

MAZDOYAN, N. K.

Mineralog. Zhurn., Acad. Sci. U.S.S.R., Moscow, 1957, No. 1, 25-31.
Abst. Ann. N.Y. Acad. Sci., Ser. Geol., 1957, No. 1, 25-31.
A description of the intersection of the ore body by a dike
of diabase porphyrite in a large polymetallic deposit.
Proceeding from new detailed observations, M. demonstrates
the intramarginal character of this dike. A chem. analy-
sis of sphalerite is given. Gladys B. Macy

W. Long

S

MOZGOVA, M.N.

Hisingerite and stilpnomelane from the upper Tetyukhe skarn-complex metal deposit. Min.sbor. no.11:273-287 '57.
(MIRA 13:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.
(Tetyukhe Valley--Hisingerite)
(Tetyukhe Valley--Stilpnomelane)

MOZGOVA, N. N., Cand of Geol-Min Sci — (diss) "Mineralogy of Skarn-polymetallic Deposits of Verkhniy Rudnik in Tetyukha Rayon," Moscow, 1959, 19 pp (Institute of the Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Academy of Sciences USSR)
(KL, 4-60, 116)

MOZGOVA, N.H.

Replacement of sulfides by later carbonates and quartz in
the "Verchniy Rudnik" deposit (Tetyukhe). Geol.rud.nestorezh.
no.1:103-106 Ja-F '59. (MIRA 12:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR.
(Tetyukhe Valley--Mineralogy)

MOZGOVA, N.H.; PAVLOV, D.I.

Peculiar calcite crystals from the Verkhniy Rudnik deposit,
Tetyukhe Valley. Izv. Akad. SSSR. Ser. geol. 25 no. 1:105-107 Ja
'60. (MIRA 13:8)
(Tetyukhe Valley--Calcite crystals)

MOZGOVA, N.N.; CHETVERIKOV, S.D.

Dannemorite from the Tetyukhe deposit. Trudy Min.muz. no.10:154-163
'59. (MIRA 16:8)

(Tetyukhe Valley--Dannemorite)

MGZGOVA, N.N.

Axinite and datolite in skarn complex metal deposits of the Far East. *Izv. AN SSSR. Ser. geol.* 27 no. 4: 40-49 Ap '62. (MIRA 15:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii AN SSSR, Moskva.
(Far East—Axinite) (Far East—Datolite)

MOZGOVA, N.N.; DEMILOVA, N.G.

Signatur crystals of the T...
min. ob-va 92 no. 3/4 R... (MIRA 17:9)

МОСКОВА, Н.С. (1910-1970) - Москва

Second conference on microelectronics - Moscow, 1970
pp. 121-123 - Moscow, 1970

MOZGOVA, N.N.

Generalized cavities in the skarns of the Tetyukhe Valley.
Pap. Vses. min. ch-va 98 no.6:645-663 '63. (MIRA 18:3)

MOZGOVA, N.N.; BOBCHAYEV, Yu.S.

Some physical properties of ilvaite. Izv. Akad. Nauk SSSR Ser. Khim. No. 10:1114-1119
'65. (MIRA 18:8)

MOZGOVAYA, A.M.; KIM, A.V.

Amebiasis in Karaganda; an abstract. Med. paraz. i paraz.
bol. 34 no.2:234 Mr-Apr '65. (MIRA 18:11)

KRINETSKIY, I.I. [Кринетський, І.І.] (Kiyev); MOZGOVA A. E.A.
[Mozhova, E.A.] (Kiyev); ZHALNINA, D.F. (Kiyev)

Investigation of a nonlinear astatic automatic control system.
Avtomatyka no.6:15-25 '61. (MIRA 14 12)
(Automatic control)

S/103/62/023/012/007/013
D201/D308

Mozgovaya, E.A. (Kiev)

AUTHOR:

A method of minimization of a function in the presence of restrictions

TITLE:

Avtomatika i telemekhanika, v. 23, no. 12, 1962, 1654 - 1661

PERIODICAL:

TEXT:

The author considers a method of automatic optimization of a function of several variables when a restriction with respect to a certain direction is present. The method is valid for one minimum and is based on the method of gradient, the starting point being in the vicinity of minimum. The method has two distinct problems: 1. The choice of optimum direction and 2. the choice of optimum step in the optimum direction. All operations required can be executed on standard circuits for scalar products and it is concluded that the method can be recommended for solving problems of optimization of technological processes. There are 5 figures.

Card 1/2

A method of minimization ...

S/103/62/023/012/007/013
D201/D308

SUBMITTED: May 15, 1962

1B

Card 2/2

L 20216-65 EWT(d)/EPF(n)-2 Po-4/Pq-4/Pg-4/Pu-4/Pk-4/P1-4 IJP(c)/ASD(s)-5/
ASD(s)/AFMD(p)/ESD(dp) WW/BC S/0280/64/000/005/0030/0038 7
ACCESSION NR: AP4048821 3

TIOR: Mozgovaya, E. A. (Kiev); Samoylenko, Yu. I. (Kiev)

TITLE: Construction of the optimal algorithm of extremum control, based on the principle of dynamic programming

SOURCE: AN SSSR. Izv. Tekhnicheskaya kibernetika, no. 5, 1964, 30-38

TOPIC TAGS: automation, extremum control control algorithm, dynamic programming, control system optimization

ABSTRACT: The feedback system investigated by the author is shown in Figure 1 of the Enclosure. Here, λ_k is a discrete random disturbance, such that $\lambda_{k+1} = \lambda_k + \mu_k$, where λ_k is statistically independent with a continuous distribution density $w(\lambda_k)$ and where $z_k = 2$. $u_{k-1} - u_k$ is the regulating function increment. For the open loop transfer function $y = x$ and an inertialess object, it is required to find a regulating algorithm which allows determination of u_{k+1} from the observed value of y_k and from all previous information on y_i ($i = \dots, k-2, k-1$), such that the average value of the output signal y be a minimum. Using the Bayes formula to obtain the required a posteriori probabilities p_k and applying

I 20216-65
 ACCESSION NR: AP4048821

the minimum risk criterion to find the minimum risk function $Q(z_k, y_k, p_k)$, the desired regulating function γ is found to be that value of z_k which gives a minimum Q . Assuming known initial conditions $u_0 = \lambda_0$, the optimum regulating function $z = \gamma(y, p)$ is evaluated for the gaussian $w(\mu_k)$ and is shown in Figure 2 of the Enclosure. In general the optimum regulating algorithm is then constructed as follows: Find μ_{1j} ($j = 1, 2$) using the value of u_{k-1} and y_{k-1} from previous computations; find the density w_{1j} from the Bayes formula; compute the probability p_k of the hypothesis λ_k , (i. e. $\lambda_k = u_k + \sqrt{y_k}$), using the previous value p_{k-1} and a known value of p_0 ; find z_k from $z_k = \gamma(y_k, p_k)$, where γ is a previously determined function; the next value of the optimum regulating function is $u_{k+1} = u_k + z_k$.
 Orig. art. has: 26 equations and 5 figures.

ASSOCIATION: None

SUBMITTED: 23Aug63

ENCL: 02

SUB CODE: DP, IE

NO REF SOV: 006

OTHER: 001

Card 2/4

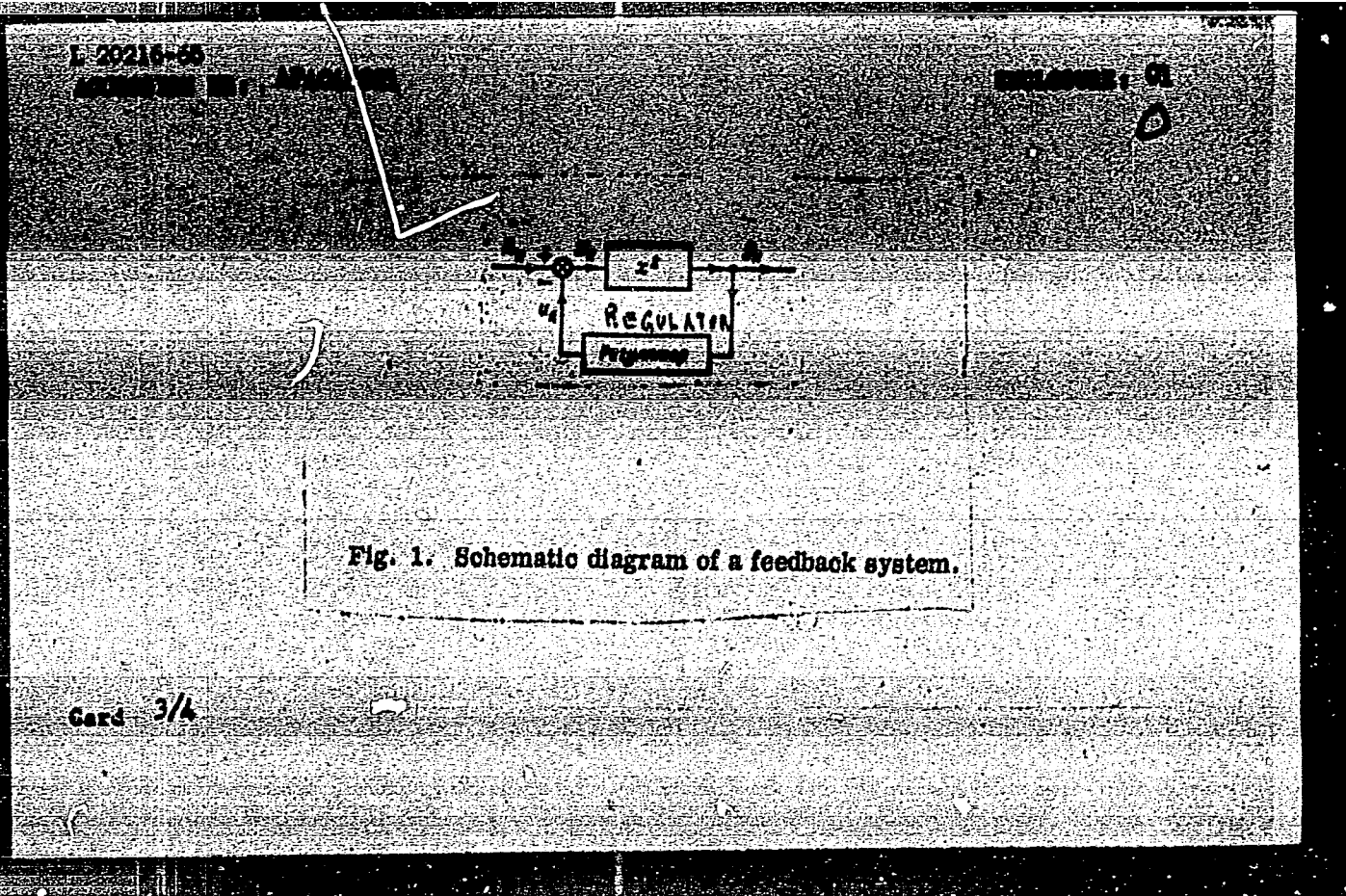


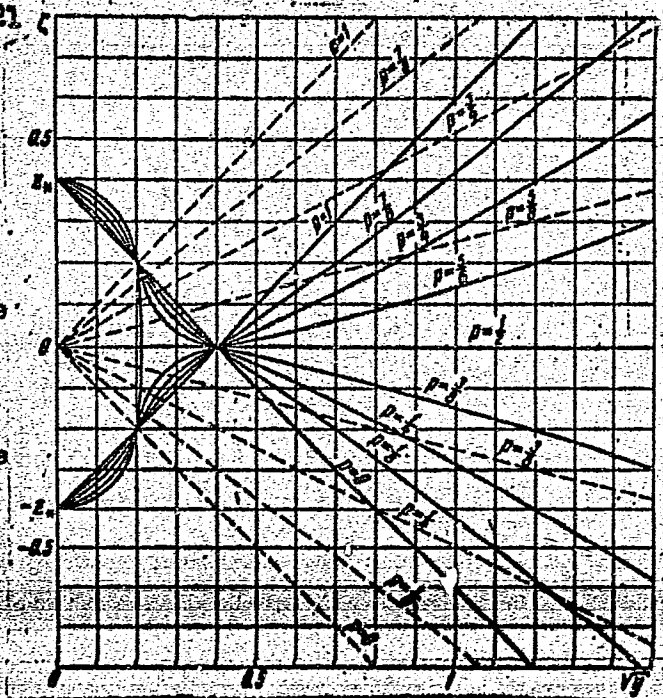
Fig. 1. Schematic diagram of a feedback system.

Card 3/4

L 20216-65
ACCESSION NR: AP/048821

ENCLOSURE: 02

Fig. 2. Plot of the optimum control function for the case of normal distribution of the external perturbation increments.



Card 4/4

MOZGCVAJA, I.I., inzh.

Characteristics of the planned preventive maintenance
and repair system in the enterprises of the sugar industry.
Pishch. prom. no.2:8-12 '65. (MIRA 18:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy
promyshlennosti.

MOZGOVAYA, L.F. [Mozhova, L.F.]

Sensitivity of staphylococci isolated from patients to antibiotics.
Mikrobiol. zhur. 2, no.2:49-52 '63. (TLA 17:10)

1. Institut mikrobiologii AN UkrSSR.

MOZGOVAYA, L. I.

MOZGOVAYA, L. I.: "Some design problems in Lobachevskiy geometry". Kiev, 1955. Min Higher Education Ukrainian SSR. Kiev Order of Lenin Polytechnic Inst, Chair of Mathematical Physics. (Dissertations for the Degree of Candidate of Physico-mathematical Sciences.)

So: Knizhnaya letopis' No. 49, 3 December 1955. Moscow

YUDINA, N.D., prof.; SARNITSKIY, I.P.; MOZGOVAYA, P.V.

Effect of the transfusion of BK-8, protein plasma substitute on blood coagulation processes in recipients. Probl.gemat. 1 perel. krovi 4 no.4:50-53 Ap '59. (MIRA 12:6)

1. Iz Kiyevskogo instituta perelivaniya krovi (dir. - zaslushennyy vrach USSR T.K.Gnedash).

(AMINO ACID MIXTURES, eff.

BK-8, on blood coagulation (Rus))

(BLOOD COAGULATION, eff. of drugs on,
protein hydrolysate BK-8 (Rus))

117 AND 120 CROSS

PRECEDENCE AND PRIORITY INDEX

11F

OA

Gain from packing home cooked feeds. R. Muzga
 vaya. *Muzgaya* (ed. S.S.S.R. 10, No. 3, 84-8(1968)).
 Tasting resulting from processing 2-2.5 hrs., draining and
 transporting to state farm was tested in swine feeds. The
 other components of the ration were oat grain and potatoes.
 The kg. feed r. gained per kg. gain for controls and groups
 receiving 10, 15, and 20% (a) were, resp., 0.5, 0.45,
 0.40, and 7.02 during 83 days for swine weighing 85-90
 kg. at the beginning of the test; and, resp., 0.0, 5.9, 5.8,
 and 6.2 during 144 days for swine weighing 56.1-56.5 kg.
 at the beginning of the test. M. M. Piskar

COMMON ELEMENTS

COMMON VARIANTS

OPEN MATERIALS INDEX

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

REGION COUNTRY

117 AND 120 CROSS

117 AND 120 CROSS

MOZGOVAYA, R., KARAVAYEVA, S., MURAVIN, I., TOMME, L.

Slaughtering and Slaughterhouses

How cattle are kept before slaughtering. Mias. ind. 23 no. 4, 1952.

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

107 July 1954 F.
TOMME, L.G., kandidat sel'skokhozyaystvennykh nauk; MOZGOVAYA, P. kandidat
sel'skokhozyaystvennykh nauk; KARAVAYEVA, S.G.; SIDOVNIKOVA, N.V.

Maintenance of cattle before slaughtering. Trudy VNIIMS no.6:140-158
'54. (MLRA 10:8)

(Cattle)

KOZGOVAYA, R.P., kandidat sel'skokhoyaystvennykh nauk; SADOVNIKOVA, N.V.

Finishing young cattle. Trudy VNIIS no.6:181-191 '54. (MLBA 10:8)
(Cattle--Feeding and feeding stuffs)

MOZGOVAYA, R.

MOZGOVAYA, R., kandidat sel'skokhozyaystvennykh nauk; SADOVNIKOVA, N..
~~sootekhnik.~~

Method of speeding up maturation and fattening of calves. Mas.
Ind. SSSR. 25 no. 3:42-43 '54. (MIRA 7:7)
(Calves)

MOZGOVAYA, R., kandidat sel'skohozyastvennykh nauk

Feed supply for fattening swine. Mias.ind.SSSR 26 no.2:49-50 '55.
(MLRA 8:7)

1. Ministerstvo promyshlennosti myasnykh i molochnykh produktov
SSSR. (Swine—Feeding and feeding stuffs)

MOZGOVAIA, R., kandidat sel'skokhozyaystvennykh nauk; FARBOVSKIY, V..
zootekhnik

Leaders in livestock fattening. Mias. ind. SSSR 26 no.3:44-47 '55
(Feeding and feeding stuffs) (MLRA 8:9)

MOZGOVAYA, R., kandidat sel'skokhozyaystvennykh nauk; SADOVNIKOVA, N.

Let's improve the finishing of young cattle. Mias.ind. SSSR
26 no.6:43-44 '55. (MLRA 9:2)
(Cattle--Feeding and feeding stuffs)

MOZGOVAYA, R.P., kandidat sel'skokhozyaystvennykh nauk; SOLOV'YEV, V.I.,
kandidat khimicheskikh nauk; SADOVNIKOVA, N.V.; IVANOVA, A.A.

Use of diethylstilbestrol in fattening cattle and its determination
in meat. Dokl. Akad. sel'khoz. 22 no. 8:8-12 '57. (MIRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-
lennosti. Predstavleno akademikom N.G. Belen'kim.
(Stilbenediol) (Cattle--Feeding and feeding stuffs)

100-261044A, T. A.

PKV
EN
②

2088. Quantitative spectrographic analysis of zirconium for hafnium content. G. Kravtsov, R. R. Shvangradsk, and T. A. Miroshchikova. *Zh. Anal. Khim.*, SSSR, 1955, 10 (1), 20-27. Spectrographic determination with a medium dispersion spectrograph of 0.02 to 15 per cent of Hf in zirconium is carried out on a mixture of the oxides with graphite and sodium pyrophosphate (1:1:1) placed in the crater of a graphite electrode with a pointed graphite rod as counter electrode. Excitation is by a.c. arc, and the lines Hf II 2393.83 and Zr II 2302.08 Å (for contents 0.01 to 1.0 per cent.) and Hf II 2417.69 and Zr II 2416.83 Å (for contents 0.3 to 10 per cent.) are read. Standards are prepared from the pure oxides. The mean error is ± 5 per cent. G. S. SMIRN

SMIRN

MOZGOVAYA T. A.

AUTHORS: Shvangiradze, R. R., Mozgovaya, T. A.

75-4-2/22

TITLE: Spectrographical Determination of Calcium, Magnesium, Copper, Aluminum, Iron, Titanium and Boron in Purest Silicon. (Opredeleniye kal'tsiya, magniya, medi, alyuminiya, zheleza, titana i bora spektroskopicheskimi metodami v chistom kremnii vysokoy chistoty).

PERIODICAL: Zhurnal Analiticheskoy Khimii, 1957, Vol. 12, Nr 6, pp. 708-713 (USSR).

ABSTRACT: A method for the quantitative spectrographic determination of calcium, magnesium, copper, aluminum, iron and titanium in purest silicon by means of the spectrograph MCT 22 is described. The analysis was performed with a relatively intense current, 7 to 10 amperes. Standard specimens with 10^{-2} - 10^{-5} % of the above-mentioned determinations were produced for the determination. For the determination of boron the experiments were conducted in a special quartz balloon in a hydrogen atmosphere, in order to eliminate molecular spectra of SiO_2 . The balloon has two openings for both the inlet and outlet of nitrogen. A flat transparent lens is fixed on one side of the balloon for the outlet of the radiation. An amount of 1.5 to 2, 10^{-4} % boron in silicon were determined by this method. The probable error amounts to ± 15 %.

Card 1/2

Spectrographical Determination of Calcium, Magnesium, Copper, Aluminum, Iron, Titanium and Boron in Purest Silicon. 35-4-9/33

There are 10 figures, 3 tables, and 5 references, 4 of which are in Slavic.

SUBMITTED: September 26, 1956.

AVAILABLE: Library of Congress.

1. Silicon-Calcium content
2. Silicon-Magnesium content
3. Silicon-Copper content
4. Silicon-Aluminum content
5. Silicon-Iron content
6. Silicon-Titanium content
7. Silicon-Boron content
8. Spectrographic analysis

Card 2/2

SHVANGIRADZE, R.R.; MOZGOVAYA, T.A.; SHCHETININA, E.V.

Method for the spectrographic determination of impurities in
elementary boron. Zhur.anal.khim. 17 no.1:94-96 Ja-k '62.
(MIRA 15:2)

(Boron--Analysis)

SHVANGIRADZE, R.R.; OGANEZOV, K.A.; MOZGOVAYA, T.A.; SHCHETININA, E.V.

Method for stabilizing an arc discharge during the spectrum
analysis of powdered materials. Zhur. prikl. spektr. 3 no.5:
397-402 N '65. (MIRA 18.11)

GZHITSKIY, S.Z.[Hshyts'kyi, S.Z.]; MOZGOVAY', Ye. N.[Moshova, I.E.M.]

Age variations in the phosphate content of cattle blood. Pratsi
Inst. agrobiol. AN URSS 3 no. 2:18-24 '56. (MIRA 11:7)
(Phosphorus in the body)
(Cattle--Physiology)
(Blood--Analysis and chemistry)

MOZGOVAYA, Ye.N.; ARNAUTOV, N.V.

Trace element content of the liver and pancreas of cattle. Izv.
Sib.otd.AN SSSR. no.2:104-110 '60. (MIRA 13:6)

1. Novosibirskiy sel'skokhzyaystvennyy institut i Institut
geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
(Trace elements) (Liver) (Pancreas)

KOZGOVOY, A. A.

"Ascariae of Animals (Morphology, Biology, Systematics, and an Experiment for Establishing the Phylogenetics and Zoogeography)." Thesis for degree of Dr. Biological Sci. Sub 11 Nov 49, Moscow Veterinary Academy

Summary 2, 1^o Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

MOZGOVOY, A. A.

Mozgovoy, A. A. "On the study of cetaceous 'anizakids'", Trudy Gel'mintol. laboratorii (Akad. nauk SSSR), Vol.II, 1949, p. 26-40.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

MOZGOVOY, A. A.

Mozgovoy, A. A. "On the study of nematodes of the genus Porrocaecum Raillet et Henry, 1912", Trudy, Gel'mintol. laboratorii (Akad. nauk SSSR), Vol. II, 1949, p. 41-49.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

USSR/Biology - Seals

Helminths

Jun 50

"Question of the Origin of the Baykal Seal in the Light of Helminthological Science," A. A. Mozgovoy, K. M. Ryzhikov, Helminthol Lab, Acad Sci USSR

"Dok Ad Nauk SSSR" Vol LXXII, No 5, pp 997-999

On 272d Union Helminthol Expedition (Jun-Oct 49) to Lake Bayka, three Baykal seals were examined among other animals. Nematodes from these seals were examined, and new subspecies named: *Contra-caecum osculatum baicalensis*. Evidence pointed to hypothesis that Baykal Seal migrated from Arctic

163T4

USSR/Biology - Seals

(Contd)

Jun 50

Ocean during ice age, from Caspian Sea, as had been thought possible. Submitted 17 Apr 50 by Acad K. I. Skryabin.

163T4

MOZGOVOY, A. A., NOSIK, A. F.

Worms, Intestinal and Parasitic

Ascaris ovis, an independent species of ascarids of small ruminants. Trudy Gel'm.
lab. no. 5, 1951.

Monthly List of Russian Accession. Library of Congress, September 1952. UNCLASSIFIED

MOZGOVOY, A. A.; SPASSKIY, A. A.; POPOVA, T. I.

Parasites - Novosibirsk Province

Work of the 257th Union Helminthological Expedition of 1946 at Lake Chany of the Novosibirsk Province. Trudy Gel'm. lab. no. 5, 1951.

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

MOZGOVOY, A. A.; POPOVA, T. I.

Parasites - Byaloveszhska Pushcha

Work of the 264th Union Helminthological Expedition of 1947 in the state preserve

"Byalovezhska Pushcha." Trudy Gel'm. lab. no. 5, 1951.

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

MOZGOVOY, A. A.

Swine - Diseases

Experimental study of clinical aspects of Trichocephaliasis of pigs. Veterinariia
29 no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December, _____ 1952 Uncl.

MOZGOVCOY, A.A.

Nematoda, Parasites- Birds

Interpretation of the biologic cycle of
Porrocaecum crassum, a nematode of aquatic
birds. Dokl. AN SSSR 23 no. 2, 1952
Gel'mintologicheskaya Laboratoriya Akademii
Nauk SSSR. rcd. 17 Sept. 1951

SO: Monthly List of Russian Accessions, Library of Congress, August 1953, Uncl.

NOZGOVOY, A. A.

Askaridaty zhivotnykh i cheloveka i vyzyvayemye imi zabolevaniya [ascarids of animals
and man and illnesses caused by them] Moskva, Izd-bo Akademii Nauk SSSR, 1953-
v. Illus., diags. (Osnovy nematodologii, tom 2)
At head of title: Akademiya Nauk SSSR. Gel'mintologicheskaya Laboratoriya.
Lib. has: pt. 1
 pt. 2

SO: N/5
633.7
.M9

МОЗГОВЦЫ, А.А.

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)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Mozgovoy, A. A.	"Handbook of Parasitic Nematodes"	Laboratory of Helminthology, Academy of Sciences USSR

SO: W-30604, 7 July 1954

KOZGOVOY, A.A.

**Study of the epizootiology of porrocaecosis in water birds. Trudy
Gel'm.lab. 7:196-199 '54. (MLRA 8:5)
(Parasites--Water birds) (Ascarids and ascariasis)**

MOZGOVOY, A.A., doktor biologicheskikh nauk.

Porrocaecosis in ducks and the biological peculiarities of its
causative agent. Sbor. trud. Khar'. vet. inst. 22:316-320 '54.
(MLBA 9:12)

1. Gel'mintologicheskaya laboratoriya Akademii nauk SSSR.
(Ducks--Diseases and pests) (Ascarids and ascariasis)

MOZGOVOY, A.A.; RYZHIKOV, K.M.; SUDARIKOV, V.Ye.

Work of the 289th joint helminthological expedition of 1952-1953 in districts of the Amu Darya Delta and the Murgab Basin. Trudy Gel'm. lab. 8:33-50 '56. (MLRA 9:8)

(Amu Darya Delta--Worms, Intestinal and parasitic)

(Murgab Basin--Worms, Intestinal and parasitic)

MOZGOVOY, A.A.; RYZHIKOV, K.M.; SUDARIKOV, V.Ye.; LEYKINA, Ye.S.

Work of the 290th joint helminthological expedition of 1953 in the
Yakut A.S.S.R. Trudy Gel'm.lab. 8:51-76 '56. (MLRA 9:8)
(Yakutia--Worms, Intestinal and parasitic)

MOZGOVOY, A.A.; ROMANOVA, N.P.

Study of Ascaridata of birds and reptiles in the Moscow Zoo. Trudy
Gel'm.lab. 8:77-84 '56. (MLBA 9:8)
(Moscow--Ascaris) (Parasites--Birds)
(Parasites--Reptiles)

NOZGOVOY, A. A., SHALDUGA, N. E. and MAGDA, I. E.

"On the Use of the Surgical Method in Experimental Helminthology."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Helminthological Laboratory of the USSR Academy of Sciences, Moscow

MOZGOVOY, A.A.

The phenomenon of abnormal localization of ascarids and an attempt
to explain it. Trudy Gel'm. lab. 9:190-195 '59. (MIRA 13:3)
(Ascarids and ascariasis)

MOZGOVOY, A.A., doktor biolog.nauk; BYCHIKHIN, M.T., veterinarnyy vrach

Carbon tetrachloride treatment of echinuriasis in ducks.
Veterinariia 36 no.7:44 J1 '59. (MIRA 12:10)

1. Gel'mintologicheskaya laboratoriya Akademii nauk SSSR.
(Parasites--Ducks) (Carbon tetrachloride)

MOZGOVOY, A.A., NOSIK, A.F. [deceased]

Study of intrauterine infestations of animals with parasitic worms.
Trudy Gel'm. lab. 10:143-148 '60. (MIRA 13:7)
(ASCARIDS AND ASCARIASIS)

MOZGOVOY, A.A., SHEVTSOV, A.A.

Study of ascarids parasitic in small cattle. Trudy Gel'm. lab.
149-152 '60. (MIRA 13:7)
(ASCARIDS AND ASCARIASIS) (PARASITES—GOATS)

HOZGOVY, A.A., POPOVA, T.I., SHALAYEVA, N.M., SHMYTOVA, G.Ya.

In defense of the specific independence of some ascarids parasitic
in man and animals. Trudy Gel'm. lab. 10:153-165 '60.

(MIRA 13:7)

(ASCARIDS AND ASCARIASIS)

LEYKINA, Ye.S.; SHIKHOBALOVA, N.P.; MOZGOVOY, A.A.

Antigenic properties of ascarids. Trudy Gel'm.lab. 11:153-158
'61. (MIRA 15:12)
(Antigens and antibodies) (Ascarids and Ascariasis)

MAGDA, I.I.; MOZGOVOY, A.A.; SHALDUGA, N.Ye.

Using a surgical method in experimental helminthology. Trudy
Gel'm.lab. 11:162-165 '61. (MIRA 15:12)
(Helminthological research)

MOZGOVOY, A.A.; MAGDA, I.I.; SHALDUGA, N.Ye.

Epidemiology of ascariasis in poultry. Trudy Gel'm.lab.
11:166-168 '61. (MIRA 15:12)
(Ascarids and ascariasis) (Parasites--Poultry)

MOZGOVOY, A.A.; MAGDA, I.I.; SHALDUGA, N.Ye.; ALEKSANDRYUK, S.P.

Experimental investigation of abnormal localization of ascarids.
Trudy Gel'm.lab. 11:169-179 '61. (MIRA 15:12)
(Ascarids and ascariasis)

1970-71, A.S.; 1971-72, B.S.; 1972-73, C.S.; 1973-74, D.S.; 1974-75, E.S.

Scientific Conference of the Ministry of Education, Moscow, 1974.
Izv. Akad. Nauk SSSR, Ser. Biol., 1974, No. 11, p. 1811.

1974-75

SKRYABIN, Konstantin Ivanovich, akademik, Geroy Sotsialisticheskogo Truda, laureat Leninskoy i Gosudarstvennykh premiy; Prinimali uchastiye: GUSHANSKAYA, L.Kh.; ANTIPIN, D.N.; GUSHANSKAYA, L.Kh., red. izd-va; MOZGOVOY, A.A., red. izd-va; YEPIFANOVA, L.V., tekhn. red.; LAUR, V.G., tekhn. red.

[Trematodes of animals and man; principles of trematodology]
Trematody zhivotnykh i cheloveka; osnovy trematodologii. Moskva, Izd-vo Akad. nauk SSSR. Vol.20 1962. 563 p.
(MIRA 15:9)

(Ternatoda)

SKRYABIN, Konstantin Ivanovich, Laureat Leninskoy i Gosudarstvennykh
premiy Geroy Sotsialisticheskogo Truda, akademik; ANTIPIN,
D.N.; SUDARIKOV, V.Ye.; ~~MOZGOVOY, A.A., red.~~ izd-va; LAUT,
V.G., tekhn. red.

[Trematodes of animals and man; principles of the study of
Trematodes] Trematody zhivotnykh i cheloveka; osnovy tre-
matodologii. Izd-vo Akad. nauk SSSR. Vol.19. 1961. 471 p.
(MIRA 15:2)

(Trematoda)

POPOVA, T.I.; MOZGOVOY, A.A.; DMITRENKO, M.A.

Study of the biology of Ascaridata in White Sea animals. Trudy Gel'm.
lab. 12:163-169 '64. (MIRA 17:10)

MOZGOVOY, A.A.; POPOVA, T.I., SEMENOVA, M.K.

Deciphering the developmental cycle of the nematode *Synhimantus brevicaudatus* (Dujardin, 1845) parasitizing on gressorial birds and freshwater fishes. Dokl. AN SSSR 162 no.3:719-720 My '65. (MIRA 18:5)

1. Submitted July 6, 1964.

14(6)

SOV/112-59-5-8736

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 46 (USSR)

AUTHOR: Mozgovoy, G. V.

TITLE: Evaluating the Water Gauges in Irrigation Systems

PERIODICAL: Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t gidrotekhn. i melior.,
1957, Nr 3, pp 8-12

ABSTRACT: Evaluation is offered of 5 water-gauging devices from the standpoint of their applicability in irrigational systems: Ivanov's spillway, Utkin's hydro-metric grid for measuring the discharge per second, Glubshev's flowmeter, Utkin's water gauge-meter, and UkrNIIGiM's spillway-gauge for normalizing and totalizing water discharge.

A.A.K.

Card 1/1

1. MOZGOVOY, I. A.
2. USSR (600)
4. Steel castings
7. Production of a cast, two-layer instrument, Vest. mash., 32, No. 6, 1952.

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

MOZGOVOY, Ivan Aleksyeyevich [Mozhovi, I.O.]; NIKOLAENKO, I.I. [Nikolaienko, I.I.], otv. red.; TEPLYAKOVA, A.S., red.; MATVIICHUK, O.A., tekhn. red.

[Let's work as our heroes do] Na riven' z heroiami. Kyiv, 1961. 33 p.
(Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrain'-
koi RSR. Ser.10, no.4) (MIRA 14:11)
(Agriculture--Labor productivity)

MOZGOVOY, I.I.; KOZLOV, A.I., agronom.

Growing large coriander crops. Zemledelie 4 no.6:121 Je '56.

(MLRA 9:8)

1. Predsedatel' kolkhoza "1 maya", Korochanskogo rayona, Belgorodskoy oblasti.

(Korocha District--Coriander)

L 47383-66 EWT(m)/ZWP(v)/T/EWP(t)/ETI/EWP(j)/EWP(k) IJP(c) JD/HM/RM/RH
ACC NR: AR6029611 SOURCE CODE: UR/0282/66/000/006/0092/0092

AUTHOR: Loshchilov, V. I.; Mozgovoy, I. V.

TITLE: Ultrasonic welding of articles manufactured from polymer materials

SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye, Abs.
6.47.614

REF SOURCE: Sb. tr. Mosk. vyssh. tekhn. uch-shcha im. N. E. Baumana,
v. 5, 1965, 74-80

TOPIC TAGS: ultrasonic welding, welding equipment, plastic welding

ABSTRACT: The advantages of ultrasonic welding of plastics, as compared with other welding procedures, are investigated. A description is given of the equipment for ultrasonic welding of plastics, developed at the MVTU im. N. E. Baumana. Orig. art. has: 7 figures and a bibliography of 3 reference items.

[Translation of abstract]

[AM]

SUB CODE: 11, 13/

Card 1/1

mjs

UDC: 678.5.029.43:621.034

MOZGOVOY, Mikhail Andreyevich; SHERMAN, R.N., red.; KOZLOV, S.V., tekhn.
red.

[First experience in cultivating corn] *Pervyi opyt vozdeleyvaniya kukurusy. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 12 p.*

(MIRA 11:7)

1. Brigadir polevodcheskoy brigady No.1 kolkhoza imeni boytsa Cherkasova Kurchumskogo rayona Vostochno-Kazakhstanskoy oblasti (for Mozgovoy).

(Kazakhstan--Corn (Maize))

MOZGOVOY, N.I., inzhener; AFANAS'YEV, S.G., inzhener; SHUMOV, M.M.,
inzhener; EPSHTEYN, Z.D., inzhener; ANDREYEV, T.V., inzhener.

Developing an oxygen-using converter process for open-hearth cast
iron. Sbor.trud.TSNIICEM no.13:229-299 '56. (MLRA 9:11)
(Cast iron--Metallurgy)
(Oxygen--Industrial applications)

W. Z. ...

Comments on secondary ...
Department of ...
prints. ...

(M. 18:1)

MOZGOVOY, P.I.

Contagiousness of acute aphthous stomatitis in children. Stomatologiya 43 no.1:87-88 Ja-F'64 (MIRA 17:4)

1. Detskaya konsul'tatsiya 9-go meditsinskogo ob'yedineniya (glavnyy vrach I.V.Teleshevskaya), L'rov.

MOZGOVOY, V.I

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62519

Author: Mozgovoy, V. I., Mil'kovskiy, M. I.

Institution: ~~None~~ Artem Mining Inst, Dnepropetrovsk

Title: Concerning the Continuous Water Cycle in Coal Concentration Mill Flotation

Original

Periodical: Ukr. khim. zh., 1955, 21, No 3, 405-409

Abstract: By investigating the flotation waste of coal concentration mills it has been ascertained that the aqueous portion of the waste can be utilized in subsequent flotation cycles following addition of the depleted portion of flotation agents. Most effective coagulants for clarification of waste water are $\text{Ca}(\text{OH})_2$, NaOH and the mixtures $\text{Na}_3\text{PO}_4 + \text{Ca}(\text{OH})_2$ and $\text{KAl}(\text{SO}_4)_2 + \text{Ca}(\text{OH})_2$.

Card 1/1

MOZGOVOY, V.I.

226. REDUCTION OF MOISTURE IN PRODUCTS OF PREPARATION OF COKING COALS.
Mozgovoi, V.I. (Izv. Dnepropetrovsk. gorn. Inst. (Bull. Dnepropetrovsk. *Fuel*
min. Inst.), 1955, vol. 23, 201-209; abstr. in Ref. Zh. Khim. (Ref. J.
Chem., Moscow), 1956, (9), 26554). It is impossible to remove moisture
from small size coals coming from the vacuum filters of flotation plants by
mechanical dewatering. Preliminary wetting of the coal with 0.02 to 0.1%
of substances with high surface tension and large angle of wetting
(kerosine, solar oil or anthracene oil) produced a change in the physical
and chemical properties of the surface of the coal grains and increased the
efficacy of dewatering by about 30%. Replacement of vacuum filters by
centrifuges running at 2000 rev/min may further increase the efficacy of
dewatering up to 70%.

MOZGOVY, V.I. (Dnepropetrovsk); KORCHAGIN L.V. (Dnepropetrovsk); MNUSHKIN,
I.I. (Dnepropetrovsk); prinyimali uchastiye: SEVAST'YANOVA, A.K.;
KUCHKOVA, M.M.

Effect of polyacrylamide on the filtration process of coal suspensions.
Izv. AN SSSR. Otd. tekhn. nauk. Ser. 1 topl. no.3:125-129 My-Je '62.
(IIRA 15:6)

(Coal preparation)

SEN'KO, G.Ye.; ONOPRIYENKO, V.P.; TSARITSYN, A.N.; MOZGOVOY, V.M.; CHERNOV,
G.I.; KONAREVA, N.V.

Analysis of blast furnace performance with the automatic control of
the blast in the air tuyeres. Stal' 25 no.7:590-593 J1 '65. (MIRA 18:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i Makeyevskiy
metallurgicheskiy zavod.

CA MOZGOVOY, V. S

Solubility of nitrogen in liquid chromium and in melts of chromium and silicon. V. S. Mozgovoy and A. M. Samarin (A. A. Balkov Inst. Met., Acad. Sci. U.S.S.R.). *Izvest. Akad. Nauk S.S.S.R., Otdel. Tekh. Nauk* 1950, 1529-36, cf. *C.A.* 45, 7503a.—Tech. N was purified by passing it over Cu chips at 600 to 700° and through Ascarite and P anhydride. The reaction chamber, 90 mm. in diam. and about 400 mm. long, was a clear quartz tube closed at one end and cooled by contact with the water-cooled inductor. A metal, water-cooled head was cemented to the top of the tube, and a window in the head permitted reading the temp. of the melt. A. G. Guy

9

MOZGOVOY, V. S.

CA

Solubility of nitrogen in liquid chromium and in melts of chromium and silicon. V. S. Mozgovoy and A. M. Samarin. *Doklady Acad. Nauk S.S.S.R.* 74, 729-32 (1950).—An exptl. study was made with Cr contg. Fe 1.04, Al 0.6, Si 0.2, N 0.15, and Si contg. Al 0.78, Fe 0.20, C 0.04%. Fifty g. of alloy was heated by induction in a magnesite crucible in a quartz tube contg. purified N at 1 atm. Equil. was reached in 30 min., and runs were made for 40 min. Temps. were measured to $\pm 15^\circ$ with an optical pyrometer. The equil. concns. of N in wt. % in liquid Cr were 1600° , 4.08; 1630° , 3.90; 1700° , 3.84; 1725° , 3.76; 1750° , 3.54. From these data it was concluded that the interaction of liquid Cr and N occurs according to the reaction: $2 \text{Cr} + \frac{1}{2} \text{N}_2 \rightleftharpoons \text{Cr}_2\text{N}$ which $\Delta F = -7594.5 + 1.2727 T$. X-ray examn. of the high-N specimens showed the presence of a body-centered cubic Cr phase and the Cr_2N phase with a close-packed hexagonal structure, $a = 2.74 \pm 0.002 \text{ \AA}$, $c = 4.45 \pm 0.01 \text{ \AA}$. The soly. of N in Cr contg. 1.5, 7.25, 10.00, and 20.00% Si was 3.83, 1.98, 0.84, 0.33 at 1600° ; 3.68, 1.89, 0.74, 0.30 at 1630° ; 3.54, 1.72, 0.69, 0.28 at 1700° ; 3.08, 1.68, 0.62, 0.26 at 1750° . At all Si contents ΔH was about $-10,000 \text{ cal}$. At 1600° the soly. of N decreased with increasing Si content up to 40% Si and no special effect near CrSi was observed.

A. G. Guy

1951

137-1958-2-2334

VO
Translation from Referativnyy zhurnal. Metallurgiya 1958. Nr 2. p 18 (USSR)

AUTHORS. Mozgovoy, V.S., Samarin, A.M.

TITLE. The Solubility of Nitrogen in Chromium-Carbon, Chromium-Iron, and Chromium-Iron-Carbon Melts (Rastvorimost' azota v rasplavakh khroma i ugleroda, khroma i zheleza, khroma, zheleza i ugleroda)

PERIODICAL. V sb - Fiz -khim osnovy proiz-va stali Moscow, AN SSSR, 1957. pp 586-589 Diskus pp 650-655

ABSTRACT The following base materials were studied: Electrolytic Fe (0.02% C, 0.02% Mn, 0.015% Si, Cr (1.04% Fe, 0.6% Al, 0.2% Si, 0.15% N), and a Cr with a C content of up to 8.0%. The following was ascertained: When the C content of the Cr-C melts was increased, the solubility of N decreased. When the Fe content of the Cr-Fe melts was increased, the solubility of N decreased. When the Cr content of the Cr-Fe melts was decreased from 97 to 70%, the C content remaining unchanged, the solubility of N decreased by one-half. In the Cr-Fe-C melts, the solubility of N decreased as the temperature increased. In the Cr-Fe-C melt the dependence of the solubility equilibrium constant of N on the

Card 1/2

137-1958-2-2334

The Solubility of Nitrogen (cont)

temperature is expressed by the equations $\log K = 6500/T - 3.2$
and $\Delta F^{\circ} = -30,000 + 14.6 T$. The solubility of N in the
Cr-Fe-C melts was directly a **proportional to** Cr content in the
melt.

I. P.

1. Chromium alloys--Nitrogen--Solubility--Theory

Card 2/2

MOZGOVOY, Yu.I.

The ZIL-MMZ-130B agricultural dump truck. Biol.tekh.-ekon.
inform. no.2:58-60 '60. (MIRA 13:6)
(Dump trucks)

MOZGOVOY, Yu. I.

Dump-truck train. Biul.tekh.-ekon.inform. no.2:70-73 '60.
(MIRA 13:6)

(Dump trucks)

MOZGOVOY, Yu. I., insh.

PK-1,0 potato loader. Trakt. i sel'khozmasb. 30 no.7:32-33 31:60.
(MIRA 13:10)

(Potatoes--Harvesting) (Loading and unloading)

S/194/62/000/002/011/036
D260/D301

AUTHORS: Nesterov, Ye. P., Men'shova, Z. I. and Mozgrina, Z. I.
TITLE: Electronic computing techniques in railway statistics
PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 2, 1962, abstract 2-1-117y (Zh-d. transport, 1961,
no. 7, 31-34)

TEXT: This describes the application of the electronic digital computer СТРЭЛА (STRELA) in railway statistics; its purpose is to compile data, according to traffic information, about the distribution of increased freight on the line in distant zones (Form Ts0-12) and freight traffic, their runs and profit obtained on given routes (Form Ts0-18). By means of special perforators the information from the initial documents is passed to an 80-column card perforator and subsequently transferred to the operating memory (the memory volume of the digital computer STRELA is 2048 cells). One card contains information from three routes. A procedure for obtaining the report is given (according to Ts0-12

Card 1/2

Electronic computing techniques ...

5/134/62/000/002/011/036
D230/D301

and Ts0-18). Operational control of the digital computer is accomplished by repeated calculations and comparison of their results. The time consumed to prepare reports Ts0-12 and Ts0-18 is 3.25 man/hours, this is 30 times less than in the case of key-computing or analytical-computing machines. A need is stated for a break-through of digital computers into the accounting system and for transformation of mechanized accounting in transportation into railway computing centers with a network of small computing centers for individual routes. 2 figures. [Abstracter's note: Complete translation.]

Card 2/2

MOZGUNOV, M.I.

Contribution of communication workers to the operation of
major chemical complexes. Vest. svyazi 24 no.5:22-23 My '54.
(MIF: 12.6

1. Nachal'nik Stavropol'skogo otdela svyazi Kuybyshevskoy oblasti.

MOZGUNOVA, E. A.

USSR/ Miscellaneous - Book review

Card 1/1 Pub. 123 - 11/12

Authors : Mozgunova, E. A., and Rachkova, L. P.

Title : Discussion of the book, "The History of the USSR Nations During the Period of Socialism"

Periodical : Vest. AN Kaz. SSR 6/123, 96-99, June 1955

Abstract : A review of the subject book is presented.

Institution :

Submitted :

MOZDUNOVA, Ya.A. (Kemerovo)

Experience in the treatment of logoneurosis in children under the
conditions of a pioneer summer health camp. Zhur. nevr. i psikh.
65 no.7:1102-1103 '65. (MIRA 18:7)

MOZHANKOV, V.; RAYKHER, A.

Clearing payment bureaus attached to construction trusts, and
business accounting. Den. 1 kred. 20 no.12:63-67 D '62.
(MIRA 16:1)

1. Glavnyy bukhgalter stroytresta No. 150 Ministerstva
stroitel'stva UzSSR (for Mozhankov). 2. Zamestitel' glavnogo
bukhgaltera po finansovoy rabote tresta Mosstroy No. 13
(for Raykher).

(Construction industry—Finance)
(Payment)

Satisfactory electrolytic coating on products from zinc
alloys. G. S. Voznyashchik, V. A. Dimitry, A. V. Mozil,
I. V. Ralnevskaya, and D. E. Glusov. *J. Appl.
Chem. U.S.S.R.* 28, 481-0 (1955) (Engl. translation).—See
C.A. 49, 15594c. B. M. R.

(4)

9/1/55

AID P - 3421

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 6/18

Authors : Vozdvizhenskiy, G. S., V. A. Dmitriyev, A. G. Mozhanova, Ye. V. Rzhetskaya, and D. Ye. Chasov

Title : Preparation of good-quality electrolytic coatings on articles from zinc alloys

Periodical : Zhur. prikl. khim., 28, 5, 484-489, 1955

Abstract : Various compositions and reaction conditions are described. Best results were obtained by using an electrolyte containing 20-25 g./l copper, 8-12 g./l. free cyanide, 15-30 g./l sodium carbonate; current density, 1 amp./sq.dm.; temp., 50-55°C; pH, 11-12; reaction time, 10 min. Three tables, 3 photos, 6 ref., 4 Russian (1943-1951).

Institution : None

Submitted : S 25, 1953

MOZHANOVA, A. G.

~~Composition, properties, and the role of the products of the electrolysis during deposition of copper on a porous and catalytic substrate.~~

~~Author: A. G. MOZHANOVA, Institute of Electrochemistry, Academy of Sciences of the USSR, Moscow, U.S.S.R.~~

~~Publ. in: Zh. Fiz. Khim., 46, 1618 (1972).~~

The composition of the electrolyte during anodic polarization of Cu in H₂SO₄ of 1.5M was found by the method of B. G. Lev, et al. (C.A. 44, 7474). With a cath. of 20 cm²/dm² and an area ratio of anode/cathode of 1/25, Cu content in the electrolyte, ρ , and the viscosity increased from 0.4 to 0.44 g/l, 1.549 to 1.570, and from 19.18 to 20.50 centipoises, resp., and the η decreased as the current increased from 0 to 200 mA/cm². With an increase in the area ratio from 1/25 to 2/1, the Cu content in

the electrolyte increased to 10.85 g/l. The electroplating efficiency of the electrolyte remained practically constant and the ratio Cu/PQ in all cases was less than unity. This indicates that the electrolyte contained mixture of ions and the species of Cu. The same was true when the potential was increased from 0.5 to 1.5 v, and it was further corroborated by analysis of the anolyte in cath. with displacement of anion. Slightly lower η . The formation of a scale film, though important, was not the controlling factor. The accumulation of the products of anolyte, aimed at establishing a greater uniformity of surface, diminishing of active sites.

I. Kuzovkov