

ALIKHOVA, T.N.; BALASHOVA, Ye.A.; BALASHOV, Z.G.; NIKITINA, V.N., redaktor;  
POPOV, N.D., tekhnicheskiiy redaktor.

[Field manual of characteristic fauna groups in the Ordovician and Gothlandian deposits of southern Lithuania] Polevoi atlas kharakternykh kompleksov fauny otlozhenii ordovika i gotlandiia iuzhnoi chasti Litovskoi SSR. Pod red. T.N.Alikhovo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane neдр, 1954. 98 p. (MIRA 8:2)  
(Lithuania--Paleontology)

BORISYAK, Marianna Alekseyevna; ALIKHOVA, T.N., redakter; SPIRINA, N.I.,  
redakter; GUROVA, O.A., tekhnicheskii redakter.

[Materials on the stratigraphy and fauna of Ordovician and Silurian  
deposits in central Kazakhstan; stratigraphy and Brachiopoda of  
Silurian deposits in the Chingis-Tau region.] Materialy po stratigrafii  
i faune ordovikskikh i siluriiskikh otlozhenii Tsentral'nogo Kazakh-  
stana; stratigrafiia i brakhiopedy siluriiskikh otlozhenii raiona  
khrebtta Chingiz. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geologii  
i okhrane neдр, 1955. 106 p. (Leningrad Vsesoiuznyi geologicheskii  
institut. Materialy, no.5). (MIRA 9:4)  
(Chingis-Tau region--Brachiopoda, Fossil)

ALIKHOVA, T.N.

Unpublished - Scientific Paper

All-Union meeting on stratigraphy, 1955. Izv. AN SSSR. Ser. geol.  
20 no. 4: 168-170 J1-Ag '55. (MLRA 8:10)  
(Geology, Stratigraphic)

ALIKHOVA, T.N.

Boundary between the Cambrian and Ordovician in the European  
biogeographic province. Inform. sbor. VSEGEI no.4:5-10 '56.  
(Paleontology, Stratigraphic) (MLRA 10:4)

Translation from: Referativnyy zhurnal, Geologiya, 15-57-12-16766  
p 9 (USSR) 1957, Nr 12,

AUTHOR: Alikhova, T. N.

TITLE: The Age of the Molodova Horizon and the Boundary  
Between the Ordovician and Silurian in the Dnestr  
Region (O vozraste molodovskogo gcrizonta i o granitse  
mezhdv ordovikom i silurom v Pridnestov'ye)

PERIODICAL: Inform. sb. Vses. n.-i. geol. in-ta, 1956, Nr 4, pp 29-  
31

ABSTRACT: It is shown that the Molodova horizon, described in a  
number of papers /Nikiforova, O. I., Stratigrafiya i  
brakhiopody siluriyskikh otlozheniy Podolii. Gosgeol-  
tekhizdat, 1954 (Stratigraphy and Brachiopods of the  
Silurian Rocks of Podolia, State Scientific and  
Technical Publishing House of Literature on Geology  
and the Preservation of Mineral Resources, 1954) /,

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The Age of the Molodova Horizon (Cont.)

15-57-12-16766

contains deposits belonging to the upper Middle, possibly to the lower Upper Ordovician and to the lower part of the Silurian. The dating of the greater part of this horizon (limestones, calcareous sandstones, conglomerates) as upper Middle and lower Upper Ordovician is based on the brachiopods Platystrophia lutkewitshi Al., Nicolella oswaldi (Buch), Boreadorthis sadewitzziensis (Roem.), Dinorthis (Plaesiomys) solaris (Ruch), Ilmarinia ponderosa (Pahl.), Triplecia insularis Eichw, and on remains of trilobites similar to Chasmops maxima Schm. It is proposed that the term "Molodova horizon" be preserved for this part of the section. The author points out that the pebble conglomerates, earlier referred to this horizon, have been proved to be of various ages. Part of them occur in the lower part of the overlying Kitaygorod horizon and belong to the Silurian. The author's study has led to the recognition of a break between the Ordovician and the Silurian in the Dnestr region.

I. F. Nikitin

Card 2/2

ALIKHOVA, T.N.

Correlation of the Ordovician system. Sov. geol. no. 55:93-113 '57.  
(Geology, Stratigraphic) (MLWA 10:6)

ALIKHOVA, T.N.

Boundary between the Ordovician and Cambrian in the northwestern  
part of the Russian Platform [with summary in Russian]. Sov. geol. 1  
no.10:57-66 O '58. (MIRA 12:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.  
(Russian Platform--Geology, Stratigraphic)



ALIKHOVA, T.N.; RZHONSNITSKAYA, M.A., red.; SAMARCHYAN, L.M., red.izd-va;  
BYKOVA, V.V., tekhn.red.

[Ordovician stratigraphy of the Russian Platform] Stratigrafiia  
ordovikskikh otlozhenii Russkoi platformy. Moskva, Gos.nauchno-  
tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1960. 74 p.

(Russian Platform--Geology, Stratigraphic) (MIRA 13:9)

ALIKHOVA, T.N.; BALASHOVA, Ye.A.; BALASHOV, Z.G.; SELIVANOVA, V.A.

Establishing a unified geologic time record for the Ordovician  
of the Russian Platform. Trudy Geol. muz. AN SSSR no.14:20-26  
'63.

(MIRA 17:11)

ALIKIN, A. S., Cand. Agri. Sci. (diss) "Fertilization, Grades,  
and Agro-technique of Potatoes under Conditions of Northern  
Urals," Perm', 1961, 16 pp. (Perm' Agri. Inst.) 150 copies (KL  
Supp 12-61, 278).

KUROCHKA, A.L., inzh.; ALIKIN, R.I., inzh.; SUROVIKOV, A.A., inzh. (Novocherkassk)

Using phase splitters for feeding auxiliary machinery of a.c.  
electric locomotives. Elek. 1 tepl. tiaga 2 no. 12:9-11 D '58.

(MIRA 12:1)

(Electric locomotives--Electric equipment)

(Ryurik Ivanovich)

AUTHORS: Alikin, R.I. and Kurochka, A.L., Engineers SOV/144-58-8-8/18

TITLE: Experimental Investigation of Traction Motors Which Are Fed by Pulsating Voltages (Eksperimental'nyye issledovaniya tyagovykh elektrodvigatelyey pri pitanii ot pul'siruyushchego napryazheniya)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika, 1958, Nr 8, pp 69 - 73 (USSR)

ABSTRACT: In Soviet-built electric locomotives the single-phase line current is rectified by means of full-wave rectifiers, using as rectifiers water-cooled single-anode ignitrons with sealed envelopes. The traction motors of these locomotives are series-excited DC motors. In spite of fitting special smoothing chokes, there are considerable pulsations in the rectified voltage. For instance, in the electric locomotives of the types NO and N-60, the basic pulsation wave (100 c.p.s.) under the rated conditions reaches a value of 30% and at high speeds and low current intensities, the pulsations are more intensive still. The current pulsations resulting from the pulsations in the input voltage bring about pulsations in the magnetic excitation flux,

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SOV/144-58-8-8/18  
Experimental Investigation of Traction Motors Which Are Fed by  
Pulsating Voltages

the flux of the armature reaction and the flux of the additional pulse involving additional losses, more intensive heating and reduced efficiency and poorer commutation. For investigating these phenomena, the laboratory of the Novocherkassk Electric Locomotive Works has carried out a series of experiments and developed special test circuits. Development of these circuits presented certain difficulties which were aggravated by the fact that the problem has not been dealt with in literature. In this paper, the basic results are given of experimental investigations. In the experiments, two machines were used, one operating as a generator, the other as a motor. In one series of experiments the motor was operated on DC with a superimposed AC component. In the second series of experiments a rectified voltage was used. The temperature rise in the windings as well as the quality of commutation were investigated in both series of experiments.

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Experimental Investigation of Traction Motors Which Are Fed by  
Pulsating Voltages

In Figure 3 the limits are graphed of the commutation of the traction motor for various degrees of pole shunting ( $\beta = 90\%$ ,  $55\%$  and  $36\%$ ) as a function of the pulsation coefficient and the current intensity. In Figure 4 the dependence is graphed of the transformer e.m.f. on the pulsation coefficient of the supply current. On the basis of the obtained results, the author concludes that feeding of DC motors with pulsating (rectified) voltages leads to the following:- overheating of the armature winding is up to 15% higher than in the case of feeding with appropriate DC voltage; commutation becomes poorer; the deterioration in the commutation is not influenced greatly by the transformer e.m.f., which is induced in the short-circuited sections of the armature, but it is affected to a great extent by the non-coincidence in phase of the commutation flux and the flux of the armature reaction.  
There are 4 figures and 1 table.

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Experimental Investigation of Traction Motors Which Are Fed by  
Pulsating Voltages

ASSOCIATION: Novocherkasskiy elektrovostroitel'nyy zavod  
(Novocherkassk Electric Locomotive Works)

SUBMITTED: June 9, 1958

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ALIKIN, R.I.; GORDIYENKO, P.I.; BESPROZVANNYY, I.G.; ZHIBTSOV, P.P.;  
ZOLOTAREV, P.A.; ZUSMANOVSKAYA, L.L.; IBRAGIMOV, K.G.; KOZOFEZOV,  
M.A.; KOKOREV, A.T.; KUPRIANOV, Yu.V.; KUROCHKA, A.L., kand.  
tekhn. nauk; LITVINOVA, L.M.; LOZANOVSKIY, A.L., kand. tekhn.  
nauk; MAVDRIKOV, F.I.; MAKHAN'KOV, L.V.; PUKALOV, V.I.; RAYLIAN,  
A.F.; SVERDLOV, V.Ya.; SKLYAROV, B.S.; SOLOV'YEV, K.M., kand.  
tekhn. nauk; STUKALKIN, A.N.; SUROVIKOV, A.A.; TIKHONOV, N.G.;  
SHTEPENKO, P.K.; YANOV, V.P.

[VL80 electric locomotive.] Elektrovoz VA80. Novocherkassk. Nauchno-  
issledovatel'skii institut elektrovozostroenia. Sbornik nauchnykh  
trudov, vol. 5) (MIRA 18:5)

YANOV, Viktor Petrovich; KUROCHKA, A.L.; ALIKIN, R.I.; KOLYCHEV,  
G.K., inzh., retsenzent; KALININ, V.K., kand. tekhn.  
nauk, red.; DROZDOVA, N.D., tekhn. red.

[Auxiliary machines of main line d.c. locomotives] Vspomo-  
gatel'nye mashiny magistral'nykh elektrovozov postoiannogo  
toka. Moskva, Transzheldorizdat, 1963. 119 p.

(MIRA 16:8)

(Electric locomotives--Electric equipment)

ALIKIN, R.I.; TRUSHKOV, A.M.; SIN'KOV, N.A.

Study of the magnetic system of the DPE-400 traction motor. Trudy  
TEIIZHT 35:69-76 '62. (MIRA 16:8)  
(Electric railway motors) (Magnetic circuits)

ALIKIN, R.I.; DUBOV, V.V.; KCMAROVSKIY, M.A.; KUPRIYANOV, Yu.V.;  
SIN'KOV, N.A.

NB-412K traction motor with a compensating winding. Sbor. nauch.  
trud. Elnii 3:56-67 '63. (MIRA 17:4)

KISTER, E.G.; LERNER, R.A.; ALIKIN, S.I.; GRAF, E.K.; MARIAMPOL'SKIY, N.A.

Using oxidized petrolatum to improve the lubricating qualities of  
drilling muds. Burenie no.4:25-28 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki  
i Permskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta  
burovoy tekhniki.

SOLECHNIK, N.Ya.; ALIKIN, V.P.

Deformation and beating of woodpulp. Bum.prom. 34 no.12:7-8  
D '59. (MIRA 13:4)

1. Lesotekhnicheskaya akademiya im. Ye.M. Kirova (for Solechnik)
2. Leningradskiy tekhnologicheskij institut tsellyuloznobumazhnoy  
promyshlennosti (for alikin).  
(Woodpulp)

ALIKIN, V. P., Cand Tech Sci -- (diss) "Problems of the rheology and grinding of cellulosic materials." Leningrad, 1960. 17 pp; (Ministry of Higher and Secondary Specialist Education USSR, Leningrad Order of Lenin Forestry Engineering Academy im S. M. Kirov); 220 copies; price not given; (KL, 26-60, 134)

ALIKIN, V.P., inzh.

Effect of some factors on changes in the mechanical properties of  
cellulose and change of the beating process. Trudy LTITSBP  
no.8:32-38 '61. (MIRA 16:9)

(Woodpulp)



ALIKIN, V.P., inzh.

Effect of temperature on changes in the elastoplastic properties  
of cellulose and the nature of heating. Trudy LTITSBP no.8:  
53-57 '61. (MIRA 16:9)

(Woodpulp)

ALIKIN, V.P., kand.tekhn.nauk; PEREKAL'SKIY, N.P., doktor tekhn.nauk

Development of plasticity in fibers during beating and the effect  
of pulp stock plasticity on its sheet formation properties. Report  
No.1. Trudy LTITSBP no.11:13-17 '62.

Studying the process of woodpulp grinding by the alternate pressure  
method. 18-26 (MIRA 16:10)

S/081/61/000/023/009/061  
B108/B147

AUTHOR: Alikin, V. P.

TITLE: Effect of current density on the hydrogen absorption of CT-50 (ST-50) steel and Armco iron

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 70, abstract 23B529 (Uch. zap. Permsk. un-t, v. 13, no. 3, 1959, 79 - 84)

TEXT: The diffusion rate  $v_d$  of electrolytic hydrogen through steel and iron electrodes as depending on the current density  $i$  is studied by a method described earlier (RZhKhim, 1961, 21B509). The potentials  $\varphi_1$  and  $\varphi_2$  on both sides of a membrane are compared with  $v_d$ . It is shown that  $\varphi_1$  and  $\varphi_2$  approach one another and are practically equal at a certain value of  $i$ . On the polarized side,  $\varphi$  is a linear function of  $\sqrt{i}$  at  $i \ll 1 \text{ a/dm}^2$ ; also  $v_d$  increases linearly with  $\sqrt{i}$ . The hypothesis is stated that the

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Effect of current density on the ...

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B108/B147

micro-electromagnetic fields that exist on the boundary between metal and solution cause the protons, i. e., hydrogen atoms striking the cathode surface to penetrate into it. Under the action of the microfields the hydrogen diffuses from a thin surface layer of the metal into its interior.  
[Abstracter's note: Complete translation.]

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S/081/62/000/017/023/102  
B166/B180

AUTHOR: Alikin, V. P.

TITLE: Contribution to the theory of hydrogen absorption (the influence of the nature of the metal)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 73, abstract 17B507 (Uch. zap. Permsk. un-t, v. 19, no. 1, 1961, 3 - 9)

TEXT: An attempt is made to associate the ability of a number of metals to absorb hydrogen with the presence in their atoms of unfilled inner shells and sub-shells. The strong magnetic fields at the surface of such metals communicate high energy to the protons and propel them a certain depth into the metal. Inside the metal the magnetic fields have various orientations, and diffusion is determined by the concentration gradient. The microhardness of a Fe specimen was determined experimentally through the depth of the metal in the course of hydrogen absorption. From these data a distribution curve was plotted for the hydrogen in the specimen and the diffusion coefficient of hydrogen was calculated. Only the surface layer of the Fe was found to undergo high hydrogen absorption. The micro-Card 1/2

Contribution to the theory ...

S/081/62/000/017/023/102  
B166/B180

hardness, the depth of hydrogen penetration into the metal and D pass through a time maximum. As the magnetization of the domains in the metal, like microhardness, passes through a maximum in dependence on the crystal lattice parameters, the author concludes that there is a close connection between the hydrogen absorption by metals and their ferromagnetic properties. [Abstracter's note: Complete translation.]

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S/081/62/000/017/024/102  
B166/B180

AUTHOR: Alikin, V. P.

TITLE: Contribution to the theory of hydrogen absorption (the effect of catalysts)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 73, abstract 17B508 (Uch. zap. Permsk. un-t, v. 19, no. 1, 1961, 11 - 16)

TEXT: By the method described earlier (RZhKhim, 1961, 20E42) an attempt was made to demonstrate that the catalytic effect of As and Se on  $v$ , the rate of diffusion of electrolytic hydrogen from 2N solutions of  $H_2SO_4$  into steel CT -20 (ST-20), is associated with their adsorption on the electrode surface and is not dependent on their state in solution. The potential on both sides of the membrane was determined at the same time as  $v$ .  $v$  increases when As or Se is added to a 2N solution of  $H_2SO_4$ . If the cell is then filled with a pure 2N solution of  $H_2SO_4$  the  $v$  value is only slightly higher than that obtained in the 2N solution of  $H_2SO_4$  + As, and is the same

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Contribution to the ...

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B166/B180

as in the  $2N H_2SO_4 + Se$ . The data obtained indicate that the As and Se which are deposited on the electrode surface have a catalytic effect on v. In the author's opinion these As and Se particles hinder the exchange of electrons between the metal and the reducing  $H_3O^+$  ions and stimulate the process of proton exchange between the solution and the metal.

[Abstracter's note: Complete translation.]

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S/081/62/000/017/043/102  
B162/B101

AUTHOR: Alikin, V. P.

TITLE: Automatic microburet with a photocell

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 146, abstract  
17E39 (Uch. zap. Permsk. un-t, v. 19, no. 1, 1961, 17 - 18)

TEXT: A compact automatic microburet (MB) completely without inertia is described; it is used with a photocell (P) connected to a recording apparatus. The principle of operation of MB is as follows. Between the illuminator and P is a rectangular cell (RC) containing a dark-colored liquid (DL); this is forced out by hydrogen passing through a membrane from an apparatus for investigating the permeability of membranes to electrolytic hydrogen. When the RC is filled with the DL forced out, the amount of light falling on the P is reduced. The amount of liquid in the RC is proportional to the variation of the microvolume or the pressure in the system to which the MB is connected, and the illumination is inversely proportional to the amount of liquid in RC. The RC is connected to MB by

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Automatic microburet with a photocell

S/081/62/000/017/043/102  
B162/B101

a reducing tube; the DL is separated from the water or solution by a layer of a low viscosity oil to protect it from dilution. The MB can easily be converted into a continuous-action buret. [Abstracter's note: Complete translation]

Card 2/2

ALIKIN, V.P.

Determination of the diffusion coefficient of electrolytic hydrogen from the change of potential during the polarization of electrode. Izv.vys.ucheb.zav.;khim.i khim.tekh. 5 no.2:308-313 '62.  
(MIRA 15:8)

1. Permskiy gosudarstvennyy universitet imeni A.M.Gor'kogo,  
kafedra fizicheskoy khimii.  
(Hydrogen) (Diffusion) (Electromotive force)

ALIKIN, V.P.

Dependence of the diffusion coefficient of electrolytic hydrogen  
in the OVP-25 wire on the tensile force applied to it.  
Izv.vys.ucheb.zav.;khim.i khim.tekh. 5 no.3:507-509 '62.

(MIRA 15:7)

1. Permskiy gosudarstvennyy universitet imeni Gor'kogo,  
kafedra fizicheskoy khimii.

(Diffusion)

(Electromotive force)

(Steel—Hydrogen content)

SOLECHNIK, N.Ya., doktor tekhn.nauk; ALIKIN, V.P., inzh.

Some problems of rheology and grinding of fibrous vegetable  
materials. [Trudy] NTO bum.i der.prom. no.8:144-169 '59.  
(MIRA 16:2)

(Woodpulp)  
(Milling machinery)

SOLECHNIK, N.Ya.; ALIKIN, V.P.

Effect of polydispersity on the elastic and viscous properties  
of cellulose and its grinding quality. Trudy LTA no.91:49-64  
'60. (MIRA 15:12)

1. Leningradskaya lesotekhnicheskaya akademiya imeni  
Kirova.  
(Cellulose) (Paper industry)

L 12647-63

ACCESSION NO: AP3002700

EWP(q)/EWT(w)/BDS APPIC JD/JG

S/0080/63/036/003/1045/1049

AUTHOR: Alikin, V. P.

TITLE: Hydrogen absorption of armco iron during chrome plating.

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 5, 1045-1049

TOPIC TAGS: hydrogen absorption, Armco iron, chrome plating, microhardness.

ABSTRACT: Author describes a method for studying the absorption of hydrogen by a metal sublayer during the application of a galvanized coating upon it. This method is based on the change in microhardness during saturation with electrolytic hydrogen. A cylindrical test sample with a ground face is placed into a electrolytic deposition vessel. The face of the sample rests on a glass tube embedded in the vessels bottom. When this tube is filled with electrolyte, an air cushion remains which prevents contact between the face and electrolyte. Determination of the change in microhardness along the diameter of the hydrogen distribution along the thickness, provided an assumption is made that a change in microhardness depends upon the hydrogen concentration. A schematic diagram of this instrument is shown in the article. The effect of current density, temperature and duration of chrome deposition on the hydrogen absorption of armco iron during

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L 12647-63

ACCESSION NR: AP3002700

chrome plating was studied by the change in microhardness of the chrome plating and sublayer. The conditions for the least amount of hydrogen absorption were established. These conditions are: temperature of 50C, a current density at 50 amp/sq. inch and deposition time of 50 minutes. Orig. art. has: 1 figures, 3 tables and 4 formulas.

ASSOCIATION: Kafedra fizicheskoy khimii Permskogo gosudarstvennago universiteta imeni A. M. Gar'kogo (Department of Physical Chemistry, Permsk State University)

SUBMITTED: 22Dec61

DATE ACQ: 24Jun63

ENCL: 00

SUB CODE: CH, ML

NO REF SOV: 009

OTHER: 005

Card 2/2



ALIKIN, V.P.

Effect of the magnetic field on the electrolytic hydrogen  
absorption by steel U9A. Zhur. fiz. khim. 37 no.12:2752-  
2754 D '63. (MIRA 17:1)

1. Permskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.

ALIKIN, Yu., insh.

Raising the unloader ramp of a waste dump. Mast. ugl. 7 no. 7:20  
J1 '58. (MIRA 11:8)

(Ore handling--Equipment and supplies)  
(Winches)

ALIKIN, Yu. (g.Kizel)

The principal directive--sensitiveness and concern for the  
needs of the people. Sov.shakht. 11 no.11:20-21 N '62.

(MIRA 15:11)

(Soviets)

28(1)

SOV/118-59-4-16/25

AUTHORS: Ushakov, I.A., and Alikin, Yu.K., Engineers

TITLE: Operational Experience with MBS-2 Crosscut Drilling  
Machines in the Kuzbass

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959,  
Nr 4, pp 46-48 (USSR)

ABSTRACT: An experimental model of the MBS-2 drilling machine  
was designed by the Kuznetskiy filial Giprouglemasha  
(the Kuznetsk Branch of the Giprouglemash), and a  
set of 5 machines was built by the Anzherskiy zavod  
(the Anzherskiy Plant). They were tested in  
mines of the Prokop'yevsko-Kiselevskiy rayon.  
The machine, used  
in main or sub-drifts, drills 390 mm holes or, by  
return motion, 850 mm holes. The machine may be  
used in drilling crosscuts as well as flat coal  
veins. The hydraulic powering of the MBS-2 permits  
a variable speed (from 0 to 0.8 m per minute), depen-  
ding on the coal solidity. The spindle is powered

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SOV/118-59-4-16/25  
Operational Experience with MBS-2 Crosscut Drilling Machines in  
the Kuzbass

by the flanged electric motor "KOF-12-4" (capacity - 11 kilowatts) through 2 sets of gears. The spindle feeding is accomplished by 2 hydraulic jacks. The hydraulic power unit (Figure 2) is mounted separately on a sled and is equipped with the rotary pump "LlF-5" (productivity - 5 liters per minute under a pressure of 65 kg per square cm), the electric motor "TAG-21-4" (capacity - 0.9 kilowatt), and a control panel. Working soft coal, using pumps of the MSh-3A and N-401 type instead of LlF-5 pumps, the MBS-2 machine achieved a drilling speed of 0.8 m per minute. In view of the high drilling speed of the MBS-2, and in order to prevent standing, a screw loader of the ShG-1 type has been successfully used for loading mine cars with coal extracted from the holes. The test proved the superiority of the MBS-2, compared with the LBS-2,

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SOV/118-59-4-16/25

Operational Experience with MBS-2 Crosscut Drilling Machines in  
the Kuzbass

LBS-4 and SBM-3 crosscut drilling machines. The  
Kombinat "Kuzbassugol'" (the "Kuzbassugol'" Combine)  
has recommended the MBS-2 crosscut drilling machine  
for serial production. There are 3 photographs,  
4 tables, and 1 graph.

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USHAKOV, I.A., inzh.; ALIKIN, Yu.K., inzh.

Over-all mechanization of upraising in steep seams of the  
Kuznetsk Basin. Sbor. KuzNIUI no.8:23-45 '61. (MIRA 16:3)  
(Kuznetsk Basin--Coal mining machinery)

USHAKOV, I. A., kand. tekhn. nauk; ALIKIN, Yu. K., inzh.

Using PVV-2 and PVV-3 machines in upraising. Ugol' 38 no.4:  
39-41 Ap '63. (MIRA 16:4)

(Kuznetsk Basin--Coal mining machinery--Testing)



USHAKOV, I.A.; ALIKIN, Yu.K.; ALIMOV, O.D.; MALIKOV, D.N.;  
SOKOLOV, I.A.; NEYANIN, S.D.

Way of erecting supports in upraise shafts. Ugol' 38  
no.12:53-54 '63. (MIRA 17:5)

USHAKOV, I.A., kand. tekhn. nauk; ALIKIN, Yu.K., inzh.; ZATONSKIIE, A.T.,  
inzh.

Operating the PVV-2, PVV-3 and RUP-2 cutter-loaders. Sbor.  
KuzNIUI no.10:52-70 '64. (MIRA 18:9)

ACCESSION NR: AT4010618

S/3051/63/000/000/0342/0346

AUTHOR: Keyer, N. P.; Alikina, G. M.; Troitskaya, M. G.

TITLE: Catalysis of hydrogen peroxide decomposition and isopropylbenzene oxidation reactions with chelate polymers

SOURCE: Kataliticheskiye reaktsii v zhidkoy faze. Trudy\* Vsesoyuznoy konferentsii. Alma-Ata, 1963, 342-346

TOPIC TAGS: catalysis, chelate, metal chelate polymer, metal chelate catalyst, hydrogen peroxide decomposition, isopropylbenzene oxidation, redox enzyme, copper chelate catalyst, nickel chelate catalyst, cobalt chelate catalyst, iron chelate catalyst, zinc chelate catalyst, cadmium chelate catalyst, phenol inhibition

ABSTRACT: Studies published in recent years have shown that the catalytic activity of oxidation-reduction enzymes is linked to the presence of metals combined with their protein component by a chelate bond. A study of the catalytic properties of chelate complexes is therefore of special interest. The authors studied the relationship between the rate of decomposition of hydrogen peroxide and the composition and structure of Cu, Ni, Co, Fe, Zn and Cd-chelate polymers, using an initial hydrogen peroxide concentration of 0.8, pH=5.64, and 6-30 mg of catalyst. The decomposition was measured by the oxygen evolved during the

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ACCESSION NR: AT4010618

reaction. It was found that the catalytic activity of a polymer depends on the metal present in its chelate complex, Cu and Fe being the most active and Zn and Cd being completely inactive. It also depends on the character of the metal-chelate bond and the structure and chemical composition of the radical in the main chain. Two types of kinetic isotherms were discovered for the reaction: autoaccelerated and autoinhibited, and the inhibiting and accelerating effects of phenol were studied. The rate of isopropylbenzene oxidation was found to depend on the same factors, Cu- and Mn-chelates being the most active catalysts, while Co, Fe and Zn-chelates even depressed the oxidation. Orig. art. has: 1 table and 1 graph.

ASSOCIATION: Institut kataliza Sibirskogo otdeleniya AN SSSR (Institute of Catalysis, Siberian Department AN SSSR)

SUBMITTED: 00

DATE ACQ: 25Jan64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 005

Card 2/2

KEYYER, N.P.; MAMAYEVA, Ye.K.; ALIKINA, G.M.; TYULENEVA, L.I.; AFANAS'YEVA, S.M.

Catalytic properties of chelate polymers based on quinaldine  
bis-thioamides. *Kin.i kat.* 6 no.5:849-853 S-O '65.

(MIRA 18:11)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.

ALIKINA, Nadezhda Alekseyevna

[Alexander Kuz'min, engineer and Communist] Inzhener-kommunist  
Aleksandr Kuz'min. Perm', Permskoe knizhnoe izd-vo, 1959. 69 p.  
(MIRA 15:12)  
(Kuz'min, Aleksandr Aleksandrovich, 1876-1920)

ALIKINA, N.A.; POPOV, V.F.; FADEYEV, A.N.; NAZAROVSKIY, B.N., red.;  
SUKMANOVA, K.G., tekhn. red.

[Communists of Perm Province in the effort to carry out the decisions of the 21st Congress of CPSU] Kommunisty Permskoi oblasti v bor'be za vypolnenie reshenii XXI s"ezda KPSS; sbornik dokumentov i materialov. Perm', Permskoe knizhnoe izd-vo, 1961. 261 p.  
(MIRA 15:7)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Permskii oblastnoy komitet. Partinyy arkhiv.

(Perm Province—Economic conditions)

(Perm Province—Communist education)

Alkhina, Ye. V.

"Effect of the Nutritional Water Regime on Ovogenesis and Spermatogenesis in Certain Agriculturally Harmful Rodents." Cand Biol Sci, All-Union Sci Res Inst of Plant Protection VASKhNIL, Leningrad, 1954. (RZhBiol, No 7, Apr 55)

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



ALIKINA, Ye. V.

Effect of the water content of feed on oogenesis and spermatogenesis  
in the field voles *Microtus arvalis* Pall. Zool. zhur. 38 no. 4:610-625  
Ap '59. (MIRA 12:5)

1. Chair of Zoology, Leningrad Agriculture Institute.  
(Field mice) (Water--Physiological effect)  
(Spermatogenesis in animals)  
(Oogenesis)

ZIBITSKER, D.Ye.; ALIKINA, Z.G.

Determination of the aldolase activity of the blood in the early  
diagnosis of epidemic hepatitis. Zdrav. Bel. 5 no.5:13-17 '59.

(MIRA 12:8)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny  
i kafedry infektsionnykh bolezney Minskogo meditsinskogo instituta.  
(HEPATITIS, INFECTIOUS) (ALDOASE)

FILIPPOVICH, A.N., prof. [deceased]; EL'KINA, Yu.A.; ALIKINA, Z.G.;  
KAPLAN, TS.A.

Bacterial carriers among diphtheria reconvalescents. Zdrav.  
Bel. 9 no.3:20-22 M.:63 (MIRA 16:12)

1. Iz kafedry infektsionnykh bolezney Minskogo meditsinskogo  
instituta i infektsionnoy klinicheskoy bol'nitsy.

ALIKISHIBEKOV, M. M.

Alikishibekov, M. M.: "The problem of early and late resections in gunshot wounds of the knee joint," (Report) Trudy III Zakavkazsk. s"yezda khirurgov, Yerevan, 1948 (on cover: 1949), p. 373-379

SO: U-5240, 17 Dec. 53, (Letopis 'zhurnal 'nykh Statey, No. 25, 1949).

ALIKHIBEKOV, M. M.

"Penetrating Gun Shot Wounds of the Knee Joint." Sub 22 May 51,  
Central Inst for the Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in  
Moscow during 1951. *Dr. Med. Sci.*

S O: Sum. No. 480, 9 May 55

ALIKISHBEKOV, M. M.

Amebic tumor of the large intestine. Klin. med., Moskva 29  
no.8:76-77 Aug 1951. (CJML 20:11)

1. Docent. 2. Of the Department of Hospital Surgery (Head  
Prof. M. A. Mir-Kasimov), Azerbaydzhani Medical Institute, Baku.

ALIKISHIBEKOV, M., (Prof)

"The Use of Radioactive Iodine in Diagnosing Diseases of the Thyroid Gland" a paper presented at the Transcaucasian Radiological Conference Nov. 55.

TI-166004

EXCERPTA MEDICA Sec.3 Vol.12/5 Endocrinology April 58  
*Alikishibekov M.M.*

678. THE USE OF  $I^{131}$  IN THE DIAGNOSIS OF DISORDERS OF THE THYROID GLAND (Russian text) - Alikishibekov M. M. - TRUD. PEROVOI ZAKAVK. KONFERENTSI PO MED. RADIOL. 1956 (234-238)

Forty-three patients and 9 persons not suffering from any disorders of the thyroid gland were investigated. In 40 cases an operation was performed. Clinical evidence pointed to hypofunction of the affected part of the thyroid in cases of nodular goitre and hyperfunction in the diffuse parenchymatous type. In the latter condition, however, subnormal activity could be occasionally observed. During the postoperative period in cases of nodular goitre the functional activity increased while in diffused parenchymatous goitre it diminished at first, only to be completely restored later.

(S)



*ALIKISHIBEKOV, M.M.*  
ALIKISHIBEKOV, M.M., dotsent

Large pancreatic cyst cured by internal drainage. Khirurgiia 33  
no.11:109-111 N '57. (MIRA 11:2)

1. Iz Azerbaydzhashanskogo nauchno-issledovatel'skogo instituta  
rentgenologii, radiologii i onkologii (dir. - dotsent M.M.  
Alikishibekov)

(PANCREAS, cysts  
surg., internal drainage (Rus))

ALIKISHIBEKOV, M.M., dotsent (Baku)

Functional aspects of endemic goiter in Ordubad District, Nakhichevan ASSR. Probl. endok. i gorm. 5 no.2:91-95 Mr-Apr '59. (MIRA 12:7)

1. Iz kafedry obshchey khirurgii (zav. - zasluzhennyy deyatel' nauki prof. Z. M. Mamedov) Azerbaydzhanskogo meditsinskogo instituta imeni N. Narimanova (dir. - zasluzhennyy deyatel' nauki prof. B. A. Ryvazov).  
(GOITER, epidemiol.  
endemicity in Russia (Rus))

ALIKISHIBEKOV, M.M., dotsent

Condition of the capillary system in various forms of goiter. Azerb.  
med.zhur. no.7:63-67 JI '59. (MIRA 12:12)

1. Iz kafedry obshchey khirurgii (zav.- zaslushennyy deyatel' nauki  
prof. Z.M. Memedov) Azerbaydzhanskogo gosudarstvennogo meditsinskogo  
instituta imeni N.Narimanova.

(CAPILLARIES--DISEASES AND DEFECTS)

(GOITER)

MAMEDOV, Z.M., zasluzhennyy deyatel' nauki, prof.; ALIKISHIBEKOV, M.M., dotsent

Treatment of thyrotoxicosis with radioactive iodine in relation to late results. Azer'b. med. zhur. no.4:81-87 Ap '60. (MIRA 14:5)

1. Iz kafedry obshchey khirurgii (zav. - chlen-korrespondent AN AzerbSSR, zasluzhennyy deyatel' nauki, prof. Z.M.Mamedov) Azerbaydzhanskogo meditsinskogo instituta imeni N.Narimanova.

(THYROID GLAND—DISEASES)

(IODINE—THERAPEUTIC USE)

ALIKISHIEKOV, M.M.

Malignant neoplasms of the thyroid gland; from data of the  
Azerbaijan Institute of Roentgenology, Radiology and Oncology.  
Vop.onk. 6 no.1:117-120 '60. (MIRA 13:10)  
(THYROID GLAND--CANCER)

ALIKISHIBEKOV, M. M., Dr. Med. Sci., -- (diss) "Data on the study of epidemic goiter in the Kubinsk, Kusarsk and Ordzhonikidze Rayons and on the pathology of the thyroid gland in Baku, Azerbaydshan SSR," Tbilisi, 1961, 31 pp (Tbilisi State Medical Institute) 200 copies (KL-Supp 9-61, 187)

ALIK ISHIBEKOV, M.M., doktor med. nauk

Some external factors influencing the course of thyrotoxicosis in  
the residents of the city of Baku. Azerb. med. zhur. 41 no.2:  
8-11 F '64. (MIRA 18:1)

1. Iz kafedry obshchey khirurgii Azerbaydzhanskogo meditsinskogo  
instituta imeni N. Narimanova.

ALIKISHIBEKOV, M.M., prof.

Aleksandr Aleksandrovich Shtuss. Azerb. med. zhur. 41  
no. 10:76-77 0 '64 (MIRA 19:1)

1. Direktor Azerbaydzhanskogo meditsinskogo instituta.



ALIKISHIEBKOV, M.M., doktor med.nauk; NADZHAROV, A.G., dokt.med.nauk; ROMIN, D.L., kand.med.nauk; LAZAREV, N.V., prof.

Reviews. Vop. onk. 11 no.6:124-127 '65.

(MIRA 18:8)

ALIKISHIBEKOV, M.M., dr. med. nauk; AGAFONTSEV, A.A.

Thyroid gland activity during sleep. Probl. endok. i gorm. 11  
no.2:15-18 Mr-Apr '65. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut rentgenologii, radiologii  
i onkologii (direktor doktor med. nauk M.M.Alikishibekov) Ministerstva  
zdravookhraneniya Azerbaydzhanskoy SSR.

**ALIKISHIBEKOVA, T.M.**

Problem of the use of oily acid petroleum asphalts as a solid  
fuel. Dokl.Azerb. SSR 10 no.1:15-22 '54. (MLRA 7:7)

1. Institut energetiki Akademii nauk Azerbaydzhanskoy SSR.  
Predstavleno deystvitel'nyy chlenom Akademii nauk Azerbaydzhans-  
skoy SSR I.G.Yes'manom.  
(Asphalt as fuel)

ALIKISHIBEKOVA, T.M.

Experimental study on thermal oil recovery. Izv.AN Azerb.  
SSR.Ser.fiz.-mat.i tekhnauk no.4:97-105 '59. (MIRA 13:2)  
(Oil reservoir engineering)

ALIKISHIBEKOVA, T. M.

Combustion front as a factor in the determination of the  
permeability of oil sands. Trudy ENIN AN Azerb. SSR 15:40-45  
'62. (MIRA 15:10)

(Oil sands--Permeability)

ACC NR: AP7005259

SOURCE CODE: UR/0423/66/000/010/0017/0019

AUTHORS: Agayeva, F. M.; Alikishibekova, T. M.; Kolomiitsev, V. S.; Rzayev, A. I.

ORG: Azerbaidzhan Scientific Research Institute of Power Engineering im. I. G. Yes'man  
(Azerbaydzhanakiy nauchno-issledovatel'skiy institut energetiki)

TITLE: Investigation of a plasmatron with an air-stabilized electric arc

SOURCE: Za tekhnicheskoy progress, no. 10, 1966, 17-19

TOPIC TAGS: plasma jet, high temperature plasma, plasma generator, nitrogen oxide /  
UVT-300 plasma generator

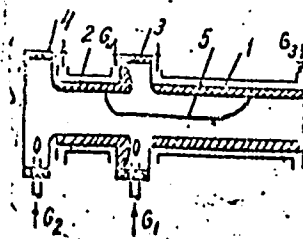
ABSTRACT: Investigation of an air-stabilized electric arc plasmatron is reported. The generator is used to obtain nitrogen oxides in a plasma jet on a unit UVT-300, built at the Azerbaidzhan Scientific Research Institute, and designed for high temperature studies in plasma chemistry. The diagram of the plasmatron is shown in Fig. 1. The anode (a cylindrical jet 130 mm long and 10 mm in diameter) and the hollow cathode (75 mm long and 14 mm in diameter) are made of copper. The gaseous ring of the ring chamber, made of zirconium dioxide, has 6 tangential openings, 5.5 mm in diameter, for the passage of the air into the arc canal. The parameters investigated were: volt-ampere characteristics, efficiency of the plasmatron, and the temperature of the plasma jet. It was established that: 1) increased flow rate of the air results in increased voltage of the arc at constant amperage; 2) with increased power, the efficiency of the plasmatron

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UDC: 621.387.143.001.5

ACC NR: AP7005259

Fig. 1. Bi-chamber plasmatron with vortex stabilization: 1 - anode; 2 - cathode; 3 - gaseous ring; 4 - vortex-inducing section (2nd chamber); 5 - electric arc;  $G_1$  and  $G_2$  - air supply;  $G_3$  and  $G_4$  - water supply



drops because the velocity and the damping temperature of the gas increases, thus increasing the heat loss of electrodes; 3) the curve of the axial jet temperature vs specific energy input has an inflection at 7000—7500K and a steeper slope above 10 000K. The reason for such a temperature function is discussed in detail. Orig. art. has: 5 figures.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 002

Card 2/2

GADZHIYEV, F.M.; ALIKISHIYEKOVA, Z.M.

Effect of cobalt, manganese, and copper salts on the development  
and some morphological blood indices of young fowl. Trudy  
Sekt. fiziol. AN Azarb. SSR 3:52-56 '60. (MIRA 13:10)  
(POULTRY—FEEDING AND FEEDS) (TRACE ELEMENTS)



GADZHIYEV, F.M.; ALIKISHNEKOVA, Z.M.

Effect of cobalt salts on the phagocytic activity of leucocytes in  
fowl. Trudy Sekt. fiziol. AN Azerb. SSR 3:93-96 '60.

(PHAGOCYTOSIS) (COBALT--PHYSIOLOGICAL EFFECT) (MIRA 13:10)  
(POULTRY--PHYSIOLOGY)

ALISIMENOV, R. Sh.

ALISIMENOV, R. Sh. - "Outline of the history of public health in Dagestan."  
Makhachkala, 1955. Acad Med Sci USSR. (Dissertations for degree of Candidate  
of Medical Sciences.)

30: Knizhnaya letopis', No 48. 26 November 1955. Moscow.

ALIKISHIYEV, Ramazan Shamchalovich

[Studies in the history of public health in Daghestan] Ocherki  
po istorii zdavookhrameniia Dagestana. Moskva, Medgiz, 1958.  
174 p. (MIRA 13:4)

(DAGHESTAN---PUBLIC HEALTH)

ALIKISHIYEV, R.Sh.

~~Results of dispensary service for the aged in Daghestan. Sov.~~  
zdrav. 17 no.6:40-43 Ja'58 (MIRA 11:6)

1. Glavnyy vrach respublikanskogo protivozobnogo dispansera  
Dagestanskoy ASSR, assistant kafedry organizatsii zdravookhraneniya  
Dagestanskogo meditsinskogo instituta.

(OUTPATIENT SERVICES

for aged, results (Rus))

(AGED,

dispensary serv., results (Rus))

ALIKISHIYEV, R.Sh., kand.med.nauk

Condition of the teeth in very old inhabitants of the Dagestan  
A.S.S.R. Stomatologiya 40 no.3:28-30 My-Je '61. (MIRA 14:12)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny  
(zav. - zaslyzhennyy vrach Uzbekskoy SSR U.A.Alimov) Andizhanskogo  
meditsinskogo instituta.  
(DAGESTAN---TEETH---AGING)

ALIKISHIYEV, R.Sh.

Longevity in Daghestan. Trudy MOIP.Otd.biol.6:16-21'62.

(MIRA 16:7)

1. The Dagestar Anti-Goiter Institute, Cabinet for Longevity  
Studies.

(DAGHESTAN--LONGEVITY)

ALIKPEROV, R.A., assistant

Chemical weed control in millet fields. Zashch. rast. ot vred.  
i bol. 4 no.2:12 Mr-Ap '59. (MIRA 16:5)

1. Penzenskiy sel'skokhozyaystvennyy institut.  
(Penza Province—Weed control)  
(Penza Province—Millet)

MAKAROV, N.I.; SKLYAROV, V.Ya.; ALIKPEROVA, Sh.M.; NADZHAROV, A.F.;  
DZEBISASHVILI, Yu.I.; MNATSAKANYAN, A.G.; ODINCHENKO, O.N.;  
AZUGAROVA, M.Kh.; ZYUZIN, A.S.

Morbidity from anthrax in animals and humans in Ciscaucasia and  
Transcaucasia in 1960-1961: authors' abstract. Zhur. mikrobiol.  
epid. i immun. 40 no.5:112-113 My '63. (MIRA 17:6)

1. Iz Nauchno-issledovatel'skogo protivochumnogo instituta  
Kavkaza i Zakavkazya, Azerbaydzhanskoy, Armyanskoy, Gruzinskoy,  
Severo-Osetinskoy, Checheno-Ingushskoy respublikanskikh sanitarno-  
epidemiologicheskikh stantsiy i Azerbaydzhanskoy protivochumnoy  
stantsii.



L 10425-65 EWT(1)/EPF(c)/EPF(n)-2/EPH/T/EPH(Sb)-2/EPH(1) Fr-4/Pe-4/ra-4  
 ARD/1a/SSD/ESD/ASD(F)-2/AS(ep)-2/AFMOC RM, EIL  
 ACCESSION NR: APL047439

5/0170/64/000/005/0030/0033

AUTHORS: Alikseyev, B. V.; Zenkevich, B. A.; Subbotin, V. I.

TITLES: Critical heat fluxes in annular channels with two-sided heat addition 2

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 9, 1964, 30-33

TOPIC TAGS: heat transfer, annular channel, convective heat transfer

ABSTRACT: The experimental apparatus described by V. I. Subbotin, B. A. Zenkevich, O. A. Sudnitsyn, V. I. Krotov, and O. L. Peskov (Sb. "Issledovaniye teplootdachi k paru i vode, kipiyashchey v trubakh pri vyssokikh davleniyakh." Atomizdat, 1958) was used to determine the critical heat fluxes in annular channels with two-sided heat supply. The annular channel was formed by two tubes (6 and 10 mm diameter) heated with a 0.2-m heating length. The experiments were conducted by first measuring the critical heat flux for inner tube heating only, and then the experiment was repeated with two-sided heat addition and the same fluid parameters at the outlet. (981-1471 n/cm<sup>2</sup>, 1-6 m/sec, 100 degrees below superheat, weight steam content 0.20) It was found that

$$q_{cr} = q_0 \left[ 1 - 1.41 \cdot 10^{-6} \left( \frac{T}{T'} \right)^{0.781} W_e K_0 \right]$$

$$K_0 = \frac{T - T_{sat}}{T} + \frac{3.6 \cdot 10^4 q_{cr}}{W_e K_0}$$

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L 10425-65

ACCESSION NR: AP4047139

(nomenclature was not explained) described the experimental results with a maximum error of 15%. In general, it was found that the critical heat fluxes were higher than for one-sided heating and that the critical heat fluxes increase on either heat-transfer surface in the presence of heat flux from the other surface. Orig. art. has: 1 figure and 2 formulas. 2

ASSOCIATION: Fiziko-energeticheskiy institut g. Obninsk (Physico-Power Engineering Institute, Obninsk)

SUBMITTED: 17Jan64

SUB CODE: TD

REF SOV: 005

ENCL: 00

OTHER: 000

Card 2/2

DADASHEV, B.A.; ALIMAMEDOV, G.G.; AGAMIRZOYEVA, Z.K.

Catalytic dehydrogenation of ethylcyclohexane in the benzene  
fraction of Peschanyy Ostrov crudes. Azerb.khim.zhur. no.3:37-42  
'60. (MIRA 14:8)

(Cyclohexane) (Dehydrogenation)

DADASHEV, B.A.; SENDBEKOVA, O.G.; ALIMAMEDOV, G.G.

Synthesis of monoalkylurethanes in the presence of catalysts.  
Azerb.khim.zhur. no.4:21-27 '65.

(MIRA 18:12)

KULIYEV, I. P.; IBRAGIMOV, A. M.; ~~ALIMANOV, L. S.~~

Effect of the roughness of the surface of piles on wave pressure.  
Azerb. neft. khoz. 39 no. 7:39-42 J1 '60. (MIRA 13:10)  
(Piling (Civil engineering))

ALIMAMEDOV, L.S.; KULIYEV, L.P.

Pressure distribution along the wave profile as it reacts with pile structures. Izv. vys. ucheb. zav.; neft' i gaz 7 no.2:103-108 '64.  
(MIRA 17:10)

1. Azerbaydzhanskiy institut nefti i khimii in. M. Azizbekova i Gosudarstvennyy institut po proyektirovaniyu predpriyatiy dlya dobychi s morskogo dna.

KULIYEV, I.P.; IBRAGIMOV, A.M.; ALIMAMEDOV, L.S.

Characteristics of strong storms in the Neftyanyye Kamni  
water area.. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefti  
no.5:125-131 '61. (MIRA 15:1)  
(Neftyanyye Kamni region--Storms)

NAZIROV, R.K.; KULIYEV, I.P.; IBRAGIMOV, A.M.; ALIMAMEDOV, L.S.

Fouling of steel structures in sea waters as a factor in  
the projecting of marine oil-engineering plants. Izv.AN Azerb.  
SSR.Ser.fiz.-mat.i tekhn.nauk no.1:151-159 '62. (MIRA 15:4)  
(Marine biology)



ALIMAMEDOV, M.B.; SMETANICH, Ya.S., kand. fiz.-mat. nauk; YAKOBS, A.I.,  
kand. tekhn.nauk

Numerical method for calculating the dynamics of moisture by  
depth of uniform soil layers. Dokl. Akad. sel'khoz. nauk  
no.10:43-47 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii  
sel'skogo khozyaystva.

RAGIMOV, Sh.S.; DZHAFAROV, R.D.; BAGIROVA, Z.A.; MAMEDOV, I.F.; AGA-ZADE, S.S.;  
ALIYEVA, E.R.; ALIYEV, A.M.; ALIMAMEDOVA, V.P.

Caspian earthquake of September 18, 1961. Izv. AN SSSR. Ser. geofiz.  
no.9:1389-1391 3 '63. (MIRA 16:10)

1. Akademiya nauk AzerbSSR, Institut geologii.

ALHAMBRA, S.

Some questions of terminology for electric conductors. p. 25.

Excerpt from the regulation on organization and activity of the State Bureau of Standards and Inventions as well as the State Planning Committee. p. 41.

STANDARDILANCA, Bucuresti, Vol. 7, no. 6, June 1955.

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

ZUL'FUGAROV, Z.G.; ALIMARDANOV, G.I.; AGDAMSKIY, T.A.

Catalytic decomposition of normal heptane in the presence of  
gilyabi. Azerb.khim.zhur. no.3:37-48 '59. (MIRA 1: 9)  
(Heptane) (Bentonite) (Azerbaijan)