR Academy of Sciences
(Instituty ispol'zovaniya gaza i chernoy metallurgii
AN USSR) in cooperation with the "Zaporozhstal'" Plant
(zavod "Zaporozhstal'"). A low pressure (about 600
mm water column) cold natural gas is fed into the gas
port and gas uptake. When it meets with preheated
air and partial combustion takes place, a mixture of
the products of combustion and unburned gas is
formed. It is heated to the temperature of de-

Card 1/6

Conversion of 220-Ton Open Hearth Furnace
to Natural Gas

77446
SOV/133-60-1-7/30

composition of methane, with formation of soot and heavy hydrocarbons. All this gives the flame good luminance. The authors state that for increase of luminance the Metallurgical Plant imeni K. Liebknecht (metallurgicheskiy zavod imeni K. Liebknecht), the Taganrog Metallurgical Plant (Taganrogskiy metallurgicheskiy zavod), and others, add mazut (Russian petroleum residue used as fuel oil) to the gas. The consumption of mazut amounts to 30-40% of the heat supplied. Its application for carburization of flame requires costly, bulky installations, makes the building of new shops more expensive, and prevents the possibility of conversion of open hearth furnaces (working on coke-gas blast-furnace-gas mixture) to natural gas. The "Zaporozhstal'" Plant, as other metallurgical plants of middle and lower Dnepr River area, obtains natural gas of Shebelinsk occurrence (Shebelinskoye mestorozhdeniye - not identified). The chemical composition of this gas is as follows

Card 2/6

Conversion of 220-Ton Open Hearth Furnace
to Natural Gas

77446

SOV/133-60-1-7/30

(% by volume): CH_4 , 89.9%; C_2H_6 , 3.05%; C_3H_8 , 0.93%;
 C_4H_{10} , 0.36%; N_2 , 5.3%; CO_2 , 0.28; O_2 , 0.18%. The
lower heating value of this gas (8400 cal/m^3) is two
times higher than that of coke gas and nine times
higher than that of blast furnace gas. (One m^3 of
this gas is almost equal in heating value to one kg of
mazut.) The new method of firing the furnaces with
natural gas, the work of the furnace, and the change
in characteristics of the furnace are described (see
Fig. 1).

Card 3/6

Conversion of 220-Ton Open Hearth Furnace to Natural Gas

77446
SOV/133-60-1-7/30

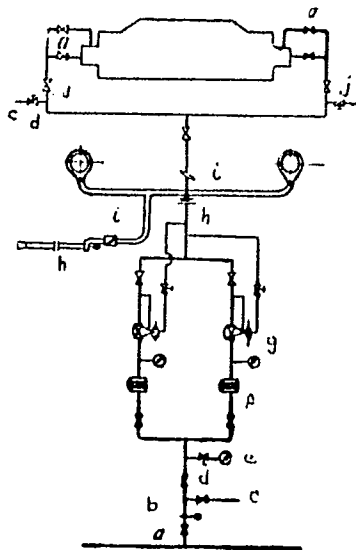


Fig. 1. A diagram of supply of natural gas and primary air into the open hearth furnace. (a) Slide gate; (b) sheet gate; (c) spark-plug; (d) valve; (e) manometer; (f) filter; (g) regulator of pressure RDS-150 type; (h) measuring diaphragm; (i) throttle valve; (j) reversible valve (elliptical throttle valve).

Card 4/6

Conversion of 220-Ton Open Hearth Furnace
to Natural Gas

77446
SOV/133-60-1-7/30

The analysis of data shows that the conversion to natural gas gave the following results: (1) The duration of smelting substantially decreased (by 55 minutes) due to the decrease of the periods of melting and finishing. (2) The thermal loads of smelting periods decreased (with the exception of the charging period). (3) The specific fuel consumption decreased (by 25.3 kg/ton) though the specific oxygen consumption remained practically constant. Sulphur content decreased by 10%. The conversion of open hearth furnaces to natural gas practically eliminates the loss of gas during reversing of the valves and the leakage of gas through the furnace lining, and improves the working conditions of the shop. The authors conclude that the conversion of open hearth furnaces to cold natural gas firing requires practically no capital expenses; it can be achieved without stopping the furnace; it results in the increase of its productivity, decrease of fuel consumption and cost of steel, and improves the quality

Card 5/6

Conversion of 220-Ton Open Hearth Furnace
to Natural Gas

77446

SOV/133-60-1-7/30

of steel. There are 4 figures; 1 table; and 2 Soviet
references.

ASSOCIATION:

Academy of Sciences of the UkrSSR and "Zaporozhstal"
Plant (Akademiya nauk UkrSSR i zavod "Zaporozhstal")

Card 6/6

KARP, I.N.; GREBEN', K.A.

Investigating gas and fuel-oil jet burners in open-hearth furnaces.
Vop.proizv.stali no.7:11-26 '60. (MIRA 13:8)
(Open-hearth furnaces--Combustion)

GREBEN', K.A.; POKOTILO, Ye.P.

Redesign of 400 and 550-ton open-hearth furnaces for firing them
with cold high-calorie gas. Vop.proizv.stali no.8:10-17 '61.
(MIRA 14:6)

(Open-hearth furnaces--Design and construction)
(Gas as fuel)

GREEN', K.A.; KUDRYAVAYA, N.A.; MAL'CHENKO, T.V.; AGARKOV, Ye.Ye.

New method of using compressed air in open-hearth practice.

Stal' 22 no.11:997-999 N '62.

(MIRA 15:11)

(Open-hearth process)

(Compressed air)

GREHEN', K.A.

Improving heat processes in open-hearth furnaces. Vop. proizv.
stali no.9:29-45 '63. (MIRA 16:9)

DOBROKHOTOV, N.N., akademik [deceased]; GREBEN', K.A.; KONYUKH,
V.Ya.; POKOTILO, Ye.P.; KOBEZA, I.I.; ~~GOLDENBERG~~, I.B.;
PROKHORENKO, K.K.; ISHCHUK, N.Ya.; KHAN, B.Kh.;

[Steel production in open-hearth furnaces] Martenovskoe pro-
izvodstvo stali. Moskva, Izd-vo "Metallurgiiia," 1964. 239 p.
(MIRA 17:6)

1. Akademiya nauk Ukr.SSR (for DobrokhotoV).

GREBEN', Leonid Kondrat'yevich

Organizatsiya ovtsevodstva v kolkhozakh (Organization of Sheep Breeding on Kolkhoz Farms), Moscow-Leningrad, 1931.

Bol'shaya Sovetskaya Entsiklopediya, 2nd ed., 1949, Vol. 12, Moscow.

GREBEN, L. K.

"M. F. Ivanov's Breeding Methods of New Breeds of Livestock" (p. 106) by Greben, L. K.

SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologie), Vol. XIII, No. 1, 1940

GREBEN', Leonid Kondrat'yevich

Ukrains'ka stepova bila poroda sviney (The Ukrainian White Breed of Swine),
Kiiiv-Kharkiv, 1946.

Bol'shaya Sovetskaya Entsiklopediya, 2nd. ed., 1949, Vol. 12, Moscow.

GREBEN', L. K.

Greben', L. K. and Bozrikov, K. A. - "The pedigree herd of Merino Rambul sheep in Askeniya-Nova," (Work data, 1921 - 1941), Trudy Vsesoyuz. nauch.-issled. in-ta gibrizatsii i akklimatizatsii zhivotnykh Askeniya-Nova im. akad. Ivanova, Vol. III, 1949, p. 10-40

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

GREBEN', L. K.

Greben', L. K. and Greben', Ye. K. - "Raising a new breed of white swine of the Ukrainian Steppe," Trudy Vsesoyuz. nauch.-issled. in-ta gibrizatsii i akklimatizatsii zhivotnykh Askeniya-Nova im. akad. Ivanova, Vol. III, 1949, p. 210-67

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

GREBEN', L. K.

Greben', L. K. - "Fattening qualities of white breed swine of the Ukrainian Steppe,"
Trudy Vsesoyuz. nauch.-issled. in-ta gibrizatsii i akklimatizatsii zhivotnykh
Askaniya-Nova im. aked. Ivanova, Vol. III, 1949, p. 268-329

SO: U-4355, 14 August 53. (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

GREBEN', Leonid Kondrat'yevich

Akademik M. F. Ivanov i yego raboty po vvedeniyu novykh porod zhiivotnykh
(Academician M. F. Ivanov and His Work on the Development of New Breeds of Animals),
Moscow, 1949.

Bol'shaya Sovetskaya Entsiklopediya, 2nd. ed., 1949, Vol. 12, Moscow.

GREBEN', Leonid Kondrat'yevich

Plemennaya rabota s tonkorunnymi ovtsami askaniyskoy porody (Breeding Fine-Wooled Sheep of the Askaniya Breed).

Bol'shaya Sovetskaya Entsiklopediya, 2nd. ed., 1949, Vol. 12, Moscow.

GREBEN', L. K.

Breeding fine-wooled sheep of the Askaniya type Moskva, Gos. izd-vo selkhoz lit-ry,
1951 109 p.

GREBEN', Leonid Kondrat'yevich, akademik; RYBAKOVA, N.T., redaktor;
POBOMAREVA, A.A., tekhnicheskiiy redaktor.

[Academician M.F.Ivanov and his work in developing new breeds
of animals] Akademik M.F.Ivanov i ego raboty po vyvedeniiu
novykh porod zhiivotnykh. Izd. 2-oe. Moskva, Gos. uchebno-peda-
gog. izd-vo Ministerstva prosveshchenia RSFSR, 1956. 123 p.
(Ivanov, Mikhail Fedorovich, 1871-1935) (MLRA 9:6)

BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamestitel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBANOV, P.P., glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLETOV, T.H.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHKSTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy redaktor; EDL'SHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, nauchnyy redaktor; YEKIMOV, V.P., agronom, nauchnyy redaktor [deceased], BYTINGIN, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor

(Continued)

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BENEDIKTOV, I.A.--- (continued) Card 2.

GRUBEN', L.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SMETNEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTYFEL', P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANPIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POLTEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANTIFIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktor; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor; OLIVKOV, B.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, Vl.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor.

BENEDIKTOV, I.A.---(continued) Card 3.

YEVREINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor
tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener,
nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor;
CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redak-
tor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy
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redaktor. LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor;
CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-
SOSHANSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; YEMEL'YANOVA,
N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor;
MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSEVA, A.G., redaktor
terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mlad-
shiy redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsikolopediia.
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]
1956. 663 p. (MIRA 9:9)

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GREBEN', L. K.

USSR / Farm Animals. Small Horned Stock.

Q-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54777.

Author : Greben' L. K.

Inst : Not given.

Title : The Development of Fine Wool Sheepbreeding in the Ukraine.

Orig Pub: Nauk. pratsi vid. sil'skogosp. nauk. AN URSR, 1956, vyp. 4, 16-41.

Abstract: Fine-wool sheepbreeding was started in the Ukraine during the reign of Peter the Great. On the land-owners' estates, this enterprise was developing weakly and erratically. During Soviet rule, fine-wool sheep-breeding received powerful encouragement for its development. The national reservation "Askaniya-Nova" became its center. The creation of the Askaniya breed of

Card 1/2

GREENE', L.K., akademik.

Amazing transformation. IUn.nat.no.4:29-31 Jl.'56.
(Swine)

(MIRA 9:9)

GREBEN', L.K., akademik.

The Askaniya breed of Russian fine-wool sheep. *Agrobiologiya*
no.5:76-88 S-0 '57. (MIRA 10:10)

1. Vsesoyuznaya Akademiya sel'skokhozyaystvennykh nauk im.V.I.Lenina.
2. Ukrainskiy nauchno-issledovatel'skiy institut zhiivotnovodstva stepnykh rayonov imeni akademika M.F.Ivanova, Khersonskaya oblast'.
(Ukraine--Sheep breeds)

GREBEN', L.K., akademik; GREBEN', Ye.K., kand.sel'skokhozyaystvennykh
muak

Developing a new breed of Ukrainian spotted steppe swine for
the southern Ukraine. Agrobiologiya no.1:64-73 Ja-F '59.

(MIRA 12:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut shivotnovodstva
stepnykh rayonov, Askaniya-Nova.
(Ukraine--Swine breeding)

GRÆBEN¹, L.K., akademik

Poultry farmers have their news as well. IUn. nat. no.9:36 S '59.
(MIRA 13:1)

(Poultry)

GREBEN', L.K., akademik

In memory of Academician Mikhail Fedorovich Ivanov. *Agrobiologia*
no.6:911-912 N-D '60. (MIRA 312)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina.

(Ivanov, Mikhail Fedorovich, d. 1935)

GREBEN', L.K., akademik; GREBEN', Ye.K., kand.sel'khoz.nauk;
BAYDUGANOVA, Ye.P., nauchnyy sotrudnik

Swine breeding in the southern Ukraine during years of the Soviet regime.
Trudy "Ask.-Nov." 8:5-29 '60. (MIRA 14:4)

1. Akademiya nauk USSR, Vsesoyuznaya akademiya sel'skokho-
zyaystvennykh nauk im. V.I. Lenina i Ukrainskaya Akademiya sel'-
skokhozyaystvennykh nauk (for Greben', L.K.).
(Ukraine--Swine breeding)

GREBEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotrudnik;
SOROKINA, V.I., nauchnyy sotrudnik

Productivity of White Ukrainian Steppe swine depending on age and
the degree of relationship between boars and sows. Trudy "Ask.-Nov."
8:30-50 '60. (MIRA 14:4)

1. Akademiya nauk USSR, Vsesoyuznaya akademiya sel'-skokhozyaystvennykh
nauk im. V.I. Lenina i Ukrainskaya Akademiya sel'skokhozyaystvennykh
nauk (for Greben').

(Swine breeding)

GREBEN', Leonid Kondrat'yevich [Hreben', L.K.], akademik; KOVALENKO,
O.I., red.

[M.F.Ivanov, outstanding Soviet scientist] M.F.Ivanov -
vydatnyi radians'kyi vchenyi. Kyiv, Derzh. vyd-vo sil's'ko-
hospodars'kol lit-ry URSR, 1961. 64 p. (MIRA 15:3)
(Ivanov, Mikhail Fedorovich, 1871-1935)

GREBEN', L.K. [Hreben', L.K.], akademik; BAYDUGANOVA, K.P. [Baiduhanova, K.P.]
nauchnyy sotrudnik

Linear and interlinear breeding of the Ukrainian white steppe
swine. Nauk.pratsi "Ask.-Nov." 9:10-20 '61. (MIRA 15:3)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina, AN SSSR i Ukrainskaya akademiya sel'skokho-
zyaystvennykh nauk (for Greben').
(Ukraine--Swine breeding)

GREEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotr.; SAVCHENKO, P.Ye., kand. biol. nauk; GREEN', Ye.K., kand. sel'khoz. nauk; KRYLOVA, L.F., nauchn. sotr.; SIDOROVA, L.M., nauchn. sotr.; SOROKINA, V.I., nauchn. sotr.; BAGMET, M.I.; LAZORENKO, Ye.L.; KHOKHLYUK, A.G.; PASHKEVICH, M.K.; BRYZHNIK, K.A.; LUZHKOV, M.A., kand. sel'khoz. nauk; BALASHOV, N.T., kand. sel'khoz. nauk; ZHELIKHOVSKIY, V.I., redaktor; POTOTSKAYA, L.A., tekhn. red.

[Ukrainian White Steppe swine] Ukrainskaia stepnaia belaiia poroda svinei. Pod obshchei red. L.K.Grebenia. Kiev, Gos-sel'khozizdat USSR, 1962. 252 p. (MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova."
2. AN Ukr.SSR i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for L.K.Greben').
3. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova" (for Bayduganova).
4. Melitopol'skaya gosudarstvennaya plemennaya stantsiya (for Bagmet, Lazorenko, Khokhlyuk).
5. Spetsialist sovkhoza "Komsomolets", Stavropol'skiy kray (for Bryzhnik).
(Ukraine--Swine breeding)

IVANOV, Mikhail Fedorovich (1871-1935), akad.; ROMANOVICH, Ye. F.; GREBEN', L. K.
akademik, otv. red.; NIKOLAYEV, A. I., akademik, otv. red.;
MELIKOV, F. A., akademik, otv. red.; PEREGON, I. L., akademik,
otv. red.; SMETNEV, S. I., akademik, red.; YUDIN, V. M.,
akademik, red.; OVSYANNIKOV, A. I., red.; MOKEYEV, A. Ye., red.;
KARTASHEVA, N. M., red.; PUZAKOVA, K. P., red.; DEYEVA, V. M.,
tekh. red.

[Complete collected works in seven volumes] Polnoe sobranie so-
chinenii v semi tomakh. Moskva, Izd-vo "Kalos." Vols. 1-2.
1963. (MIRA 17:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V. I. Lenina (for Greben', Melikov, Nikolayev, Smetnev, Yudin).
2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-
nykh nauk imeni V. I. Lenina (for Ovsyannikov).

IVANOV, Mikhail Fedorovich, akademik (1871-1935); ROMANOVICH,
Ye.F.; YUDIN, V.K., akademik, otv. red.; GREBEN', L.K.,
kand. sel'khoz. nauk, otv. red.; BRUSANOV, N.A., red.

[Complete works in seven volumes] Polnoe sobranie sochine-
nii v semi tomakh. Moskva, Izd-vo "Kolos," Vol.3. 1964.
614 p. (MIRA 17:8)

1. Vsesovuznaya akademiya sel'skokhozyaystvennykh nauk
imeni V. I. Lenina (for Greben', Yudin).

GREBEN', L.K., akademik; SOROKINA, V.I.

Use of intrabreed heterosis in the line breeding of the
Ukrainian Steppe White swine breed. Agrobiologiya no.4:598-
603 J1-Ag '65. (MIRA 18:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov imeni akademika M.F.Ivanova, Askaniya-Nova.
2. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina. (for Greben').

PHASE I BOOK EXPLOITATION

SOV/3832

Greben', Mikhail Lazarevich, and Anatoliy Aleksandrovich Shchetinin

Regulirovaniye parovykh turbin Leningradskogo Metallicheskogo zavoda; konstruktsiya, ispytaniye i naladka (Control of Steam Turbines of the Leningrad Metal Plant; Design, Testing and Adjustment) Moscow, Gosenergoizdat, 1959. 182 p. Errata slip inserted. 7,000 copies printed.

Ed.: B.M. Levin; Tech. Ed.: O.S. Zhitnikova.

PURPOSE: This book is intended for engineers and technicians engaged in the operation and repair of steam turbines and also for workers in assembly and design organizations. It may also be used by students specializing in the study of steam turbines at schools of higher technical education and tekhnikum.

COVERAGE: Control systems for high-pressure steam turbines produced by the Leningrad Metal Works are described in this book. Types of automatic control units and elements designed for the production of turbines against racing are covered. The lubrication system and the tightness of the steam distribution system are also studied. Detailed information on various tests for control system adjustments and a program

Card 1/6

Control of Steam Turbines (Cont.)

SOV/3832

for a short check of such adjustments are given. The author thanks B.M. Levin. There are no references.

TABLE OF CONTENTS:

Preface	3
List of Abbreviations Used in the Book	4
Ch. 1. A Description of Control Systems	7
1 - 1. Introduction	7
1 - 2. Control of condensing turbines	9
1 - 3. Control of extraction turbines	13
1 - 4. Control of back-pressure turbines	25
Ch. 2. Construction	32
2 - 1. Speed governor	32
2 - 2. R.p.m. (load) governor	35
2 - 3. Assembly of governor slide valves for a condensing turbine and for an extraction turbine	38

Card 2/6

GREBEN', Ye.S. (Leningrad)

Basic correlations in the technical theory of ribbed shells.
Izv. AN SSSR. Mekh. no.3:124-130 My-Je '65.

(MIRA 18:7)

RABINOVICH, A.N.; GREBEN', Yu.I., red.; USIKOV, N.N., inzh.,
red.izd-va; BARDINA, A.A., tekhn. red.

[What one should know about program-controlled machine
tools] Chto nuzhno znat' o metallobratyvaiushchikh
stankakh s programmym upravleniem. Moskva, Mashgiz,
1963. 112 p. (MIRA 17:1)

GREBEN', Ye. K.

Greben', L. K. and Greben', Ye. K. -"Raising a new breed of white swine of the Ukrainian Steppe," Trudy Vsesoyuz. nauch.-issled. in-ta gibrizatsii i akklimatizatsii zhivotnykh Askaniya-Nova im. akad. Ivanova, Vol. III, 1949, n. 210-67

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

GREBEN', Ye. K.

Greben', Ye. K. - "Ukrainian Steppe Spotted Pigs in the Southern Ukraine."
Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956
(Dissertation for the Degree of Candidate in Agricultural Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 110-127

GREBEN', L.K., akademik; GREBEN', Ye.K., kand.sel'skokhozyaystvennykh
nuak

Developing a new breed of Ukrainian spotted steppe swine for
the southern Ukraine. Agrobiologia no.1:64-73 Ja-7 '59.
(MIRA 12:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhitovnovodstva
stepnykh rayonov, Askaniya-Nova.
(Ukraine--Swine breeding)

GREBEN', L.K., akademik; GREBEN', Ye.K., kand.sel'khoz.nauk;
BAYDUGANOVA, Ye.P., nauchnyy sotrudnik

Swine breeding in the southern Ukraine during years of the Soviet regime.
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1. Akademiya nauk USSR, Vsesoyuznaya akademiya sel'skokho-
zyaystvennykh nauk im. V.I. Lenina i Ukrainskaya Akademiya sel'-
skokhozyaystvennykh nauk (for Greben', L.K.).
(Ukraine—Swine breeding)

GREBEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotr.; SAVCHENKO, P.Ye., kand. biol. nauk; GREBEN', Ye.K., kand. sel'khoz. nauk; KRYLOVA, L.F., nauchn. sotr.; SIDOROVA, L.M., nauchn. sotr.; SOROKINA, V.I., nauchn. sotr.; BAGMET, M.I.; LAZORENKO, Ye.L.; KHOKHLYUK, A.G.; PASHKEVICH, M.K.; BRYZHNIK, K.A.; LUZHKOVA, M.A., kand. sel'khoz. nauk; BALASHOV, N.T., kand. sel'khoz. nauk; ZHELIKHOVSKIY, V.I., redaktor; POTOTSKAYA, L.A., tekhn. red.

[Ukrainian White Steppe swine] Ukrainskaia stepnaia belaiia poroda svinei. Pod obshchei red. L.K.Grebenia. Kiev, Gos-sel'khozizdat USSR, 1962. 252 p. (MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova."
 2. AN Ukr.SSR i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for L.K.Greben').
 3. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova" (for Bayduganova).
 4. Melitopol'skaya gosudarstvennaya plemennaya stantsiya (for Bagmet, Lazorenko, Khokhlyuk).
 5. Spetsialist sovkhoza "Komsomolets" , Stavropol'skiy kray (for Bryzhnik).
- (Ukraine--Swine breeding)

RABINOVICH, Avram Nakhimovich; BESPALOV, Konstantin Ivanovich;
ZLATOGURSKIY, Raymond Raymondovich; LUZINOV, Aleksey
Nikolayevich; SMILYANSKIY, Vitaliy Ivanovich; GREEN'
Yu. I., inzh., red. vyp.; FURER, P.Ya., red.;
GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Automatic checking in the manufacture of machines and
instruments] Avtomatizatsia kontrolya v mashinostroenii i
priborostroenii. Moskva, Mashgiz, 1963. 122 p.

(MIRA 16:9)

(Machinery industry) (Instrument manufacture)
(Automatic control)

FILIN, A.P., doktor tekhn. nauk prof. (Leningrad); GREEN', Ye.S., inzh.
(Leningrad)

Calculating multiple indeterminate systems by means of orthonormed
functions. Issl. po teor. sooruzh. no.8:273-219 '59.

(MIRA 12:12)

(Structures, Theory of)

GREBEN', Ye. S.

Cand Tech Sci - (diss) "Several problems of the design of repeatedly static indeterminate rod systems in matrice form." Leningrad, 1961. 20 pp; (Leningrad Order of Labor Red Banner Construction Engineering Inst); 200 copies; price not given; (KL, 6-61 sup, 215)

9/112/59/000/015/049/068
A052/A002

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 15, p. 172,
32171

AUTHOR: Greben', Yu.I.

TITLE: A Dimensional Analysis of ¹⁴Errors Taking Place With the Indirect
Method of Checking the Distances Between the Axes of Holes ✓

PERIODICAL: Nauchn. zap. L'vovsk. politekhn. in-t, 1958, No. 45, pp. 244-263

TEXT: Bibliographic entry.

Card 1/1

GREBENCHA, MIKHAYL KUZ'MICH, 1897-1948.

[Theory of numbers; methodology textbook for correspondence students of pedagogic institutes] Teoriia chisel; uchebno-metodicheskoe posobie dlia saochnikov pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog.izd., 1949. 127 p.

(MLBA 6:5)

(Numbers, Theory of)

GREBENCHIKOV, V.O.; POLYANSKIY, A.N.

[Bibliography of the history of medicine and the organization of the public health service in Kazakhstan] Bibliograficheskie materialy po istorii meditsiny i organizatsii zdravookhraneniia v Kazakhstane, 1917-1957 gg. Alma-Ata, 1957. 215 p. (MIRA 12:1)
(BIBLIOGRAPHY--KAZAKHSTAN--PUBLIC HEALTH)

Distr: 464j

2350. STUDY OF KINETICS OF THE CONVERSION OF CARBON MONOXIDE BY STEAM
IN PRESENCE OF ASH FROM LISICHANSK COAL. Grebenchikova, G.V. (Podsen.
Gosif. Uglja (Undergr. Gosif. Coal, Moscow), 1957, (2), 54-57; abstr. in
Glickauf, 26 Oct. 1957, vol. 93, 1368). The effects of chemical composition
of the ash and of temperature on the course of the reaction were studied in
laboratory apparatus.

DM

GREENCHUK, A

GREENCHUK, A.

Making parts from sheet steel by stamping on a lathe. Avt.
transp.33 no.6:23-24 Je '55. (MIRA 8:10)

1. Tokar' 1-go Kiyevskogo avtoremontnogo zavoda
(Sheet-metal work)

ANDREYEVA, A.P.; BAKULINA, L.I.; GREBENCHUK, A.I.; GUR'YANOVA, L.I.;
PUH'KO, T.A.; SOMOVA, N.M.; YUDINOVA, P.V.

Microflora of rodents in Leningrad. Report No.2. Zhur. mikrobiol.,
epid. i immun. 32 no.9:133-134 S 61. (MIRA 15'2)

1. Iz Leningradskoy protivochumnoy portovoy i gorodskoy nablyudatel'noy
stantsii.

(LENINGRAD RODENTIA MICROBIOLOGY)

L 54949-65 EWT(1)/EWA(j)/T/EWA(b)-2 BW/JK

ACCESSION NR: AP5014288

UR/0016/65/000/006/0043/0047
616.981.49-022.39(471.23-2)

28
24
B

AUTHOR: Grebenchuk, A. I.; Bakulina, L. I.; Vashchenok, G. I.; Somova, N. M.;
Pun'ko, T. A.; Andreyeva, A. P.; Yudinova, P. V.; Bartasheva, V. A.; Balabonova,
L. S.

TITLE: Salmonellosis in rodents in Leningrad

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1965, 43-47

42-

TOPIC TAGS: salmonella, rodent carrier, disease control

ABSTRACT: Approximately 46,000 rodents were examined in a study of salmonellosis in rodents in Leningrad in 1960-1962. These included 36,000 gray rats, 850 black rats, 6100 house mice, and 2700 other murine rodents (9 species). The rodents were caught in various food establishments, apartments, etc. in the city and suburbs. 301 serological types of salmonella were isolated from this material; 151 were typed as Isachenko-Danich organisms; the remainder were distributed among 18 serological types from the B, C, D, E, and F groups. All but one of the latter were isolated from the organs of the gray rats and house mice, a matter of epidemiological in-

Card 1/2

L 54949-65

ACCESSION NR: AP5014288

terest because these rodents belong to synanthropic species. No salmonellas were isolated from rodents caught in open places such as gardens, parks, and cemeteries. Most of the types (32%) were isolated during warm weather, 14% in the fall. The commonest of the salmonellas isolated from the rodents were *S. enteritidis* (42%) and *B. typhimurium* (40%); *S. suispestifer*, *S. paratyphi C*, (And others were rarer. The types of salmonellas (15) isolated from the rodents were also isolated from sick persons during the same period. The percentage of the various types isolated from man was about the same as in the rodents. Orig, art. has: 3 tables.

ASSOCIATION: Leningradskaya protivochumunaya portovaya i gorodskaya nablyudatel' naya stantsiya (Leningrad Port and Municipal Plague Observation Station); Leningradskaya sanitarno-epidemiologicheskaya stantsiya (Leningrad Sanitary-Epidemiological Station)

SUBMITTED: 26Feb64

ENCL: 00

SUB CODE: LS

NO REF SOV: 007

OTHER: 000

Card 2/2

GREBENCHUK, B. I.

USSR/Miscellaneous - Industrial processes

Card 1/1 Pub. 103 - 11/22

Authors : Asnes, A. M.; Grebenchuk, B. I.; and Vlasov, V. P.

Title : Knurling instead of buffing of shaft necks

Periodical : Stan. i instr. 12, 26-27, Dec 1954

Abstract : The qualitative and economical advantages derived from knurling of shaft necks instead of buffing are listed. The construction of a knurling arrangement and its mode of operation are described. Table; drawing; illustration.

Institution :

Submitted :

GREBENCHUK, B. I.

USSR/ Engineering - Methods

Card 1/1 Pub. 128 - 10/23

Authors : Asnes, A. M.; Grebenchuk, B. I.; and Vlasov, V. P.

Title : The milling of shaft journals in place of polishing

Periodical : Vest. mash. 2, 48 - 50, Feb 1955

Abstract : A description is presented of a knurling roller made of ShKh-15 steel, hardened to 62 - 64 Rc., for milling shaft journals up to 8 and 9 degrees of surface smoothness. Table; drawings.

Institution:

Submitted:

GRISHCHENKO, M.P.; GREBENCHUK, L.V.

Rare case of hypergalactia in a primipara. Akush. i gin. 40 no.2:
126 Mr-Apr '64. (MIRA 17:11)

1. Kafedra akusherstva i ginekologii lechebnogo fakul'teta (zav. -
prof. I.I. Grishchenko) Khar'kovskogo meditsinskogo instituta,
Khar'kovskaya oblastnaya klinicheskaya bol'nitsa (glavnyy vrach
V.A. Pizhankova) i 28-ye meditsinskoye ob"yedineniye (glavnyy vrach
O.M. Kozlova), Khar'kov.

GREBENCHUKOV, V.

A happy old age. Mast. ugl. 5 no.8:10 Ag '56.

(MLRA 9:11)

1. Pochetnyy shakhter, mashinist nasosa shakhty "Krasnaya
gornychka" kombinata Chelyabinskugol'.
(Coal miners)

GERD, Mariya, kand. biol. nauk; GREBENEV, Andrey, vrach

Tales become a fact. Rabotnitsa 37 no.10:6-8 0 '59.

(MIRA 13:2)

(Space flight)

GREBENEV, A.L.

Esophagographic diagnosis of hiatus hernia. Sov. med. 28 no. 3:78-82
Mr '65. (MIRA 18:10)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. V.Kh.
Vasilenko) I Moskovskogo ordena Lenina meditsinskogo instituta
imeni I.M.Sechenova.

SAN'KOVA, O.I.; GREBENEVA, A.D.

Using new technology for manufacturing napped shoe leather substitutes.
Kozh.-obuv.prom. 3 no.11:30-31 N '61. (MIRA 15:1)
(Leather substitutes)

EL'KINA, E.I.; GORDINA, Z.V.; GREBENEVA, Z.F.; v rabote prinimali uchastiye;
YAKOVLEVA, G.V.; SHCHERBININA, L.G.

Production and purification of antibiotics of the tetracycline
series. Report no.2. Med.prom. 13 no.1:10-14 Ja '59.
(MIRA 12:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(TETRACYCLINE)

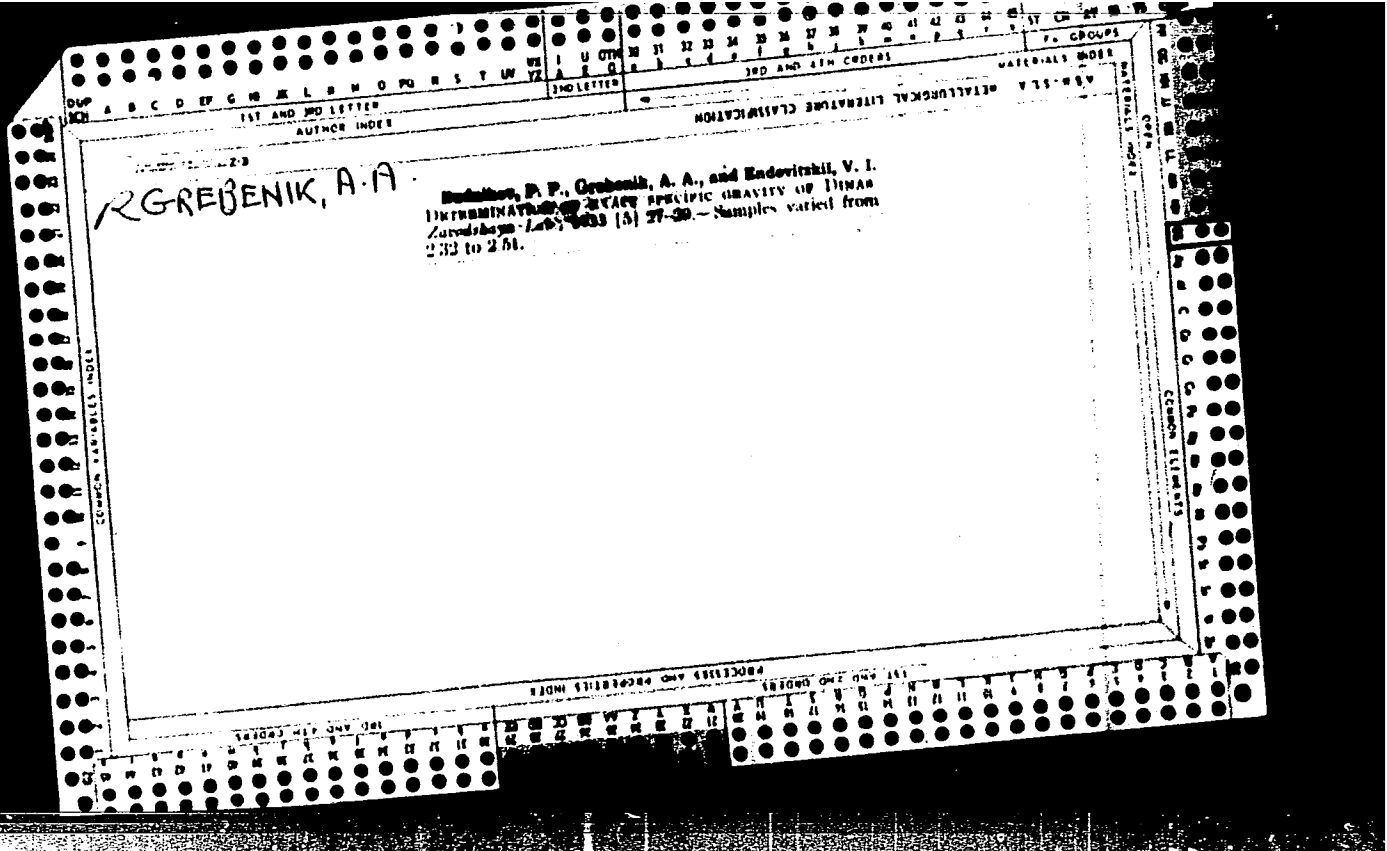
SPETSIZHCHENKO, A.

Not a waste but valuable raw material. NPO 5 no.9:36 F 163.
(MIRA 17:6)

1. 'Preisdatel' Komiteta po ispol'zovaniyu otkhodov metallurgi-
cheskikh i chornorudnykh predpriyatiy Dnepropetrovskogo oblastnogo
soveta nauchno-tekhnicheskikh obshchestv.

GREBENICHENKO, V.T., inzh.

End-type a.c. machines with distributed printed windings. Trudy
MEI no.38:267-278 '62. (MIRA 17:2)



GREBENIK, I.

How the Red Army had built the Bratislava bridge. p. 186.
INZANYRSKE STAVBY, Praha, Vol. 3, no. 5, May 1955.

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

1. GREBENIK, M. S.
2. USSR (600)
4. Rostov Province - Oak
7. State of oak plantations in shelterbelt stations and forest administrations of Rostov Province after wintering. Les. khoz. 6, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

TYLKIN, M.A., kand. tekhn. nauk; MEL'NICHENKO, G.P., inzh.; KORDABEEV
I.L., inzh.; ZASPITSKIY, N.A., inzh.; GLEBENIK, V.M., kand. tekhn.
nauk; SYSUYEV, Yu.A., kand. tekhn. nauk; SVETZAROV, A.V., inzh.

Temperature of the double-walled bell in the charging equipment.
Stal' 25 no.12:1079-1080 D '65. (MIRA 18:12)

L 24529-66 EWT(m)/ETC(f)/EWG(m)/T IJP(c) DS/JD/JG
ACC NR: AP6011010 (N) SOURCE CODE: UR/0080/66/039/003/0522/0527
AUTHOR: Grachev, K. Ya.; Gräbenik, V. E. 40
39
B
ORG: none
TITLE: Polarographic study of moisture in fused chloride electrolytes used for producing sodium metal
SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 3, 1966, 522-527
TOPIC TAGS: sodium, electrolysis, chloride, polarographic analysis
ABSTRACT: The state of moisture and its electrochemical behavior were studied polarographically in a fused electrolyte containing 42 wt % NaCl and 58 wt % CaCl₂, used for the preparation of sodium metal. Moisture was introduced in the form of superheated steam which was bubbled through the melt. A cathodic polarographic wave whose height increased with the duration of bubbling of the steam and was independent of the concentration of OH⁻ ions was found to occur. It is postulated that the electrochemical decomposition of water takes place as follows:
$$H_2O + e \rightarrow OH^- + 1/2 H_2$$

Card 1/2 UDC: 543.253 + 546.32'131-143

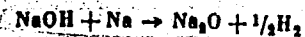
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ACC NR: AP6011010

The polarographic wave of water in the coordinates $\varphi - \log \frac{i}{i_d - i}$ is represented by a straight line with slope $k = 0.308$. The temperature dependence of the limiting diffusion current of hydrogen obeys the equation

$$\ln i_d = A - \frac{B}{T}$$

The activation energy of the diffusion current was calculated to be 38.8 kcal/mole. Complex formation between water and the components of the melt is believed to take place. It is shown that the evolution of hydrogen during the initial stage of the action of sodium electrolyzers is not due to the electrochemical decomposition of water. It is suggested that hydrogen is then evolved primarily as a result of the reaction



which constitutes the displacement of hydrogen by the electrochemically separated and dissolved sodium. The authors thank Yu. K. Delimarskiy for helpful suggestions. Orig. art. has: 6 figures.

SUB CODE: 07// SUBM DATE: 09May64/ ORIG REF: 006/ OTH REF: 001

Card 2/2 ULR

GREBENIK, V. M.

USSR/Physics - Centrifugal Force 11 Dec 51

"Determining the Velocity and the Angle of Flight of Material From Rotor Centrifugal Machines," V.M. Grebenik, Siberian Metallurgical Inst, Stalinsk

"Dok Ak Nauk SSSR" Vol LXXXI, No 5, pp 753-756

The complicated problem here is to det the relative velocity. Considers the problem of detg the relative velocity for the case where the blade rotates around the horizontal axis. Sets up the eq. Draws the nomographs for detg time of motion of a material particle on rotor blade for given

210793

USSR/Physics - Centrifugal Force 11 Dec 51
(Contd)

angular velocity, relative velocity of motion of material particle on rotor blade, and angle of rotation of rotor. Acknowledges the assistance of Prof M. S. Shchirenko, who directed the work. Submitted by Acad A. I. Mekrasov 4 Oct 51.

210793

GREBENIK, V.M.

Metal Castings

Problems and theory of rotary casting machines.
Vest. mash 32 No. 5, 1952.

Monthly List of Russian Accessions, Library
of Congress, October 1952. UNCLASSIFIED

СЕРИЯ В 11
SHCHIRENKO, N.S., professor, doktor tekhnicheskikh nauk; ISAYENKO, N.F., dotsent; SHTEPENKO, V.Z., dotsent; GORBENIK, V.M., kandidat tekhnicheskikh nauk; SOCHAN, I.F., inzhener; IVANCHENKO, F.K., kandidat tekhnicheskikh nauk

Rotating loader-hurlers and their use in Martin furnace plants.
Vest.mash.35 no.8:13-14 Ag'55. (MLRA 8:10)
(Conveying machinery)

SOV/137-58-10-20859

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 73 (USSR)

AUTHORS: Veksin, I. N., Grebenik, V. M., Sokolov, L. D., Shirokov, V. N.

TITLE: An Investigation of the Bearing Capacity of a Nr 425 Cold-rolling Sheet Mill (Issledovaniye nesushchey sposobnosti listovogo stana 425 kholodnoy prokatki)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958, Nr 1, pp 160-178

ABSTRACT: The methods and results of measurements of rolling forces, stresses in the housings, and torque moments of the electric motor in cold rolling on a 425 sheet mill. The major measurements were taken on 2 stands. The electrical characteristics were taken simultaneously at 3 stands and the coiler. Measurement of the forces of rolling steel-strip grades 2, 10 SP, 85, 65, E3A, 50, U7A, U10A, 08PS, and 08KP in the cold and hot conditions is made by hydraulic capsules with wire strain gages. The hydraulic capsules are placed only under the left screwdowns (S). Measurement of stresses in the housings is made by wire resistance strain gages at 9 points which are shown by analysis to take the maximum stresses. In

Card 1/2

SOV/137-58-10-20859

An Investigation of the Bearing Capacity (cont.)

investigating the electric drives, measurement was made of armature current, field current, and the voltage on the armature of the rolling-mill motors, coilers, and screwdowns. The S stresses do not exceed 80 t, and the stresses in the housings do not exceed the permissible level. The mean stressing of rolling-mill motors in terms of current, moment, and power is 30-50%.

1. Rolling mills--Performance
2. Rolling mills--Electrical properties M.Z.
3. Rolling mills--Test methods

Card 2/2

GREBENIK, V.M.

SHIRENKO, N.S., doktor tekhn. nauk, prof.; GREBENIK, V.M., kand. tekhn. nauk,
dots.

Some problems connected with the theory of slinging machines; filling
and shot blasting. Izv. vys. ucheb. zav.; chern. met. no.2:172-181
F '58. (MIRA 11:5)

1. Dnepropetrovskiy metallurgicheskiy institut i Sibirskiy metal-
lurgicheskiy institut.

(Shot peening—Equipment and supplies) (Disks, Rotating)

SOKOLOV, L.D., doktor tekhn. nauk, prof.; GRESNIK, V.M., kand. tekhn. nauk,
dots.

Determining moments in straightening the material being rolled
considering the metal temperature, the degree and speed of
deformation. Izv. vys. ucheb. zav.: chern. met. no.4:171-180
Ap '58. (MIRA 11:6)

1. Sibirskiy metallurgicheskiy institut.
(Rolling (Metalwork))

SOV/137-59-1-1597

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 212 (USSR)

AUTHOR: Grebenik, V. M.

TITLE: Fundamental Principles of the Adjustment of Roller-type Straightening Machines (Osnovy metodov nastroyki rolikovykh pravil'nykh mashin)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958, Nr 5, pp 177-185

ABSTRACT: Two methods are proposed for the graphoanalytical computation of the flexure of a strip required in the process of its straightening in a roller-type straightening machine. The methods suggested also make it possible to properly adjust the machine and to determine the number of rollers needed depending on the degree of accuracy desired.
S. G.

Card 1/1

BAKLUSHIN, I.L., inzh.; VEKSHIN, I.N., inzh.; GREBENIK, V.M., kand.tekhn.nauk,
dotsent; LYULENKOV, V.I., inzh.; SABANTSEV, V.P., inzh.; SOKOLOV,
L.D., doktor tekhn.nauk, prof.; SHIROKOV, V.N., prof.

Equipment for use with resistance wire transducers. Izv.vys.
ucheb.zav.; chern.met. no.6:149-156 Je '58. (MIRA 12:8)

1. Sibirskiy metallurgicheskiy institut. Rekomendovano kafedroy
mekhanicheskogo oborudovaniya metallurgicheskikh zavodov Sibir-
skogo metallurgicheskogo instituta.

(Metallurgical plants--Equipment and supplies)

(Machinery--Testing) (Transducers)

GREBENIK, V.M., kand.tekhn.nauk, dots.

~~Methods of considering diverse factors in strength calculations.~~
Izv. vys. ucheb. zav.; chern. met. no.7:167-175 J1 '58.
(MIRA 11:10)

1. Sibirskiy metallurgicheskiy institut.
(Metallurgical plants--Equipment and supplies)
(Strains and stresses)

SOKOLOV, L.D., prof., doktor tekhn.nauk; SHIROKOV, V.H., prof.; GORBENIK,
V.M., dots., kand.tekhn.nauk; BAKLUSHIN, I.L., inzh.; VEKSHIN, I.N.,
inzh.; LEDENEV, Yu.N., inzh.; SABANTSEV, V.P., inzh.

Investigation of rolling mill stands. Izv.v.ys.ucheb.zav.; chern.
met. no.8:135-140 Ag '58. (MIRA 11:11)

1. Sibirskiy metallurgicheskiy institut.
(Rolling mills) (Strains and stresses)

SHCHIRENKO, N.S., prof., doktor tekhn.nauk; GREBENIK, V.M., dots., kand.
tekhn.nauk

Parameters of charging equipment for open-hearth furnaces. Isv.
vys.ucheb.zav.; chern.met. no.10:159-168 0 '58. (MIRA 11:12)

1. Dnepropetrovskiy metallurgicheskiy institut i Sibirskiy
metallurgicheskiy institut.
(Open-hearth furnaces) (Material handling)

18(3)

AUTHORS:

Grebenik, V. M., Dashevskiy, Ya. V., SOV/163-59-1-15/50
Sokolov, L. D., Sharapov, V. A.

TITLE:

Mechanization of the Charging of Furnaces for Iron Alloys
(Mekhanizatsiya zagruzki ferrosplavnykh pechey)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Metallurgiya, 1959, Nr 1,
pp 68-72 (USSR)

ABSTRACT:

In the Sibirskiy metallurgicheskiy institut (Siberian Institute of Metallurgy) a machine has been developed by the authors (Ref 1) with a rotating tube for charging furnaces for iron alloys. This is a short description of this machine. The operative part of the machine is the rotating metal tube with a diameter of 350 mm and a length of 4.5 m. The speed of this tube is 35-45 revs/min. The tube is mounted on a special truck which can travel on a platform. In figure 1 the three characteristic positions of the tube during charging are shown: 1) at an angle with the electrode. 2) Between the electrodes and 3) Pointing into the same direction as the electrode. The machine is equipped with five electric motors which provide the power for the following motions of the machine: rotation of the tube around its longitudinal axis, inclination (tilting) of the tube through an angle of 15-20°.

Card 1/3

Mechanization of the Charging of Furnaces
for Iron Alloys

SOV/163-59-1-15/50

forward and backward movement of the tube for charging and withdrawing the charger, (if the machine runs on rails,) the rotation of the tube around a vertical axis and the traveling on the platform. The capacity of the machine can reach 35 t/hour in consideration of the tube inclination and the speed. The first test model of such a machine was constructed according to a simplified design due to the proposals of V. F. Volkov and I. Ya. Pelenovskiy, workers of the Zaporozhskiy ferrosplavnyy zavod (Zaporozh'ye Iron Alloy Works). It was tested with one of the works furnaces. The results of the test runs proved to be satisfactory and demonstrated that this machine is capable of handling the charging of furnaces in accordance with technological requirements. A short summary of the experience collected in the operation of two model chargers is presented. There are 3 figures and 2 Soviet references.

ASSOCIATION: Sibirskiy metallurgicheskiy institut (Sibirskiy Institute of Metallurgy)

Card 2/3