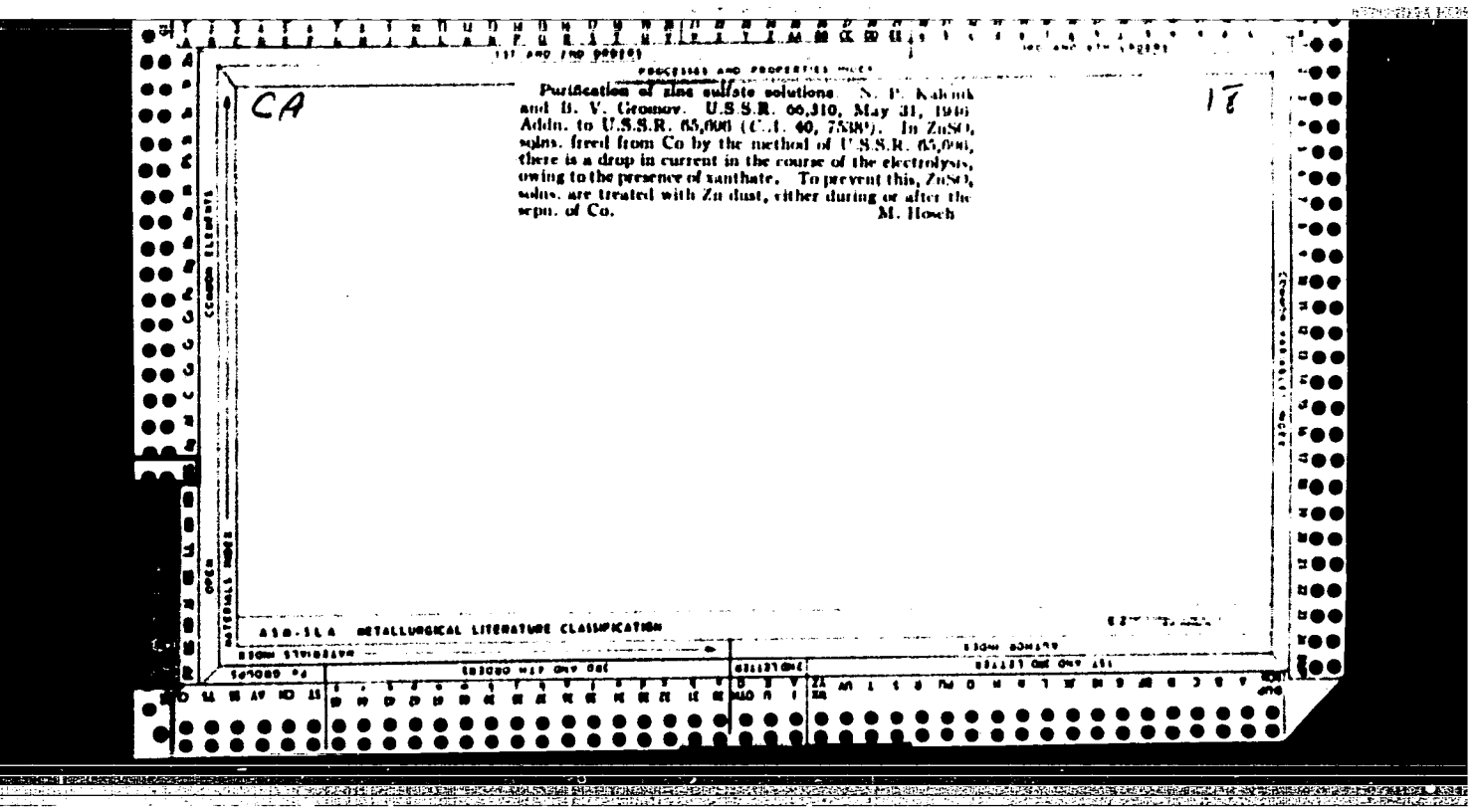
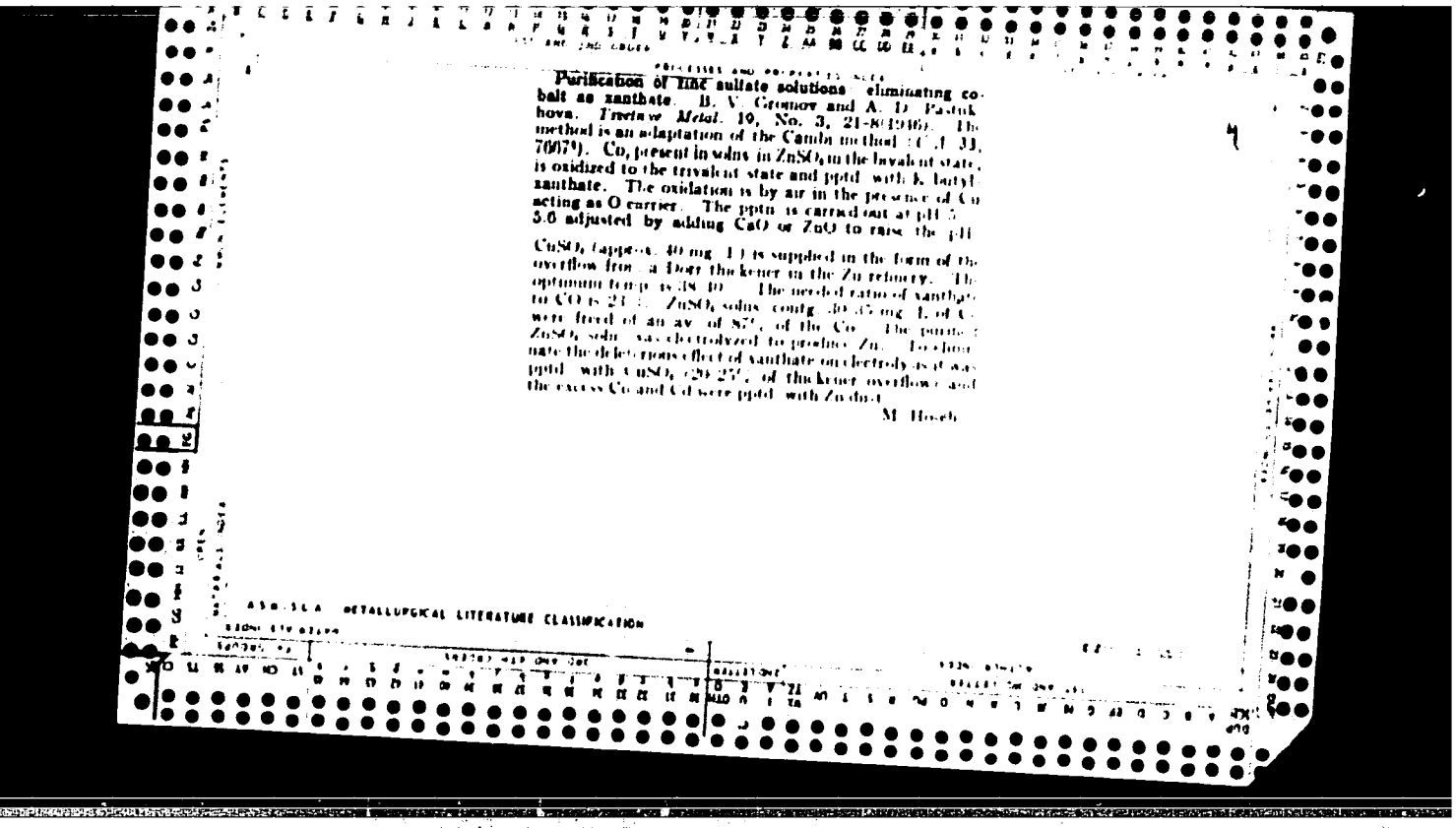


CA

18

Purification of zinc sulfate solutions. N. P. Kalenik and B. V. Gromov. U.S.S.R. 66,310, May 31, 1946. Addn. to U.S.S.R. 65,008 (C.A. 40, 7538⁹). In ZnSO₄ solns. freed from Co by the method of U.S.S.R. 65,008, there is a drop in current in the course of the electrolysis, owing to the presence of xanthate. To prevent this, ZnSO₄ solns. are treated with Zn dust, either during or after the sepn. of Co.

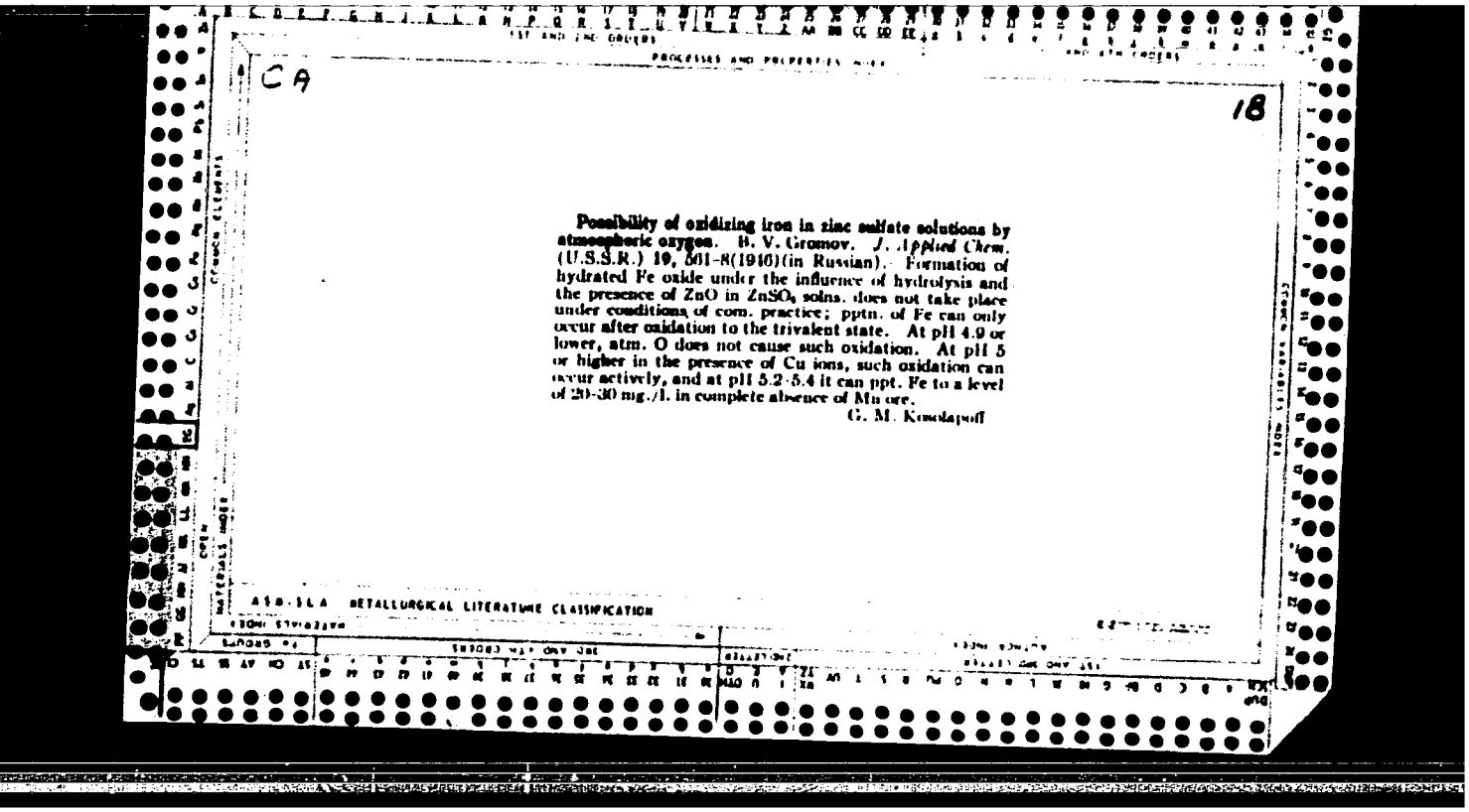
M. Hosch



Purification of zinc sulfate solutions eliminating cobalt as xanthate. B. V. Gromov and A. D. Pastukhova. *Tsvetnye Metal.* 19, No. 3, 21-8(1946). The method is an adaptation of the Canda method (C.A. 33, 7007). Co, present in solns in $ZnSO_4$ in the bivalent state, is oxidized to the trivalent state and pptd with K butyl xanthate. The oxidation is by air in the presence of Cu acting as O carrier. The pptn is carried out at pH 5.0 adjusted by adding CaO or ZnO to raise the pH

$CuSO_4$ (approx. 40 mg. Cu is supplied in the form of the overflow from a Dorr thickener in the Zn refinery. The optimum temp is 18-20°. The needed ratio of xanthate to Co is 2:1. $ZnSO_4$ solns contg. 30-45 mg. Co/l. of Co were freed of an av. of 87% of the Co. The purified $ZnSO_4$ soln was electrolyzed to produce Zn. To eliminate the deleterious effect of xanthate on electrodeposition it was pptd with $CuSO_4$ (20-25% of the thickener overflow) and the excess Cu and Co were pptd with Zn dust.

M. Hoch

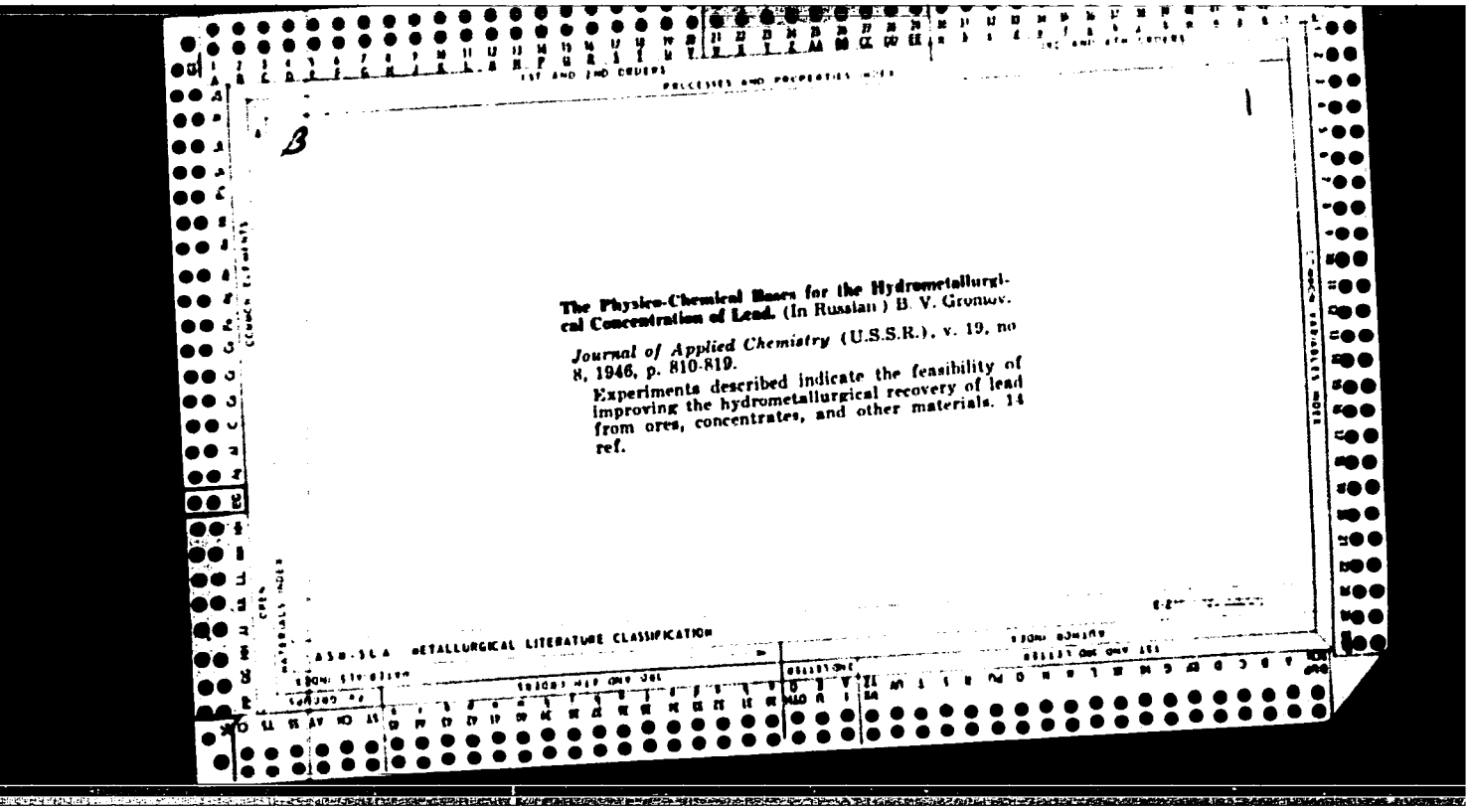


CA

18

Possibility of oxidizing iron in zinc sulfate solutions by atmospheric oxygen. B. V. Gromov. *J. Applied Chem. (U.S.S.R.)* 19, 501-8(1946)(in Russian). Formation of hydrated Fe oxide under the influence of hydrolysis and the presence of ZnO in $ZnSO_4$ solns. does not take place under conditions of com. practice; pptn. of Fe can only occur after oxidation to the trivalent state. At pH 4.9 or lower, atm. O does not cause such oxidation. At pH 5 or higher in the presence of Cu ions, such oxidation can occur actively, and at pH 5.2-5.4 it can ppt. Fe to a level of 20-30 mg./l. in complete absence of Mn ore.
G. M. Kosolapoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



The Physico-Chemical Bases for the Hydrometallurgical Concentration of Lead. (In Russian) B. V. Gronov.

Journal of Applied Chemistry (U.S.S.R.), v. 19, no 8, 1946, p. 810-819.

Experiments described indicate the feasibility of improving the hydrometallurgical recovery of lead from ores, concentrates, and other materials. 14 ref.

USSR/Metals Jul/Aug 1947
Metallurgical Plant
Zinc Industry

"The Technological Displacement During the Electrolysis of Zinc at the Chelyabinsk Zinc Electrolysis Plant," B. V. Gromov, Candidate in Technical Sciences, B. A. Egorov, Engr, Chelyabinsk Zinc Electrolysis Plant, 4 pp

"Tsvetnyye Metally" No 4

Discusses the electrometallurgy of zinc. Tables and graphs illustrate the author's statements on the amounts of various types of electrolytes and the amount of ore produced with relation to the current. Describes the composition of the electrolyte, condition of the equipment, proportions of colloids used, and quality of the zinc ingots.

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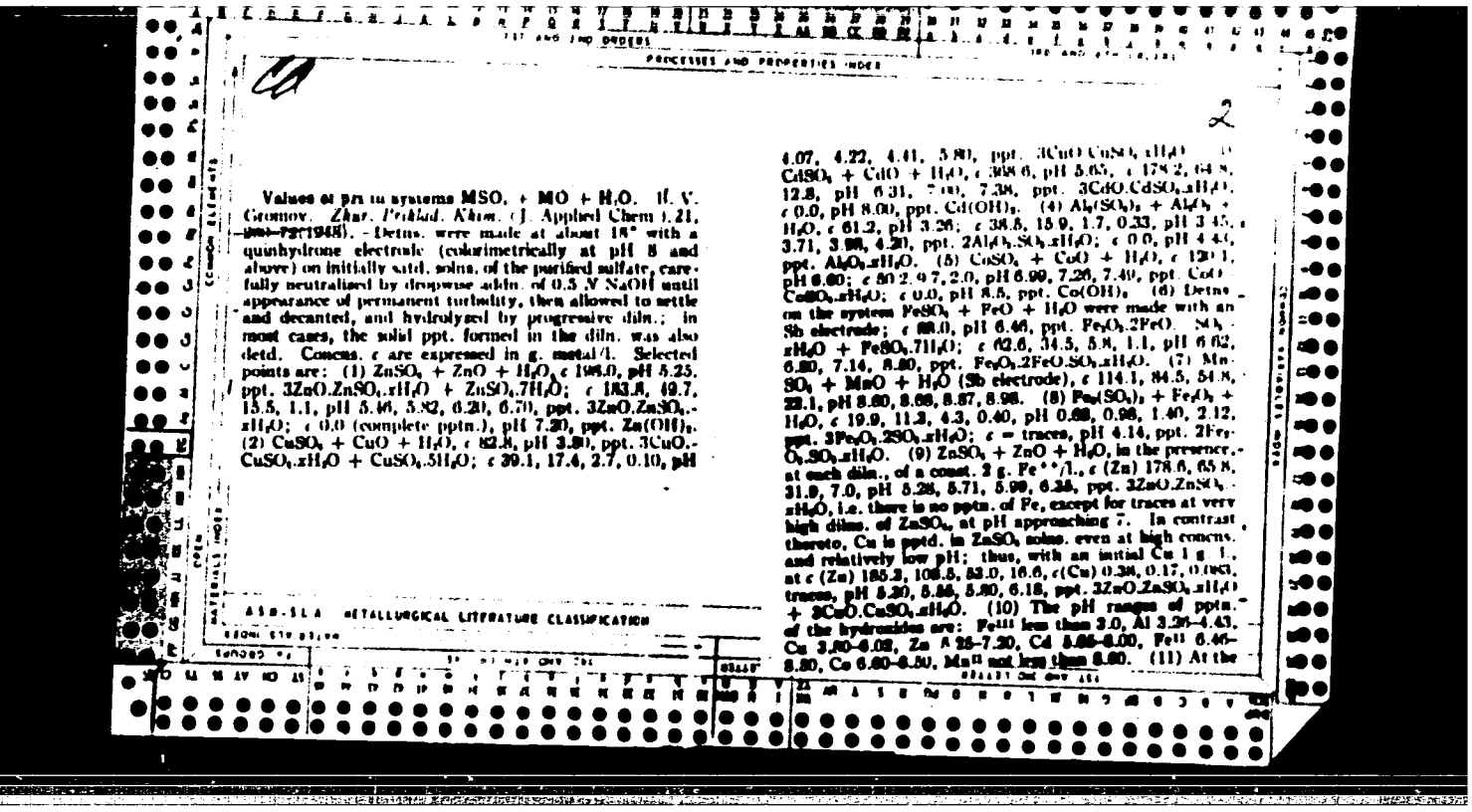
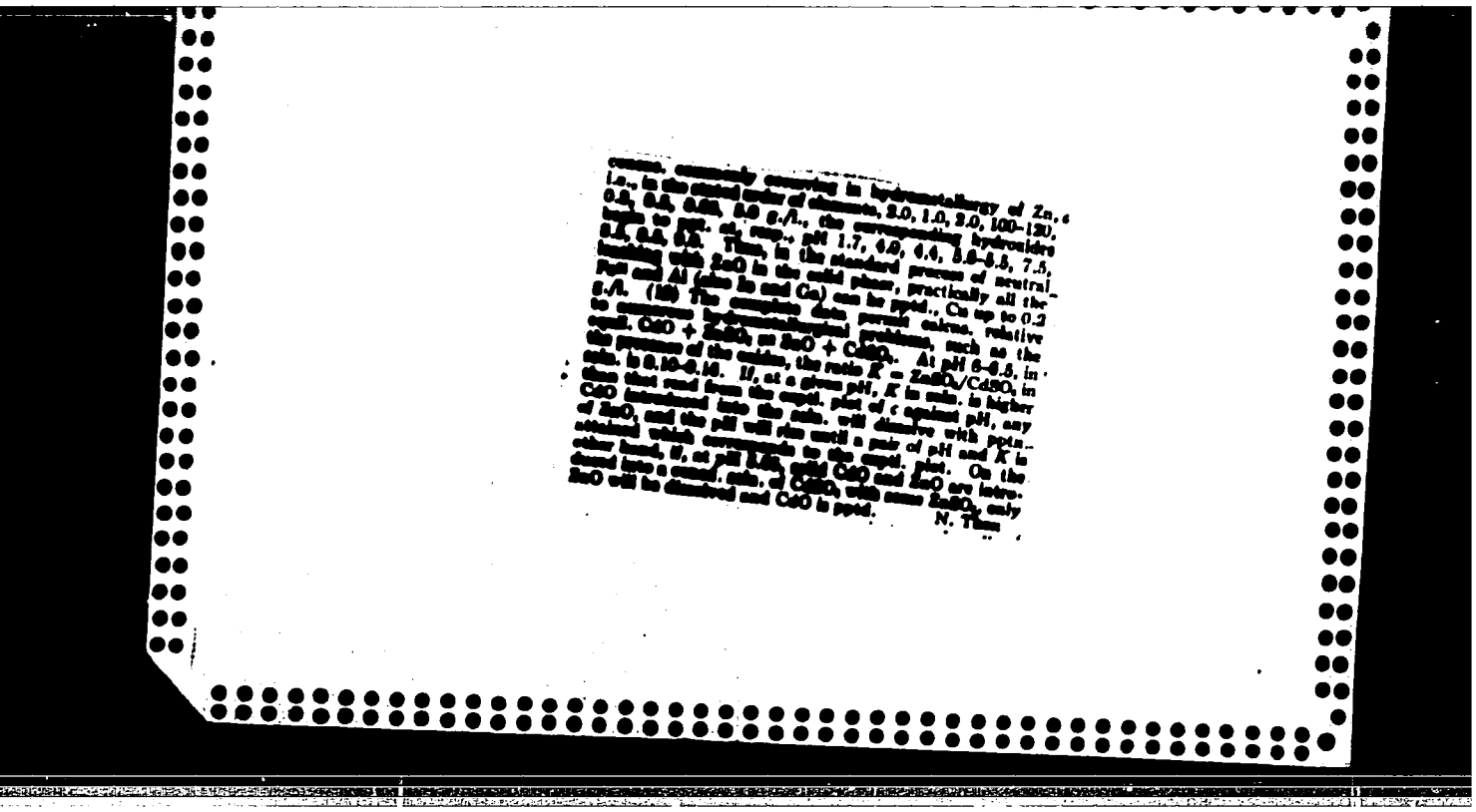


PROCESSES AND PROPERTIES INDEX

2

Values of pH in systems $MSO_4 + MO + H_2O$. II. V. Gromov. *Zhur. Prikład. Khim.* (J. Applied Chem.) 21, [illegible] (1948). - Detns. were made at about 18° with a quinhydrone electrode (colorimetrically at pH 8 and above) on initially satd. solns. of the purified sulfate, carefully neutralised by dropwise addn. of 0.5 *N* NaOH until appearance of permanent turbidity, then allowed to settle and decanted, and hydrolysed by progressive dilns.; in most cases, the solid ppt. formed in the dilns. was also detd. Concns. *c* are expressed in g. metal/l. Selected points are: (1) $ZnSO_4 + ZnO + H_2O$, *c* 198.0, pH 5.25, ppt. $3ZnO.ZnSO_4.xH_2O$ + $ZnSO_4.7H_2O$; *c* 183.8, 49.7, 15.5, 1.1, pH 5.46, 5.82, 6.20, 6.70, ppt. $3ZnO.ZnSO_4.xH_2O$; *c* 0.0 (complete pptn.), pH 7.20, ppt. $Zn(OH)_2$. (2) $CuSO_4 + CuO + H_2O$, *c* 82.8, pH 3.80, ppt. $3CuO.CuSO_4.xH_2O$ + $CuSO_4.5H_2O$; *c* 39.1, 17.4, 2.7, 0.10, pH 4.07, 4.22, 4.41, 5.80, ppt. $3CuO.CuSO_4.xH_2O$ + $CuSO_4.5H_2O$. (3) $CdSO_4 + CdO + H_2O$, *c* 398.6, pH 5.65, *c* 178.2, 64.8, 12.8, pH 6.31, 7.00, 7.38, ppt. $3CdO.CdSO_4.xH_2O$; *c* 0.0, pH 8.00, ppt. $Cd(OH)_2$. (4) $Al_2(SO_4)_3 + Al_2O_3 + H_2O$, *c* 61.2, pH 3.26; *c* 38.8, 18.9, 1.7, 0.33, pH 3.45, 3.71, 3.98, 4.20, ppt. $2Al_2O_3.SO_3.xH_2O$; *c* 0.0, pH 4.40, ppt. $Al_2O_3.xH_2O$. (5) $CoSO_4 + CoO + H_2O$, *c* 120.1, pH 6.60; *c* 80.2, 9.7, 2.0, pH 6.99, 7.26, 7.40, ppt. $CoO.CoSO_4.xH_2O$; *c* 0.0, pH 8.5, ppt. $Co(OH)_2$. (6) Detns. on the system $FeSO_4 + FeO + H_2O$ were made with an Sb electrode; *c* 88.0, pH 6.66, ppt. $Fe_2O_3.2FeO.SO_3.xH_2O$ + $FeSO_4.7H_2O$; *c* 62.6, 34.5, 5.8, 1.1, pH 6.62, 6.80, 7.14, 8.80, ppt. $Fe_2O_3.2FeO.SO_3.xH_2O$. (7) $MnSO_4 + MnO + H_2O$ (Sb electrode), *c* 114.1, 84.5, 54.8, 22.1, pH 8.60, 8.66, 8.87, 8.98. (8) $Fe_2(SO_4)_3 + Fe_2O_3 + H_2O$, *c* 19.9, 11.3, 4.3, 0.40, pH 0.68, 0.98, 1.40, 2.12, ppt. $3Fe_2O_3.2SO_3.xH_2O$; *c* = traces, pH 4.14, ppt. $2Fe_2O_3.SO_3.xH_2O$. (9) $ZnSO_4 + ZnO + H_2O$, in the presence, at each dilu., of a const. 2 g. Fe^{++}/l., *c* (Zn) 178.6, 65.8, 31.9, 7.0, pH 5.28, 5.71, 5.99, 6.34, ppt. $3ZnO.ZnSO_4.xH_2O$, i.e. there is no pptn. of Fe, except for traces at very high dilns. of $ZnSO_4$, at pH approaching 7. In contrast thereto, Cu is pptd. in $ZnSO_4$ solns. even at high concns. and relatively low pH; thus, with an initial Cu 1 g. /l., at *c* (Zn) 185.2, 106.8, 83.0, 16.6, *c*(Cu) 0.38, 0.17, 0.083, traces, pH 5.20, 5.55, 5.80, 6.18, ppt. $3ZnO.ZnSO_4.xH_2O$ + $2CuO.CuSO_4.xH_2O$. (10) The pH ranges of pptn. of the hydroxides are: Fe^{III} less than 3.0, Al 3.20–4.43, Cu 3.80–6.08, Zn 6.25–7.30, Cd 5.66–8.00, Fe^{II} 6.46–8.80, Co 6.60–8.80, Mn^{II} not less than 8.60. (11) At the

A58-51A METALLURGICAL LITERATURE CLASSIFICATION



[illegible]DEVA, [illegible]; [illegible], B.[illegible].

St[illegible]dying the [illegible] extraction by [illegible] [illegible]
in the presence of aluminum [illegible]. Trudy [illegible] [illegible].
(MIRA [illegible])

MEDVEDEVA, L.; STAROBINA, T.M.; GROMOV, B.V.

Studying the U^{6+} extraction by the tri-n-octylamine solution in the presence of Fe^{2+} and Mn^{2+} ions. Trudy MKhTI no.47:145-150 '64. (MIRA 18:3)

[illegible], V. [illegible]; [illegible], [illegible]; [illegible]

Studying the behavior of [illegible] in [illegible] the extraction of uranyl sulfate by [illegible] amine. [illegible] no.47:151-152 '62. [illegible]

GROMOV, B.V.

Flagellation of Soliberia stellata Arist et Parink. Vest. LGU 19 no.21:148-150 '64 (MIRA 18:1)

[illegible]AROV, A.S.; SERGIYEVSKIY, V.V.; [illegible]

Interaction of $U(SO_4)_2 \cdot 4H_2O$ with sulfate and bisulfate of tri-n-octylamine. Zhur. neorg. khim. 10 no.6:1[illegible]-1501 Je '65. (MIRA [illegible])

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva, kafedra tekhnologii radioaktivnykh i redkikh elementov.

GROMOV, B.V.; AVILOV, I.A.

Quantitative classification of algae of the genus Chlorella.
Vest. LGU 20 no.9:118-123 '65. (MIRA 18:6)

ACC NR: AT7001784 SOURCE CODE: UR/3119/66/000/004/0053/0055

AUTHOR: Gromov, B. V.; Bespalova, T. N.

ORG: Institute of Physical Chemistry AN SSSR (Institut fizicheskoy khimii AN SSSR)

TITLE: Influence of soft beta radiation on the kinetics of dissolution of radioactive strontium sulfate crystals

SOURCE: AN LatSSR. Institut fiziki. Radiatsionnaya fizika, no. 4, 1966. Ionnyye kristally (Ionic crystals), 53-55

TOPIC TAGS: strontium compound, sulfate, radioactivity effect, beta radiation, aqueous solution, solution kinetics, radiation damage, crystal lattice defect

ABSTRACT: The main purpose of the investigation was to analyze the influence of internally produced radiation on the structure-sensitive properties of crystals. The tests were made on $SrSO_4$ with specific activity 0, 0.8, 10, and 50 microcurie/g (in terms of S^{35}), dissolved in distilled water. The concentration of the dissolved salt was determined by two independent methods -- radiometry and electric conductivity. The results showed that introduction of S^{35} in the $SrSO_4$ changes the rate of dissolution of the salt. At first the dissolution rate increases rapidly with increasing activity, up to about 10 microcurie/g, after which it increases. The latter increase is due to the radioactive changes occurring in the crystal. The results are similar

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ACC NR: AT7001784

to those observed in other salts. They can be explained by assuming that the rate of the dissolution is affected not only by damage to the crystal lattice, which contributes a more rapid dissolution, but also by some process which delays the dissolution. One such factor may be the decrease in the number of crystal-lattice defects, and another may be the charging of the surface of the $SrSO_4$ as a result of the continuous beta decay of the S^{35}. It is thus concluded that the total number of defects due to self-irradiation does not remain constant in the solid, and this affects the variation in the rate of dissolution. The results also show that radiation-chemical changes in the solution does not influence the rate of dissolution of precipitates of $SrSO_4$. Orig. art. has: 1 figure.

SUB CODE: 20/ 18/ SUBM DATE: 00/ ORIG REF: 010

Card 2/2

GROMOV, B.Ya.

EXCERPTA MEDICA Sec.5 Vol.9/10 Gen.Pathology Oct 56

3041. GROMOFF B. Ya. Milit. Hosp., Odessa. *The morphological changes in the kidney after a contusion by air blast (experimental study (Russian text) VESTN. KHIR. 1955, 11 (107-115) Tables 1 Illus. 5

During the war contusions caused by air blasts made it possible to observe various lesions, more particular of the kidneys. Experiments on rabbits proved that a contusion due to an explosive wave causes in the kidneys: venous hyperaemia, anaemic infarctions, haemorrhages and ruptures within the renal parenchyma. Microscopical examination in addition demonstrated the presence of albumin and red blood cells in Bowman's capsule, tubular casts, epithelial necrosis of the tubules, and sometimes fragmentation of the vascular internal elastic membrane. Air blast contusions are especially characterized by a diffuse distribution of the lesions. After recovery there are no serious functional disorders.

Tverdy - Antwerp

GROMOV,B.Ya., kandidat meditsinskikh nauk

Peculiarities of kidney function in air contusion; experimental research. Urologiia 21 no.1:11-17 Ja-Mr '56. (MLRA 9:12)

1. Iz kafedry 1-y fakul'tetskoy khirurgii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova (nach. - prof. V.N.Shamov: nauchnyy rukovoditel' - voyennogo gospitalya (nach. A.G.Bel'tyukov)

(WOUNDS AND INJURIES
air trauma, eff. on kidney funct., esper. study)
(CONTUSIONS
same)
(KIDNEYS, physiol.
funct., eff. of air contusion in exper. study)

GROMOV, B.Ya., kand.med.nauk

Surgical treatment of varicose veins of the spermatic cord. Vest.khir. no.5:76-77 '62. (MIRA 15:11)

1. Iz Odesskogo okruzhnogo voyennogo gospitalya. Vest.khir. no.5:76-77 '62. (MIRA 15:11)

(VARICOCELE)

GROMOV, D.I.

Computing on the electronic calculating machine the dynamic loads in the transmission of wheel tractors during starting. Dokl. AN BSSR 6 no.1:31-34 Ja '62. (MIRA 15:2)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR. Predstavleno akademikom AN BSSR V.I.Krylovym.
(Tractors--Transmission devices)

GROMOV, D.I., inzh.

Use of an electronic computer for calculating dynamic loads of the transmission systems of tractors. Mekh. i elek. sots. sel'khoz. 20 no.3:25-28 '62. (MIRA 15:7)

1. Institut matematiki i vychislitel'noy tekhniki Akademii nauk BSSR.

(Tractors--Transmission devices)
(Electronic calculating machines)

GROMOV, D.I., inzh.

Investigating the loads originated in the transmission of tractors during starting. Trakt. i sel'khozmash. 33 no.2:8-11 F '63. (MIRA 16:3)

1. Vychislitel'nyy tsentr AN Belorusskoy SSR.
(Tractors—Transmission devices)

GRABENYUK, V.A.; USTOVALOV, A.I.; YEGOFIYEV, I.Ye.; KARABACH, T.L.; TURGAMBAYEV, B.M.; KOSYAKOV, F.Ye.; YERMOLAYEV, A.G.; FOMENKO, V.D.; YEGOROCHKIN, A.A.; GROMOV, D.I.; ZHUYKO, Yu.F.; PANOV, S.A.;

[Twenty-second Congress of the Communist Party of the Soviet Union Mine] Rudnik imeni XXII s"yezda KPSS. Moskva, Nedra, 1964. 87 p. (MIRA 17:10)

1. Russia (1917- R.S.F.S.R.) Vostochno-Kazakhstanskiy ekonomicheskiy rayon. Zyr'yanovskiy svintsovyy kombinat.

GROMOV, E.A.

[The nervous system and health; popular scientific essay.]
Nervnaia sistema i zdorov'e; nauchno-populiarnyi ocherk.
Moskva, Medgiz, 1955. 129 p. (MLRA 9:1)
(NERVOUS SYSTEM)

L 46055-66 EEC(k)-2/EWT(d)/FSS-2 WS-2/GD

ACC NR: AT6022342 SOURCE CODE: UR/0000/66/000/000/0036/0039

AUTHOR: Gromov, F. A.

ORG: None

TITLE: A method for increasing the speed of transmitting discrete information based on beam selection by polarization state

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya teorii i tekhniki peredachi diskretnykh signalov. Doklady. Moscow, 1966, 36-39

TOPIC TAGS: polarized signal, elliptic ~~circular~~ polarization, data transmission, radio wave propagation

ABSTRACT: The author discusses the polarization method for differentiation of radio beams on the basis of the difference in polarization due to differences in conditions of propagation. The case of arrival of two beams at the reception point with given states of polarization is considered. A formula is given for the propagation ratio between the first and second beam and the receiving antenna in terms of the angle of inclination of the polarization ellipse and the coefficient of ellipticity. It is shown that when there are two beams at the reception point with polarization states P_1 and P_2, the first beam may be differentiated by using an antenna with polarization state P_2 and vice versa. In this case, the energy propagation ratio will be a maxi-

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ACC NR: AT6022342

mum for conjugate polarization ellipses and zero for identical polarization ellipses. It is shown that most extraordinary waves have close to circular polarization where they enter and leave the ionosphere, but with opposite directions of rotation. Thus when the transmitter radiates waves with elliptical polarization, each of the beams at the reception point consists of two magneto-ionic components which are approximately circularly polarized but with opposite directions of rotation. However, the direction of rotation for the polarization vectors at the reception point will differ for each beam due to the effect of changes in the direction of rotation of the polarization vector for the circularly polarized wave during reflection from the surface of the earth, and since these characteristics are inherent in the propagation of SW waves, polarization selection may be used in this range. Orig. art. has: 7 formulas.

SUB CODE: 09/17/ SUBM DATE: 09Apr66

Card 2/2 gd

GROMOV, F.V., insh.

New narrow-gauge DM-2 locomotive. Torf.prom. 37 no.2:9-10 '60. (MIRA 13:6)

1. Belgiprotorf.
(Diesel locomotives)

GROMOV, G., inzh.

Mechanization of operations at fuel dumps. Zhel.dor.transp. 36 no.3:82-83 Mr '55. (MIRA 12:5)

1. Zamestitel' nachal'nika toplivno-tekhnicheskogo otdela sluzhby lokomotivnogo khozyaystva Moskovsko-Ryazanskoy dorogi.
(Railroads--Fuel)
(Loading and unloading)

AZHELEV, V.V.; GROMOV, G.D.; LAGUNOV, I.I.

Repeated spawning of the salmon Salmo salar L. Trudy Kar.fil. AN SSSR no.5:131-140 '56. (MLRA 10:7)

1. Polyarnyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.
(Salmon)

YUROVSKIY, Yakov Iosifovich, dots.; MAL'TSEV, Aleksey Ivanovich; SOLDATKIN[illegible] Valentina Dmitriyevna; GROMOV, Gennadiy Il'ich; SILAYEV[illegible], L'bina; SHULEYKIN, Aleksandr Sergeyevich;

[Agricultural mapping of a demonstration farm] Sel'skokhozyaistvennoe kartografirovanie oporno-pokazatel'nogo khozyaistva. Moskva, Gosgeoltekhizdat, 1963. 37 p. (MIRA 17:6)

YUKOVSKIY, Ya.I.; MAL'TSEV, A.I.; [illegible], V.D.; [illegible], G.I.; SILAYEVA, A.S.; SHULEYKIN, A.S.; [illegible], V.V.; YUKOVSKIY, Ya.I., red.

[Agricultural mapping of the area of a collective and state farm agricultural administration (an administrative region)] Sel'skokhozyaistvennoe kartografirovanie territorii proizvodstvennogo kolkhozno-sovkhoznogo upravleniia (Administrativnogo raiona). Moskva, Nedra, 1966. 46 p. (MIRA 19:1)

GROMOV, G.N., inzh.

Choice of conditions for efficient control of an electric train.
Elek. i tepl. tiaga 4 no. 12:33-35 D '60. (MIRA 14:1)
(Electric railroads--Trains)

VORONOV, Nikolay Mikhaylovich; BLIDCHENKO, Ignatiy Fedorovich; GONCHAROV, Viktor Mikhaylovich; LOBANOV, Vasiliy Vasil'yevich; MERKUR'YEV, Gennadiy Dmitriyevich; BLAGOVIDOV, I.F., kand. tekhn. nauk, retsenzent; GROMOV, G.N., inzh., retsenzent; EMINOV, Ye.A., inzh., retsenzent; LOSIKOV, B.V., prof., red.; SOBAKIN, V.V., inzh., retsenzent; MEDVEDEVA, M.A., tekhn. red.

[Fuel oil and lubricating materials in railroad transportation] Neftianoe toplivo i smazochnye materialy na zheleznodorozhnom transporte; spravochnik. [By] N.M.Voronov i dr. Moskva, Transzheldorizdat, 1962. 322p. (MIRA 15:9)
(Railroads--Fuel) (Railroads--Lubrication)
(Petroleum products)

GROMOV, G.N.

[redacted]

The work of railroad engineers should be respected. Elek. i tepl. tiaga 7 no.3:24 Mr '63. (MIRA 16:6)

1. Nachal'nik otdela ekspluatatsii lokomotivov upravleniya Moskovskoy dorogi.
(Locomotive engineers)
(Railroads—Employees)

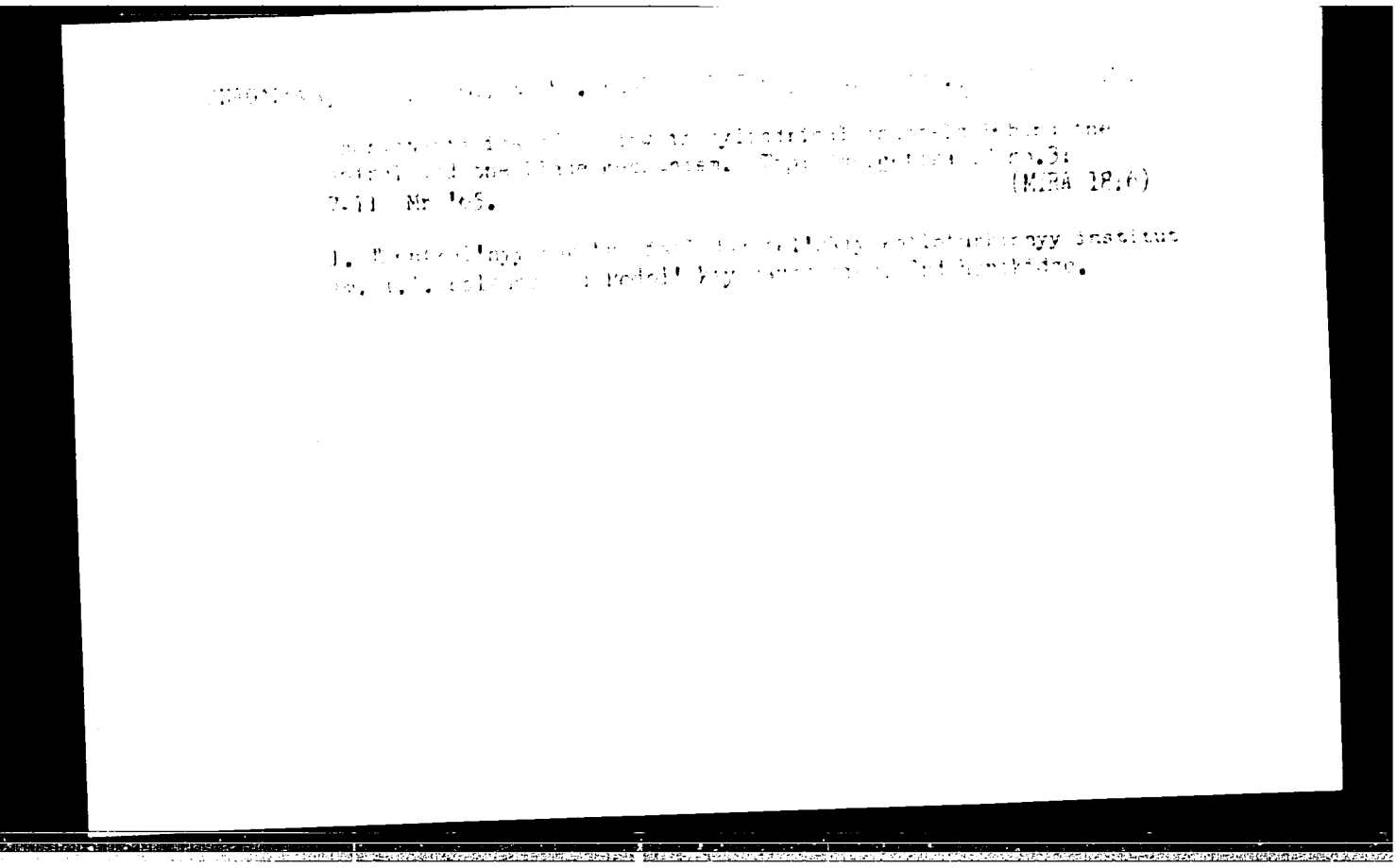
[redacted]

[redacted]

[redacted]

IVANOV, A.G., inzh.; OKERBLOM, Yu.I., inzh.; USHAKOV, S.G., inzh.; GROMOV, G.V., inzh.

Results of the studies of a turbulent ZIO burner with a radial twisting apparatus and regulated twist of the flow. Energomashinostroenie 9 no.9:8-11 S '63. (MIRA 16:10)



L 57502-65 EWT(l)/EWP(m)/EWA(d)/FCS(k)/EWA(l) Pd-l
ACCESSION NR: AP5013999 UR/0096/65/000/006/0027/0032
683.87.001.5

AUTHORS: Shagalova, S. L. (Candidate of technical sciences); Shnitser, I. N. (Engineer); Gromov, G. V. (Engineer)

TITLE: Investigation of the aerodynamic flow characteristics produced by a burner with vane deflectors

SOURCE: Teploenergetika, no. 6, 1965, 27-32

TOPIC TAGS: powdered fuel, fuel burner, fuel injector, furnace burner/ UT 11 2 burner

ABSTRACT: The experiments with powdered fuel burner UT-11-2 (capacity 5 t/hr, used on boilers with capacity 640 t/hr) presented previously by S. L. Shagalova, I. N. Shnitser, and G. V. Gromov ("Teploenergetika" No. 3, 1965) were continued by determining the aerodynamic characteristics of the flow in a 1:4 scale model (see Fig. 1 on the Enclosure). Flow irregularity, change of velocity along the flame axis, swirl in the flow, angle enclosed by flame, size of recirculating regions, and amount of recirculation were measured. A comparison with other types of burners was also performed. It was found that in the range of speeds w_2/w_1 from 1.0 to 1.8 with

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ACCESSION NR: AP5013999

with w_1 = 20 m/sec the flame had a compact flow character with substantial discharge in the center region; the length of the recirculation zone was 2.0-2.5 d (d = outside diameter of pot); angle enclosing flame was below 40-44°. At lower w_2/w_1 the angle increased but the flow irregularity (ratio between maximum and minimum velocity at a point and the average calculated flow velocity) was also increased. Maximum dimensionless axial velocities decreased with increasing w_2/w_1 for $x/d < 2-2.5$, but were independent of w_2/w_1 for $x/d > 2.5$. All parameters depended on whether the torch was operating with or without flow separation between the primary and secondary air supply. With flow separation, the length of the torch increased with a decrease in swirl. To control the position of the flame core, it was found advisable to change the distance between the primary and secondary air supplies. Comparison with other burners showed that the velocity change and length of flame penetration of the UT-11-2 are comparable to that of round double-helix burners, but that flame penetration is much lower than for ZiO burners with radial vanes. Most recirculation occurred in sections $\approx$ 0.5 d from the throat and comprised 9-10% of the total flow. Mixing of primary and secondary air supplies was found to be much better with separation between the flows than without. Since UT-11-2 offers comparable performance to double-helix burners (with a much lower hydraulic loss coefficient), these burners are recommended for industrial use. Orig. art. has:

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L 57502-65
ACCESSION NR: AP5013999

2

7 figures, 2 tables, and 3 formulas.

ASSOCIATION: TsKTI; ZiO

SUBMITTED: 00 ENCL: 01 SUB CODE: PR, ME

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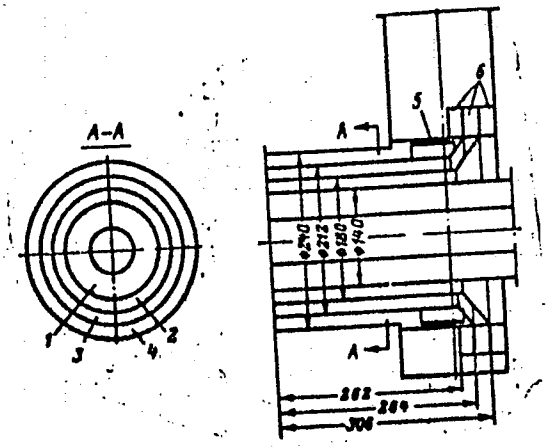

Fig. 1. Location of cylindrical channels in burner UT-11-2: 1- primary channel; 2, 3, 4- inner, intermediate, and outer secondary channels respectively; 5- cylindrical throttle; 6- three-section vane assembly

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GROMOV, I.A., inzh.

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(Leningrad--Shipbuilding)

GROMOV, I.A.

Catch of Aristichthys nobilis Richardson in the middle course of the Amur River. Zool. zhur. 42 no.1:147 '63. (MIRA 16:5)

1. Laboratory of Fresh Water Fishes, Amur Section of the Pacific Research Institut of Fishery Management and Oceanography, Khabarovsk.

(Amur River—Aristichthys)

GROMOV, I. G., Engineer--PERSHNY ANKO, A Ye., Engineer

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Stanki I Instrument, 17, No. 6, 1946

Br-52059019

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051702(

ANAN'YEV, S.L., prof., obshchiy red.; KURPOVICH, V.P., kand.tekhn.nauk, obshchiy red.; GROMOV, I.G., nauchnyy red.; ROMANOV, Ya.N., red.; SEMENOVA, Ye.P., tekhn.red.

[Workability of structures] Tekhnologichnost' konstruktsii. (MIRA 12:8)
Moskva, Dom tekhniki, 1959. 452 p.
(Machinery--Design and construction)

2769 Gronzy, I. K.

Rezhim ekonomie - vazhneyshiy rychag razvitiya sotsialisticheskoy promyshlennosti SSSR. M., 1954. 16 s. 22 sm. (Akad obshchestv. Nauk pri TsK KPSS. Kafedra politekonomii) 220 ekz. B. Ts. - (54-58860)

RUBTSOV, Ivan Antonovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; BORISOV, K.A., red.izd.; SMIRNOVA, A.V., tekhn.red.

[Concise classification key of the bloodsucking black flies of the U.S.S.R.] Kratkii opredelitel' krovososushchikh moshek fauny SSSR. Moskva, Izd-vo Akad.nauk SSSR, 1962. 227 p. (Opredeliteli po faune SSSR, no.77). (MIRA 15:8)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Black flies)

GROMOV, I.M.

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1. Nachal'nik stantsii Marganets Stalinskoy dorogi.
(Marganets--Railroads)

SVETOVIDOV, Anatoliy Nikolayevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.

[Fishes of the Black Sea.] Ryby Chernogo moria. Moskva, Izd-vo "Nauka," 1964. 550 p. (Opredelitoli po faune SSSR, no.86)

GROMOV, I. M. and PARFENOVA, N. M.

"New Materials on the Feeding of Filina (bubo bubo L.) in Semi-Arid Regions of Northern Pre-Caspian," Zool. zhur., 29, No.5, pp. 389-405, 1950

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GROMOV, I. M.

Gryzuny Fauny SSSR [Rodents of the USSR, by] B. S. Vinogradov i I. M. Gromov.
Moskva, Izd-vo Akademii Nauk SSSR, 1952.
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GROMOV I M

VERESHCHAGIN, N.K.; GROMOV, I.M.

History of vertebrate fauna in the region of the lower course of the Ural River. Trudy Zool.inst. 9 no.4:1226-1269 '52.(MLRA 7:11)
(Ural Valley--Paleontology) (Paleontology--Ural Valley)

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
[illegible], I. S.	"[illegible]"	[illegible] Institute, Academy of Sciences USSR
[illegible], I. I.		

SO: W-30604, 7 July 1954

VERESHCHAGIN, N.K.; GROMOV, I.M.

[Collection of remains of higher vertebrates of the Quaternary period] Sbor ostatkov vyshkikh pozvonochnykh chetvertichnogo perioda. Moskva, Izd-vo Akademii nauk SSSR, 1953. 36 p. (MLRA 6:5)
(Paleontology)

GROMOV, I.M.; YEGOROV, O.V.

Materials on the feeding habits and economic signifance of the eagle owl of the Pamirs and Kopet Dagh. Zool.zhur. 32 no.5:964-978 S-O '53.
(MLRA 6:10)

1. Zoologicheskiy institut Akademii nauk SSSR.
(Pamirs--Owls) (Owls--Pamirs) (Kopet Dagh--Owls) (Owls--Kopet Dagh)

VERESHCHAGIN, N.K., kandidat biologicheskikh nauk; GROMOV, I.M., kandidat biologicheskikh nauk.

Former fauna and flora of Stavropol'. Priroda 41 no.7:103-104 Jl '53. (MLRA 6:6)

1. Zoologicheskiy institut Akademii nauk SSSR.
(Stavropol'--Natural history)

GROMOV, I.M.; VOROB'EV, B.L.

Scrub vole (Pitymys [Microtus] majori Thos.) in the uplands of the western area of the Greater Caucasus. Trudy Zool.inst. no.17:135-159 '55. (MLRA 8:10)
(Caucasus--Field mice)

GROMOV, I.M.

Characteristics of accumulated bone remains in cave sites. Biul. Kom.chetv.per. no.20:88-92 '55. (MLRA 8:11)
(Paleontology)

VINOGRADOV,B.S.; GROMOV,I.M.; PAVLOVSKIY,Ye.N.,akad. IVANOV,A.I., redaktor; KRYZHANOVSKIY,O.L., redaktor; MONCHADSKIY,A.S., redaktor; STRELKOV,A.A., redaktor; KOZLOVA,G.I., redaktor; KRUGLIKOVA,N.A., tekhnicheskiy redaktor

[Concise guide to the rodents of the U.S.S.R.] Kratkii opredelitel' gryzunov fauny SSSR, Moskva, Izd-vo Akademii nauk SSSR, 1956. 118 p. (V pomoshch' rabotaiushchim po zoologii v pole i laboratorii, no.1) (MLRA 9:2)

1. Direktor Zoologicheskogo instituta AN SSSR, (for Pavlovskiy). (Rodentia)

GROMOV, I.M.

Some results and prospects for the study of fossil quaternay rodents of the U.S.S.R. Trudy Zool. inst. 22:90-99 '57. (MLRA 10:6)
(Rodentia, Fossil)

GROMOV, I.M.

Some features in the preservation rate of the bones of small mammals from river-channel alluvium as their geological age indices. Trudy Zool. inst. 22:100-111 '57. (MLRA 10:6)
(Rodentia, Fossil) (Bones)

GROMOV, I.M.

Upper quaternay rodents of the Samara Bend and conditions for the burying and accumulation of their remains. Trudy Zool. inst. 22: 112-150 '57. (MLRA 10:6)

(Samara Bend--Rodentia, Fossil)

GROMOV, I.M.

Upper Pleistocene rodents of the Kama-Kuybyshev area of the Volga Valley. Trudy Zool. inst. 22:151-191 '57. (MLRA 10:6)
(Volga Valley--Rodentia, Fossil)

GROMOV, I.M.

Materials on the history of the rodent fauna of the lower Ural Valley and the northern part of the Caspian Sea region. Trudy Zool. inst. 22: 192-245 '57. (MLRA 10:6)

(Ural Valley--Rodentia, Fossil)
(Caspian Sea region--Rodentia, Fossil)

GROMOV, I.M.

Fossil quaternary rodents in the northern part of the lower Don Valley and the adjacent area of the Volga-Don watershed. Trudy Zool. inst. 22:246-318 '57. (MLRA 10:6)

(Don Valley--Rodentia, Fossil)
(Volga Valley--Rodentia, Fossil)

AUTHOR: Gromov, I. M., Candidate of Biology SOV/30-59-6-32/43

TITLE: Planning and Coordination of Zoological Research (Planirovaniye i koordinatsiya zoologicheskikh issledovaniy) Transactions of the Conference in the Zoological Institute (Soveshchaniye v Zoologicheskom institute)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 6, pp. 129 - 130 (USSR)

ABSTRACT: This conference was attended by representatives of all main uchrezhdeniya (institutions) of the Otdeleniye biologicheskikh nauk Akademii nauk SSSR (Department of Biology AS USSR) which are engaged in research in these fields, of the majority of the branch establishments, of the Academies of Science of the Union Republics, of the universities in Leningrad and Moscow, of the Vsesoyuznyy nauchno-issledovatel'skiy institut ozernogo i rechnogo rybnogo khozyaystva (VNIORKh) (All Union Scientific Research Institute of Lake and River Fish Breeding), of the Institut mikrobiologii i epidemiologii Yugo-Vostoka SSSR (Institute of Microbiology and Epidemology of the South-East of the USSR). Professor Kh. Lindberg from

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Finland (Finlyandiya) also attended the conference. The work of the conference was performed in three stages. From March, 28 - 30, meetings of the coordination committee and of the Direction of the Zoological Institute with the representatives of the zoological institutions of the branch establishments were held. In these meetings plans for the research for the years from 1958 - 1960 were discussed. It was considered necessary to accelerate the establishment of an Institute of Zoology in Novosibirsk. It was recommended to widen the scope of the zoological work carried out in the Yakutsk branch in 1959. It was requested to convert the biologicheskiye otdely Dal'nevostochnogo filiala (Biological Departments of the Far East Branch.) into an institute of zoology and botany and above all to establish laboratories of parasitology and ecology and for faunal research (faunistika). In the second stage (from March, 31, to April, 2) reports and informations concerning the plans of research of the Zoological Institute and of a number of other institutes AS USSR were heard. Draft research plans were worked out for

Planning and Coordination of Zoological Research. S.V, [illegible]-6-32/43
Transactions of the Conference in the Zoological Institute

the individual institutes of the Academies of the Union Republics. It was suggested that the drafting of plans could be done in the coordination commission at the Zoological Institute AS USSR. The third stage of the conference (from April, 3 - 9) was distinguished by the presence of foreign scientists. It was requested to conduct joint research work in the Baltic Sea (Baltiyskoye more), during the next year, which is to proceed under the participation of scientists from the Scandinavian countries and from the German Federal Republic. The conference approved of the proposal to draft a uniform plan for zoological research in the USSR and in the Peoples' Republics for 1959. At the end of the conference the participants appealed to all zoological institutions of the USSR and of the Peoples' Republics to assist the National Museum in Budapest (Budapesht) with material for the collections and with literature, as this museum suffered heavy losses during the revolution in the autumn of 1956.

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GROMOV, I.M.

Study of fossil mammals in the Hungarian People's Republic.
Paleont. zhur. no.1:141-143 '59. (MIRA 13:1)
(Hungary--Paleontological research)

GROMOV, I.M.

Some problems in subspecific systematics of fossil rodents of the late Quaternary period. Zool.zhur. 38 no.10:1583-1597 O '59. (MIRA 13:2)

1. Zoological Institute of the Academy of Sciences of the U.S.S.R., Leningrad.
(Rodentia, Fossil)

GROMOV, I. M. (USSR)

"Some peculiarities of the restoration method of the history formation of the rodent fauna in Anthropogene (in Russia)"

report presented at the Intl. Symposium on Methods of Theriological Investigation. Brno, Czech., 4Sept. 1960

GROMOV, Igor' Mikhaylovich; GROMOV, V.I., otv. red.; NIKITINA, O.G., red. izd-va; NOVICHKOVA, N.D., tekhn.red.

[Fossil upper Quaternary rodents in the Crimean foothills] Iskopaemye verkhnechetvertichnye gryzuny predgornogo Kryma. Moskva, Izd-vo Akad.nauk SSSR, 1961. 188 p. (Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy, vol. 17). (MIRA 14:4)

(Crimea—Rodentia, Fossil)

GROMOV, I.M.

Quaternary susliks of the western Palearctic. Report No.1: Large susliks of the subgenus Colobotis Brandt. Trudy Zool. inst. 29:22-80 '61. (MIRA 14:6)

(Susliks, Fossil)

GROMOV, I.M.; SHEVCHENKO, A.I.

Jerboas (Rodentia, Dipodidae) from Kuyal'nitskiy deposits of the southern Ukraine. Dokl. AN SSSR 139 no.4:976-979 Ag '61. (MIRA 14:7)

1. Zoologicheskiy institut AN SSSR i Institut geologicheskikh nauk AN USSR. Predstavleno akademikom Ye.N. Pavlovskim.
(Odessa region--Jerboas, Fossil)

GUR'YANOVA, Yevpraksiya Fedorovna; PAVLOVSKIY, Ye.N., akademik, glav. red. STHELKOV, A.A., prof., red. izdaniya; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A.; VEL'YATAGO, N.A., red. izd-va; KONDRAT'YEVA, M.N., tekhn. red.

[Amphipods of the northern part of the Pacific Ocean (Amphipoda-Gammaridea). Part 1] Bokoplavy severnoi chasti Tikhogo okeana (Amphipoda-Gammaridea); chast' 1. Moskva, Izd-vo Akad.nauk SSSR, 1962. 440 p. (Opredeliteli po fauno SSSR, no.74.) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta Akademii nauk SSSR (for Pavlovskiy).

(Pacific Ocean--Gammaridae)

KLYUGE, German Avgustovich [deceased]; PAVLOVSKIY, Ye.N., akademik, glav. red.; STRELKOV, A.A., prof., red. toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red.izd-va; VINOGRADOVA, N.V., tekhn. red.

[Bryozoa of the northern seas of the U. S. S. R.] Mshanki severnykh morei SSSR] Moskva, Izd-vo Akad.nauk SSSR, 1962. 584 p. (Opredeliteli po faune SSSR, no.76.) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta Akademii nauk SSSR (for Pavlovskiy).

(Arctic regions--Polyzoa)

GROMOV, I.M. [Hromov, I.M.]; SHEVCHENKO, A.I.

A new jerboa species (Rodentia, Dipodidae) from Kuyal'nitskiy deposits of the southern Ukraine. Dop. AN URSR no.1:108-110 '62. (MIRA 15:2)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom AN USSR V.G. Bondarchukom [Bondarchuk, V.H.].
(Kryzhanovka Region—Jerboas, Fossil)

CHEKANOVSKAYA, Ol'ga Vitol'dovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red; SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red.izd-va; SMIRNOVA, A.V., techn.red.

[Aquatic oligochaeta worms of the fauna of the U.S.S.R.] Vodnye maloshchetinkovye chervi fauny SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 411 p. (Opredeliteli po faune SSSR, no.78). (MIRA 15:11)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).

(Oligochaeta)

KOZLOVA, Yelizaveta Vladimirovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; [redacted], A.I., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV, A.A., red.; SHTAKEL'BERG, A.A., red.; KOZLOVA, G.I., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Charadriiformes; the suborder of shore birds] Rzhankoobraznye; Podotriad kuliki. Moskva, Izd-vo Akad.nauk SSSR. Vol.2, no.1. [Birds] Ptitsy. 1962. 432 p. (Fauna SSSR, no.81) (MIRA 15:6)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Shore birds)

TOMILIN, Avenir Grigor'yevich, prof.; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; CHAPSKIY, K.K., red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV, A.A., red.; SHTAKEL'BERG, A.A., red.; MAKAROV, B.M., red.izd-va; ROMANOV, G.M., tekhn.red.; NOVICHKOVA, N.D., tekhn.red.

[Cetaceans of the seas of the U.S.S.R.] Kitoobraznye fauny morei SSSR. Moskva, Izd-vo Akad.nauk SSSR, 1962. 211 p. (Opredeliteli po faune SSSR, no.79). (MIRA 15:8)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Cetacea)

GRUNIN, Konstantin Yakovlevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; SHTAKEL'BERG, A.A., prof., red.; BYKHOVSKIY, B.Ye., red; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV, A.A., red.; MAKOVSKAYA, L.M., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Warble flies (Hypodermatidae)] Podkozhnye ovoda (Hypodermatidae). Moskva, Izd-vo Akad.nauk SSSR, 1962. 237 p. (Fauna SSSR, Ser. 82 no. Nasekomye dvukrylye, vol.19, no.4). (MIRA 16:4)
(Warble flies)

LIKHAREV, Il'ya Mikhaylovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; ZENDEL', M.Ye., tekhn.red.

[Molluska Clausiliidae] Klauziliidy (Clausiliidae). Moskva, Izd-vo Akad.nauk SSSR, 1962. 317 p. (Fauna SSSR, No.83. Molliuski, vol.3, no.4) (MIRA 16:2)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy). (Clausiliidae)

GROMOV, I.M.; GUREYEV, A.A.; NOVIKOV, G.A.; SOKOLOV, I.I.; STRELKOV, P.P.; CHAPSKIY, K.K.; PAVLOVSKIY, Ye.N., akademik, glav. red.; BYKHOVSKIY, B.Ye., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; SMIRNOVA, N.V., red.; SMIRNOVA, A.V., tekhn. red.

[Mammals of the U.S.S.R.] Mlekopitaiushchie fauny SSSR. Sost. I.M.Gromov i dr. Moskva, Izd-vo AN SSSR. Pts.1-2. 1963. (MIRA 16:9)

1. Akademiya nauk SSSR. Zoologicheskiy institut.
(Mammals)

GOLIKOV, Aleksandr Nikolayevich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; KONDRAT'YEVA, M.N., tekhn.red.

[Gastropods of the genus Neptunea Bolten] Briukhonogie molliuski roda Neptunea Bolten. Moskva, Izd-vo Akad. nauk SSSR, 1963. 217 p. (Fauna SSSR, no.85. Molliuski, vol. 5, no.1). (MIRA 16:5)
(Gastropoda)

SHTEYNBERG, Dmitriy Maksimilianovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHALSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; MAKOVSKAYA, L.M., red.izd-va; BOCHEVER, V.T., tkehn.red.

[Hymenoptera: family Scoliidae] Sem.skolii (Scoliidae). (Moskva, Izd-vo Akad.nauk SSSR, 1962. 185 p. (Fauna SSSR, no.84. Nasekomye pereponchatokrylye, vol. 13). (MIRA 16:2)
(Scoliidae)

GUREYEV, Aleksey Aleksandrovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; VEL'YATAGO, N.A., red.izd-va; ZAMARAYEVA, R.A., tekhn.red.

[Lagomorpha] Zaitseobraznye (Lagomorpha). Moskva, Izd-vo "Nauka," 1964. 275 p. (Fauna SSSR. Ser.87 Mlekopitaiushchie, vol.3, no.10). (MIRA 17:3)

MANUYLOVA, Yelizaveta Fedorovna; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red. toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.

[Cladocera of the U.S.S.R.] Vetvistousye rachki (Cladocera) fauny SSSR. Moskva, Nauka, 1964. 326p. (Opredeliteli po faune SSSR, no.88). (MIRA 17:12)

IVANOV, Aleksandr Ivanovich.; SHTEGMAN, Boris Karlovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A., red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.

[A concise guide to the birds of the U.S.S.R.]. Kratkii opredelitel' ptits SSSR. Moskva, Nauka, 1964. 527 p. (Opredeliteli po faune, no.85). (MIRA 17:10)

BOBRINSKIY, Nikolay Alekseyevich; KUZNETSOV, Boris Aleksandrovich; KUZYAKIN, Aleksandr Petrovich, prof.; NATALI, V.F., doktor biol. nauk, retsenzent; SOKOLOV, I.I., doktor biol. nauk, retsenzent; CHAPSKIY, K.K., doktor biol. nauk, retsenzent; GROMOV, I.M., kand. biol. nauk, retsenzent; KHUNTSKARIYA, Ye.N., red.

[Guide to the mammals of the U.S.S.R.; a manual for students of pedagogical institutes and teachers] Opredelitel' mlekopitaiushchikh SSSR; posobie dlia studentov pedagogicheskikh institutov i uchitelei. Izd.2., ispr. i dop. Moskva, Prosveshchenie, 1965. 381 p. (MIRA 18:5)

ZAGULYAYEV, A.K.; PAVLOVSKIY, Ye.N., akademik, otv. red.[deceased];
BYKHOVSKIY, B.Ye., akademik, red.; GROMOV, I.M., red.;
MOCHADSKIY, A.S., red.; SKARLATO, O.A., red.; STRELKOV,
A.A., prof., red.; SHTAKEL'BERG, A.A., red.

[Moths and pyralids attacking grain and foodstuffs] Moli
i ognevki - vrediteli zerna i prodovol'stvennykh zapasov.
Moskva, Nauka, 1965. 270 p. (MIRA 19:1)

NAUMOV, Donat Vladimirovich; PAVLOVSKIY, Ye.N., akademik, glavnyy red.; STRELKOV, A.A.,red.; BYKHOVSKIY, B.Ye., red.; GROMOV, I.N., red.; MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A.; ZAMARAYEVA, R.A., tekhn.red.

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(Scyphomedusae)

GROMOV, I.S.

USSR/ Engineering Ceramic production

Card 1/1 Pub. 104 - 5/12

Authors : Gromov, I. S., and Dikerman, N. I.

Title : Manufacturing decorative majolica earthenware

Periodical : Stek. i ker. 1, 11 - 14, Jan 1955

Abstract : New methods of manufacturing decorative majolica earthenware at the Bulganin Ceramic-Tile Factory in Moscow are described, and technical data is given on the manufacturing procedures and the chemical composition of various clays. Table; illustrations.

Institution: .....

Submitted: .....

1. GROMOV, Feldsher I. V.

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7. Therapy of osteo-articular tuberculosis. Prof. A. Z. Gorkin. Reviewed by Feldsher. I. V. Gromov. Fel'd. i akush. No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SHESTOPALOV, P.I., inzh.; FOMIN, V.P., inzh.; FILATOVA, G.F., inzh.; GROMOV, I.V., nauchn.sotr.; STEPANOVA, I.N., red.

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(Beta-ray spectrometer)

BAKHMAT, A.; BELOGUROV, V.; GROMOV, K.; ZHELEV, Zh.; PELEKIS, L.

Study of the γ-ray spectrum of Eu^{148}. Izv. AN SSSR. Ser. fiz. 26 no.2:217-220 F '62. (MIRA 15:2)

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(Gamma rays)

GROMOV, K.; DZHELEPOV, B.

γ-Ray spectrum Cs^{134}. Dokl. Akad. Nauk SSSR 85, No. ?, 299-300 '52. (MLRA 5:8)
(PA 56 no. 671:7889 '53)

Radium Inst., AS USSR

Give results of investigations of spectrum of gamma rays of cesium with the help of the gammaspectrometer (the so-called "riton") of the Radium Inst., which was decsribed by Dzhelipov and M. Orbeli in 1948 (Dokl. AN SSSR No.62, p. 1615). On this spectrometer magnetic analysis is conducted with 0.149 of cesium carbonate in a thin cellophane film, from which electrons are knocked out by gamma rays. Acknowledge assistance of N. N. Zhukovskiy, Yu. V. Khol'nik, and A. Silant'yev. Presented by Acad P. I. Lukirskiy 14 May 52.

252T89

GROMOV, K.

USSR.

539.166

3812. γ-Radiation of Sb^{124}. K. Gromov, B. Dzhelepov, N. Zhukovskii, A. Silant'ev and Yu. Khol'nov. *Dokl. Akad. Nauk SSSR*, 86, *No.* 2, 255-8 (1952) *In Russian.*

Using a Compton electron γ-spectrometer 8 lines were found at 597, 711, 958, 1052, 1347, 1691, 2070 keV with rel. intensities 1·54, 0·19, 0·066, 0·044, 0·17, 1·00, 0·10. A level scheme can be constructed for Te^{124} consistent both with the β^--spectrum of Sb^{124} and the β^+-spectrum of I^{124} (Kern, *et al.*, 1948).

W. J. SWIATECKI

GROMOV, K.I., inzh.-tekhnolog

Use the building up method with vibratory arc welding for the repair of machine parts. Put' i put. khoz. 5 no.3:24-25 Mr '61. (MIRA 14:3)

1. Proyektno-konstruktorskoye byuro Glavnogo upravleniya puti i sooruzheniy.
(Railroads--Maintenance and repair) (Electric welding)

GROMOV, K. Ya., Cand Phys-Math Sci -- (diss) "Conversion Electrons of Neutron-Deficient Isotopes of Lutetium and Thulium." Len, 1957. 13 pp with drawings (Radium Inst im V. G. Khlopin, Acad Sci USSR), 100 copies (KL, 50-57, 117)

GROMOV, K. YA

48-7-4/21

AUTHORS: Gromov, K.Ya., Dzhelepov, B.S., Preobrazhenskiy, B.K.

TITLE: The Spectra of Conversion Electrons of the Neutron Deficient Thulium Isotopes (Spektry konversionnykh elektronov neytrono-defitsitnykh izotopov tuliya)

PERIODICAL: Izvestiya Akad. Nauk SSSR, Ser. Fiz., 1957, Vol. 21, Nr 7, pp. 918 - 939 (USSR)

ABSTRACT: After irradiation of the tantalum target with rapid protons the rare-earth elements were, by chemical process, separated from it and thereafter, chromatographically, the thulium fractions. The spectrum of the conversion electrons was investigated by means of a "ketron", which process is described in detail. As a result four lines were discovered which are represented on figure 1 and the values are given in table 2. Table 1 shows the values of the Siborg (Seaborg?) tables on neutron deficient thulium isotopes. Figure 2 gives the conversion lines b, c and d of Tu^{168} and table 3 gives the relative intensities of the conversion transtion lines $h\nu$ = 79,8 keV. Figure 3 records the possible scheme of the decay of Tu^{168}. Figure 5 shows the curves of the D group of the conversion electrons of Tu^{167} and table 4

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