ACC NR: AP6024367 SOURCE CODE: UR/0280/66/000/002/0086/0093

AUTHOR: Buyanov, B. B. (Moscow); Domanishchkiy, S. M. (Moscow); Ozernoy, V. M. (Moscow)

ORG: none

TITLE: Construction of tests for the logic circuits synthesized from monofunctional elements

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 2, 1966, 86-93

TOPIC TAGS: logic design, logic circuit, mathematic operator, test monitoring

ABSTRACT: Tests of this kind are designed to verify the functioning of logic (n, 1)-terminal networks synthesized from monofunctional logic elements realizing the negation of the disjunction or conjunction of many variables. These tests are constructed on the premise that the following factors are known: the structure of the logic circuit, the various possible malfunctions in each element of the ensemble used to design the logic circuit. The circuit is tested by inserting logic variables into the ensemble inputs and verifying the state of the output. A subset of ensembles of logic variables may be used as a test of this kind if the correct functioning of the network with respect to this subset is a sufficient condition for the correct functioning of the circuit with respect to the entire set of input ensembles. The length L of the

Card 1/3

test is the number of ensembles entering in the test. Thus, in the operator describing the performance of a n-input logic element realizing the negation of the disjunction of n variables is denoted as $N_n(\bar{x}_1^{\sigma_1}, \bar{x}_2^{\sigma_2}, \ldots, \bar{x}^{\sigma_n})$ and an arbitrary logic function of m variables $f(x_1, x_2, \ldots, x_m)$ may be represented by the following superposition of operators N_n:

$$f(x_1, x_2, \ldots, x_m) = N_k[N^1_{m_1}(\bar{x}^{\sigma_{11}}_{11}, \bar{x}^{\sigma_{21}}_{21}, \ldots, \bar{x}^{\sigma_{m1}}_{m1}), \ldots \ldots, N^j_{m_j}(\bar{x}^{\sigma_{1j}}_{1j}, \bar{x}^{\sigma_{2j}}_{2j}, \ldots, \bar{x}^{\sigma_{mj}}_{mj}), \ldots, N^k_{m_k}(\bar{x}^{\sigma_{1k}}_{1k}, \bar{x}^{\sigma_{2k}}_{2k}, \ldots, \bar{x}^{\sigma_{mk}}_{mk})]. \quad (1)$$

where $j = 1, 2, \ldots, k$ and m_j is the number of variables at the input of the j-th element N^j_{mj}. If signals corresponding to all the logic elements and their inversions are employed, relation (1) is realized by a two-stage circuit of N_m operators (Fig. 1). Each expression $N^j_{m_j}(\bar{x}^{\sigma_{1j}}_{1j}, \bar{x}^{\sigma_{2j}}_{2j}, \ldots, \bar{x}^{\sigma_{mj}}_{mj})$ corresponds to the ensemble of logic variables $\alpha_j = \{x_1, x_2, \ldots, x_m\}_j$ for which $N^j_{m_j} = 1$ when $j = 1, 2, \ldots, k$ and $N^r_{m_r} = 0$ when $r \neq j$. During testing of the ensemble α_j of the circuit shown in Fig. 1 all the input variables of the first-stage input element with the subscript j have zero values while for all the other first-stage elements at least one of the variables must have the value of unity. The process

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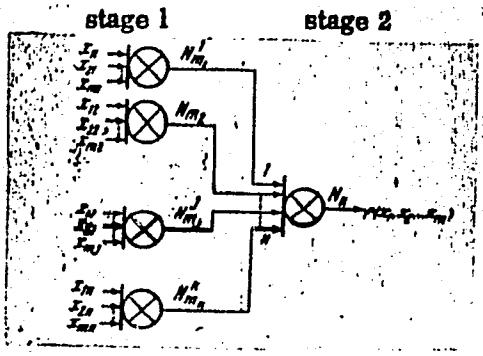


Fig. 1.

of construction of such tests is closely associated with the minimization of logic circuits and may be utilized to detect redundant elements. Orig. art. has: 12 formulas, 6 figures, 3 tables.

SUB CODE: 09, 12/ SUBM DATE: 16Sep64/ ORIG REF: 005

Card 3/3

L 06270-67 EWT(1) IG

ACC NR: AP6028539 SOURCE CODE: UR/0280/66/000/003/0097/0099

35
B

AUTHOR: Ozernoy, V. M. (Moscow)

ORG: none

TITLE: The problem of the reliability of systems with majority elements

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 3, 1966, 97-99

TOPIC TAGS: system reliability, majority element system, Markov process, regenerative system, logic circuit

ABSTRACT: Determinations are made of the probabilities of various causes of failure in a system containing functional logic units and a regenerating organ (majority element), when the operation of the system is describable by a Markov chain with absorption. The process considered is not ergodic, and the probability of a transition to the absorbing state depends on the initial condition of the system. The system analyzed has three functional logic units. The system is described by a Chapman-Kolmogorov equation, with the analysis of the Markov chain with absorption being essentially that of D. Kemeni, D. Snell, and D. Thompson (Vvedeniye v konechnuyu matematiku. Izd-vo inostr. lit., 1963). The technique outlined can be used in the design of complex information-processing systems, provided the operation of the system can be described by a Markov process with absorption and certain values for all units

Card 1/2

L 06776-67

ACC NR: AP6028539

0

are known. Orig. art. has: 4 formulas and 2 figures.

SUB CODE: 12,14,09/ SUBM DATE: 25Jun65/ ORIG REF: 001/ OTH REF: 002

Card 2/2 egh

OZERNYI, M. E.

Rekordowe plony kukurydzy. (Wyd. 1.) Warszawa. Panstwowe Wydawn. Rolnicze i Lesne, 1954. 65 p. (Record harvest of maize. Tr. from the Russian. 1st ed.)
DA Not in DLC Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

VOLOSHCHENKO, A.; OZERNYUK, T.

Determining supplementary time in establishing consolidated norms for machine-tool operations. Biul. nauch. inform.: trud i zar. plata 5 no.7:22-27 '62. (MIRA 15:7)
(Odessa Province--Metal cutting--Production standards)

VOLOSHCHENKO, A.P.; OZERNYUK, T.S.

Methods of simplified calculations of technically substantiated time norms in small-lot production. Nauch.zap.Od.politekh.inst. 26:17-22 '60. (MIRA 15:5)
(Factory management—Production standards)

OSTRYY, M.Ye.

SPIVAK, M.S., glavnyy red.; BELOZUB, V.G., red.; VASILENKO, P.M., red.; ZORIN, I.G., red.; IL'CHENKO, I.K., red.; KOVAL', A.G., red.; KRYLOV, A.F., red.; PUKHAL'SKIY, A.V., red.; SIDORENKO, A.P., red.; FEDCHENKO, A.N., red.; ANGELINA, P.N., red.; BUZANOV, I.F., red.; BOYKO, D.V., red.; BURKATSKAYA, G.Ye., red.; VASILENKO, A.A., red.; VLASYUK, P.A., red.; GORODNIY, N.G., red.; DEMIDENKO, T.T., red.; DUBKOVETSKIY, F.I., red.; KIRICHENKO, F.G., red.; LITOVCHENKO, G.P., red.; OSTRYY, M.Ye., red.; PERSHIN, P.N., red.; POPOV, F.A., red.; POSMITNYY, M.A., red.; PSHENICHNYY, P.D., red.; RADCHENKO, B.P., red.; ROMANENKO, I.N., red.; RUBIN, S.S., red.; SAVCHENKO, M.Kh., red.; SOKOLOVSKIY, A.N., red.; TSYBENKO, K.Ye., red.; KOVAL'SKIY, V.F., tekhn.red.

[Practical collective farm encyclopedia] Kolkhoznaia proizvodstvennaia entsiklopediia. Izd. 2-oe, perer. i dop. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR. Vol.2. Malina-Mashchur. 1957. 923 p.
(Agriculture--Dictionaries) (MIRA 11:4)

SPIVAK,M.S., glavnyy redaktor; BELOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', A.G., redaktor; KRYLOV, A.F., redaktor; PUKHAL'SKIY, A.V., redaktor; SIDORENKO, A.P., redaktor; FEDCHENKO, A.N., redaktor; ANGELINA, P.N., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKATSKAYA, G.Ye., redaktor; VASILENKO, A.A., redaktor; VLASYUK, P.A., redaktor; GORODNIY, N.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETSKIY, F.I., redaktor; KIRICHENKO, F.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNYY, M.Ye., redaktor; PERSHIN, P.N., redaktor; POPOV, F.A., redaktor; POSMITNYY, M.A., redaktor; PSHENICHNYY, P.D., redaktor; RADCHENKO, B.P., redaktor; ROMANENKO, I.N., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVSKIY, A.N., redaktor; TSYBENKO, K.Ye., redaktor; KOVAL'SKIY, V.F., tekhnicheskiy redaktor

[Practical collective farm encyclopedia] Kolkhoznaia proizvodstvennaia entsiklopediia. Izd.2-oe, ispr. i dop. Kiev, Gos.izd-vo sel'khoz. lit-ry USSR. Vol.1. Abrikos - liutserna. 1956. 688 p. (MLRA 10:9)
(Agriculture--Dictionaries)

OZERNYY, M. E.

Corn for all districts' Moskva, Gos. izd-vo sel'khoz lit-ry, 1955. 67 p.
(Peredovoi opyt v sel'skom khoziaistve)

Ozernyy, M.E.

USSR/Agriculture - Maize corn

Card 1/1 Pub. 77 - 12/20

Authors : Ozernyy, M. E.

Title : Big maize corn crops

Periodical : Nauka i zhizn' 21/12, 30-32, Dec 1954

Abstract : An account is given of success obtained in producing a larger yield of maize corn per hectare by following various methods, including a careful selection and preparation of the seeds. The seeds were kept in a place where the moisture was carefully controlled. Besides, twenty tons of 3-year-old humus per hectare was applied to the soil. Special methods of preparation of the soil and cultivation of the growing plants were resorted to as described by the author. Illustrations.

Institution : ...

Submitted : ...

OZERNYY, M. E.

Rekordnye urozhai kukuruzy [Record crops of corn]. Moskva, Sel'khozgiz, 1953. 79 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954.

OZERNYY, M.Ye., geroy sotsialisticheskogo truda, laureat Stalinskoy premii.

High yield of corn. Nauka i zhizn' 21 no.12:30-32 D '54. (MLRA 8:1)

1. Zven'yevoy kolkhoza "Krasnyy partizan." Dnepropetrovskoy oblasti.
(Corn (Maize))

PLYUSNIN, Ivan Ivanovich, prof., doktor geol.-miner. nauk;
OZEROG, V.N., red.

[Meliorative soil science] Meliorativnoe pochvovedenie.
Izd.2., perer. Moskva, Kolos, 1964. 471 p.
(MIRA 18:1)

OZEROV,

"Concerning the Problem of Foot-and-Mouth Disease". Vet. praktika, 1930, No. 7-8.

OZEROV, A.

Bolezni Selskokhoziaistvennykh Zhivotnykh I Zoogigiena (Diseases of Farm Livestock and Zoological Hygiene)

591 p. 1.75

SO: Four Continent Book List, April 1954

M

9

DISPERSED DEPOSITS OF METALS AT HIGH CURRENT DENSITIES. M. Loshkarev, A. Ozerov, and N. Kudryavtsev (Zhur. Prikład. Khim., 1949, 22, (3), 294–306).—(In Russian). To investigate the influence of diffusion processes on the structure of electrodeposits, the authors studied the dependence of the

polarization (η) and capacity (C) of the electrode on the c.d. (D) during electrolysis of acid $CuSO_4$ baths. η was measured 10 min. after closing the circuit, using as cathode 2 cm.^{2} of platinum previously given a smooth dense deposit from the same bath for 5–10 min. at $D = 0.5\ D_{lim}$ (D_{lim} is the c.d. at which a powdery deposit first begins to form). C was then determined by the method used by Florisova and Proskurnin (*Acta Physicochim. U.R.S.S.*, 1936, **4**, 819; *Met. Abs.*, 1937, **4**, 452). C (and therefore the true surface area of the electrode) and η remained fairly const. up to $D = D_{lim}$. At D_{lim}, C and η increase sharply and visible powdery deposits are obtained. D_{lim} = 78 m.amp./cm.^{2} for the bath N-H_2SO_4, N-$CuSO_4$, at 30° C., whereas calculation from the diffusion coeff. gave D_{lim} = 55 m.amp./cm.^{2}. This discrepancy is due to the vertical movement of the layer next to the cathode, not taken into account in the calculation. Hydrogen evolution took place only when $D > D_{lim}$, and was therefore not responsible for the formation of powdery deposits. Using larger (1 dm.^{2}) electrodes, the effect of D on the yield of disperse deposit was investigated for various copper concentrations and bath temp. The yield was a maximum at D_{lim}, decreasing as D increased further and hydrogen was evolved. An increase in temp. or copper concentration gave increased yields at $D > D_{lim}$ and increased particle size (increasing D led to a decrease in particle size). However, as the temp. increased further, the yield of powder eventually reached a maximum, then

Aug. 1951

fell sharply, whilst the yield of compact copper deposit increased. This appears to be due to a change in the Cu^{++} diffusion coeff. The views of Kudra *et al.* are criticized, and it is shown that the formation of powdery deposits is due not to the reasons they advance but to the influence of the diffusion process. This was confirmed by using an oscillographic method to observe changes in η during the course of the electrolysis. The dependences of η and C on D was also studied for copper, silver, nickel, cadmium, and cobalt cathodes, respectively, in the following baths: $CuSO_4 + NH_3$; $NaAg(CN)_2 + NaCN$; $NiSO_4 + (NH_4)_2SO_4 + NaCl$; $CdSO_4 + H_2SO_4$; $CoSO_4 + (NH_4)_2SO_4 + NaCl$. All the results confirm that the change from compact to disperse deposits is connected with a sudden reduction in concentration of the discharging ions in the cathodic film as D is raised to D_{lim}.
—G. V. E. T.

OZEROV, A.

USSR/Chemistry - Dispersion
Chemistry - Cathode

Mar 49

"Dispersed Metal Deposits Occurring at High Voltages," M. Loshkarev, A. Ozerov, N. Kudryavtsev, 8 pp

"Zhur Priklad Khim" Vol XXII, No 3

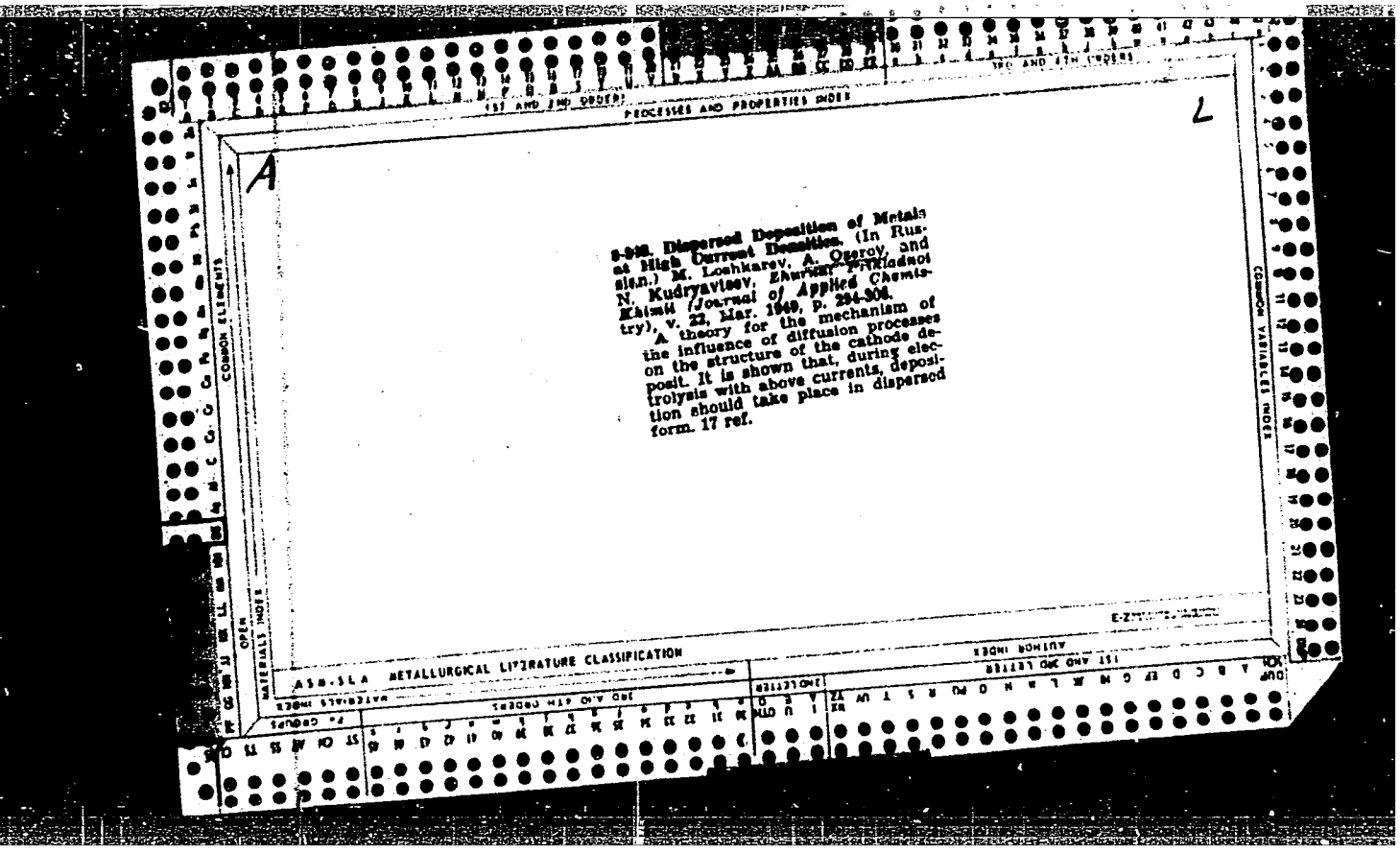
Explains action of diffusion processes on structure of deposits on cathode. Shows that, with high electrolyzing currents, metal precipitates in dispersed form. Precipitation of copper from $CuSO_4$ changed from solid to dispersed state as relative current at cathode was increased. In all cases diffused precipitation begins with maximum diffustion current. Submitted 1 May 48.

PA 48/49T16

OZEROV, A.D.

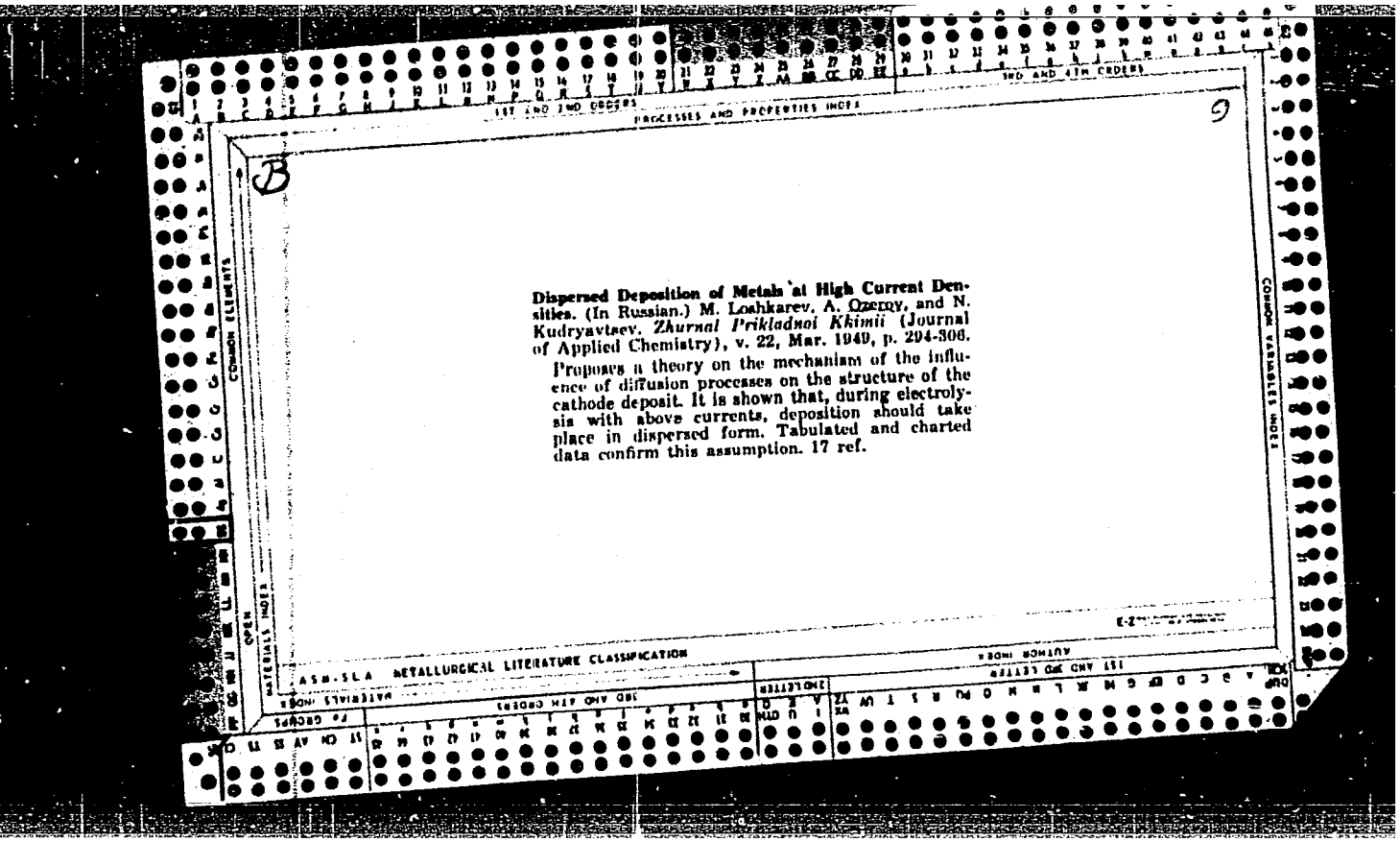
GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva); BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor (Moskva); BEKERMAN, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G., professor (Leningrad); GERTSBERG, V.G., professor (Kazan'); GINZBERG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.G, professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad); DRACHINSKAYA, Ye.S., dotsent (Leningrad); YELANSKIY, N.N., professor (Leningrad); KORNEV, P.G., professor (Leningrad); KOCHERGIN, I.G., professor (Moskva); LIMBERG, A.A., professor (Leningrad); LINBERG, B.E., professor (Moskva); MEZENEV, S.A., dotsent (Leningrad); NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Leningrad) [deceased]; OSTEN-SAKEN, E.Yu., professor (Leningrad) [deceased]; PETROV, N.N., professor (Leningrad); POLENOV, A.L., professor (Leningrad); SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor (Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad); SHABANOV, A., redaktor

[Manual of specialized surgery] Uchebnik chastnoi khirurgii. Sost. I.S.Babchin i dr. Izd. 2-oe, ispr. i dop. Moskva, Narkomzdrav SSSR, Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MIRA 10:2)
(SURGERY)



9-918. **Dispersed Deposition of Metals at High Current Densities.** (In Russian.) M. Loshkarev, A. Ogorov, and N. Kudryavtsev, *Zhurnal Prikladnoi Khimii [Journal of Applied Chemistry]*, v. 22, Mar. 1949, p. 294-304.

A theory for the mechanism of the influence of diffusion processes on the structure of the cathode deposit. It is shown that, during electrolysis with above currents, deposition should take place in dispersed form. 17 ref.



Dispersed Deposition of Metals at High Current Densities. (In Russian.) M. Loshkarev, A. Ozerov, and N. Kudryavtsev. *Zhurnal Prikladnoi Khimii* (Journal of Applied Chemistry), v. 22, Mar. 1949, p. 294-306.

Proposes a theory on the mechanism of the influence of diffusion processes on the structure of the cathode deposit. It is shown that, during electrolysis with above currents, deposition should take place in dispersed form. Tabulated and charted data confirm this assumption. 17 ref.

Brit. Abs

D1 / Electrodeposition

Deposition of metals in the dispersed state at high current densities. M. Loshkarev, A. Gnezdyr, and N. Kudryavtsev (*J. appl. Chem., U.S.S.R.*, 1949, [illegible]).—Measurements of polarisation during electrodeposition of Cu, Ag, Ni, Co, and Cd at various c.d. together with electrode-capacity determinations show that the transition from compact to dispersed deposition is connected with the sudden lowering of the concn. of ions being discharged as the c.d. is raised to the value of the limiting diffusion current. With other c.d., if the normal growth of the crystals is not complicated by adsorption of hydroxides and the formation of surface oxide films, the metal is deposited as a dense conglomerate. Deposition was carried out on Pt previously electrocoated with the metal, and the reference electrode was a Pt wire or Ag/AgCl. The potential was measured 10 min. after closing the circuit for each c.d. The electrode was then removed, washed, and placed in N-KCl in the apparatus of Borisova and Proskurin (A., 1936, 1467) for the capacity measurement. Capacities were determined both without polarisation and with polarisation of the electrode at −0·8 v. Further work was carried out on the relation between amount of dispersed metal obtained and temp., c.d., and electrolyte concn.

G. S. Smith.

OZEROV, A. Kh.

"Surgical Treatment of Patients Suffering From Crippling Arthrito—Arthrosis of the Lower Extremities." Cand Med Sci, Kiev Medical Inst imeni A. A. Bogomolets, 23 Dec 54. (PU, 14 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

YELETSKIY, A.G., prof.; OZEROV, A.Kh., kand.meditsinskikh nauk

Open reduction of congenital dislocation of the hip in adolescents and adults. Ortop.travm.i protez. 21 no.5:23-28 My '60.
(MIRA 13:9)

1. Iz pervogo klinicheskogo otdeleniya (zav. - prof. A.G. Yeletskiy) Ukrainskogo instituta travmatologii i ortopedii v Kiyeve (ispolnyayushchiy obyazannosti direktora - N.N. Musiyenko).
(HIP JOINT—DISLOCATION)

OZEROV, A.Kh., kand.med.nauk

Deflection and curvature of the femoral neck in the frontal plane. Ortrop.travm.i protez. 21 no.5:71-73 My '60. (MIRA 13:9)

1. Iz pervogo klinicheskogo otdeleniya (zav. - prof. A.G. Yeletskiy) Ukrainskogo instituta travmatologii i ortopedii (ispalnyayushchiy obyazannosti direktora - N.N. Musiyenko).
(FEMUR—RADIOGRAPHY)

OZEROV, A.Kh., kand. med. nauk (Kiyev, ul. Chapayeva, d.11, kv.5); OSTAPCHUK, A.D.

Methodology for correcting the angle of inclination and deviation of the femoral neck in surgical treatment of congenital dysplasia of the hip joint. Ortop., travm. i protez. 24 no.11:64-69 N '63. (MIRA 17:10)

1. Iz kliniki ortopedii i travmatologii dlya vzroslykh (rukovoditel' - prof. A.G. Yeletskiy) Ukrainskogo instituta ortopedii i travmatologii v Kiyeve (dir. - dotsent I.P. Alekseyenko, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov).

YANKOVSKAYA, A.S., kand.med.nauk; OZEROV, A.Kh., kand.med.nauk

Some indices of the vitamin balance in arthritic arthroses. Ortop., travm.i protez. 23 no.6:29-33 Je '62. (MIRA 15:9)

1. Iz laboratorii fiziologii (zav. - prof. S.I. Fudel'-Osipova) Ukrainskogo instituta ortopedii i travmatologii (dir. - dotsent I.P. Alekseyenko, nauchnyy rukovod. - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov). Adres avtorov: Kiyev, ul. Vorovskogo 27, Institut ortopedii.
(ASCORBIC ACID) (THIAMINE) (ARTHRITIS, RHEUMATOID)

OZEROV, A.Kh., doktor med. nauk (Kiyev, ul. Chapayeva, d.11, kv.5)

Arthrosis deformans. Ortop., travm. i protez. 25 no.8:75-82 Ag '64. (MIRA 18:4)

OZEROV, A. M., inzh.

High-speed operation of drum-type pickup attachment. Mekh. i elek. sots. sel'khoz. 20 no.6:54-55 '62. (MIRA 16:1)

(Harvesting machinery)

OZEROV, A.M., inzh.

Effect of certain parameters of the picker and roller on a hay crushing process. Trakt. i sel'khozmash. 31 [i.e.32] no.11:29-31 N '62. (MIRA 15:12)

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

(Hay--harvesting)

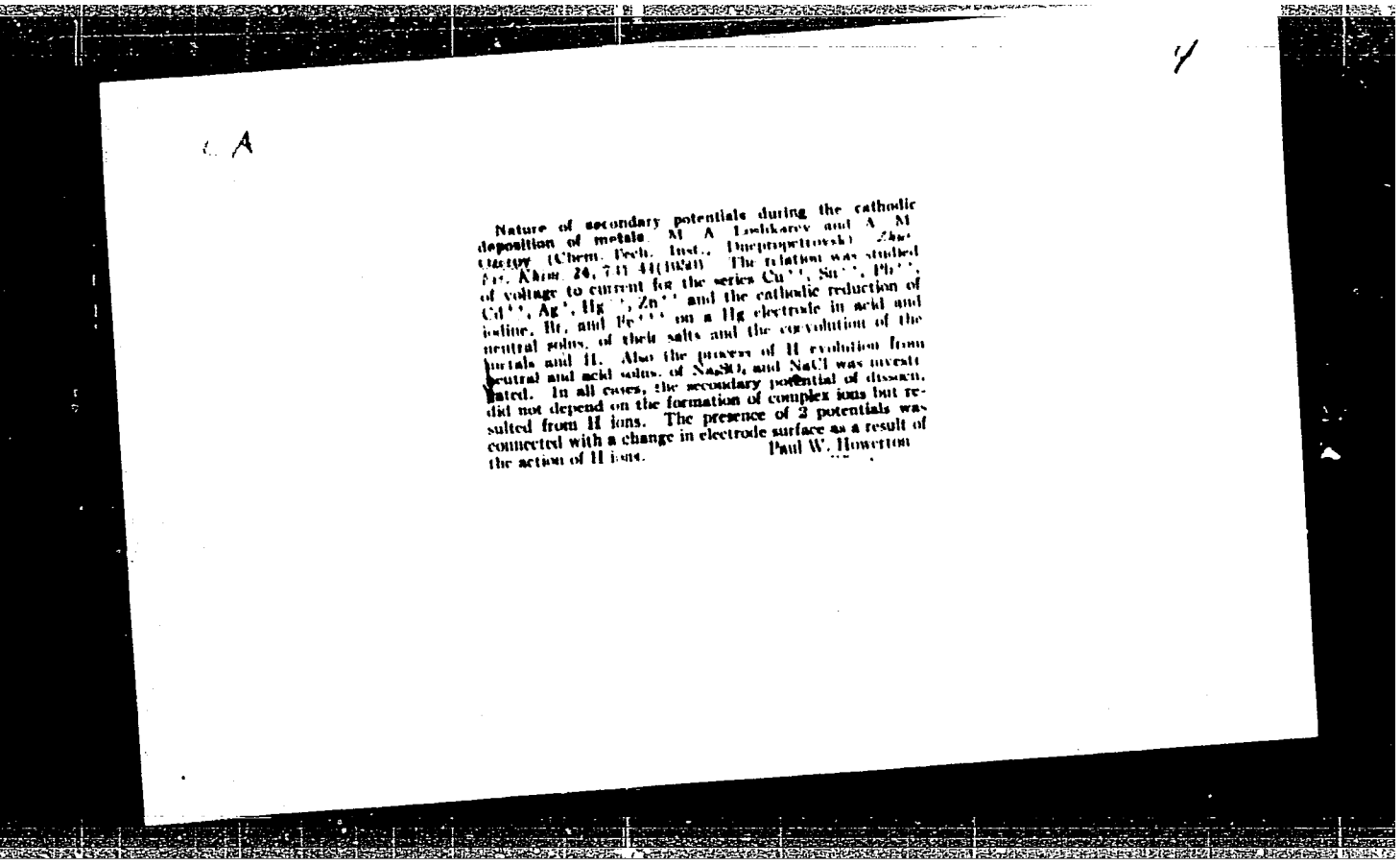
Ozerov, A. M. Cand Chem Sci

Dissertation: "Causes For Dispersed Deposition of Metals at High Current Densities."

10 June 49

Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev.

SO Vecheryaya Moskva
Sum 71



A

Nature of secondary potentials during the cathodic deposition of metals. M. A. Loshkarev and A. M. Gurov (Chem. Tech. Inst., Dnepropetrovsk). Zhur. Fiz. Khim. 24, 741-44(1950). The relation was studied of voltage to current for the series Cu^{++}, Sn^{++}, Pb^{++}, Cd^{++}, Ag^{+}, Hg^{++}, Zn^{++} and the cathodic reduction of iodine, Br, and Fe^{+++} on a Hg electrode in acid and neutral solns. of their salts and the coevolution of the metals and H. Also the process of H evolution from neutral and acid solns. of Na_2SO_4 and NaCl was investigated. In all cases, the secondary potential of dissociation did not depend on the formation of complex ions but resulted from H ions. The presence of 2 potentials was connected with a change in electrode surface as a result of the action of H ions.

Paul W. Howerton

OZEROV, A. M.

183T47

USSR/Chemistry - Electrolytic Refining of Metals Jun 51

"Lowering of the Overvoltage of Hydrogen," M. A. Loshkarev, A. M. Ozerov

"Zhur Prik Khim" Vol XXIV, No 6, pp 597-603

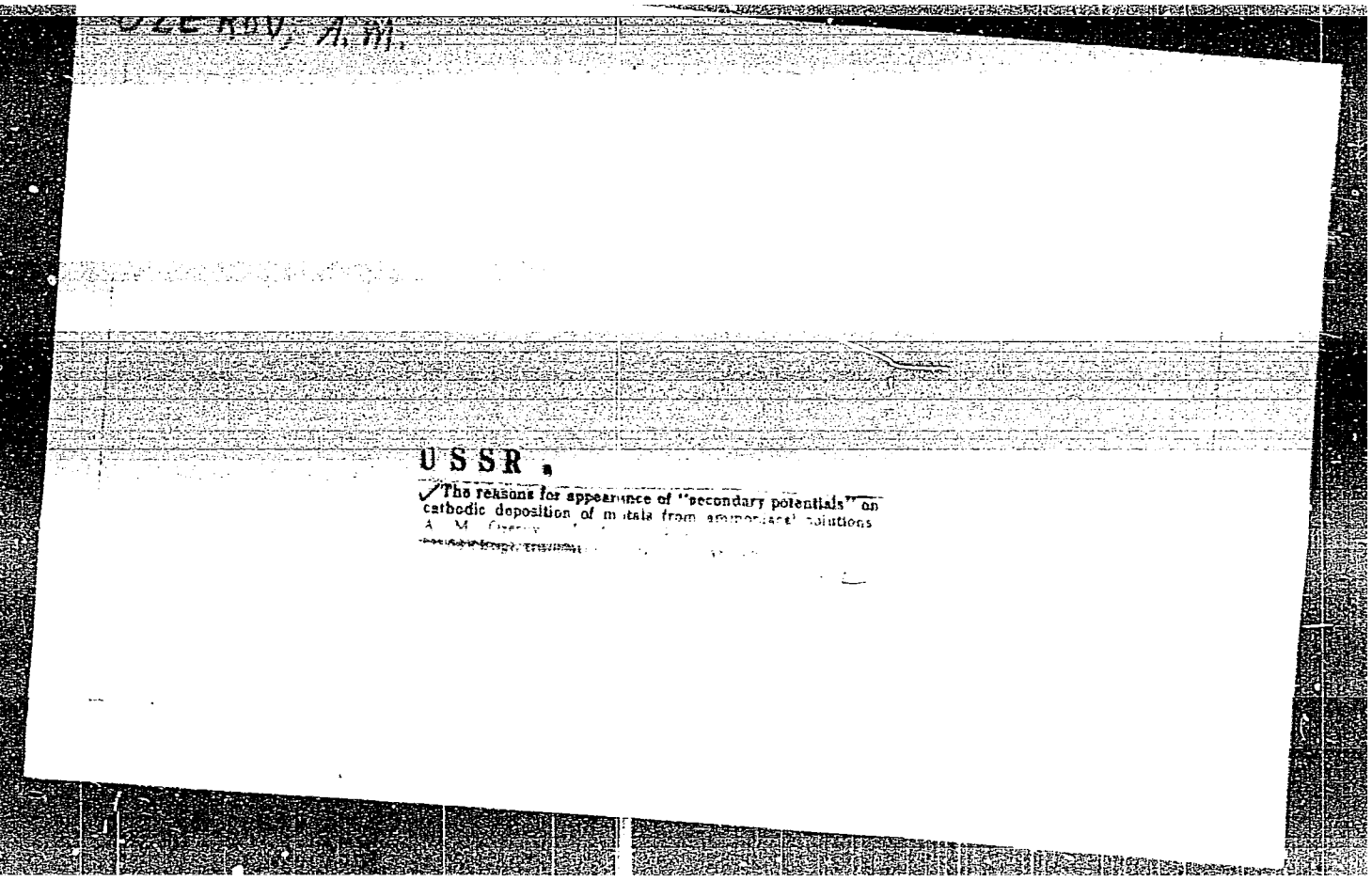
Exmd overvoltage of hydrogen in 1-n H_2SO_4 soln and in 22% KOH on compact and dispersed electrolytic deposits of Pt, Ag, Cu, Bi, Sn, Ni, and Fe, and on 2-component metallic systems Cu-Ag, Sn-Cu, Fe-Ni. Overvoltage can be reduced by more than 0.4 v with use of electrolytically prepd powdered electrodes.

183T47

USSR/Chemistry - Electrolytic Refining of Metals (Contd) Jun 51

Lowering of overvoltage is due not only to lowering of actual cd in connection with increase in actual cathode surface, but occurs to large extent at expense of increase in const of rate of discharge of H ions.

183T47



USSR

The reasons for appearance of "secondary potentials" on cathodic deposition of metals from ammoniacal solutions

OZEROV, A. M.

USSR 7

[illegible] of the Appearance of "Second Potentials" in the [illegible] Deposition of Metals from [illegible] Solutions. A. M. Ozerov (Zhur. Priklad. Khim., 1953, 26, (11), 1218–1223 (in Russian); J. Appl. Chem. U.S.S.R., 1953, 26, (11), [illegible] Russian attempts to [illegible]

For certain baths which give two [illegible] the first inflection [illegible] current curves, some authors attributed the first inflection to the discharge of simple hydrated ions and the formation of a dense deposit, and the second to the discharge of complex ions and the production of a disperse deposit, but Lozhkarev and O. (Zhur. Fiz. Khim., 1950, 24, 701; M.A., 20, 497) showed that this second decomposition potential was due to discharge of H⁺ ions, and not to complex ions. This has now been confirmed by a polarographic investigation of solns. contg. the complex ions $[Cu(NH_3)_4]^{2+}$, $[Ag(NH_3)_2]^+$, and $[Cd(NH_3)_4]^{2+}$. The base soln. contained NaCl, Na_2SO_4, and $NaClO_4$. While the first potential depended on the nature of the discharged ion (Cu^{2+}, Ag^+, Cd^{2+}), the second potential was the same (−2·0 V.) in each soln. and the limiting value of the current was never reached. The same value of the second potential was obtained in the cathodic reduction of Fe^{3+} to Fe^{2+}. The wave is due to the discharge of H⁺ ions and partly of Na ions out of the weakly alkaline layers of soln. adjacent to the dropping Hg electrode.—G. V. E. T.

Ozerov, A.M.

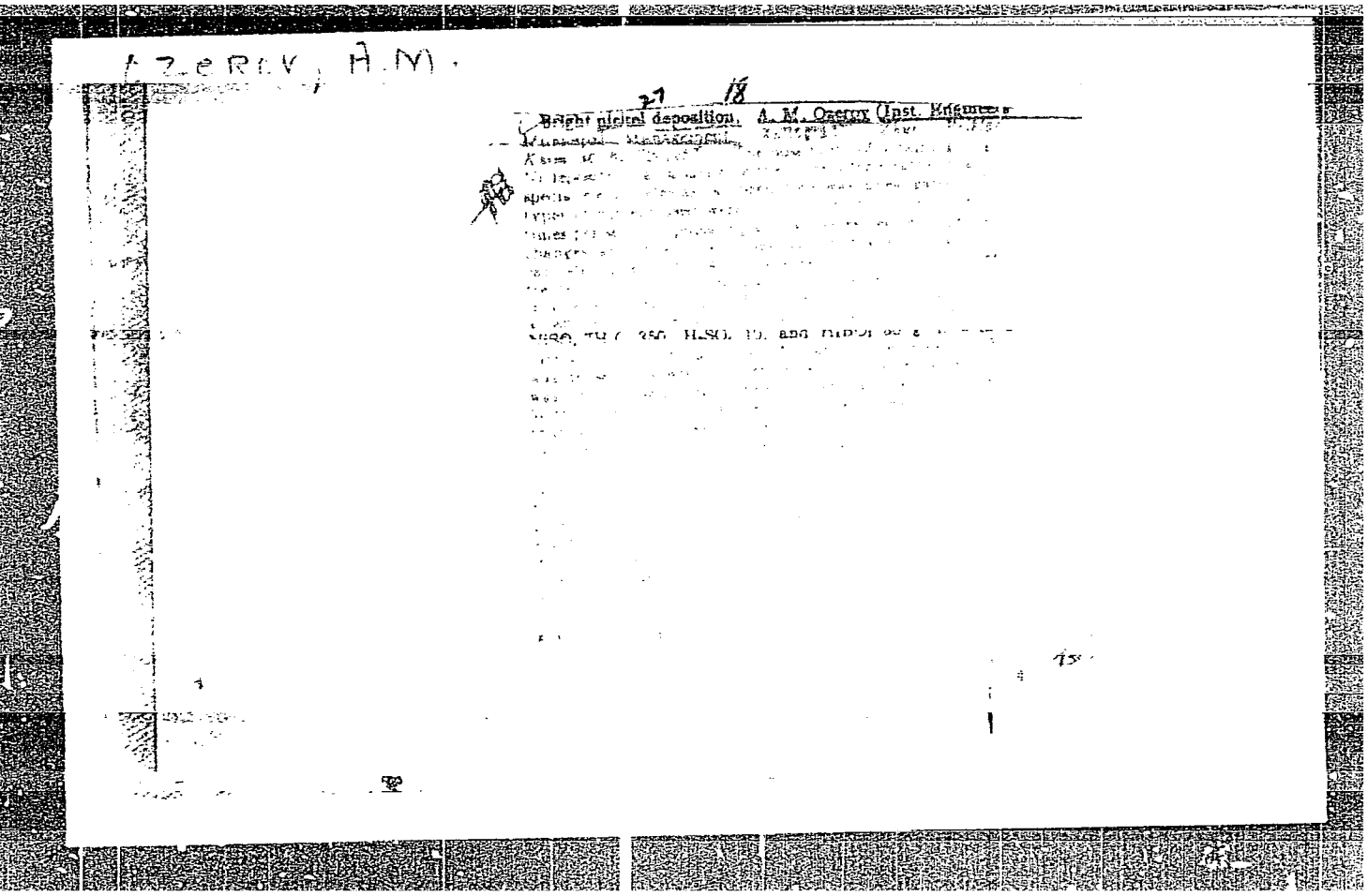
400

2

Chem

Causes of "secondary potentials" during the cathodic deposition of metals from acetone solutions. A. M. Ozerov and A. V. Yakovleva. *Zhur. Priklad. Khim.* 29, 124–9 (1956); *cf. C.A.* 44, 10547*i*.—The relation between the cathode potential E and the current strength i for electrode processes at a dropping Hg electrode in Me_2CO solns. was detd. at 25° for CdI_2, $CuCl_2$, $ZnCl_2$, $Bi(NO_3)_3$, $Sr(NO_3)_2$, and CuBr with and without $LiNO_3$. Without $LiNO_3$ the curves E vs. i increased gradually to large values of E; this was ascribed to an appreciable increase of the ohmic resistance of the electrode film in the range of high values of i. In the presence of $LiNO_3$ (0.6*N*) 2 distinct breaks appeared in the curves. The 1st break E_1 corresponded to the deposition of the simple ions and the formation of dense deposits on the cathode; E_1 was different for the different ions. The 2nd break E_2 occurred at values approaching 2 v., and was the same for all salts and in solns. acidified with HCl. Thus, the occurrence of secondary potentials could not be due to complexes (cf. Kudra, *et al.*, *C.A.* 45, 8378*h*) and could be accounted for only by the assumption of partial reduction of Me_2CO and the discharge of some Li^+.

I. Bencowitz



OZEROV, A.M.

Performance of a combine loader operating at various speeds. Stor. rab. GOSNITI no.17:76-85 '62. (MIRA 17:9)

OZEROV, A.M.

Electrodeposition of chromium. Part 1: Using a rotating disk platinum electrode. Izv.vys.ucheb.zav.; khim.i khim.tekh. 5 no.1:126-132 '62. (MIRA 15:4)

1. Volgogradskiy institut inzhenerov gorodskogo khozyaystva, kafedra khimii.
(Chromium plating) (Electrodes, Platinum)

S/081/62/000/002/063/107
B156/B101

AUTHORS: ~~Ozerov, A. M.,~~ Belyakov, Yu. M.

TITLE: Anti-corrosion and decorative coatings

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 368, abstract 2K137 (Sb. tr. Stalingr. in-t inzh. gor. kh-va, v. 2, 1959, 136-148)

TEXT: The following matters are examined: the electrodeposition of bright metal (Zn, Ni, Cu) and alloy (Zn-Ni) coatings, the protective properties of Ni-coatings, chromium plating (self-regulating and fast electrolytes), and the chemical deposition of Ni, Cr, Cu, Co-Ni and As-Zn. 18 references. [Abstracter's note: Complete translation.]

Card 1/1

S/081/62/000/002/063/107
B156/B101

AUTHORS: Ozerov, A. M., Belyakov, Yu. M.

TITLE: Anti-corrosion and decorative coatings

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 368, abstract 2K137 (Sb. tr. Stalingr. in-t inzh. gor. kh-va, v. 2, 1959, 136-148)

TEXT: The following matters are examined: the electrodeposition of bright metal (Zn, Ni, Cu) and alloy (Zn-Ni) coatings, the protective properties of Ni-coatings, chromium plating (self-regulating and fast electrolytes), and the chemical deposition of Ni, Cr, Cu, Co-Ni and As-Zn. 18 references. [Abstracter's note: Complete translation.]

Card 1/1

32395
S/080/62/035/001/006/013
D258/D304

1.1800 1087 3519

AUTHOR: Ozerov, A. M.

TITLE: The influence of ultrasound on the electrodeposition of chromium

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no.1, 1962, 115-122

TEXT: The author studied the electrodeposition of Cr from H_2CrO_4 solutions at 45°C under the influence of ultrasonic vibrations in the range of 22 - 1000 kc/s. It was found that the reduction to Cr^0 was only slightly influenced, while the rates of reduction of Cr^{+6} to Cr^{+3} and of $2H^+$ to H_2 were markedly increased. Specifically, a solution of H_2CrO_4 (250 g/l CrO_3; 2.5 - 5 g/l H_2SO_4) was electrolyzed in a cylindrical glass vessel, placed either directly on a magnetostrictor or in a vessel filled with transformer oil and placed in turn on the emitter. The rectangular cathode was situated at exactly the height corresponding to a maximum vibration. Two

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The influence of ultrasound ...

platinum plates served as anodes. The cathode was placed either at right angles to or parallel with both anodes and direction of vibration. Direct current was used throughout. No significant influence of vibration on the current efficiency could be detected. Thus, when operating at right angles, with a cathode of a surface of 2 cm^2, the efficiency at a current density of amp/dm^2 was zero at all frequencies; that at 10 amp/cm^2 was zero at all frequencies except 10% at 1000 kc/s; at 15 amp/dm^2 it was 19.7% at zero frequency, 14.8% at 22 kc/s, 13.4% at 300 kc/s, 11.2% at 600 kc/s, and 14.4% at 1000 kc/s. The maximum C. D. (30 amp/cm^2) yielded 18.7% and 18.6% at the last 3 frequencies, compared with 20.3% when no ultrasound was used. Comparison of microphotographs showed that there is almost no influence of ultrasound on the form of the deposit. In a second series at 300 kc/s, a copper cathode was used. The position of the cathode in relation with the direction of vibration and the anode position was found to be of no importance. In the same series, detailed measurements of current efficiency, deposition voltage, and thickness of deposit were compared against similar measurements and zero frequency. It was

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The influence of ultrasound ...

found that the use of ultrasound reduces the efficiency at below 30 amp/dm^2 and slightly enhances it at 40 amp/dm^2 and more. The polarization curve (Fig. 5) shows that ultrasound increases the rate of reduction of $Cr^{+6} \rightarrow Cr^{+3}$ and of $2H^+ \rightarrow H_2$. The experimental results are said to confirm the assumption that the reduction $Cr^{+6} \rightarrow Cr^{o}$ is induced by extraneous ions (e.g. $SO_4^{=}$) which are part of the"mobile" cathode layer adsorbed on the cathode. There are 5 figures, 2 tables and 46 references: 7 Soviet-bloc and 39 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: D. J. Fichlock, Metal Ind. 93, 6, 109 (1958); Harry A. Reid, Pacij. Factory, 89, 3, 30, 46 (1958); A. Roll, Metal Finish 55, 9, 55-58, 63 (1957); T. J. Bulat, Metal Finish, 55, 8, 65 (1957).

SUBMITTED: October 1, 1960

Card 3/3

OZEROV, A.M., inzh.

OZEROV A M

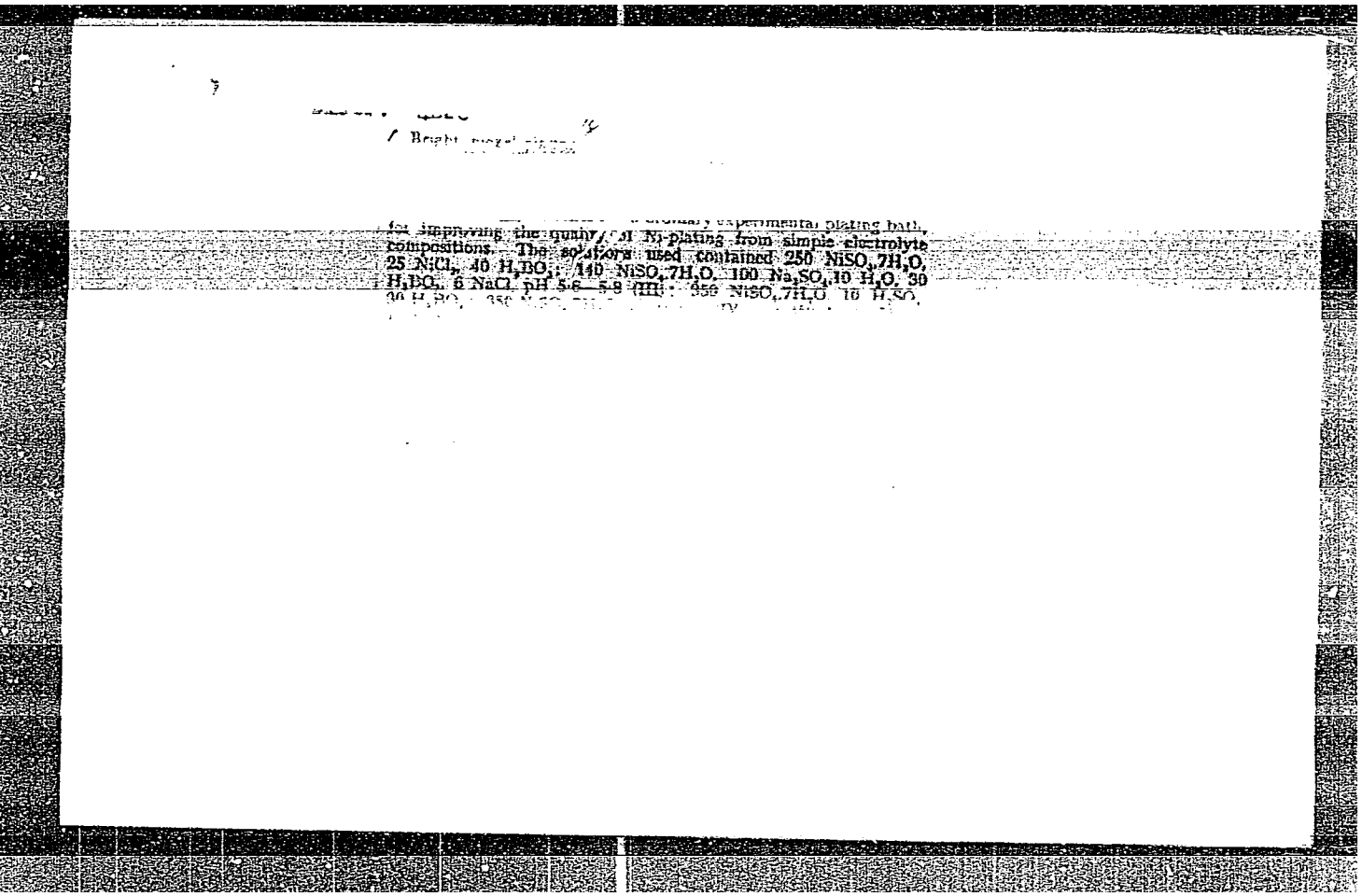
A. M. Ozerov (Inst. Engineers

OZEROV, A.M.; YEREMINA, I.N.

Use of an asymmetric alternating current in electrodeposition of metals. Zhur. prikl khim. 31 no.7:1058-1067 Jl '58. (MIRA 11:9)
(Electroplating) (Electric currents, Alternating)

OZEROV, A.M.

Electrolysis of cadmium sulfate solutions. Zhur.prikl.khim. 30 no.8:1169-1176 Ag '57. (MIRA 11:1)
(Electrolysis) (Cadmium sulfate)

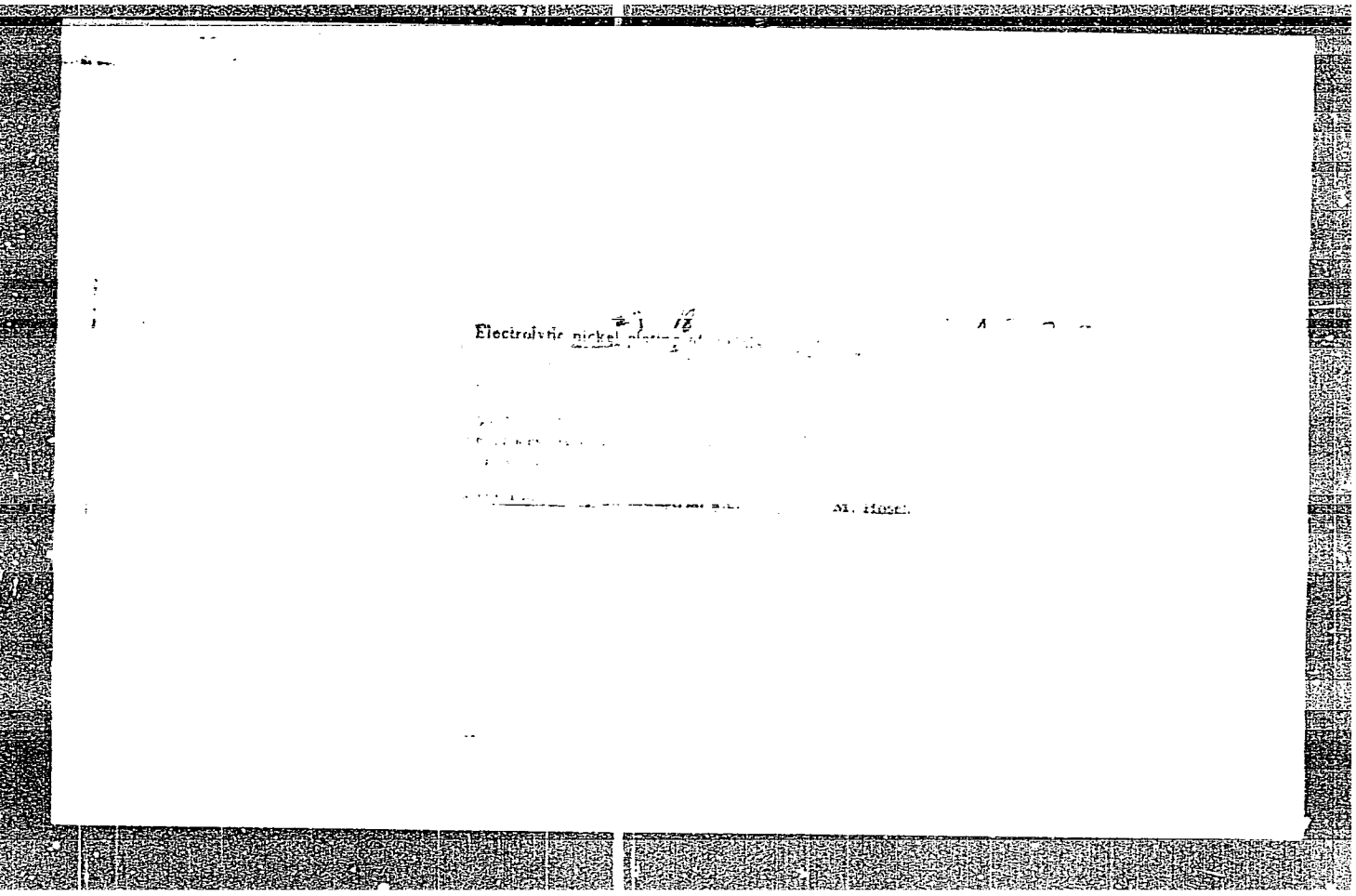


for improving the quality of Ni-plating from simple electrolyte compositions. The solutions used contained 250 $NiSO_4.7H_2O$, 25 $NiCl_2$, 40 H_3BO_3; 140 $NiSO_4.7H_2O$, 100 Na_2SO_4.10 H_2O, 30 H_3BO_3, 6 NaCl, pH 5.6—5.9 (III); 250 $NiSO_4.7H_2O$, 15 H_2SO_4,

Czekov, M. M.

Electrolysis of cadmium sulfate solutions

tial shifted toward more electropos. values as the concn. of Cd^{++} increased from 30 to 90 g./l., at the same acidity (200 g. H_2SO_4/l.), and with the temp. (up to 70°). It shifted towards more electr[illegible] values as the concn. of



Electrolytic nickel

OZEROV, A.S.

The synanthropic flies in Vologda. Med.paraz. i paraz.bol. 27 no.1:103-104 Ja-F '58. (MIRA 11:4)

1. Iz sanitarno-epidemiologicheskoy stantsii st. Vologda Severnoy zheleznoy dorogi.
(FLIES,
count of various species in Vologda Region (Rus))

OZEROV, A.S.

OZEROV, A.S.

Detection of Culex molestus (Forsk.) in Vologda. Med.parasz. i paraz. bol.supplement to no.1:55 '57. (MIRA 11:1)

1. Iz sanitarno-epidemiologicheskoy stantsii Severnoy zheleznoy dorogi pri stantsii Vologda.
(VOLOGDA--MOSQUITOES)

GAS'KOV, L.M., kand. ekonom. nauk; KORNHOV, Ya.G., kand. tekhn. nauk; OZEROV, A.S.; FILATOV, Ye.V.

Characteristics of the transportation of whale and vegetable oils in merchant marine tank vessels. Trudy TSNIIMF no.52: 64-77 '63 (MIRA 18:1)

OZEROV, A. V. Prof.

"Diseases of Agricultural Animals and Zoohygiene," Ogiz-Selkhozgiy, pp. 126-221, 1948, Moscow.

Translation U-1692, 19 Feb 52

OZEROV, A. V.

"Analysis of the Process of Plow-Dump-Formation and Determination of the Optimum Parameters of the Dump Plow." Sub 4 Jul 51, Moscow Mining Inst imeni I. V. Stalin

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

1. OZEROV, A. V. and YAGOVKIN, A. F.

2. USSR (600)

4. Farm Buildings

7. Construction of livestock barns. Sots.zhiv. 14 no. 11, 1952.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

OZEROV, A. V.

N/5
641
.09
1954

Osnovy mikrobiologii, veterinarii i zoogigiyeny (Elements of microbiology, veterinary science, and veterinary hygiene) Izd. 5-e, ispr. i dop. Moskva, Sel'khozgiz, 1954.

494 p. illus., diagrs., tables (Uchebniki i uchebnyye posobiya dlya sel'skokhozayastvennykh tekhnikumov)

OZEROV, ALEKSANDR VASIL'YEVICH

OZEROV, Aleksandr Vasil'yevich, prof.; ZHURAVEL', A.A., prof.; BURDEINY, T.Ye., prof.; NECHAYEVA, Ye.G., red.; MAKHOVA, N.N., tekhn.red.; ZUBRILINA, Z.P., tekhn.red.

[Practical laboratory exercises in veterinary medicine] Laboratorno-prakticheskie zaniatiia po veterinarii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 238 p. (MIRA 11:4)
(Veterinary medicine)

OZEROV, A.V.

SMETNEV, S.I.; OZEROV, A.V., doktor vet. nauk; SHAPOVALOV, Ya.Ya.; starshiy nauchnyy sotrudnik; BELOV, L.M., zootekhnik; VOSKRESENSKIY, S.A., vet. vrach.

Raising chicks of Russian breeds on dry feeds and deep litter. Ptitsevodstvo 8 no.2:10-16 F '58. (MIRA 11:1)

1. Ordena Lenina Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A. Timiryazeva. 2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Smetnev).

(Poultry--Feeding and feeding stuffs) (Litter (Bedding))

ZHIDKIKH, Z.A., kand. sel'skokhozyaystvennykh nauk; OZEROV, A.V., doktor vet. nauk; VOSKRESENSKIY, B.A., vet. vrach.

Raising young turkeys for meat on deep litter and dry feeds. Ptitsevodstvo 8 no.5:16-20 My '58. (MIRA 11:5)
(Turkeys--Feeding and feeding stuffs)
(Litter (Bedding))

OZEROV, A.V., prof.; VOSKRESENSKIY, B.A., vetvrach

Evaluating the method of keeping chicks on deep litter from a hygienic point of view. Zhivotnovodstvo 21 no.5:57-58 My '59. (MIRA 12:7)
(Poultry) (Litter (Bedding))

OZEROV, A. V.

"About the book 'Silicosis of agricultural animals.'"

Veterinariya, Vol. 37, No. 2, 1960, p. 81

USSR/Farm Animals. Domesticated Fowl. Q

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92657.

Author : Smetnev, S.I., Ozerov, A.V., Shapovalov, Ya. Ya., Puchkov, Ye. A., Luk'yanova, V.D., Voskresenskiy, V.A.
Inst : Moscow Agricultural Academy im. K.A. Timiryazev.
Title : Raising Chicks on Deep Litter.

Orig Pub: Ptitsevodstvo, 1957, No 126-131.

Abstract: The experiment was made at the experimental base of the Moscow Agricultural Academy im. K.A. Timiryazev. 850 day old chicks of the Russian White, Moskovskiy, Kuchinskiy, Jubilee, Livenskiy varieties were placed in individual sections of the coop with 12-14 chicks per square meter of floor. Dry slaked lime was poured onto the floor (1 kg per 1 m^2

Card : 1/2

USSR/Farm Animals - Large Horned Cattle. 0-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83372

Author : Ozerov, A.V.

Inst : Moscow Academy of Agriculture imeni K.A. Timiryazev.

Title : Hygienic Summer Keeping of Dairy Cattle.

Orig Pub : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, 1957, vyp. 30, ch. 2, 91-98.

Abstract : No abstract.

Card 1/1

USSR/Farm Animals - Poultry. 0-3

Abs Jour : Ref Zhur - Biol., No 1, 1959, 2732

Author : Ozerov, A.V., Puchkov, V.A., Voskresenskiy, B.A.

Inst : Moscow Agricultural Academy imeni K.A. Timiryazev

Title : Zoohygienic Assessment of the Maintenance of Chicks on a Deep Litter.

Orig Pub : Dokl. Mosk s.-kh. akad. im. K.A. Timiryazeva, 1957, vyp. 30, ch. 2, 234-239.

Abstract : The thickness of the litter layer consisting of minute wood shavings was 3-4 cm at the beginning of the test, and 20-22 cm at the end of 3 months. Once every 1.5-2 weeks it was overlain by a layer of clean and dry litter. The density of the rearing of chicks was 12-14 head per sq. meter of floor area. The temperature of the litter

LOBANOV, P.P., BREZHNEV, D.D., ROSTOVTSEV, N.F., POPOV, I.S., NIKOLAYEV, A.I., SMETNEV, S.I., BURLAKOV, N.M., ARZUMANYAN, Ye.A., BARYSHNIKOV, P.A., BELYAYEV, N.M., BLOMKVIST, M.S., BORISENKO, Ye.Ya., BURDELEV, T.P., BYCHKOV, N.P., VSYAKIKH, A.S., DAVIDOV, R.B., KUDRYAVTSEV, P.N., KUSHNER, Kh.F., LEVANTIN, D.L., NOVIKOV, Ye.A., OZEROV, A.V., STARTSEV, D.I., SUKHANOV, N.P., SHVABE, A.K., YURMALIAT, A.P., [Jurmalietis, A.P.].

In memory of Academician Efim Fedotovich Liskun. Zhivotnovodstvo 20 no. 7:84-85 Jl '58.
(Liskun, Efim Fedotovich, 1873-1958)

OZEROV, B.; SHTERENTAL', A., starshiy prepodavatel' (Leningrad)

How the Leningrad Branch of the Institute of Technical Education conducts training in schools of progressive practices. Zhil.-kom. khoz. 10 no.5:28-30 '60. (MIRA 13:10)

1. Direktor Leningradskogo filiala Instituta tekhnicheskogo obucheniya (for Ozerov).
(Leningrad—Technical education)

9(0) SOV/112-59-2-3684

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 207 (USSR)

AUTHOR: Ozerov, B. G.

TITLE: Outfit for Polarizing Barium Titanate Plates
(Ustanovka dlya polyarizatsii plastin titanata bariya)

PERIODICAL: Sb. tr. Leningr. fil. Vses. n.-i. in-ta stroit. i dor. mashinostr., 1957, Vol 1, pp 88-90

ABSTRACT: A small-size outfit for polarizing barium titanate plates at voltages up to 8-15 kv is described. The outfit operates on the principle of exciting high-voltage high-frequency oscillations in an impulse generator. A self-excited oscillator is designed with a G-807 tube and has a blocking-oscillator scheme. The high-frequency voltage is rectified by a high-voltage kenotron, smoothed and applied to a barium-titanate polarization chamber. The high-voltage can be continuously adjusted and can be read on an indicating instrument. The front door of the polarization chamber is made from plexiglas

Card 1/2

Outfit for Polarizing Barium Titanate Plates

and is interlocked with the high-voltage circuit. Outside dimensions of the outfit are: 250 x 280 x 350 mm; its weight, 7.6 kg. Its consumption is 46 w. Photographs of the outfit and its schemes are presented.

Yu. Ya. T.

OZEROV, B.G., inzh.

The TSU-5P tensiometer. Stroi. i dor. mashinostr. 5 no.5:21-22 My '60. (MIRA 14:4)

(Tensiometers)

OZEROV, B.G.

Equipment for polarization of barium titanate plates. Sbor.trud. VNIIStroidormash Lenfil. no.1:88-90 '57. (MIRA 1[illegible]:[illegible])
(Polarization (Electricity)) (Barium titanate)

OZEROV, B. N.

"Spherical Peat," Torf. Prom., No. 4, 1948. Cand. Tech. Sci.

ABKHAZI, V.I.; ANTONOV, V.Ya.; BELOKOPYTOV, I.Ye.; VARENTSOV, V.S.; GORYACHKIN, V.G.; ZYUZIN, V.A.; KRYUKOV, M.N.; KUZHMAN, G.I.; OZEROV, B.N.; RIVKINA, Kh.I.; SEMENSKIY, Ye.P.; SOKOLOV, A.A.; SOLOPOV, S.G.; STRELKOV, S.S.; TYUREMNOV, S.N.; CHULYUKOV, M.A.

Sergei Alekseevich Sidiakin. Torf.prom. 38 no.2:40 '61. (MIRA 14:3)
(Sidiakin, Sergei Alekseevich, 1897-1960)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BLYUMENBERG, V.V.; VARENTSOV, V.S.; VELLER, M.A.; ZYUZIN, V.A.; IVANOV, V.N.; KUZHMAN, G.I.; LUKIN, A.V.; MATVEYEV, A.M.; OZEROV, B.N.; PAL'TSEV, A.G.; PEROV, N.P.; PROKHOROV, N.I.; RAKOVSKIY, V.Ye.; SEMENSKIY, Ye.P.; SOLOPOV, S.G.; TYUREMNOV, S.N.; TSUPROV, S.A.; CHULYUKOV, M.A.

Viktor Georgievich Goriachkin; obituary. Torf.prom. 39 no.4:40 '62. (MIRA 15:7)
(Goriachkin, Viktor Georgievich, 1893-1962)

OZEROV, Boris Viktorovich; GOLOD, A.G., retsenzent; SOKOLOVA, V.Ye., redaktor; MEDVEDEVA, L.A., tekhnicheskiy redaktor

[Design and operation of roving machinery for comb spinning fine wool] Ustroistvo i obsluzhivanie mashin ravnichnogo assortmenta grebennogo priadeniia tonkoi shersti. Moskva, Gos. nauchno-tekh. izd-vo Ministerstva legkoi promyshl. SSSR, 1956. 238 p. (MLRA 9:9)
(Woolen and worsted manufacture)
(Spinning machinery)

OZEROV, Boris Viktorovich; MOROZOV, S.A., retsenzent; KHRUSHCHEV, G.G., retsenzent; VARSHAVSKAYA, L.S., red.; BATYREVA, G.G., tekhn. red.

[Top and roving processing machines for worsted spinning of fine wool] Lentochnye i rovnichnye mashiny grebennogo priadeniia tonkoi shersti. Moskva, Rostekhizdat, 1962. 192 p. (MIRA 16:5)

(Woolen and worsted spinning)

OZEROV, B.V., inzh.

Universal high-pressure drying apparatus of the "Hisaka" system.
Tekst. prom. 23 no.10:87-89 O '63. (MIRA 17:1)

1. Gosudarstvennyy proyektnyy institut (GPI-1).

OZEROV, B.V., aspirant; GUSEV, V.Ye., prof., doktor tekhn. nauk

Methods for the reconditioning of roving machines with a cone circle.
Tekst. prom. 25 no.7:33-37 Jl '65. (MIRA 18:8)

1. Moskovskiy tekstil'nyy institut.

OZEROV, B.V.; GUSEV, V.Ye.

Possibility to reduce the number of intermediate drafts in the roving systems. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.4: 67-74 '65. (MIRA 18:9)

1. Moskovskiy tekstil'nyy institut.

OZEROV, B.V.

Carding machines of the Biella Plant (Italy). Tekst. prom. 23 no.7:90 Jl '63. (MIRA 16:8)

1. Glavnyy inzh. proyektov Gosudarstvennogo proyektnogo instituta No.1.
(Italy—Carding machines)

OZEROV, Boris Viktorovich; GASTEV, A.P., retsenzent [deceased]; ORLOVA, L.A., red.; MEDVEDEV, L.Ya., tekhn.red.

[Combing machines for wool spinning] Chesal'nye mashiny grebennogo priadeniia shersti. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 183 p. (MIRA 12:7)
(Combing machines) (Wool-combing)

DERYUGIN, Sergey Matveyevich; OZEROV, Boris Viktorovich; KOPELEVICH,Ye.I., redaktor; GASTEV,A.P., retsenzent; [illegible],E.M., tekhnicheskiy redaktor

[Organizing, assembling, repairing and adjusting of continuous-action spinning looms (spinning of fine wool)] Ustroistvo, montazh, remont i naladka priadil'nykh mashin nepreryvnogo deistviia (grevennoe priadenie tonkoi sherstvi). Moskva, Gos.nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1955. 207 p. (MLRA 9:3)

(Spinning machinery) (Woolen and worsted spinning)

MATVEYEVA, N.N.; SMIRNOVA, Z.M.; KUSTOVA, Z.M.; VASIL'YEVA, M.V.; GEL'CHINSKIY, B.Ya.; OZEROV, D.K.; MANUKHOV, A.V.; GOL'TSMAN, F.M.; PETRASHEN', G.I., red.; VOLKHOVER, R.S., tekhn. red.

[Papers on the quantitative study of seismic wave dynamic] Materialy kolichestvennogo izucheniia dinamiki seismicheskikh voln. Pod. rukovodstvom i red. G.I.Petrashen'. [Leningrad] Izd-vo Leningr. univ. Vol. 1. 1957. 420 p. Vo.2. 1957. 152 p. (MIRA 11:2)

1. Akademiya nauk SSSR. Matematicheskiy institut, Leningradskoye otdeleniye.
(Seismometry)

OZERCV, D.K., Cand Phys-Math Sci --(diss) "Theoretical experimental study of tranverse SH waves and Lyava waves." Len, 1959. 9 pp (Len Order of Lenin State U im A.A. Zhdanov). 150 copies (KL,37-59,106)

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GEL'CHINSKIY, B.Ya.; TSYMBAL, T.M.; OZEROV, D.K.; GOLIKOVA, G.V.

Using the dynamic theory in interpreting seismic material in several regions of Kazakhstan. Vop. din. teor. raspr. seism. voln no.4:7-43 '62. (MIRA 15:10)
(Kazakhstan—Seismic prospecting)

OZEROV, D.K.

Semigraphical method of solving inverse problems in the case of some nonhomogeneous media. Vop. din. teor. raspr. seism. voln. no.6:11-22 '62. (MIRA 16:7)

(Seismic waves)

OZEROV, D.K.; YERMILOVA, N.I.; LITVINENKO, I.V.

Using the dynamic theory in interpreting seismic material in northern Karelia. Vop. din. teor. raspr. seism. voln no.4:44-60 '62. (MIRA 15:10)

(Karelia—Seismic prospecting)

OZEROV, D.K.

Theoretical and experimental investigation of Love waves.
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