APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9

L 2118?-66 EWT(m)/EWP(t)/ IJP(c) JD/JW

ACC NR: AP6009823 SOURCE CODE: UR/0413/66/000/004/0016/0016

22
B

INVENTOR: Klimov, A. G.; Zotov, N. G.; Gaydenko, A. A.; Argunova, V. I.

ORG: none

TITLE: Preparati of hydrofluoric acid. 27 Class 12, No. 178796

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 16

TOPIC TAGS: chemical decomposition, fluorite, hydrofluoric acid, acid decomposition

ABSTRACT: This Author Certificate introduces a method of preparation of hydrofluoric acid by decomposition of fluorite. An increased recovery is achieved by decomposing fluorite concentrate with orthophosphoric acid at 250C. [JK]

SUB CODE: 07/ SUBM DATE: 24Mar65/ ATD PRESS: 4222

UDC: 546.161.07

Card 1/1 BK

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SHUFMAN, L.I.; ZOTOV, B.K.

New method for the wiring of the secondary commutation wires on panels. Prom.energ. 16 no.5:40-42 My '61. (MIRA 14:7)
(Electric apparatus and appliances)

ZOTOV, Boris Sergeyevich; LETNEV, B.Ya., red.

[Thermal-power plants] Teplosilovye ustanovki. Moskva, Kolos. Pt.2. 1964. 351 p. (MIRA 17:12)

ZOTOV, Boris Sergeyevich; IL'IN, Nikolay Mikhaylovich; SHUTYY, L.P., redaktor; KOGAN, F.L., tekhnicheskiy redaktor

[Electric equipment of automobiles and tractors] Elektrooborudovanie avtomobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 254 p. (MLRA 9:10)
(Automobiles--Electric equipment)
(Tractors--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, A.P., polkovnik med.sluzhby; SHUMOVA, S.V., polkovnik med.sluzhby

Analysis of injuries and preventive measures; hospital data. Voen.-med.zhur. no.9:7-10 S '58. (MIRA 12:12)

(ACCIDENTS, prev. & control
in armed forces personnel (Rus))
(ARMED FORCES PERSONNEL, dis.
accid., prev. (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

GOYKOLOV, Ye.F.; KANTOROVICH, I.G., inzh.; PETROV, P.V.; RAYTSESS, A.Ya.; CHERNOV, A.V., inzh.; SHASHKOV, V.F.; SHISHKOV, I.A.; SHMIDT, Kh.M.; KEYMAKH, L.I., retsenzent; KUDRYAVTSEV, A.V., retsenzent; V redaktirovanii prinimali uchastiye: ZOTOV, A.V.; TELYANER, D.M.; SHIROKOVA, G.M., red.izd-va; STEPANOVA, E.S., tekhn.red.; RUDAKOVA, N.I., tekhn.red.

[Handbook for builders of reinforced concrete industrial chimneys and silos] Spravochnik stroitelia zhelezobetonnykh zavodskikh trub i silosov. Pod red. A.V.Chernova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 300 p.
(MIRA 13:1)

(Silos) (Chimneys)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SHAPIRO, G.A.; ZOTOV, B.K.

Are horizontal partitions between power cables in cable tunnels necessary? Prom.energ. 15 no.4:32 Ap '60.
(MIRA 13:6)

1. Elektromontazh -54.
(Electric lines--Underground)

BULKOVSKII, V.P., inzh.; ZOTOV, B.K., inzh.

Safety of equipment-installing personnel working in operating electrical systems. Prom.energ. 20 no.12:25 D '65.
(MIRA 18:12)

ZOTOV, BORIS SERGEYEVICH

ELEKTROOBORUDOVANIYE AVTOMOBILEY I TRAKTOROV (ELECTRICAL EQUIPMENT OF AUTOMOBILES AND TRACTORS, BY) B. S. ZOTOV I N. M. IL'IN. MOSKVA, AVTOTRANSIZDAT, 1956.

254 p. DIAGRS., TABLES.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SOV/124-58-5-5900

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 137 (USSR)

AUTHORS: Vol'vich, S.I., Zotov, B.Ye.

TITLE: On a New Method for the Calculation of Continuous Beams (K raschetu nerazreznykh balok po novomu metodu)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob.-dor. in-ta, 1957, Nr 7, pp 53-56

ABSTRACT: By using the known formulas the values of the load terms and the abscissae of the center of gravity of the load curve necessary for the design calculation of continuous girders are worked out for particular cases of moment-of-inertia variation and for the simplest cases of beam loading.

N.K. Snitko

1. Beams--Mathematical analysis
2. Girders--Mathematical analysis

Card 1/1

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ZOTOV, B. Ye

Zotov, B. Ye

"Free Oscillations of Linearly Compressed Girders." Min Higher Education USSR. Saratov Automobile and Road Inst imeni V. M. Molotov. Saratov, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 27, 2 July 1955

SOV/124-58-7-8102

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 113 (USSR)

AUTHOR: Zotov, B. Ye.

TITLE: The Calculation of Continuous Beams According to a Statically Determinate Hypothesis (The Method of Professor S. I. Vol'vich) [Raschet nerazreznykh balok po staticheski opredelimoy skheme (Metod professora S. I. Vol'vicha)]

PERIODICAL: Sb. tekhn. inform. Saratovgiprogorsel'stroy, 1957, iyun', pp 8-13

ABSTRACT: The calculation of nonuniform continuous beams is accomplished with the use of "temporary fixed points", i. e., of the projections onto the beam axis of the centers of gravity of the reduced moment distribution curves resulting from the action of the support moments due to a unit load. At these points ordinates are plotted which are inversely proportional to the magnitudes of the reduced areas; the location of all the permanent fixed points is then determined graphically. For the rest, the beam is calculated in the usual way, i. e., with the aid of a basic system in the form of a multispan cantilever-suspension-type system.

N. K. Snitko

Card 1/1

1. Beams--Mechanical properties 2. Mathematics--Applications

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, D.

Make profitableness your goal! Mor. flot. 25 no. 12: 10-12 D '65. (MIRA 18:12)

1. Zamestitel' ministra Morskogo flota SSSR.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, D.

Buoy mooring. Mor.flot 17 no.1:23 Ja '57. (MLRA 10:3)
(Anchorage)

ZOTOV, D., inzhener-sudovoditel'

Method of riding out a storm at sea by the structural characteristics of the vessel. Mor.flot 15 no.9:11 S'55. (MLRA 8:11)

1. Kapitan teplokhoda "Arkhangel'sk"
(Navigation) (Ships)

ZAYDLER, M., inzhener; ZOTOV, F.

Stock scaffoldings for large block building. Stroitel' 2 no.8:15 Ag '56. (MLRA 9:12)

(Scaffolding)

ZOTOV, D.

Improve the level of fleet operations. Mor. flot 22 no.9:1-3 S '62. (MIRA 15:12)

1. Zamestitel' ministra morskogo flota SSSR.
(Merchant marine)

SAAKYAN, A.; KURBANOV, L.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Brief outline of the economic development of the Turkmen S.S.R.] Kratkii ocherk ekonomicheskogo razvitiia Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos.izd-vo, 1957. 193 p. (MIRA 11:3)
(Turkmenistan--Economic conditions)

BERDYKLYCHEV, Murad Gapayevich; DOBROVOL'SKIY, Yu.A., prof., red.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Public health in the Turkmen S.S.R.] Zdravookhranenie Turkmenskoi SSR. Pri uchastii i pod red. IU.A.Dobrovol'skogo. Ashkhabad, Turkmenskoe gos. izd-vo, 1957. 247 p. (MIRA 11:3)

1. Chlen-korrespondent Akademii nauk TSSR (for Berdyklychev)
(TURKMENISTAN--PUBLIC HEALTH)

VISHNEPOL'SKIY, S.A., kand. ekon. nauk; HAYEV, S.M., inzh. putey soobshcheniya; BONDARENKO, V.S.; RODIN, Ye.D.; CHUVLEV, V.P.; TURETSKIY, L.S.; SMIRNOV, G.S.; SHAPIROVSKIY, D.B.; OBERMEYSTER, A.M.; SINITSIN, M.T.; KOGAN, N.D.; PETRUCHIK, V.A.; GRUNIN, A.G.; KOLESNIKOV, V.G.; MARTIROSOV, A.Ye.; KROTKIY, I.B.[deceased]; ZENEVICH, G.B.; MEZENTSEV, G.A.; KOLOMOYTSEV, V.P., kand. tekhn. nauk; ZAMAKHOVSKAYA, A.G., kand. tekhn. nauk; MAKAL'SKIY, I.K., kand. ekon. nauk; MITROFANOV, V.F., kand. ekon. nauk; CHILIKIN, Ya.A.; BAKAYEV, V.G., doktor tekhn. nauk, red. Prinimali uchastiye: DZHAVAD, Yu.Kh., red.; GUBERMAN, R.L., kand. ekon. nauk, red.; RYABCHIKOV, P.A., red.; YAVLENSKIY, S.D., red.; BAYRASHEVSKIY, A.M., kand. tekhn. nauk, red.; POLYUSHKIN, V.A., red.; BALANDIN, G.I., red.; ZOTOV, D.K., red.; RYZHOV, V.Ye., red.; KOL'SHAKOV, A.N., red.; VUL'FSON, M.S., kand. ekon. nauk, red.; DMITRIYEV, V.I., kand. ekon. nauk, red.; ALEKSANDROV, L.A., red.; LAVRENOVA, M.B., tekhn. red.

[Transportation in the U.S.S.R.; marine transportation] Transport SSSR; morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 759 p. (MIRA 15:2)

(Merchant marine)

ZOTOV, D. M.

Operation of clarifiers developed by the All-Union Hydraulic and Sanitary Engineering Research Institute. Vod. i san. tekh. no.9: 35-36 S '61. (MIRA 14:11)

(Water--Purification)

AID P - 4244

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 2/33

Authors : Vernik, A. B., Laureate of the Stalin Prize, Engineer, and F. S. Zotov, Engineer

Title : Separate drive for leading wheels of bridge cranes of great lifting capacity.

Periodical : Vest. mash., #1, p. 7-12, Ja 1956

Abstract : The construction of the undercarriage of large bridge cranes is outlined and especially the construction of separate drive installations for leading wheels is presented. Diagrams, photos.

Institution : None

Submitted : No date

VERNIK, A.B., laureat Stalinskoy premii, inzhener; ZOTOV, F.S.

Separate drives for the running wheels of large load capacity bridge cranes. Vest.mash. 36 no.1:7-12 Ja '56. (MLRA (;3)
(Cranes, derricks, etc.)

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ZOTOV, F.Ya.

Recollections about V.K.TSeraskii. Ist.-astr.issl.no.1:335-342 '55. (MLRA 9:12)

(TSeraskii, Vitol'd Karlovich, 1849-1925)

ZOTOV, G., kand.ekonom.nauk

Structural changes in the organizational trade forms in capitalist countries. Sov. torg. 36 no.9:50-54 S '63. (MIRA 16:10)

ZOTOV, G.

Answer to the periodical "Business week". Sov. torg. 33 no.12:42-43 D '59. (MIRA 13:2)
(United States--Installment contracts)

MEN'ZHINSKIY, Ye.; ZOTOV, G.

Bidding in international trade. Vnesh. torg. 28 no.9:28-33 '58.
(MIRA 11:10)

(Public contracts)

ZOTOV, G.; ADADUROV, Yu.; CHEPURNOY, I.

New ideas in fire tank designs. Pozh.delo 3 no.5:5-6 My '57.
(MLRA 10:7)

(Fire extinction--Water supply)

1. ZMIRNOV, V., ZOTOV, G., Engs.

2. USSR (600)

4. Lumber

7. Expand the production of glued parts. Za ekon mat. No. 1 1952.

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

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

2.5

Ceu

vantages of this procedure are ...

Dyeing wool in a turbulent bath. G. Zotov. *Shelstyanoe Delo* 1936, No. 6, 38-43.--Dyeing wool with agitation of the bath by means of air bubbles (cf. Rendell and Thomas, *C. A.* 29, 5001[?]) was studied under different conditions. Turbulence caused a marked improvement in the dyeing of felt, a slight improvement in the dyeing of woolen yarn and no effect in the dyeing of fur. It is concluded that the influence of turbulence is the less the greater the specific surface of the dyed sample. The method may find an application only for dyeing dense fabrics. B. V. Shvartsberg

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BEREZIN, Vasiliy Pavlovich; ZOTOV, Georgiy Aleksandrovich; SHALAYEV, Stepan Alekseyevich; TEMNOLIN, I.P., red.; MYAKUSHKO, V.P., red.izd-va; KARLOVA, G.L., tekhn. red.

[Potentials for increasing labor productivity; from the work practice of the Olenino Lumbering Camp] Rezervy rosta proizvoditel'nosti truda; iz opyta raboty Oleninskogo lespromkhoza. Moskva, Goslesbumizdat, 1963. 77 p. (MIRA 16:12)

(Olenino (Kalinin Province))--Lumbering--Labor produktivity)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Calculations of technical operating conditions of gas wells by the method of gradual changes of stationary states. Trudy VNIIGAZ no.9:112-130 '60. (MIRA 16:7)
(Gas wells)

ZOTOV, G.A., inzh.

Loader for loading fertilizers and chemicals into an airplane. Trakt. i sel'khozmash. no.7:38-39 Jl '64. (MIRA 18:7)

1. L'vovskaya mashinoispytatel'naya stantsiya.

ZOTOV, G.A.; BEREZIN, V.P.; SHALAYEV, S.A.; KESSEL', I.V.; POLYANTSEV, V.A., red.

[Olenino Logging Camp] Oleninskii lesopromkhoz. Khimki, TSentr. nauchno-issl. in-t mekhanizatsii i energetiki lesnoi promyshl., 1962. 30 p. (MIRA 16:4)
(Olenino region--Lumbering)

ZOTOV, G.A.; TVERKOVKIN, S.M.

Using nonstationary hydrodynamic methods for investigating gas wells in the Gazli field. Gaz. delo. no.2:3-10 '64.
(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza.

BRANDT, Georgiy Georgiyevich [deceased]; MAZUR, Moisey Ven'yaminovich [deceased]; ZAMARKIN, Mark L'vovich; BAMM, A.I., red.; ZOTOV, G.A., red.; PEYCH, N.N., red.; RANTSEV, A.A., red.; MOROZOVA, A.N., red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[English-Russian timber dictionary] Anglo-russkii lesotekhnicheskii slovar'. Izd.1. Moskva, Goslesbumizdat, 1960. 414 p. (MIRA 14:4)

(Lumbering--Dictionaries)
(English language--Dictionaries--Russian)

KOROTAYEV, Yu. P., KORCHAZHKIN, M.T., ZOTOV, G.A., ZHAROV, N.V., MAKSIMOV, V.P., PETUKHOV, Ye. I., VOYTSITSSKIY, V.P.

Mobile unit for the complete investigation of gas wells.
Gaz.prom. 5 no.2:8-13 F '60. (MIRA 13:6)
(Gas wells)

KOROTAYEV, Yu.P.; TVERKOVKIN, S.M.; ZOTOV, G.A.

Testing gas wells without gas losses. Gaz.prom. 5
no.7:1-5 '60. (MIRA 13:7)
(Gas wells)

Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov

Razrabotka i ekspluatatsiya gazovykh mestorozhdeniy, transport gaza (Development and Exploitation of Gas Fields, Transportation of Gas) Moscow, Gostoptekhizdat, 1959, 353 p. (Series: Its: Trudy, vyp. 5/13/) Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Glavnoye upravleniye gazovoy promyshlennosti pri Sovete Ministrov SSSR.

Eds.: Ye. M. Minskiy and V.N. Rzaben; Exec. Ed.: M.P. Martynova; Tech. Ed.: A.S. Polosina.

PURPOSE: This collection of articles is intended for scientists, engineers, and technicians associated with the gas industry.

COVERAGE: The articles discuss the development of gas fields, natural gas recovery, gas transportation, and subsurface gas conservation. Gas field operating conditions are analyzed from the commercial point of view. The author notes that due to the specific geological conditions prevailing in the Soviet Union the application of gas extraction methods of the type used in the USA is not always advantageous. Individual articles discuss problems of the development of gas fields with narrow oil containing fringes, the theory of gas inflow, the study of gas well performance, gas filtration dynamics, and the study of gas condensates. A number of articles are devoted to the study of unstabilized gas flow in pipelines, and discuss theoretical problems connected with the performance of gas ejectors and compressors. The authors also deal with corrosion of the inner surface of gas pipelines. Conclusions made by the authors are supported by mathematical calculations. No personalities are mentioned. References accompany each article.

(28)

GONIK, A.A.; ZOTOV, G.A.; ROKHLENKO, D.B.; GATSKEVICH, V.A., red.

[Profitable types of rafts] Rentabel'nye tipy plotov. [Moskva] M-vo lesnoi promyshl. SSSR[1957] 12 p. (MIRA 11:11)
(Lumber--Transportation)

ZOTOV, G.A.; ROKHLENKO, D.B.

[Kresttsy logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering] Krestetskii lespromkhoz TsNIIME. [n.p.] M-vo lesnoi promyshl. RSFSR, 1957. 67 p.
(MIRA 11:11)

(Kresttsy--Lumbering)

ZOTOV, G.A.

Calculating the flow resistances of a well imperfect with respect to the degree of drilling in case of nonlinear flow. Trudy VNIIGAZ no.18/26:64-70 '63. (MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Concerning the shape of the indicator curves of a well comprised of several producing horizons. Trudy VNIIGAZ no.18/26:97-104 '63.

Investigating nonstationary gas flow in gas wells. Ibid.:119-141

Using gas-well pressure stabilization curves to determine reservoir parameters. Ibid.:164-172 (MIRA 18:3)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Approximate solution of a problem concerning the steady-state flow of real gases. Trudy VNIIGAZ no.18/26:105-113 '63.

(MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.; ABRAMOVA, Ye.S.

Practical method and examples of the analysis of the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:142-163 '63. (MIRA 18:3)

ZOTOV, G.A.; KOROTAYEV, Yu.P.; POCHUYEVA, Ye.A.

Determining the position of the zones of lithological and tectonic screening from the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:173-182 '63. (MIRA 18:3)

ZOLOV, G.A.

The RES-2 electric brush-cutting machine. Biul. tekh.-ekon. inform. no.1:58-59 '57. (MIRA 11:4)

(Lumbering--Machinery)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Determining the parameters of a layer from curves of the increasing pressure in gas wells. Gaz.prom. 4 no.5:4-7 My '59. (MIRA 12:7)

(Gas wells)

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PORTNOV, I.G.; ZOTOV, G.A.

Consecutive performance of gas ejectors at steady above critical point rates. Trudy VNIIGAZ no.5:267-284 '59. (MIRA 12:9)
(Gas flow)

ZOTOV, G.A., ROKHLENKO, D.B.; RANTSEV, A.A., red.

[Krestets logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry] Krestetskii lespromkhoz TsNIIME. [N.p.] M-vo lesnoi promyshl. RSFSR, 1957. 20 p. (MIRA 11:11)
(Krestets--Lumbering)

Kresttsy District - Lumbering

Year of work of the Kresttsy Lumber Camp. Les. prom. 11 No. 7, 1951.

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

BEREZIN, V.P., inzhener; ZOTOV, G.A., inzhener.

Experience of the most efficient lumber camps. Mekh.trud.rab. 7 no.7: 5-10 Jl '53. (MLRA 6:7)

(Lumber camps)

BARYSHNIKOV, A. I. : ZOTOV, G. A.

Lumbering - Krosttsy lumber camp.

Year of work in the Krosttsy lumber camp. Les. prom. 11 no. 7, 1951.

9. Monthly List of Russian Accessions, Library of Congress, December 1952~~1953~~. Unclassified.

L 13624-66 EWT(1)

ACC NR: AP6001000 (N) SOURCE CODE: UR/0286/65/000/022/0066/0066

AUTHOR: Zotov, G. A.

ORG: none

TITLE: Device for indicating the pendulum phase of a gravimetric pendulum instrument. Class 42, No. 176435

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 66

TOPIC TAGS: gravimeter, pendulum

ABSTRACT: This Author Certificate presents a device for indicating the pendulum phase of a gravimetric pendulum instrument by utilizing photocells. To increase the accuracy of measurement by the pendulum instrument, diffraction gratings are rigidly mounted in the instrument at the lower ends of the pendulums, parallel to their plane of oscillation.

SUB CODE: 08/ SUBM DATE: 18Nov62

Card 1/1 HW

UDC: 550.831

MELAMED, G.I.; TSVETKOV, V.D.; AYZMAN, D.S.; ZOTOV, G.I., inzh., retsenzent; LIVSHITS, Sh.Ya., inzh., red.

[Machine-tool units] Agregatnye stanki. Moskva, Izd-vo "Mashinostroenie," 1964. 422 p. (MIRA 17:5)

EYLENTUKH, A.M., inzh.; ZOTOV, G.M., inzh.

Choice of the parameters of an electric network for connecting electric motors. Vest. sviazi 22 no.12:15 D '62. (MIRA 16:1)
(Electric driving)

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SADEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.G., red.; DROZDOV, A.G., red.; ROSHCHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. IU.N.Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)
(Economic history)

ZOTOV, German Mikhaylovich; BORISOVA, K., red.; DARONYAN, M., mlad-shiy red.; NOGINA, N., tekhn. red.

[Retail trade in the United States] Roznichnaia torgovlia v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p. (MIRA 15:2)

(United States—Retail trade)

ZOTOV, G.M., inzh.

Automatic stop mechanisms for high-speed knitting machinery.
Tekst.prom. 21 no.3:60-62 Mr '61. (MIRA 14:3)
(Knitting machines)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MENZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLOIKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSEYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovanii prinimali uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

ZOTOV, G.N., aspirant

Adoption of a system of preferable figures for the unification of industrially produced buildings in lumbering industry enterprises. Sbor.trud. LIIZHT no.181:78-106 '62. (MIRA 16:9)

ZOTOV, G.N.

Applying preferred numbers in promoting module dimensions in building. Standartizatsiia 24 no.2:6-10 F '60. (MIRA 13:5)
(Modular coordination (Architecture))

137-58-6-11641

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 59 (USSR)

AUTHOR: Zotov, G.V.

TITLE: On the Question of Eliminating Continuous Washing of the Collector Electrodes of Blast-furnace Shop Gas Cleaning Electrical Precipitators (K voprosu ob otkaze ot postoyannoy promyvki osaditel'nykh elektrodov elektrofil'trov gazoochistok domennykh tsekhov)

PERIODICAL: Sb. statey. Gos. in-t tipovogo proyektir. i tekhn. issled., 1957, Vol 3, pp 38-55

ABSTRACT: The use of electrostatic precipitators (E) for the fine cleaning of blast furnace gas is a generally recognized procedure. Currently, the plants of the ferrous metals industry employ tubular E consisting of a system of tubes of 230-300 mm diameter, 3500-4500 mm long. The E are built for a gas capacity of 75-120,000 m^3/hr, with 300 or more collector electrodes, and are designated, respectively, as types DM-300, DM-316, etc. In order to prevent the precipitation of blast-furnace flue dust on the surfaces of the electrodes, continuous washing is performed. This requires a markedly larger

On the Question of Eliminating (cont.)

amount of technically pure water than would otherwise be the case in the counterflow gas-cleaning cycle and large expenses for construction and operation. Thus, for example, the water consumption at a metallurgical plant with two or three blast furnaces of 1033 m^3 capacity is 300-450 m^3/hr. At the Kosaya Gora Metallurgical Plant, a test was run in the operation of DM-300 E with periodic washing of the precipitating electrodes once or twice per shift. It was established that the dust content of blast-furnace gas passing through E operating without continual washing was lower than with continual washing. This measure permits reduction of the water consumption of a gas-cleaning installation by 20% on the average.

B.S.

1. Blast furnaces--Equipment 2. Electrodes--Maintenance

YAMPOL'SKIY, T.S.; ZOTOV, G.V.

[Catalog and handbook on cooling towers] Katalog-spravochnik po gradirniam. Moskva, 1962. 109 p. (MIRA [illegible])

1. Moscow. Gosudarstvennyy institut tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy. 2. Nachal'nik otdela promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Yampol'skiy). 3. Otdel promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Zotov).
(Cooling towers)

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Pavorskii and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 10, 1700-5(in French 1705)(1937).—Results comparable to those obtained with Pt electrodes can be obtained with a Ni cathode and Pt anode. Eleven references. A. A. Podgorny

ASM STEEL METALLURGICAL LITERATURE CLASSIFICATION

CA

25

Physical chemical causes of irregularities in dyeing aniline black. O. V. Zoiny. *Klepchatobumazh. Prom.* 10, No. 11-12, 30(1940); *Chem. Zentr.* 1941, II, 2361; cf. *C. A.* 35, 5654⁷.—Slop-paddings contg. K are more stable than those contg. Na; they do not darken so readily during storage before printing with reserve colors. The darkening takes place (1) on heavy fabrics which are insufficiently dried or leave the drying chamber while too hot, (2) mostly in the summer (3) during transportation, (4) if the padding liquor is used after standing for 5–6 hrs. From a theoretical discussion of the vapor pressure of the acid, salts in the padding liquor and their solvent powers Z. concludes that the formation of irregularities can be decreased greatly by the addn. of KCl to the Na baths and by proper drying. Leopold Scheflan

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

PROCESSES AND PROPERTIES INDEX

25

The theory of dyeing with aniline black. G. V. Zusiy. *Khlopchatobumazhnaya Prom.* 10, No. 1-2, 49-51(1940); *Chem. Zentr.* 1940, II, 2663.—The most likely mechanism of aniline-black dyeing is that proposed by Laitfuth and Guyard: The oxidized form of the catalyst, e. g., $Fe_2(SO_4)_3$, $CuCl_2$ or $K_3[Fe(CN)_6]$, oxidizes with the aniline salt, and is itself reduced. This reduction product is reoxidized by chlorate. The following processes are given for dyeing with aniline black. (1) Steam process with V salts: aniline-HCl 0.80, $VOCl_2$, 0.0002, chlorate 0.27 mol. per l.; (1a) with $K_4[Fe(CN)_6]$: aniline-HCl 0.60, $K_4[Fe(CN)_6].3H_2O$ 0.11, chlorate 0.28 mol. per l. (2) Oxidation process (textile mills) aniline-HCl 0.60, $CuSO_4.5H_2O$ 0.04, chlorate 0.15 mol. per l.; (2a) for furs: aniline-HCl 0.30, $CuSO_4.5H_2O$ 0.08, chlorate 0.09. The ratios of the components are $C_6H_5NH_2.HCl$: chlorate 1:0.42; 1:0.47; 1:0.25; $C_6H_5NH_2.HCl$: catalyst 1:0.0003; 1:0.20; 1:0.07; 1:0.22; chlorate:catalyst 1:0.0008; 1:0.4; 1:0.28; 1:0.90. The effect of the $K_4Fe(CN)_6$ is discussed. It acts as a catalyst and a neutralizer. It protects the textile from the acid formed by the hydrolysis of aniline-HCl. In the maturing chamber it is transformed into $K_3Fe(CN)_6$, and consequently the degree of acidity of the textile increases. Therefore, it becomes necessary to neutralize the acid with NH_3, if the textile is not processed forthwith. M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

2.

Deviation of $\Delta E/\Delta$ pH from the linear relation in experiments with the glass electrode using a ballistic potentiometer. G. V. Zeoev. *J. Applied Chem. (U.S.S.R.)* 13, 1431-4 (in French; 1285-7) (1940).—Sufficiently accurate results can be obtained in measuring pH with glass electrodes by the ballistic method without compensation, by using a buffer standard soln. for the calibration of the electrode.

A. A. Podgorny

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

A-1

BC

Electrolytic dissociation of complex cyanides of iron. II. V Nekrasov and G. V. Zotov. *J. Appl. Chem. Russ.*, 1941, 14, 261—269).—The dissociation consts. of the first and second H atoms of $H_4[Fe(CN)_6]$ and of all three H of $H_3[Fe(CN)_6]$ are of the same order of magnitude as is that of HCl. Those of the third and fourth H of $H_4[Fe(CN)_6]$ are, respectively, 10^{-4} and 5×10^{-5}. R. T.

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IIC

PROCESSES AND PROPERTIES INDEX

B-II-6

Turbulent dyeing of wool at temperatures below 100°. G. V. Zorov (J. Appl. Chem. Russ., 1936, 9, 1056—1061).—The turbulent dyeing (cf. Rendell and Thomas, B., 1935, 628) gives better results than the ordinary process if applied to wool felt; the dyeing of wool fibres and rabbit fure proceeds in the same way whether with or without air-bubbling. The turbulency promotes the diffusion and gives no other effect.

J. J. B.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9

RC

B-II-6

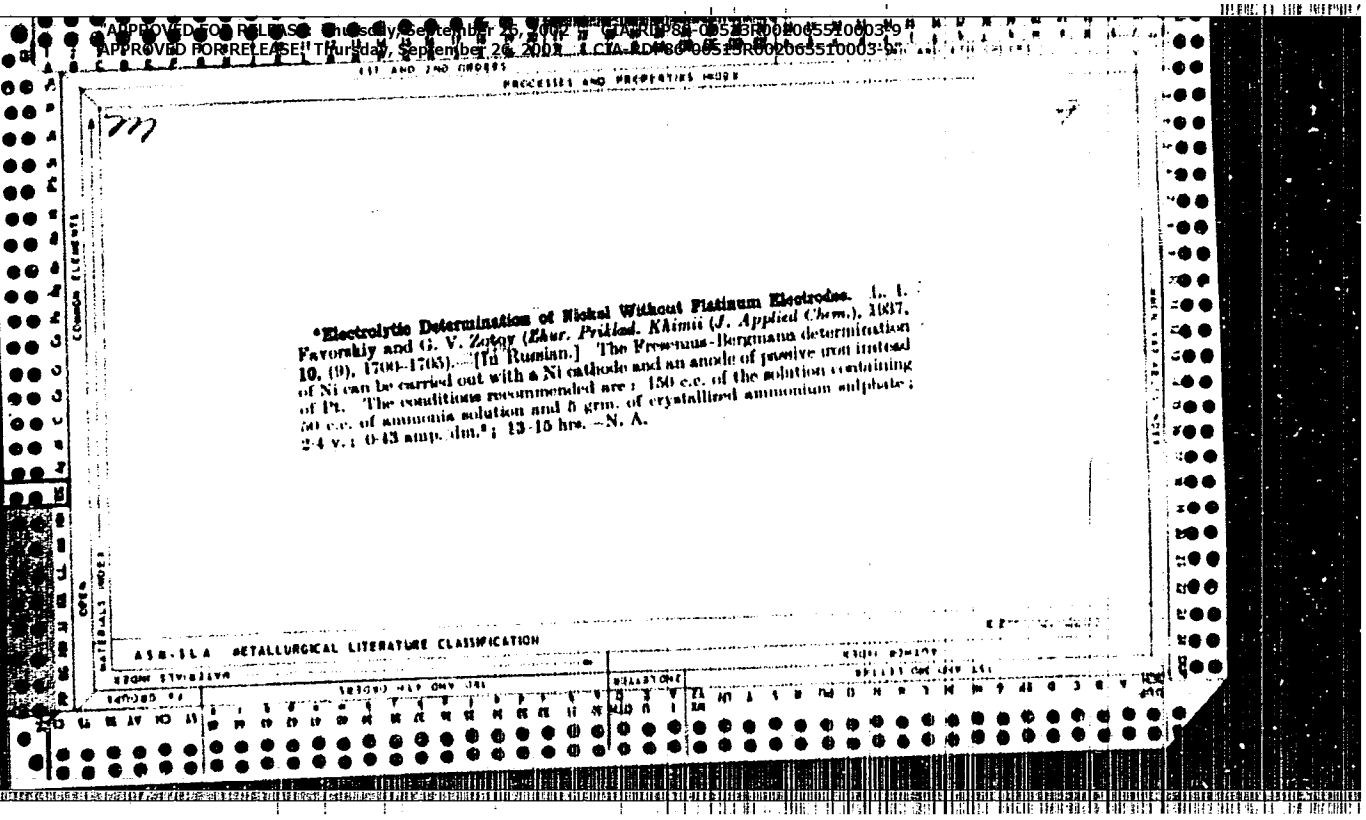
Oxidative catalysis in aniline-black dyeing. B. V. Nekrasov and O. V. Zvorv (J. Appl. Chem. Russ., 1950, 23, 1440).—Catalysed production of emeraldine (I) consists of the reactions: (i) Ox. + NH_2Ph + (I) + Red. [Ox. = Fe^{III}, $Fe(CN)_6'''$, Cu^{II}]; (ii) Red. + ClO_3' → Ox. + Cl'. The velocity of reaction (i) varies in the order Fe^{III}, $Fe(CN)_6''' > Cu^{II}$, and of (ii) in the order $Cu^I > Fe^{II} > Fe(CN)_6$. B. T.

METALLURGICAL LITERATURE CLASSIFICATION

BC

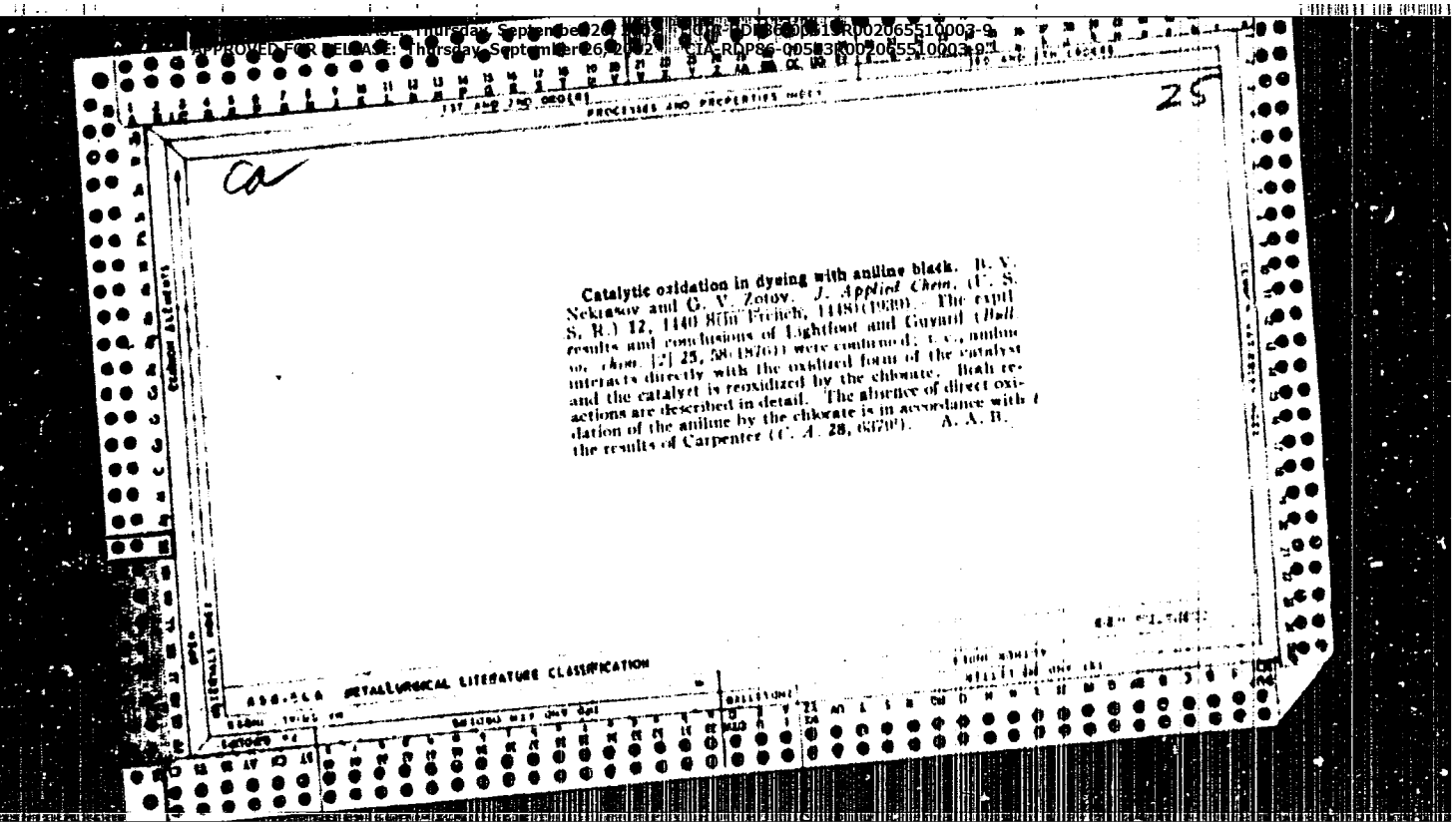
A-1

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Faventini and G. V. Zonov. (J. Appl. Chem. Russ., 1937, 10, 1700—1703).—Ni can be determined by the Fresenius-Bergmann method, using a Ni cathode and « passivated Fe anode. R. T.



777

***Electrolytic Determination of Nickel Without Platinum Electrodes.** L. I. Fevorskiy and G. V. Zatoy (*Zhur. Prikład. Khimii* (*J. Applied Chem.*), 1937, **10**, (9), 1703–1705). [In Russian.] The Fresenius-Bergmann determination of Ni can be carried out with a Ni cathode and an anode of passive iron instead of Pt. The conditions recommended are: 150 c.c. of the solution containing 50 c.c. of ammonia solution and 5 grm. of crystallised ammonium sulphate; 2·4 v.; 0·43 amp./dm.²; 13–16 hrs. —N. A.



25

Ca

Catalytic oxidation in dyeing with aniline black. B. V. Nekrasov and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 12, 1440 88(in French, 1448)(1939). The experimental results and conclusions of Lightfoot and Guyard (*Bull. soc. chim.* [2] 25, 58(1876)) were confirmed; i. e., aniline intricate directly with the oxidized form of the catalyst and the catalyst is reoxidized by the chlorate. Both reactions are described in detail. The absence of direct oxidation of the aniline by the chlorate is in accordance with the results of Carpenter (*C. A.* 28, 6370). A. A. B.

METALLURGICAL LITERATURE CLASSIFICATION

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Electrochemical properties of collagen as a ... [illegible]
the quantitative characterization of equilibrium in the sys-
tem collagen-hydrochloric acid. G. V. Zotov. J.
Applied Chem. (U.S.S.R.) 10, 100-9(1936).—An at-
tempt was made to establish a quant. relation ruling the
reaction between collagen and HCl. Collagen is insol.
in water and its reaction with acids proceeds according to
the laws corresponding to heterogeneous systems. It has
been established, however, that this reaction is permutoid,
and therefore it is defined by the law of mass action.
Expts. and theoretical calcns. show that it can be repre-
sented by $RCOO^- + H^+ \rightleftharpoons RCOOH$, the equil. const.
of which is $K_e = 1.05 \times 10^{-7}$. From this value it is pos-
sible to calc. the pH of the water contg. collagen previously
treated with acid. This const. is higher than that corre-
sponding to gelatin; the compns. of the products of hy-
drolysis of collagen and of gelatin are analogous but their
dimensions are very different, and consequently their
electrochem. properties are also different. The passage
from polypeptide chains (characteristic of gelatin) to more
complex aggregates with a three-dimensional lattice
(characteristic of collagen) is accompanied by an increase
in the dissocn. const. of the acid groups. It can be assumed
that the interaction between collagen and acids is a pro-
tolytic process and therefore the quant. characteristic of
the absorption of HCl by collagen and of the removal of
acid from collagen by water can be calcd. in a way analo-
gous to that relative to ordinary electrolytes. These con-
siderations allow direct detn. of the formulas given by
Küntzel (C.A. 23, 5062). N. Goldovskii

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

Ca

2

Electrolytic dissociation of the complex cyano acids of iron. B. V. Nekrasov and O. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 14, 304-6(1941).—In order to clarify MeOAc and MeOH, from 0% to 80% MeOAc, MeOAc and MeOAc and MeOH, from 0% to 80% MeOAc; and MeOH and Me_2CO, Me_2CO, from 0% MeOAc to 80%; and MeOH and Me_2CO, from 0% to 100% MeOH, as well as ternary mixts. MeOH : Me_2CO, 1:1, with MeOAc ranging from 10% to 80%, and MeOH : Me_2CO, 3:7, with MeOAc ranging from 10% to 80%. The plotted results make it possible to utilize the data for analytical work. In general the compn. curves give a straight line, except in the system MeOH-Me_2CO. Equations were derived for analysis of mixts. of the above substances. The amt. of MeOAc in mixt. with MeOH is given by $n = (d_4 - 0.7912)/0.00135$, and in mixt. with Me_2CO by $n = (d_4 - 0.7910)/0.00131$. The first equation gives percentage of MeOAc in limits of 94.8-99.0%, and the latter in limits of 96.5-102.2%. Amt. of Me_2CO in mixt. with MeOH is given by: $n = (n_t - 1.329)/0.000906$, in limits of 101.4-112.5%. The accuracies are given in terms of percentage of the component actually present in the mixt. O. M. Kondapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

CA

Electrolytic dissociation of the [illegible] ferro- B. V. Nekrasov and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 14, 264-6 (1941).—In order to clarify the effect of ferrocyanide and ferricyanide salts on the weakening of cloth in the course of formation of aniline black, the electrolytic dissocn. of $H_4Fe(CN)_6$ and $H_3Fe(CN)_6$ was studied by potentiometric titration of the K salts with HCl, by use of a combination of glass electrode and calomel half-cell. The results indicate a considerable difference in behavior of the two substances. Although the dissocn. of the first two H of $H_4Fe(CN)_6$ classes it with the fairly strong acids, the last two H are dissocd. considerably less. The method of indicator dtn., by extrapolation, gave the dissocn. consts. $K_3 = 1 \times 10^{-3}$ and $K_4 = 5 \times 10^{-5}$. $H_3Fe(CN)_6$ shows considerably greater dissocn., so that even the last H is dissocd. comparably to that of HCl, and therefore this substance belongs in all stages of dissocn. to the class of strong acids. G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZOTOV, I.; KOMAROV, V.

Posters are a form of concrete propaganda of leading work methods. Sots. trud. no.8:122-126 Ag '58. (MIRA 11:9)

1.Sekretar' partkoma metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Zotov). 2.Nachal'nik otdela truda i zarabotnoy platy metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Komarov). (Moscow Province--Metal industries) (Posters)

KAYZERMAN, M.M., mayor meditsinskoy sluzhby; ZAVRAZHIN, M.K., podpolkovnik meditsinskoy sluzhby; KNYAZEV, S.V., podpolkovnik meditsinskoy sluzhby; KOBYAKOV, N.I., podpolkovnik meditsinskoy sluzhby; DOKUCHAYEV, G.M., podpolkovnik meditsinskoy sluzhby; PLETNEV, N.N., polkovnik meditsinskoy sluzhby; KHOROSHCHEV, V.D., podpolkovnik meditsinskoy sluzhby; GORBACHIK, Ye.D., podpolkovnik meditsinskoy sluzhby; DRUKER, Yu.S.; NAZAROV, K.M.; KOMGOROV, P.R., polkovnik meditsinskoy sluzhby; KLIMENKO, A.V., podpolkovnik meditsinskoy sluzhby; RYAKHOVSKIY, I.Ye., podpolkovnik meditsinskoy sluzhby; IVAN'KOVICH, F.A.; GUBIN, S.V., kapitan meditsinskoy sluzhby; ZOTOV, I.G., kapitan meditsinskoy sluzhby; LEONOVA, Ye.I.; BUNTOVSKIY, P.A., mayor meditsinskoy sluzhby; GERASIMOV, A.N., podpolkovnik meditsinskoy sluzhby; GUR'YEV, I.A., kapitan meditsinskoy sluzhby; KOLDOBSKIY, S.Z., mayor meditsinskoy sluzhby

Abstracts. Voen. med. zhur. no.10:74-79 O '65.
(MIRA 18:11)

ZOTOV, I.I., inzh.

Efficient organization of equipment repair is the most important source for labor saving in the machinery industry. Vest. mashinostr. 45 no.5:76-77 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Long-distance dialing attachment to high-frequency apparatus. Avtom., telem. i sviaz. 9 no.1:41 Ja '65. (MIRA 18:2)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Restoration of the brake beams of 40-U car decelerators.
Avtom., telem. i sviaz' 8 no.5:41 My '64. (MIRA 17:10)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Use of SPD-59 apparatus for operation in high frequency channels. Avtom., telem. i sviaz' 6 no.3:36-37 Mr '62. (MIRA 15:3)
(Railroads--Signaling) (Railroads--Electronic equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Spring-type catch in the SP-1 electric drive. Avtom., telem. i sviaz' 8 no.6:38 Je '64. (MIRA 17:6)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Punched cards for use in testing imported electron tubes.
Avtom. telem. i sviaz' 8 no.2:40-41 F '64.
(MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

As suggested by specialist F.I. Letunovskii. Avtom., telem. i sviaz' 8 no.4:35 Ap '64. (MIRA 18:2)

1. Lyublinskaya distantsiya signalizatsii i svyazi Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ARKHIPOV, F.F.; ZOTOV, I.M., elektromekhanik

Separation in the power supply arrangement on SPB-5 stands. Avtom., telem.i sviaz' 4 no.4:24 Ap '60. (MIRA 13:6)

1. Nachal'nik Leningrad-Baltiyskoy distantsii signalizatsii i svyazi Oktyabr'skoy dorogi.

(Railroads--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Device for using a high-frequency channel as an outgoing trunk of an automatic exchange. Avtom., telem. i sviaz' 9 no.3:39 Mr '65. (MIRA 18:11)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

ZOTOV, Ivan Merkulovich; MARENKOVA, G.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Handbook on cables for electricians and service men] Rukovodstvo elektromekhaniku i monteru po kabel'nym rabotam. Moskva, Gos. transp.zhel-dor.izd-vo, 1959. 206 p. (MIRA 13:2)
(Electric cables)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M.

ZOTOV, I.M., inzh.

Railroad communication on high frequency channels. Avtom., telem. i sviaz' no.12:33-34 D '57. (MIRA 10:12)
(Railroads--Communication systems)

AYZENBERG, B.I., inzh.; KLEYMENOV, B.M., inzh.; MAMONTOV, S.K., inzh.; MEYL'MAN, B.M., inzh.; MINDLIN, Ya.S., inzh.; PALANT, A.M., inzh.; YAMPOL'SKIY, Ye.S., inzh.; ZOTOV, I.S., inzh., retsenzent; YAKOVLEVA, V.I., red.izd-va; CHERNOVA, Z.I., tekhn.red.

[Design of machinery plants; manual on the organization and methods of designing] Proektirovanie mashinostroitel'nykh zavodov; spravochnoe posobie po organizatsii i metodike proektirovaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 379 p.
(MIRA 13:7)

(Machinery industry)

ZOTOV, I.S.; GOVSIYEVICH, R.Ye.; KUTSIN, B.M.; FRANTSUZ, R.A.; ORLOV, N.A., prof., retsenzent; YAMPOL'SKIY, Ye.S., inzh., red.

[Economic analysis of projects of machine manufacturing plants] Ekonomicheskoe obo~novanie proektov mashino-stroitel'nykh zavodov. Moskva, Izd-vo "Mashinostroenie," 1964. 398 p. (MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.V.; KUTSENKO, A.V.

Measuring the function of pulse correlation in two counting channels. Prib. i tekh. eksp. no.1:38-42 Jl-Ag '56. (MLRA 10:2)

1. Fizicheskiy institut imeni P.N. Lebedeva Akademii nauk SSSR.
(Nuclear counters) (Pulse techniques (Electronics))

ZOTOV, Ivan Georgiyevich; PLEKHANOV, I.P., red.; GRIGOR'YEVA, A.I., red.; BLAZHENKOVA, G.I., tekhn. red.

[Preparing motorcycles for competitions] Podgotovka mototsiklov k sorevnovaniiam. Moskva, Izd-vo DOSAAF, 1963. 119 p. (MIRA 16:12)

(Motorcycles--Maintenance and repair)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, K.G.; KIRILOV, M.M.

[The organization and operation of the signal central control and block system of a railroad and of its communications] Moskva, Transzheldorizdat, 1954. 300 p. (MLRA 8:2D)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9

L 2118?-66 EWT(m)/EWP(t)/ IJP(c) JD/JW

ACC NR: AP6009823 SOURCE CODE: UR/0413/66/000/004/0016/0016

22
B

INVENTOR: Klimov, A. G.; Zotov, N. G.; Gaydenko, A. A.; Argunova, V. I.

ORG: none

TITLE: Preparati of hydrofluoric acid. 27 Class 12, No. 178796

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 16

TOPIC TAGS: chemical decomposition, fluorite, hydrofluoric acid, acid decomposition

ABSTRACT: This Author Certificate introduces a method of preparation of hydrofluoric acid by decomposition of fluorite. An increased recovery is achieved by decomposing fluorite concentrate with orthophosphoric acid at 250C. [JK]

SUB CODE: 07/ SUBM DATE: 24Mar65/ ATD PRESS: 4222

UDC: 546.161.07

Card 1/1 BK

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SHUFMAN, L.I.; ZOTOV, B.K.

New method for the wiring of the secondary commutation wires on panels. Prom.energ. 16 no.5:40-42 My '61. (MIRA 14:7)
(Electric apparatus and appliances)

ZOTOV, Boris Sergeyevich; LETNEV, B.Ya., red.

[Thermal-power plants] Teplosilovye ustanovki. Moskva, Kolos. Pt.2. 1964. 351 p. (MIRA 17:12)

ZOTOV, Boris Sergeyevich; IL'IN, Nikolay Mikhaylovich; SHUTYY, L.P., redaktor; KOGAN, F.L., tekhnicheskiy redaktor

[Electric equipment of automobiles and tractors] Elektrooborudovanie avtomobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 254 p. (MLRA 9:10)
(Automobiles--Electric equipment)
(Tractors--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, A.P., polkovnik med.sluzhby; SHUMOVA, S.V., polkovnik med.sluzhby

Analysis of injuries and preventive measures; hospital data. Voen.-med.zhur. no.9:7-10 S '58. (MIRA 12:12)

(ACCIDENTS, prev. & control
in armed forces personnel (Rus))
(ARMED FORCES PERSONNEL, dis.
accid., prev. (Rus))

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GOYKOLOV, Ye.F.; KANTOROVICH, I.G., inzh.; PETROV, P.V.; RAYTSESS, A.Ya.; CHERNOV, A.V., inzh.; SHASHKOV, V.F.; SHISHKOV, I.A.; SHMIDT, Kh.M.; KEYMAKH, L.I., retsenzent; KUDRYAVTSEV, A.V., retsenzent; V redaktirovanii prinimali uchastiye: ZOTOV, A.V.; TELYANER, D.M.; SHIROKOVA, G.M., red.izd-va; STEPANOVA, E.S., tekhn.red.; RUDAKOVA, N.I., tekhn.red.

[Handbook for builders of reinforced concrete industrial chimneys and silos] Spravochnik stroitelia zhelezobetonnykh zavodskikh trub i silosov. Pod red. A.V.Chernova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 300 p.
(MIRA 13:1)

(Silos) (Chimneys)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SHAPIRO, G.A.; ZOTOV, B.K.

Are horizontal partitions between power cables in cable tunnels necessary? Prom.energ. 15 no.4:32 Ap '60.
(MIRA 13:6)

1. Elektromontazh -54.
(Electric lines--Underground)

BULKOVSKII, V.P., inzh.; ZOTOV, B.K., inzh.

Safety of equipment-installing personnel working in operating electrical systems. Prom.energ. 20 no.12:25 D '65.
(MIRA 18:12)

ZOTOV, BORIS SERGEYEVICH

ELEKTROOBORUDOVANIYE AVTOMOBILEY I TRAKTOROV (ELECTRICAL EQUIPMENT OF AUTOMOBILES AND TRACTORS, BY) B. S. ZOTOV I N. M. IL'IN. MOSKVA, AVTOTRANSIZDAT, 1956.

254 p. DIAGRS., TABLES.

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SOV/124-58-5-5900

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 137 (USSR)

AUTHORS: Vol'vich, S.I., Zotov, B.Ye.

TITLE: On a New Method for the Calculation of Continuous Beams (K raschetu nerazreznykh balok po novomu metodu)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob.-dor. in-ta, 1957, Nr 7, pp 53-56

ABSTRACT: By using the known formulas the values of the load terms and the abscissae of the center of gravity of the load curve necessary for the design calculation of continuous girders are worked out for particular cases of moment-of-inertia variation and for the simplest cases of beam loading.

N.K. Snitko

1. Beams--Mathematical analysis
2. Girders--Mathematical analysis

Card 1/1

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ZOTOV, B. Ye

Zotov, B. Ye

"Free Oscillations of Linearly Compressed Girders." Min Higher Education USSR. Saratov Automobile and Road Inst imeni V. M. Molotov. Saratov, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 27, 2 July 1955

SOV/124-58-7-8102

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 113 (USSR)

AUTHOR: Zotov, B. Ye.

TITLE: The Calculation of Continuous Beams According to a Statically Determinate Hypothesis (The Method of Professor S. I. Vol'vich) [Raschet nerazreznykh balok po staticheski opredelimoy skheme (Metod professora S. I. Vol'vicha)]

PERIODICAL: Sb. tekhn. inform. Saratovgiprogorsel'stroy, 1957, iyun', pp 8-13

ABSTRACT: The calculation of nonuniform continuous beams is accomplished with the use of "temporary fixed points", i. e., of the projections onto the beam axis of the centers of gravity of the reduced moment distribution curves resulting from the action of the support moments due to a unit load. At these points ordinates are plotted which are inversely proportional to the magnitudes of the reduced areas; the location of all the permanent fixed points is then determined graphically. For the rest, the beam is calculated in the usual way, i. e., with the aid of a basic system in the form of a multispan cantilever-suspension-type system.

N. K. Snitko

Card 1/1

1. Beams--Mechanical properties 2. Mathematics--Applications

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ZOTOV, D.

Make profitableness your goal! Mor. flot. 25 no. 12: 10-12 D '65. (MIRA 18:12)

1. Zamestitel' ministra Morskogo flota SSSR.

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ZOTOV, D.

Buoy mooring. Mor.flot 17 no.1:23 Ja '57. (MLRA 10:3)
(Anchorage)

ZOTOV, D., inzhener-sudovoditel'

Method of riding out a storm at sea by the structural characteristics of the vessel. Mor.flot 15 no.9:11 S'55. (MLRA 8:11)

1. Kapitan teplokhoda "Arkhangel'sk"
(Navigation) (Ships)

ZAYDLER, M., inzhener; ZOTOV, F.

Stock scaffoldings for large block building. Stroitel' 2 no.8:15 Ag '56. (MLRA 9:12)

(Scaffolding)

ZOTOV, D.

Improve the level of fleet operations. Mor. flot 22 no.9:1-3 S '62. (MIRA 15:12)

1. Zamestitel' ministra morskogo flota SSSR.
(Merchant marine)

SAAKYAN, A.; KURBANOV, L.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Brief outline of the economic development of the Turkmen S.S.R.] Kratkii ocherk ekonomicheskogo razvitiia Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos.izd-vo, 1957. 193 p. (MIRA 11:3)
(Turkmenistan--Economic conditions)

BERDYKLYCHEV, Murad Gapayevich; DOBROVOL'SKIY, Yu.A., prof., red.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Public health in the Turkmen S.S.R.] Zdravookhranenie Turkmenskoi SSR. Pri uchastii i pod red. IU.A.Dobrovol'skogo. Ashkhabad, Turkmenskoe gos. izd-vo, 1957. 247 p. (MIRA 11:3)

1. Chlen-korrespondent Akademii nauk TSSR (for Berdyklychev)
(TURKMENISTAN--PUBLIC HEALTH)

VISHNEPOL'SKIY, S.A., kand. ekon. nauk; HAYEV, S.M., inzh. putey soobshcheniya; BONDARENKO, V.S.; RODIN, Ye.D.; CHUVLEV, V.P.; TURETSKIY, L.S.; SMIRNOV, G.S.; SHAPIROVSKIY, D.B.; OBERMEYSTER, A.M.; SINITSIN, M.T.; KOGAN, N.D.; PETRUCHIK, V.A.; GRUNIN, A.G.; KOLESNIKOV, V.G.; MARTIROSOV, A.Ye.; KROTKIY, I.B.[deceased]; ZENEVICH, G.B.; MEZENTSEV, G.A.; KOLOMOYTSEV, V.P., kand. tekhn. nauk; ZAMAKHOVSKAYA, A.G., kand. tekhn. nauk; MAKAL'SKIY, I.K., kand. ekon. nauk; MITROFANOV, V.F., kand. ekon. nauk; CHILIKIN, Ya.A.; BAKAYEV, V.G., doktor tekhn. nauk, red. Prinimali uchastiye: DZHAVAD, Yu.Kh., red.; GUBERMAN, R.L., kand. ekon. nauk, red.; RYABCHIKOV, P.A., red.; YAVLENSKIY, S.D., red.; BAYRASHEVSKIY, A.M., kand. tekhn. nauk, red.; POLYUSHKIN, V.A., red.; BALANDIN, G.I., red.; ZOTOV, D.K., red.; RYZHOV, V.Ye., red.; KOL'SHAKOV, A.N., red.; VUL'FSON, M.S., kand. ekon. nauk, red.; DMITRIYEV, V.I., kand. ekon. nauk, red.; ALEKSANDROV, L.A., red.; LAVRENOVA, M.B., tekhn. red.

[Transportation in the U.S.S.R.; marine transportation] Transport SSSR; morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 759 p. (MIRA 15:2)

(Merchant marine)

ZOTOV, D. M.

Operation of clarifiers developed by the All-Union Hydraulic and Sanitary Engineering Research Institute. Vod. i san. tekh. no.9: 35-36 S '61. (MIRA 14:11)

(Water--Purification)

AID P - 4244

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 2/33

Authors : Vernik, A. B., Laureate of the Stalin Prize, Engineer, and F. S. Zotov, Engineer

Title : Separate drive for leading wheels of bridge cranes of great lifting capacity.

Periodical : Vest. mash., #1, p. 7-12, Ja 1956

Abstract : The construction of the undercarriage of large bridge cranes is outlined and especially the construction of separate drive installations for leading wheels is presented. Diagrams, photos.

Institution : None

Submitted : No date

VERNIK, A.B., laureat Stalinskoy premii, inzhener; ZOTOV, F.S.

Separate drives for the running wheels of large load capacity bridge cranes. Vest.mash. 36 no.1:7-12 Ja '56. (MLRA (;3)
(Cranes, derricks, etc.)

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ZOTOV, F.Ya.

Recollections about V.K.TSeraskii. Ist.-astr.issl.no.1:335-342 '55. (MLRA 9:12)

(TSeraskii, Vitol'd Karlovich, 1849-1925)

ZOTOV, G., kand.ekonom.nauk

Structural changes in the organizational trade forms in capitalist countries. Sov. torg. 36 no.9:50-54 S '63. (MIRA 16:10)

ZOTOV, G.

Answer to the periodical "Business week". Sov. torg. 33 no.12:42-43 D '59. (MIRA 13:2)
(United States--Installment contracts)

MEN'ZHINSKIY, Ye.; ZOTOV, G.

Bidding in international trade. Vnesh. torg. 28 no.9:28-33 '58.
(MIRA 11:10)

(Public contracts)

ZOTOV, G.; ADADUROV, Yu.; CHEPURNOY, I.

New ideas in fire tank designs. Pozh.delo 3 no.5:5-6 My '57.
(MLRA 10:7)

(Fire extinction--Water supply)

1. ZMIRNOV, V., ZOTOV, G., Engs.

2. USSR (600)

4. Lumber

7. Expand the production of glued parts. Za ekon mat. No. 1 1952.

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

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PROCESSES AND PROPERTIES INDEX

Dyeing wool in a turbulent bath. G. Zotov. *Sherstyanoe Delo* 1936, No. 6, 38-43.—Dyeing wool with agitation of the bath by means of air bubbles (cf. Rendell and Thomas, *C. A.* 29, 5001) was studied under different conditions. Turbulence caused a marked improvement in the dyeing of felt, a slight improvement in the dyeing of woolen yarn and no effect in the dyeing of fur. It is concluded that the influence of turbulence is the less the greater the specific surface of the dyed sample. The method may find an application only for dyeing dense fabrics. B. V. Shvartsberg

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BEREZIN, Vasiliy Pavlovich; ZOTOV, Georgiy Aleksandrovich; SHALAYEV, Stepan Alekseyevich; TEMNOLIN, I.P., red.; MYAKUSHKO, V.P., red.izd-va; KARLOVA, G.L., tekhn. red.

[Potentials for increasing labor productivity; from the work practice of the Olenino Lumbering Camp] Rezervy rosta proizvoditel'nosti truda; iz opyta raboty Oleninskogo lespromkhoza. Moskva, Goslesbumizdat, 1963. 77 p. (MIRA 16:12)

(Olenino (Kalinin Province))--Lumbering--Labor produktivity)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Calculations of technical operating conditions of gas wells by the method of gradual changes of stationary states. Trudy VNIIGAZ no.9:112-130 '60. (MIRA 16:7)
(Gas wells)

ZOTOV, G.A., inzh.

Loader for loading fertilizers and chemicals into an airplane. Trakt. i sel'khozmash. no.7:38-39 Jl '64. (MIRA 18:7)

1. L'vovskaya mashinoispytatel'naya stantsiya.

ZOTOV, G.A.; BEREZIN, V.P.; SHALAYEV, S.A.; KESSEL', I.V.; POLYANTSEV, V.A., red.

[Olenino Logging Camp] Oleninskii lesopromkhoz. Khimki, TSentr. nauchno-issl. in-t mekhanizatsii i energetiki lesnoi promyshl., 1962. 30 p. (MIRA 16:4)
(Olenino region--Lumbering)

ZOTOV, G.A.; TVERKOVKIN, S.M.

Using nonstationary hydrodynamic methods for investigating gas wells in the Gazli field. Gaz. delo. no.2:3-10 '64.
(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza.

BRANDT, Georgiy Georgiyevich [deceased]; MAZUR, Moisey Ven'yaminovich [deceased]; ZAMARKIN, Mark L'vovich; BAMM, A.I., red.; ZOTOV, G.A., red.; PEYCH, N.N., red.; RANTSEV, A.A., red.; MOROZOVA, A.N., red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[English-Russian timber dictionary] Anglo-russkii lesotekhnicheskii slovar'. Izd.1. Moskva, Goslesbumizdat, 1960. 414 p. (MIRA 14:4)

(Lumbering--Dictionaries)
(English language--Dictionaries--Russian)

KOROTAYEV, Yu. P., KORCHAZHKIN, M.T., ZOTOV, G.A., ZHAROV, N.V., MAKSIMOV, V.P., PETUKHOV, Ye. I., VOYTSITSSKIY, V.P.

Mobile unit for the complete investigation of gas wells.
Gaz.prom. 5 no.2:8-13 F '60. (MIRA 13:6)
(Gas wells)

KOROTAYEV, Yu.P.; TVERKOVKIN, S.M.; ZOTOV, G.A.

Testing gas wells without gas losses. Gaz.prom. 5
no.7:1-5 '60. (MIRA 13:7)
(Gas wells)

Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov

Razrabotka i ekspluatatsiya gazovykh mestorozhdeniy, transport gaza (Development and Exploitation of Gas Fields, Transportation of Gas) Moscow, Gostoptekhizdat, 1959, 353 p. (Series: Its: Trudy, vyp. 5/13/) Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Glavnoye upravleniye gazovoy promyshlennosti pri Sovete Ministrov SSSR.

Eds.: Ye. M. Minskiy and V.N. Rzaben; Exec. Ed.: M.P. Martynova; Tech. Ed.: A.S. Polosina.

PURPOSE: This collection of articles is intended for scientists, engineers, and technicians associated with the gas industry.

COVERAGE: The articles discuss the development of gas fields, natural gas recovery, gas transportation, and subsurface gas conservation. Gas field operating conditions are analyzed from the commercial point of view. The author notes that due to the specific geological conditions prevailing in the Soviet Union the application of gas extraction methods of the type used in the USA is not always advantageous. Individual articles discuss problems of the development of gas fields with narrow oil containing fringes, the theory of gas inflow, the study of gas well performance, gas filtration dynamics, and the study of gas condensates. A number of articles are devoted to the study of unstabilized gas flow in pipelines, and discuss theoretical problems connected with the performance of gas ejectors and compressors. The authors also deal with corrosion of the inner surface of gas pipelines. Conclusions made by the authors are supported by mathematical calculations. No personalities are mentioned. References accompany each article.

(28)

GONIK, A.A.; ZOTOV, G.A.; ROKHLENKO, D.B.; GATSKEVICH, V.A., red.

[Profitable types of rafts] Rentabel'nye tipy plotov. [Moskva] M-vo lesnoi promyshl. SSSR[1957] 12 p. (MIRA 11:11)
(Lumber--Transportation)

ZOTOV, G.A.; ROKHLENKO, D.B.

[Kresttsy logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering] Krestetskii lespromkhoz TsNIIME. [n.p.] M-vo lesnoi promyshl. RSFSR, 1957. 67 p.
(MIRA 11:11)

(Kresttsy--Lumbering)

ZOTOV, G.A.

Calculating the flow resistances of a well imperfect with respect to the degree of drilling in case of nonlinear flow. Trudy VNIIGAZ no.18/26:64-70 '63. (MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Concerning the shape of the indicator curves of a well comprised of several producing horizons. Trudy VNIIGAZ no.18/26:97-104 '63.

Investigating nonstationary gas flow in gas wells. Ibid.:119-141

Using gas-well pressure stabilization curves to determine reservoir parameters. Ibid.:164-172 (MIRA 18:3)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Approximate solution of a problem concerning the steady-state flow of real gases. Trudy VNIIGAZ no.18/26:105-113 '63.

(MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.; ABRAMOVA, Ye.S.

Practical method and examples of the analysis of the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:142-163 '63. (MIRA 18:3)

ZOTOV, G.A.; KOROTAYEV, Yu.P.; POCHUYEVA, Ye.A.

Determining the position of the zones of lithological and tectonic screening from the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:173-182 '63. (MIRA 18:3)

ZOLOV, G.A.

The RES-2 electric brush-cutting machine. Biul. tekh.-ekon. inform. no.1:58-59 '57. (MIRA 11:4)

(Lumbering--Machinery)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Determining the parameters of a layer from curves of the increasing pressure in gas wells. Gaz.prom. 4 no.5:4-7 My '59. (MIRA 12:7)

(Gas wells)

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PORTNOV, I.G.; ZOTOV, G.A.

Consecutive performance of gas ejectors at steady above critical point rates. Trudy VNIIGAZ no.5:267-284 '59. (MIRA 12:9)
(Gas flow)

ZOTOV, G.A., ROKHLENKO, D.B.; RANTSEV, A.A., red.

[Krestets logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry] Krestetskii lespromkhoz TsNIIME. [N.p.] M-vo lesnoi promyshl. RSFSR, 1957. 20 p. (MIRA 11:11)
(Krestets--Lumbering)

Kresttsy District - Lumbering

Year of work of the Kresttsy Lumber Camp. Les. prom. 11 No. 7, 1951.

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

BEREZIN, V.P., inzhener; ZOTOV, G.A., inzhener.

Experience of the most efficient lumber camps. Mekh.trud.rab. 7 no.7: 5-10 Jl '53. (MLRA 6:7)

(Lumber camps)

BARYSHNIKOV, A. I. : ZOTOV, G. A.

Lumbering - Krosttsy lumber camp.

Year of work in the Krosttsy lumber camp. Les. prom. 11 no. 7, 1951.

9. Monthly List of Russian Accessions, Library of Congress, December 1952~~1953~~. Unclassified.

ACC NR: AP6001000 (N) SOURCE CODE: UR/0286/65/000/022/0065/0066

AUTHOR: Zotov, G. A.

ORG: none

TITLE: Device for indicating the pendulum phase of a gravimetric pendulum instrument. Class 42, No. 176435

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 66

TOPIC TAGS: gravimeter, pendulum

ABSTRACT: This Author Certificate presents a device for indicating the pendulum phase of a gravimetric pendulum instrument by utilizing photocells. To increase the accuracy of measurement by the pendulum instrument, diffraction gratings are rigidly mounted in the instrument at the lower ends of the pendulums, parallel to their plane of oscillation.

SUB CODE: 08/ SUBM DATE: 18Nov62

Card 1/1 HW

UDC: 550.831

MELAMED, G.I.; TSVETKOV, V.D.; AYZMAN, D.S.; ZOTOV, G.I., inzh., retsenzent; LIVSHITS, Sh.Ya., inzh., red.

[Machine-tool units] Agregatnye stanki. Moskva, Izd-vo "Mashinostroenie," 1964. 422 p. (MIRA 17:5)

EYLENTUKH, A.M., inzh.; ZOTOV, G.M., inzh.

Choice of the parameters of an electric network for connecting electric motors. Vest. sviazi 22 no.12:15 D '62. (MIRA 16:1)
(Electric driving)

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SADEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.G., red.; DROZDOV, A.G., red.; ROSHCHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. IU.N.Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)
(Economic history)

ZOTOV, German Mikhaylovich; BORISOVA, K., red.; DARONYAN, M., mlad-shiy red.; NOGINA, N., tekhn. red.

[Retail trade in the United States] Roznichnaia torgovlia v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p. (MIRA 15:2)

(United States—Retail trade)

ZOTOV, G.M., inzh.

Automatic stop mechanisms for high-speed knitting machinery.
Tekst.prom. 21 no.3:60-62 Mr '61. (MIRA 14:3)
(Knitting machines)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MENZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLOIKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSEYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovanii prinimali uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

ZOTOV, G.N., aspirant

Adoption of a system of preferable figures for the unification of industrially produced buildings in lumbering industry enterprises. Sbor.trud. LIIZHT no.181:78-106 '62. (MIRA 16:9)

ZOTOV, G.N.

Applying preferred numbers in promoting module dimensions in building. Standartizatsiia 24 no.2:6-10 F '60. (MIRA 13:5)
(Modular coordination (Architecture))

137-58-6-11641

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 59 (USSR)

AUTHOR: Zotov, G.V.

TITLE: On the Question of Eliminating Continuous Washing of the Collector Electrodes of Blast-furnace Shop Gas Cleaning Electrical Precipitators (K voprosu ob otkaze ot postoyannoy promyvki osaditel'nykh elektrodov elektrofil'trov gazoochistok domennykh tsekhov)

PERIODICAL: Sb. statey. Gos. in-t tipovogo proyektir. i tekhn. issled., 1957, Vol 3, pp 38-55

ABSTRACT: The use of electrostatic precipitators (E) for the fine cleaning of blast furnace gas is a generally recognized procedure. Currently, the plants of the ferrous metals industry employ tubular E consisting of a system of tubes of 230-300 mm diameter, 3500-4500 mm long. The E are built for a gas capacity of 75-120,000 m^3/hr, with 300 or more collector electrodes, and are designated, respectively, as types DM-300, DM-316, etc. In order to prevent the precipitation of blast-furnace flue dust on the surfaces of the electrodes, continuous washing is performed. This requires a markedly larger

On the Question of Eliminating (cont.)

amount of technically pure water than would otherwise be the case in the counterflow gas-cleaning cycle and large expenses for construction and operation. Thus, for example, the water consumption at a metallurgical plant with two or three blast furnaces of 1033 m^3 capacity is 300-450 m^3/hr. At the Kosaya Gora Metallurgical Plant, a test was run in the operation of DM-300 E with periodic washing of the precipitating electrodes once or twice per shift. It was established that the dust content of blast-furnace gas passing through E operating without continual washing was lower than with continual washing. This measure permits reduction of the water consumption of a gas-cleaning installation by 20% on the average.

B.S.

1. Blast furnaces--Equipment 2. Electrodes--Maintenance

YAMPOL'SKIY, T.S.; ZOTOV, G.V.

[Catalog and handbook on cooling towers] Katalog-spravochnik po gradirniam. Moskva, 1962. 109 p. (MIRA [illegible])

1. Moscow. Gosudarstvennyy institut tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy. 2. Nachal'nik otdela promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Yampol'skiy). 3. Otdel promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Zotov).
(Cooling towers)

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Pavorskii and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 10, 1700-5(in French 1705)(1937).—Results comparable to those obtained with Pt electrodes can be obtained with a Ni cathode and Pt anode. Eleven references. A. A. Podgorny

ASM STEEL METALLURGICAL LITERATURE CLASSIFICATION

CA

25

Physical chemical causes of irregularities in dyeing aniline black. O. V. Zoiny. *Klepchatobumazh. Prom.* 10, No. 11-12, 30(1940); *Chem. Zentr.* 1941, II, 2361; cf. *C. A.* 35, 5654⁷.—Slop-paddings contg. K are more stable than those contg. Na; they do not darken so readily during storage before printing with reserve colors. The darkening takes place (1) on heavy fabrics which are insufficiently dried or leave the drying chamber while too hot, (2) mostly in the summer (3) during transportation, (4) if the padding liquor is used after standing for 5–6 hrs. From a theoretical discussion of the vapor pressure of the acid, salts in the padding liquor and their solvent powers Z. concludes that the formation of irregularities can be decreased greatly by the addn. of KCl to the Na baths and by proper drying. Leopold Scheflan

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PROCESSES AND PROPERTIES INDEX

25

The theory of dyeing with aniline black. G. V. Zusiy. *Khlopchatobumazhnaya Prom.* 10, No. 1-2, 49-51 (1940); *Chem. Zentr.* 1940, II, 2663.—The most likely mechanism of aniline-black dyeing is that proposed by Leitfuth and Guyard: The oxidized form of the catalyst, e. g., $Fe_2(SO_4)_3$, $CuCl_2$ or $K_3[Fe(CN)_6]$, oxidizes with the aniline salt, and is itself reduced. This reduction product is reoxidized by chlorate. The following processes are given for dyeing with aniline black. (1) Steam process with V salts: aniline-HCl 0.89, $VOCl_2$ 0.0012, chlorate 0.37 mol. per l.; (1a) with $K_4[Fe(CN)_6]$: aniline-HCl 0.60, $K_4[Fe(CN)_6]$·$3H_2O$ 0.11, chlorate 0.28 mol. per l. (2) Oxidation process (textile mills) aniline-HCl 0.60, $CuSO_4·5H_2O$ 0.04, chlorate 0.15 mol. per l.; (2a) for furs: aniline-HCl 0.80, $CuSO_4·5H_2O$ 0.08, chlorate 0.08. The ratios of the components are $C_6H_5NH_2·HCl$: chlorate 1:0.42; 1:0.47; 1:0.25; $C_6H_5NH_2·HCl$: catalyst 1:0.0013; 1:0.20; 1:0.07; 1:0.22; chlorate:catalyst 1:0.005; 1:0.4; 1:0.28; 1:0.90. The effect of the $K_4Fe(CN)_6$ is discussed. It acts as a catalyst and a neutralizer. It protects the textile from the acid formed by the hydrolysis of aniline-HCl. In the maturing chamber it is transformed into $K_3Fe(CN)_6$, and consequently the degree of acidity of the textile increases. Therefore, it becomes necessary to neutralize the acid with NH_3, if the textile is not processed forthwith. M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

2.

Deviation of $\Delta E/\Delta$ pH from the linear relation in experiments with the glass electrode using a ballistic potentiometer. G. V. Zeoev. *J. Applied Chem. (U.S.S.R.)* 13, 1431-4 (in French; 1285-7) (1940).—Sufficiently accurate results can be obtained in measuring pH with glass electrodes by the ballistic method without compensation, by using a buffer standard soln. for the calibration of the electrode.

A. A. Podgorny

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

A-1

BC

Electrolytic dissociation of complex cyanides of iron. II. V Nekrasov and G. V. Zotov. *J. Appl. Chem. Russ.*, 1941, 14, 261—269).—The dissociation consts. of the first and second H atoms of $H_4[Fe(CN)_6]$ and of all three H of $H_3[Fe(CN)_6]$ are of the same order of magnitude as is that of HCl. Those of the third and fourth H of $H_4[Fe(CN)_6]$ are, respectively, 10^{-4} and 5×10^{-5}. R. T.

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B-II-6

Turbulent dyeing of wool at temperatures below 100°. G. V. Zotov (J. Appl. Chem. Russ., 1936, 9, [illegible]—[illegible]).—The turbulent dyeing (cf. Rendell and Thomas, B., 1935, 028) gives better results than the ordinary process if applied to wool felt; the dyeing of wool fibres and rabbit fure proceeds in the same way whether with or without air-bubbling. The turbulency promotes the diffusion and gives no other effect. J. J. B.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9

BC

B-II-C

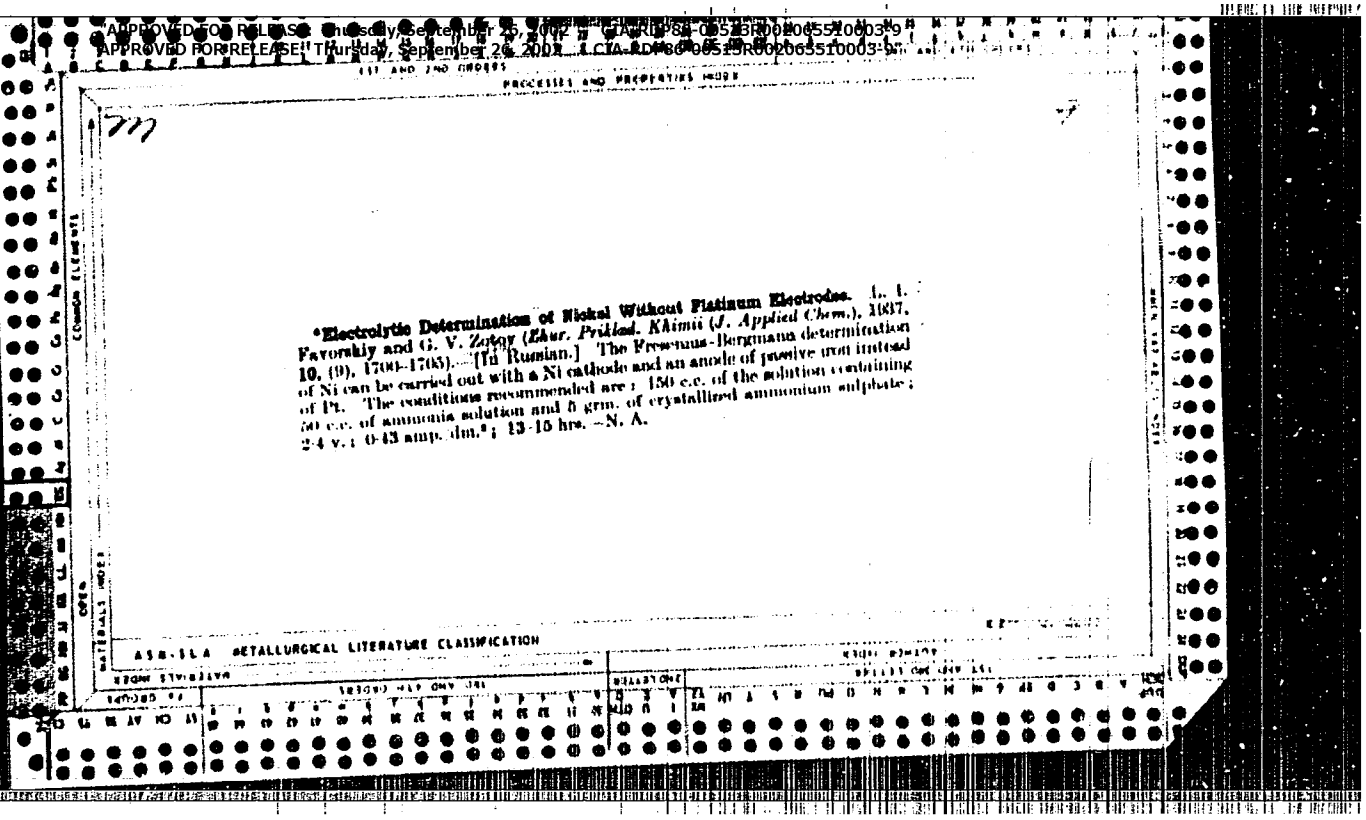
Oxidative catalysis in aniline-black dyeing. B. V. Nekrasov and G. V. Zotov (J. Appl. Chem. Russ., 1930, 3, 1469—[illegible]).—Catalysed production of emeraldine (I) consists of the reactions: (i) Ox. + NH_2Ph → (I) + Red. [Ox. = Fe^{III}, $Fe(CN)_6'''$, Cu^{II}; Red. = Fe^{II}, $Fe(CN)_6''''$, Cu^{I}]; (ii) Red. + ClO_3' → Ox. + Cl'. The velocity of reaction (i) varies in the order $Fe^{III} > Fe(CN)_6''' > Cu^{II}$, and of (ii) in the order $Cu^{I} > Fe^{II} > Fe(CN)_6''''$. R. T.

METALLURGICAL LITERATURE CLASSIFICATION

BC

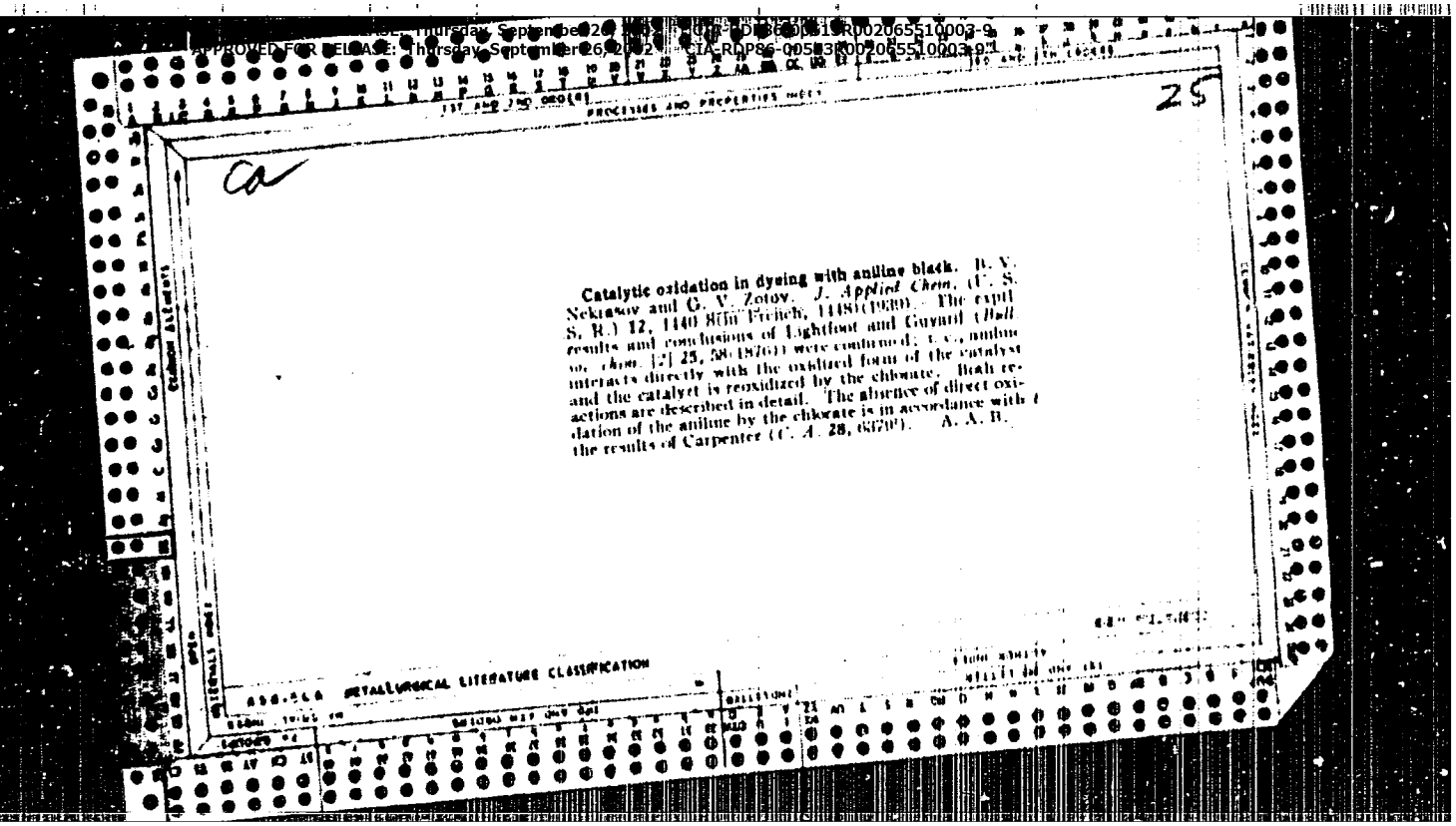
A-1

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Faventini and G. V. Zonov. (J. Appl. Chem. Russ., 1937, 10, 1700—1703).—Ni can be determined by the Fresenius-Bergmann method, using a Ni cathode and « passivated Fe anode. R. T.



777

***Electrolytic Determination of Nickel Without Platinum Electrodes.** L. I. Fevorskiy and G. V. Zatoy (*Zhur. Prikład. Khimii* (*J. Applied Chem.*), 1937, **10**, (9), 1703–1705). [In Russian.] The Fresenius-Bergmann determination of Ni can be carried out with a Ni cathode and an anode of passive iron instead of Pt. The conditions recommended are: 150 c.c. of the solution containing 50 c.c. of ammonia solution and 5 grm. of crystallised ammonium sulphate; 2·4 v.; 0·43 amp./dm.²; 13–16 hrs. —N. A.



25

Ca

Catalytic oxidation in dyeing with aniline black. B. V. Nekrasov and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 12, 1440 88(in French, 1448)(1939). The experimental results and conclusions of Lightfoot and Guyard (*Bull. soc. chim.* [2] 25, 58(1876)) were confirmed; i. e., aniline intricate directly with the oxidized form of the catalyst and the catalyst is reoxidized by the chlorate. Both reactions are described in detail. The absence of direct oxidation of the aniline by the chlorate is in accordance with the results of Carpenter (*C. A.* 28, 6370). A. A. B.

METALLURGICAL LITERATURE CLASSIFICATION

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Electrochemical properties of collagen as a basis for the quantitative characterization of equilibrium in the system collagen-hydrochloric acid. G. V. Zotov. *J. Applied Chem.* (U.S.S.R.) 10, [illegible].—An attempt was made to establish a quant. relation ruling the reaction between collagen and HCl. Collagen is insol. in water and its reaction with acids proceeds according to the laws corresponding to heterogeneous systems. It has been established, however, that this reaction is permutoid, and therefore it is defined by the law of mass action. Expts. and theoretical calcns. show that it can be represented by $RCOO^- + H^+ \rightleftharpoons RCOOH$, the equil. const. of which is $K_c = 1.05 \times 10^{[illegible]}$. From this value it is possible to calc. the pH of the water contg. collagen previously treated with acid. This const. is higher than that corresponding to gelatin; the compns. of the products of hydrolysis of collagen and of gelatin are analogous but their dimensions are very different, and consequently their electrochem. properties are also different. The passage from polypeptide chains (characteristic of gelatin) to more complex aggregates with a three-dimensional lattice (characteristic of collagen) is accompanied by an increase in the dissocn. const. of the acid groups. It can be assumed that the interaction between collagen and acids is a protolytic process and therefore the quant. characteristic of the absorption of HCl by collagen and of the removal of acid from collagen by water can be calcd. in a way analogous to that relative to ordinary electrolytes. These considerations allow direct detn. of the formulas given by Küntzel (*C.A.* 23, 8062). N. Goldovski

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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2

Ca

Electrolytic dissociation of the complex cyano acids of iron. B. V. Nekrasov and G. V. Zotov. *J. Applied Chem. (U. S. S. R.)* 14, 264-6(1941).—In order to clarify MeOAc and MeOH, from 0% to 50% MeOAc, MeOAc and MeOAc and MeOH, from 0% to 50% MeOAc; and MeOH and Me_2CO, Me_2CO, from 0% MeOAc to 50%; and MeOH and Me_2CO, from 0% to 100% MeOH, as well as ternary mixts. MeOH : Me_2CO, 1:1, with MeOAc ranging from 10% to 50%, and MeOH : Me_2CO, 3:7, with MeOAc ranging from 10% to 50%. The plotted results make it possible to utilize the data for analytical work. In general the compn. curves give a straight line, except in the system MeOH-Me_2CO. Equations were derived for analysis of mixts. of the above substances. The amt. of MeOAc in mixt. with MeOH is given by $n = (d_4 - 0.7912)/0.00130$, and in mixt. with Me_2CO by $n = (d_4 - 0.7910)/0.00131$. The first equation gives percentage of MeOAc in limits of 94.8-99.9%, and the latter in limits of 95.5-102.2%. Amt. of Me_2CO in mixt. with MeOH is given by: $n = (n_D - 1.329)/0.000906$, in limits of 101.4-112.5%. The accuracies are given in terms of percentage of the component actually present in the mixt. O. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Ca

Electrolytic dissociation of the [illegible] [illegible] of iron. B. V. Nekrasov and G. V. Zotov. J. Applied Chem. (U. S. S. R.) 14, 264-6(1941).—In order to clarify the effect of ferrocyanide and ferricyanide salts on the weakening of cloth in the course of formation of aniline black, the electrolytic dissocn. of $H_4Fe(CN)_6$ and $H_3Fe(CN)_6$ was studied by potentiometric titration of the K salts with HCl, by use of a combination of glass electrode and calomel half-cell. The results indicate a considerable difference in behavior of the two substances. Although the dissocn. of the first two H of $H_4Fe(CN)_6$ classes it with the fairly strong acids, the last two H are dissocd. considerably less. The method of infinite diln., by extrapolation, gave the dissocn. consts. $K_3 = 1 \times 10^{-3}$ and $K_4 = 5 \times 10^{-5}$. $H_3Fe(CN)_6$ shows considerably greater dissocn., so that even the last H is dissocd. comparably to that of HCl, and therefore this substance belongs in all stages of dissocn. to the class of strong acids. G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZOTOV, I.; KOMAROV, V.

Posters are a form of concrete propaganda of leading work methods. Sots. trud. no.8:122-126 Ag '58. (MIRA 11:9)

1.Sekretar' partkoma metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Zotov). 2.Nachal'nik otdela truda i zarabotnoy platy metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Komarov). (Moscow Province--Metal industries) (Posters)

KAYZERMAN, M.M., mayor meditsinskoy sluzhby; ZAVRAZHIN, M.K., podpolkovnik meditsinskoy sluzhby; KNYAZEV, S.V., podpolkovnik meditsinskoy sluzhby; KOBYAKOV, N.I., podpolkovnik meditsinskoy sluzhby; DOKUCHAYEV, G.M., podpolkovnik meditsinskoy sluzhby; PLETNEV, N.N., polkovnik meditsinskoy sluzhby; KHOROSHCHEV, V.D., podpolkovnik meditsinskoy sluzhby; GORBACHIK, Ye.D., podpolkovnik meditsinskoy sluzhby; DRUKER, Yu.S.; NAZAROV, K.M.; KOMGOROV, P.R., polkovnik meditsinskoy sluzhby; KLIMENKO, A.V., podpolkovnik meditsinskoy sluzhby; RYAKHOVSKIY, I.Ye., podpolkovnik meditsinskoy sluzhby; IVAN'KOVICH, F.A.; GUBIN, S.V., kapitan meditsinskoy sluzhby; ZOTOV, I.G., kapitan meditsinskoy sluzhby; LEONOVA, Ye.I.; BUNTOVSKIY, P.A., mayor meditsinskoy sluzhby; GERASIMOV, A.N., podpolkovnik meditsinskoy sluzhby; GUR'YEV, I.A., kapitan meditsinskoy sluzhby; KOLDOBSKIY, S.Z., mayor meditsinskoy sluzhby

Abstracts. Voen. med. zhur. no.10:74-79 O '65.
(MIRA 18:11)

ZOTOV, I.I., inzh.

Efficient organization of equipment repair is the most important source for labor saving in the machinery industry. Vest. mashinostr. 45 no.5:76-77 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Long-distance dialing attachment to high-frequency apparatus. Avtom., telem. i sviaz. 9 no.1:41 Ja '65. (MIRA 18:2)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Restoration of the brake beams of 40-U car decelerators.
Avtom., telem. i sviaz' 8 no.5:41 My '64. (MIRA 17:10)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Use of SPD-59 apparatus for operation in high frequency channels. Avtom., telem. i sviaz' 6 no.3:36-37 Mr '62. (MIRA 15:3)
(Railroads--Signaling) (Railroads--Electronic equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Spring-type catch in the SP-1 electric drive. Avtom., telem. i sviaz' 8 no.6:38 Je '64. (MIRA 17:6)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Punched cards for use in testing imported electron tubes.
Avtom. telem. i sviaz' 8 no.2:40-41 F '64.
(MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

As suggested by specialist F.I. Letunovskii. Avtom., telem. i sviaz' 8 no.4:35 Ap '64. (MIRA 18:2)

1. Lyublinskaya distantsiya signalizatsii i svyazi Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ARKHIPOV, F.F.; ZOTOV, I.M., elektromekhanik

Separation in the power supply arrangement on SPB-5 stands. Avtom., telem.i sviaz' 4 no.4:24 Ap '60. (MIRA 13:6)

1. Nachal'nik Leningrad-Baltiyskoy distantsii signalizatsii i svyazi Oktyabr'skoy dorogi.

(Railroads--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Device for using a high-frequency channel as an outgoing trunk of an automatic exchange. Avtom., telem. i sviaz' 9 no.3:39 Mr '65. (MIRA 18:11)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

ZOTOV, Ivan Merkulovich; MARENKOVA, G.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Handbook on cables for electricians and service men] Rukovodstvo elektromekhaniku i monteru po kabel'nym rabotam. Moskva, Gos. transp.zhel-dor.izd-vo, 1959. 206 p. (MIRA 13:2)
(Electric cables)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M.

ZOTOV, I.M., inzh.

Railroad communication on high frequency channels. Avtom., telem. i sviaz' no.12:33-34 D '57. (MIRA 10:12)
(Railroads--Communication systems)

AYZENBERG, B.I., inzh.; KLEYMENOV, B.M., inzh.; MAMONTOV, S.K., inzh.; MEYL'MAN, B.M., inzh.; MINDLIN, Ya.S., inzh.; PALANT, A.M., inzh.; YAMPOL'SKIY, Ye.S., inzh.; ZOTOV, I.S., inzh., retsenzent; YAKOVLEVA, V.I., red.izd-va; CHERNOVA, Z.I., tekhn.red.

[Design of machinery plants; manual on the organization and methods of designing] Proektirovanie mashinostroitel'nykh zavodov; spravochnoe posobie po organizatsii i metodike proektirovaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 379 p.
(MIRA 13:7)

(Machinery industry)

ZOTOV, I.S.; GOVSIYEVICH, R.Ye.; KUTSIN, B.M.; FRANTSUZ, R.A.; ORLOV, N.A., prof., retsenzent; YAMPOL'SKIY, Ye.S., inzh., red.

[Economic analysis of projects of machine manufacturing plants] Ekonomicheskoe obo~novanie proektov mashino-stroitel'nykh zavodov. Moskva, Izd-vo "Mashinostroenie," 1964. 398 p. (MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.V.; KUTSENKO, A.V.

Measuring the function of pulse correlation in two counting channels. Prib. i tekh. eksp. no.1:38-42 Jl-Ag '56. (MLRA 10:2)

1. Fizicheskiy institut imeni P.N. Lebedeva Akademii nauk SSSR.
(Nuclear counters) (Pulse techniques (Electronics))

ZOTOV, Ivan Georgiyevich; PLEKHANOV, I.P., red.; GRIGOR'YEVA, A.I., red.; BLAZHENKOVA, G.I., tekhn. red.

[Preparing motorcycles for competitions] Podgotovka mototsiklov k sorevnovaniiam. Moskva, Izd-vo DOSAAF, 1963. 119 p. (MIRA 16:12)

(Motorcycles--Maintenance and repair)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, K.G.; KIRILOV, M.M.

[The organization and operation of the signal central control and block system of a railroad and of its communications] Moskva, Transzheldorizdat, 1954. 300 p. (MLRA 8:2D)

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L 2118?-66 EWT(m)/EWP(t)/ IJP(c) JD/JW

ACC NR: AP6009823 SOURCE CODE: UR/0413/66/000/004/0016/0016

22
B

INVENTOR: Klimov, A. G.; Zotov, N. G.; Gaydenko, A. A.; Argunova, V. I.

ORG: none

TITLE: Preparati of hydrofluoric acid. 27 Class 12, No. 178796

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 16

TOPIC TAGS: chemical decomposition, fluorite, hydrofluoric acid, acid decomposition

ABSTRACT: This Author Certificate introduces a method of preparation of hydrofluoric acid by decomposition of fluorite. An increased recovery is achieved by decomposing fluorite concentrate with orthophosphoric acid at 250C. [JK]

SUB CODE: 07/ SUBM DATE: 24Mar65/ ATD PRESS: 4222

UDC: 546.161.07

Card 1/1 BK

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SHUFMAN, L.I.; ZOTOV, B.K.

New method for the wiring of the secondary commutation wires on panels. Prom.energ. 16 no.5:40-42 My '61. (MIRA 14:7)
(Electric apparatus and appliances)

ZOTOV, Boris Sergeyevich; LETNEV, B.Ya., red.

[Thermal-power plants] Teplosilovye ustanovki. Moskva, Kolos. Pt.2. 1964. 351 p. (MIRA 17:12)

ZOTOV, Boris Sergeyevich; IL'IN, Nikolay Mikhaylovich; SHUTYY, L.P., redaktor; KOGAN, F.L., tekhnicheskiy redaktor

[Electric equipment of automobiles and tractors] Elektrooborudovanie avtomobilei i traktorov. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 254 p. (MLRA 9:10)
(Automobiles--Electric equipment)
(Tractors--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, A.P., polkovnik med.sluzhby; SHUMOVA, S.V., polkovnik med.sluzhby

Analysis of injuries and preventive measures; hospital data. Voen.-med.zhur. no.9:7-10 S '58. (MIRA 12:12)

(ACCIDENTS, prev. & control
in armed forces personnel (Rus))
(ARMED FORCES PERSONNEL, dis.
accid., prev. (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

GOYKOLOV, Ye.F.; KANTOROVICH, I.G., inzh.; PETROV, P.V.; RAYTSESS, A.Ya.; CHERNOV, A.V., inzh.; SHASHKOV, V.F.; SHISHKOV, I.A.; SHMIDT, Kh.M.; KEYMAKH, L.I., retsenzent; KUDRYAVTSEV, A.V., retsenzent; V redaktirovanii prinimali uchastiye: ZOTOV, A.V.; TELYANER, D.M.; SHIROKOVA, G.M., red.izd-va; STEPANOVA, E.S., tekhn.red.; RUDAKOVA, N.I., tekhn.red.

[Handbook for builders of reinforced concrete industrial chimneys and silos] Spravochnik stroitelia zhelezobetonnykh zavodskikh trub i silosov. Pod red. A.V.Chernova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 300 p.
(MIRA 13:1)

(Silos) (Chimneys)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SHAPIRO, G.A.; ZOTOV, B.K.

Are horizontal partitions between power cables in cable tunnels necessary? Prom.energ. 15 no.4:32 Ap '60.
(MIRA 13:6)

1. Elektromontazh -54.
(Electric lines--Underground)

BULKOVSKII, V.P., inzh.; ZOTOV, B.K., inzh.

Safety of equipment-installing personnel working in operating electrical systems. Prom.energ. 20 no.12:25 D '65.
(MIRA 18:12)

ZOTOV, BORIS SERGEYEVICH

ELEKTROOBORUDOVANIYE AVTOMOBILEY I TRAKTOROV (ELECTRICAL EQUIPMENT OF AUTOMOBILES AND TRACTORS, BY) B. S. ZOTOV I N. M. IL'IN. MOSKVA, AVTOTRANSIZDAT, 1956.

254 p. DIAGRS., TABLES.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

SOV/124-58-5-5900

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 137 (USSR)

AUTHORS: Vol'vich, S.I., Zotov, B.Ye.

TITLE: On a New Method for the Calculation of Continuous Beams (K raschetu nerazreznykh balok po novomu metodu)

PERIODICAL: Sb. nauchn. soobshch. Saratovsk. avtomob.-dor. in-ta, 1957, Nr 7, pp 53-56

ABSTRACT: By using the known formulas the values of the load terms and the abscissae of the center of gravity of the load curve necessary for the design calculation of continuous girders are worked out for particular cases of moment-of-inertia variation and for the simplest cases of beam loading.

N.K. Snitko

1. Beams--Mathematical analysis
2. Girders--Mathematical analysis

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, B. Ye

Zotov, B. Ye

"Free Oscillations of Linearly Compressed Girders." Min Higher Education USSR. Saratov Automobile and Road Inst imeni V. M. Molotov. Saratov, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 27, 2 July 1955

SOV/124-58-7-8102

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 113 (USSR)

AUTHOR: Zotov, B. Ye.

TITLE: The Calculation of Continuous Beams According to a Statically Determinate Hypothesis (The Method of Professor S. I. Vol'vich) [Raschet nerazreznykh balok po staticheski opredelimoy skheme (Metod professora S. I. Vol'vicha)]

PERIODICAL: Sb. tekhn. inform. Saratovgiprogorsel'stroy, 1957, iyun', pp 8-13

ABSTRACT: The calculation of nonuniform continuous beams is accomplished with the use of "temporary fixed points", i. e., of the projections onto the beam axis of the centers of gravity of the reduced moment distribution curves resulting from the action of the support moments due to a unit load. At these points ordinates are plotted which are inversely proportional to the magnitudes of the reduced areas; the location of all the permanent fixed points is then determined graphically. For the rest, the beam is calculated in the usual way, i. e., with the aid of a basic system in the form of a multispan cantilever-suspension-type system.

N. K. Snitko

Card 1/1

1. Beams--Mechanical properties 2. Mathematics--Applications

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, D.

Make profitableness your goal! Mor. flot. 25 no. 12: 10-12 D '65. (MIRA 18:12)

1. Zamestitel' ministra Morskogo flota SSSR.

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ZOTOV, D.

Buoy mooring. Mor.flot 17 no.1:23 Ja '57. (MLRA 10:3)
(Anchorage)

ZOTOV, D., inzhener-sudovoditel'

Method of riding out a storm at sea by the structural characteristics of the vessel. Mor.flot 15 no.9:11 S'55. (MLRA 8:11)

1. Kapitan teplokhoda "Arkhangel'sk"
(Navigation) (Ships)

ZAYDLER, M., inzhener; ZOTOV, F.

Stock scaffoldings for large block building. Stroitel' 2 no.8:15 Ag '56. (MLRA 9:12)

(Scaffolding)

ZOTOV, D.

Improve the level of fleet operations. Mor. flot 22 no.9:1-3 S '62. (MIRA 15:12)

1. Zamestitel' ministra morskogo flota SSSR.
(Merchant marine)

SAAKYAN, A.; KURBANOV, L.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Brief outline of the economic development of the Turkmen S.S.R.] Kratkii ocherk ekonomicheskogo razvitiia Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos.izd-vo, 1957. 193 p. (MIRA 11:3)
(Turkmenistan--Economic conditions)

BERDYKLYCHEV, Murad Gapayevich; DOBROVOL'SKIY, Yu.A., prof., red.; ZOTOV, D.A., red.; VOLYANSKAYA, O.A., tekhn.red.

[Public health in the Turkmen S.S.R.] Zdravookhranenie Turkmenskoi SSR. Pri uchastii i pod red. IU.A.Dobrovol'skogo. Ashkhabad, Turkmenskoe gos. izd-vo, 1957. 247 p. (MIRA 11:3)

1. Chlen-korrespondent Akademii nauk TSSR (for Berdyklychev)
(TURKMENISTAN--PUBLIC HEALTH)

VISHNEPOL'SKIY, S.A., kand. ekon. nauk; HAYEV, S.M., inzh. putey soobshcheniya; BONDARENKO, V.S.; RODIN, Ye.D.; CHUVLEV, V.P.; TURETSKIY, L.S.; SMIRNOV, G.S.; SHAPIROVSKIY, D.B.; OBERMEYSTER, A.M.; SINITSIN, M.T.; KOGAN, N.D.; PETRUCHIK, V.A.; GRUNIN, A.G.; KOLESNIKOV, V.G.; MARTIROSOV, A.Ye.; KROTKIY, I.B.[deceased]; ZENEVICH, G.B.; MEZENTSEV, G.A.; KOLOMOYTSEV, V.P., kand. tekhn. nauk; ZAMAKHOVSKAYA, A.G., kand. tekhn. nauk; MAKAL'SKIY, I.K., kand. ekon. nauk; MITROFANOV, V.F., kand. ekon. nauk; CHILIKIN, Ya.A.; BAKAYEV, V.G., doktor tekhn. nauk, red. Prinimali uchastiye: DZHAVAD, Yu.Kh., red.; GUBERMAN, R.L., kand. ekon. nauk, red.; RYABCHIKOV, P.A., red.; YAVLENSKIY, S.D., red.; BAYRASHEVSKIY, A.M., kand. tekhn. nauk, red.; POLYUSHKIN, V.A., red.; BALANDIN, G.I., red.; ZOTOV, D.K., red.; RYZHOV, V.Ye., red.; KOL'SHAKOV, A.N., red.; VUL'FSON, M.S., kand. ekon. nauk, red.; DMITRIYEV, V.I., kand. ekon. nauk, red.; ALEKSANDROV, L.A., red.; LAVRENOVA, M.B., tekhn. red.

[Transportation in the U.S.S.R.; marine transportation] Transport SSSR; morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 759 p. (MIRA 15:2)

(Merchant marine)

ZOTOV, D. M.

Operation of clarifiers developed by the All-Union Hydraulic and Sanitary Engineering Research Institute. Vod. i san. tekh. no.9: 35-36 S '61. (MIRA 14:11)

(Water--Purification)

AID P - 4244

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 2/33

Authors : Vernik, A. B., Laureate of the Stalin Prize, Engineer, and F. S. Zotov, Engineer

Title : Separate drive for leading wheels of bridge cranes of great lifting capacity.

Periodical : Vest. mash., #1, p. 7-12, Ja 1956

Abstract : The construction of the undercarriage of large bridge cranes is outlined and especially the construction of separate drive installations for leading wheels is presented. Diagrams, photos.

Institution : None

Submitted : No date

VERNIK, A.B., laureat Stalinskoy premii, inzhener; ZOTOV, F.S.

Separate drives for the running wheels of large load capacity bridge cranes. Vest.mash. 36 no.1:7-12 Ja '56. (MLRA (;3)
(Cranes, derricks, etc.)

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ZOTOV, F.Ya.

Recollections about V.K.TSeraskii. Ist.-astr.issl.no.1:335-342 '55. (MLRA 9:12)

(TSeraskii, Vitol'd Karlovich, 1849-1925)

ZOTOV, G., kand.ekonom.nauk

Structural changes in the organizational trade forms in capitalist countries. Sov. torg. 36 no.9:50-54 S '63. (MIRA 16:10)

ZOTOV, G.

Answer to the periodical "Business week". Sov. torg. 33 no.12:42-43 D '59. (MIRA 13:2)
(United States--Installment contracts)

MEN'ZHINSKIY, Ye.; ZOTOV, G.

Bidding in international trade. Vnesh. torg. 28 no.9:28-33 '58.
(MIRA 11:10)

(Public contracts)

ZOTOV, G.; ADADUROV, Yu.; CHEPURNOY, I.

New ideas in fire tank designs. Pozh.delo 3 no.5:5-6 My '57.
(MLRA 10:7)

(Fire extinction--Water supply)

1. ZMIRNOV, V., ZOTOV, G., Engs.

2. USSR (600)

4. Lumber

7. Expand the production of glued parts. Za ekon mat. No. 1 1952.

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

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

23

Cell

vantages of this procedure are ...

Dyeing wool in a turbulent bath. G. Zotov, Shelstyanoe Delo 1936, No. 6, 38-43.—Dyeing wool with agitation of the bath by means of air bubbles (cf. Rendell and Thomas, C. A. 29, 5001[7]) was studied under different conditions. Turbulence caused a marked improvement in the dyeing of felt, a slight improvement in the dyeing of woolen yarn and no effect in the dyeing of fur. It is concluded that the influence of turbulence is the less the greater the specific surface of the dyed sample. The method may find an application only for dyeing dense fabrics. B. V. Shvartsberg

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BEREZIN, Vasiliy Pavlovich; ZOTOV, Georgiy Aleksandrovich; SHALAYEV, Stepan Alekseyevich; TEMNOLIN, I.P., red.; MYAKUSHKO, V.P., red.izd-va; KARLOVA, G.L., tekhn. red.

[Potentials for increasing labor productivity; from the work practice of the Olenino Lumbering Camp] Rezervy rosta proizvoditel'nosti truda; iz opyta raboty Oleninskogo lespromkhoza. Moskva, Goslesbumizdat, 1963. 77 p. (MIRA 16:12)

(Olenino (Kalinin Province))--Lumbering--Labor produktivity)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Calculations of technical operating conditions of gas wells by the method of gradual changes of stationary states. Trudy VNIIGAZ no.9:112-130 '60. (MIRA 16:7)
(Gas wells)

ZOTOV, G.A., inzh.

Loader for loading fertilizers and chemicals into an airplane. Trakt. i sel'khozmash. no.7:38-39 Jl '64. (MIRA 18:7)

1. L'vovskaya mashinoispytatel'naya stantsiya.

ZOTOV, G.A.; BEREZIN, V.P.; SHALAYEV, S.A.; KESSEL', I.V.; POLYANTSEV, V.A., red.

[Olenino Logging Camp] Oleninskii lesopromkhoz. Khimki, TSentr. nauchno-issl. in-t mekhanizatsii i energetiki lesnoi promyshl., 1962. 30 p. (MIRA 16:4)
(Olenino region--Lumbering)

ZOTOV, G.A.; TVERKOVKIN, S.M.

Using nonstationary hydrodynamic methods for investigating gas wells in the Gazli field. Gaz. delo. no.2:3-10 '64.
(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza.

BRANDT, Georgiy Georgiyevich [deceased]; MAZUR, Moisey Ven'yaminovich [deceased]; ZAMARKIN, Mark L'vovich; BAMM, A.I., red.; ZOTOV, G.A., red.; PEYCH, N.N., red.; RANTSEV, A.A., red.; MOROZOVA, A.N., red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[English-Russian timber dictionary] Anglo-russkii lesotekhnicheskii slovar'. Izd.1. Moskva, Goslesbumizdat, 1960. 414 p. (MIRA 14:4)

(Lumbering--Dictionaries)
(English language--Dictionaries--Russian)

KOROTAYEV, Yu. P., KORCHAZHKIN, M.T., ZOTOV, G.A., ZHAROV, N.V., MAKSIMOV, V.P., PETUKHOV, Ye. I., VOYTSITSSKIY, V.P.

Mobile unit for the complete investigation of gas wells.
Gaz.prom. 5 no.2:8-13 F '60. (MIRA 13:6)
(Gas wells)

KOROTAYEV, Yu.P.; TVERKOVKIN, S.M.; ZOTOV, G.A.

Testing gas wells without gas losses. Gaz.prom. 5
no.7:1-5 '60. (MIRA 13:7)
(Gas wells)

Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov

Razrabotka i ekspluatatsiya gazovykh mestorozhdeniy, transport gaza (Development and Exploitation of Gas Fields, Transportation of Gas) Moscow, Gostoptekhizdat, 1959, 353 p. (Series: Its: Trudy, vyp. 5/13/) Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Glavnoye upravleniye gazovoy promyshlennosti pri Sovete Ministrov SSSR.

Eds.: Ye. M. Minskiy and V.N. Rzaben; Exec. Ed.: M.P. Martynova; Tech. Ed.: A.S. Polosina.

PURPOSE: This collection of articles is intended for scientists, engineers, and technicians associated with the gas industry.

COVERAGE: The articles discuss the development of gas fields, natural gas recovery, gas transportation, and subsurface gas conservation. Gas field operating conditions are analyzed from the commercial point of view. The author notes that due to the specific geological conditions prevailing in the Soviet Union the application of gas extraction methods of the type used in the USA is not always advantageous. Individual articles discuss problems of the development of gas fields with narrow oil containing fringes, the theory of gas inflow, the study of gas well performance, gas filtration dynamics, and the study of gas condensates. A number of articles are devoted to the study of unstabilized gas flow in pipelines, and discuss theoretical problems connected with the performance of gas ejectors and compressors. The authors also deal with corrosion of the inner surface of gas pipelines. Conclusions made by the authors are supported by mathematical calculations. No personalities are mentioned. References accompany each article.

(28)

GONIK, A.A.; ZOTOV, G.A.; ROKHLENKO, D.B.; GATSKEVICH, V.A., red.

[Profitable types of rafts] Rentabel'nye tipy plotov. [Moskva] M-vo lesnoi promyshl. SSSR[1957] 12 p. (MIRA 11:11)
(Lumber--Transportation)

ZOTOV, G.A.; ROKHLENKO, D.B.

[Kresttsy logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in Lumbering] Krestetskii lespromkhoz TsNIIME. [n.p.] M-vo lesnoi promyshl. RSFSR, 1957. 67 p.
(MIRA 11:11)

(Kresttsy--Lumbering)

ZOTOV, G.A.

Calculating the flow resistances of a well imperfect with respect to the degree of drilling in case of nonlinear flow. Trudy VNIIGAZ no.18/26:64-70 '63. (MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.

Concerning the shape of the indicator curves of a well comprised of several producing horizons. Trudy VNIIGAZ no.18/26:97-104 '63.

Investigating nonstationary gas flow in gas wells. Ibid.:119-141

Using gas-well pressure stabilization curves to determine reservoir parameters. Ibid.:164-172 (MIRA 18:3)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Approximate solution of a problem concerning the steady-state flow of real gases. Trudy VNIIGAZ no.18/26:105-113 '63.

(MIRA 18:3)

KOROTAYEV, Yu.P.; ZOTOV, G.A.; ABRAMOVA, Ye.S.

Practical method and examples of the analysis of the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:142-163 '63. (MIRA 18:3)

ZOTOV, G.A.; KOROTAYEV, Yu.P.; POCHUYEVA, Ye.A.

Determining the position of the zones of lithological and tectonic screening from the pressure build-up curves in gas wells. Trudy VNIIGAZ no.18/26:173-182 '63. (MIRA 18:3)

ZOLOV, G.A.

The RES-2 electric brush-cutting machine. Biul. tekh.-ekon. inform. no.1:58-59 '57. (MIRA 11:4)

(Lumbering--Machinery)

MINSKIY, Ye.M.; KOROTAYEV, Yu.P.; ZOTOV, G.A.

Determining the parameters of a layer from curves of the increasing pressure in gas wells. Gaz.prom. 4 no.5:4-7 My '59. (MIRA 12:7)

(Gas wells)

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PORTNOV, I.G.; ZOTOV, G.A.

Consecutive performance of gas ejectors at steady above critical point rates. Trudy VNIIGAZ no.5:267-284 '59. (MIRA 12:9)
(Gas flow)

ZOTOV, G.A., ROKHLENKO, D.B.; RANTSEV, A.A., red.

[Krestets logging camp of the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry] Krestetskii lespromkhoz TsNIIME. [N.p.] M-vo lesnoi promyshl. RSFSR, 1957. 20 p. (MIRA 11:11)
(Krestets--Lumbering)

Kresttsy District - Lumbering

Year of work of the Kresttsy Lumber Camp. Les. prom. 11 No. 7, 1951.

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

BEREZIN, V.P., inzhener; ZOTOV, G.A., inzhener.

Experience of the most efficient lumber camps. Mekh.trud.rab. 7 no.7: 5-10 Jl '53. (MLRA 6:7)

(Lumber camps)

BARYSHNIKOV, A. I. : ZOTOV, G. A.

Lumbering - Krosttsy lumber camp.

Year of work in the Krosttsy lumber camp. Les. prom. 11 no. 7, 1951.

9. Monthly List of Russian Accessions, Library of Congress, December 1952~~1953~~. Unclassified.

ACC NR: AP6001000 (N) SOURCE CODE: UR/0286/65/000/022/0065/0066

AUTHOR: Zotov, G. A.

ORG: none

TITLE: Device for indicating the pendulum phase of a gravimetric pendulum instrument. Class 42, No. 176435

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 66

TOPIC TAGS: gravimeter, pendulum

ABSTRACT: This Author Certificate presents a device for indicating the pendulum phase of a gravimetric pendulum instrument by utilizing photocells. To increase the accuracy of measurement by the pendulum instrument, diffraction gratings are rigidly mounted in the instrument at the lower ends of the pendulums, parallel to their plane of oscillation.

SUB CODE: 08/ SUBM DATE: 18Nov62

Card 1/1 HW

UDC: 550.831

MELAMED, G.I.; TSVETKOV, V.D.; AYZMAN, D.S.; ZOTOV, G.I., inzh., retsenzent; LIVSHITS, Sh.Ya., inzh., red.

[Machine-tool units] Agregatnye stanki. Moskva, Izd-vo "Mashinostroenie," 1964. 422 p. (MIRA 17:5)

EYLENTUKH, A.M., inzh.; ZOTOV, G.M., inzh.

Choice of the parameters of an electric network for connecting electric motors. Vest. sviazi 22 no.12:15 D '62. (MIRA 16:1)
(Electric driving)

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SADEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.G., red.; DROZDOV, A.G., red.; ROSHCHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. IU.N.Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)
(Economic history)

ZOTOV, German Mikhaylovich; BORISOVA, K., red.; DARONYAN, M., mlad-shiy red.; NOGINA, N., tekhn. red.

[Retail trade in the United States] Roznichnaia torgovlia v SShA. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p. (MIRA 15:2)

(United States—Retail trade)

ZOTOV, G.M., inzh.

Automatic stop mechanisms for high-speed knitting machinery.
Tekst.prom. 21 no.3:60-62 Mr '61. (MIRA 14:3)
(Knitting machines)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MENZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLOIKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSEYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovanii prinimali uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

ZOTOV, G.N., aspirant

Adoption of a system of preferable figures for the unification of industrially produced buildings in lumbering industry enterprises. Sbor.trud. LIIZHT no.181:78-106 '62. (MIRA 16:9)

ZOTOV, G.N.

Applying preferred numbers in promoting module dimensions in building. Standartizatsiia 24 no.2:6-10 F '60. (MIRA 13:5)
(Modular coordination (Architecture))

137-58-6-11641

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 59 (USSR)

AUTHOR: Zotov, G.V.

TITLE: On the Question of Eliminating Continuous Washing of the Collector Electrodes of Blast-furnace Shop Gas Cleaning Electrical Precipitators (K voprosu ob otkaze ot postoyannoy promyvki osaditel'nykh elektrodov elektrofil'trov gazoochistok domennykh tsekhov)

PERIODICAL: Sb. statey. Gos. in-t tipovogo proyektir. i tekhn. issled., 1957, Vol 3, pp 38-55

ABSTRACT: The use of electrostatic precipitators (E) for the fine cleaning of blast furnace gas is a generally recognized procedure. Currently, the plants of the ferrous metals industry employ tubular E consisting of a system of tubes of 230-300 mm diameter, 3500-4500 mm long. The E are built for a gas capacity of 75-120,000 m^3/hr, with 300 or more collector electrodes, and are designated, respectively, as types DM-300, DM-316, etc. In order to prevent the precipitation of blast-furnace flue dust on the surfaces of the electrodes, continuous washing is performed. This requires a markedly larger

On the Question of Eliminating (cont.)

amount of technically pure water than would otherwise be the case in the counterflow gas-cleaning cycle and large expenses for construction and operation. Thus, for example, the water consumption at a metallurgical plant with two or three blast furnaces of 1033 m^3 capacity is 300-450 m^3/hr. At the Kosaya Gora Metallurgical Plant, a test was run in the operation of DM-300 E with periodic washing of the precipitating electrodes once or twice per shift. It was established that the dust content of blast-furnace gas passing through E operating without continual washing was lower than with continual washing. This measure permits reduction of the water consumption of a gas-cleaning installation by 20% on the average.

B.S.

1. Blast furnaces--Equipment 2. Electrodes--Maintenance

YAMPOL'SKIY, T.S.; ZOTOV, G.V.

[Catalog and handbook on cooling towers] Katalog-spravochnik po gradirniam. Moskva, 1962. 109 p. (MIRA [illegible])

1. Moscow. Gosudarstvennyy institut tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy. 2. Nachal'nik otdela promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Yampol'skiy). 3. Otdel promyshlennykh vodoprovodnykh sooruzheniy Gosudarstvennogo instituta tipovogo i eksperimental'nogo proyektirovaniya i tekhnicheskikh issledovaniy (for Zotov).
(Cooling towers)

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Pavorskii and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 10, 1700-5(in French 1705)(1937).—Results comparable to those obtained with Pt electrodes can be obtained with a Ni cathode and Pt anode. Eleven references. A. A. Podgorny

ASM STEEL METALLURGICAL LITERATURE CLASSIFICATION

CA

25

Physical chemical causes of irregularities in dyeing aniline black. O. V. Zoiny. *Klepchatobumazh. Prom.* 10, No. 11-12, 30(1940); *Chem. Zentr.* 1941, II, 2361; cf. *C. A.* 35, 5654⁷.—Slop-paddings contg. K are more stable than those contg. Na; they do not darken so readily during storage before printing with reserve colors. The darkening takes place (1) on heavy fabrics which are insufficiently dried or leave the drying chamber while too hot, (2) mostly in the summer (3) during transportation, (4) if the padding liquor is used after standing for 5–6 hrs. From a theoretical discussion of the vapor pressure of the acid, salts in the padding liquor and their solvent powers Z. concludes that the formation of irregularities can be decreased greatly by the addn. of KCl to the Na baths and by proper drying. Leopold Scheflan

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PROCESSES AND PROPERTIES INDEX

25

The theory of dyeing with aniline black. G. V. Zosiy. *Khlopchatobumazhnaya Prom.* 10, No. 1-2, 49-51 (1940); *Chem. Zentr.* 1940, II, 2683.—The most likely mechanism of aniline-black dyeing is that proposed by Luitfuth and Guyard: The oxidized form of the catalyst, e. g., $Fe_2(SO_4)_3$, $CuCl_2$ or $K_3[Fe(CN)_6]$, oxidizes with the aniline salt, and is itself reduced. This reduction product is reoxidized by chlorate. The following processes are given for dyeing with aniline black. (1) Steam process with V salts: aniline-HCl 0.80, $VOCl_2$ 0.0002, chlorate 0.37 mol. per l.; (1a) with $K_4[Fe(CN)_6]$: aniline-HCl 0.60, $K_4[Fe(CN)_6] \cdot 3H_2O$ 0.11, chlorate 0.28 mol. per l. (2) Oxidation process (textile mills) aniline-HCl 0.60, $CuSO_4 \cdot 5H_2O$ 0.04, chlorate 0.15 mol. per l.; (2a) for furs: aniline-HCl 0.30, $CuSO_4 \cdot 5H_2O$ 0.08, chlorate 0.09. The ratios of the components are $C_6H_5NH_2 \cdot HCl$: chlorate 1:0.42; 1:0.47; 1:0.25; $C_6H_5NH_2 \cdot HCl$: catalyst 1:0.0003; 1:0.20; 1:0.07; 1:0.22; chlorate:catalyst 1:0.0005; 1:0.4; 1:0.28; 1:0.90. The effect of the $K_4Fe(CN)_6$ is discussed. It acts as a catalyst and a neutralizer. It protects the textile from the acid formed by the hydrolysis of aniline-HCl. In the maturing chamber it is transformed into $K_3Fe(CN)_6$, and consequently the degree of acidity of the textile increases. Therefore, it becomes necessary to neutralize the acid with NH_3, if the textile is not processed forthwith. M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

2.

Deviation of $\Delta E/\Delta$ pH from the linear relation in experiments with the glass electrode using a ballistic potentiometer. G. V. Zeoev. *J. Applied Chem. (U.S.S.R.)* 13, 1431-4 (in French; 1285-7) (1940).—Sufficiently accurate results can be obtained in measuring pH with glass electrodes by the ballistic method without compensation, by using a buffer standard soln. for the calibration of the electrode.

A. A. Podgorny

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A-1

BC

Electrolytic dissociation of complex cyanides of iron. II. V Nekrasov and G. V. Zotov. *J. Appl. Chem. Russ.*, 1941, 14, 261—269).—The dissociation consts. of the first and second H atoms of $H_4[Fe(CN)_6]$ and of all three H of $H_3[Fe(CN)_6]$ are of the same order of magnitude as is that of HCl. Those of the third and fourth H of $H_4[Fe(CN)_6]$ are, respectively, 10^{-4} and 5×10^{-5}. R. T.

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IIC

PROCESSES AND PROPERTIES INDEX

B-II-6

Turbulent dyeing of wool at temperatures below 100°. G. V. Zorov (J. Appl. Chem. Russ., 1936, 9, 1096—1101).—The turbulent dyeing (cf. Rendell and Thomas, B., 1935, 028) gives better results than the ordinary process if applied to wool felt; the dyeing of wool fibres and rabbit furs proceeds in the same way whether with or without air-bubbling. The turbulency promotes the diffusion and gives no other effect. J. J. B.

A S M - S L A METALLURGICAL LITERATURE CLASSIFICATION

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RC

B-II-C

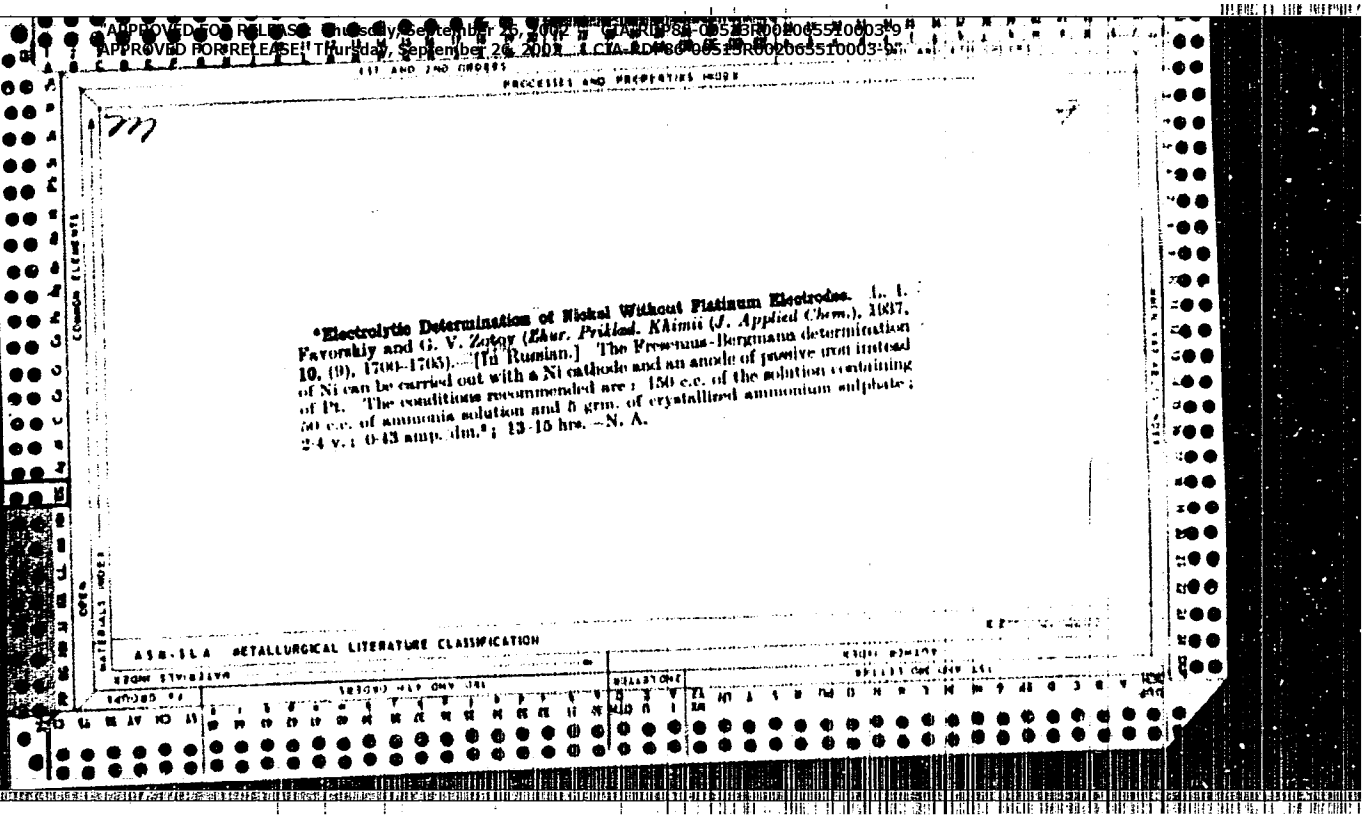
Oxidative catalysis in aniline-black dyeing. B. V. Nekrasov and G. V. Zotov (J. Appl. Chem. Russ., 1939, 12, 1445—[illegible]).—Catalysed production of emeraldine (I) consists of the reactions: (i) Ox. + NH_2Ph → (I) + Red. [Ox. = Fe^{III}, $Fe(CN)_6'''$, Cu^{II}]; (ii) Red. + ClO_3' → Ox. + Cl'. The velocity of reaction (i) varies in the order $Fe^{III} > Fe(CN)_6''' > Cu^{II}$, and of (ii) in the order $Cu^{I} > Fe^{II} > Fe(CN)_6''''$. R. T.

METALLURGICAL LITERATURE CLASSIFICATION

BC

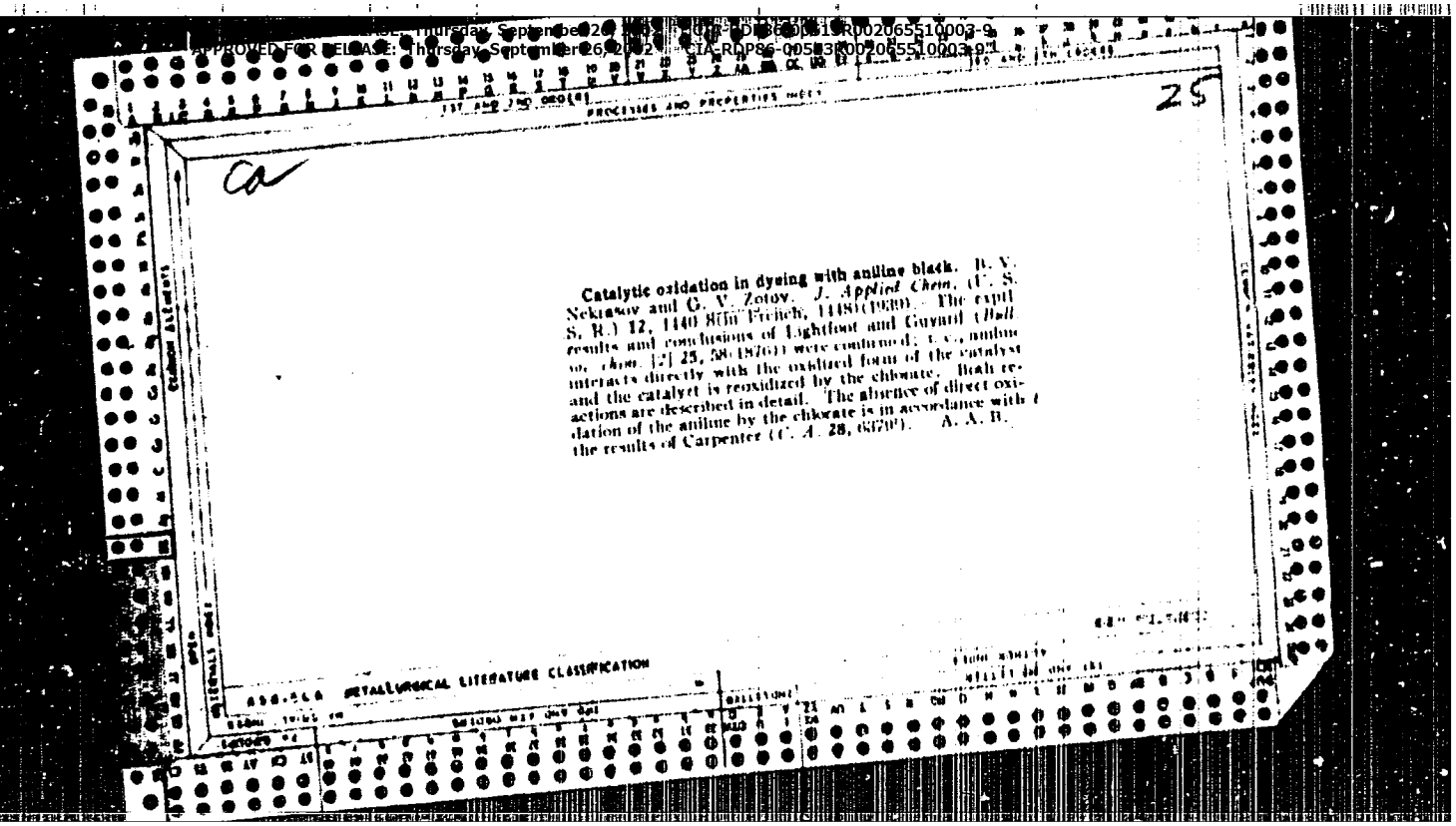
A-1

Electrolytic determination of nickel without the use of platinum electrodes. L. I. Faventini and G. V. Zonov. (J. Appl. Chem. Russ., 1937, 10, 1700—1703).—Ni can be determined by the Fresenius-Bergmann method, using a Ni cathode and « passivated Fe anode. R. T.



777

***Electrolytic Determination of Nickel Without Platinum Electrodes.** L. I. Fevorskiy and G. V. Zatoy (*Zhur. Prikład. Khimii* (*J. Applied Chem.*), 1937, **10**, (9), 1703–1705). [In Russian.] The Fresenius-Bergmann determination of Ni can be carried out with a Ni cathode and an anode of passive iron instead of Pt. The conditions recommended are: 150 c.c. of the solution containing 50 c.c. of ammonia solution and 5 grm. of crystallised ammonium sulphate; 2·4 v.; 0·43 amp./dm.²; 13–16 hrs. —N. A.



25

Ca

Catalytic oxidation in dyeing with aniline black. B. V. Nekrasov and G. V. Zotov. *J. Applied Chem.* (U. S. S. R.) 12, 1440 88(in French, 1448)(1939). The experimental results and conclusions of Lightfoot and Guyard (*Bull. soc. chim.* [2] 25, 58(1876)) were confirmed; i. e., aniline intricate directly with the oxidized form of the catalyst and the catalyst is reoxidized by the chlorate. Both reactions are described in detail. The absence of direct oxidation of the aniline by the chlorate is in accordance with the results of Carpenter (*C. A.* 28, 6370). A. A. B.

METALLURGICAL LITERATURE CLASSIFICATION

[illegible] **Electrochemical properties of collagen as a quantitative characterization of equilibrium in the system collagen-hydrochloric acid.** G. V. Zotov. *J. Applied Chem.* (U.S.S.R.) 10, 180-[illegible]([illegible]).—An attempt was made to establish a quant. relation ruling the reaction between collagen and HCl. Collagen is insol. in water and its reaction with acids proceeds according to the laws corresponding to heterogeneous systems. It has been established, however, that this reaction is permutoid, and therefore it is defined by the law of mass action. Expts. and theoretical calcns. show that it can be represented by $RCOO^- + H^+ \rightleftharpoons RCOOH$, the equil. const. of which is $K_c = 1.05 \times 10^{-?}$. From this value it is possible to calc. the pH of the water contg. collagen previously treated with acid. This const. is higher than that corresponding to gelatin; the compns. of the products of hydrolysis of collagen and of gelatin are analogous but their dimensions are very different, and consequently their electrochem. properties are also different. The passage from polypeptide chains (characteristic of gelatin) to more complex aggregates with a three-dimensional lattice (characteristic of collagen) is accompanied by an increase in the dissocn. const. of the acid groups. It can be assumed that the interaction between collagen and acids is a protolytic process and therefore the quant. characteristic of the absorption of HCl by collagen and of the removal of acid from collagen by water can be calcd. in a way analogous to that relative to ordinary electrolytes. These considerations allow direct detn. of the formulas given by Küntzel (*C.A.* 23, 8?62). N. Goldowski

METALLURGICAL LITERATURE CLASSIFICATION

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Ca

2

Electrolytic dissociation of the complex cyano acids of iron. B. V. Nekrasov and G. V. Zotov. *J. Applied Chem.* (U.S.S.R.) 14, 264-6(1941).—In order to clarify MeOAc, MeOAc and MeOAc and MeOH, from 0% to 50% MeOAc; and MeOH and Me_2CO, Me_2CO, from 0% MeOAc to 50%; and MeOH and Me_2CO, from 0% to 100% MeOH, as well as ternary mixts. MeOH : Me_2CO, 1:1, with MeOAc ranging from 10% to 50%, and MeOH : Me_2CO, 3:7, with MeOAc ranging from 10% to 50%. The plotted results make it possible to utilize the data for analytical work. In general the compn. curves give a straight line, except in the system MeOH-Me_2CO. Equations were derived for analysis of mixts. of the above substances. The amt. of MeOAc in mixt. with MeOH is given by $n = (d_4 - 0.7912)/0.00135$, and in mixt. with Me_2CO by $n = (d_4 - 0.7910)/0.00131$. The first equation gives percentage of MeOAc in limits of 94.8-99.9%, and the latter in limits of 96.5-102.2%. Amt. of Me_2CO in mixt. with MeOH is given by: $n = (n_D - 1.329)/0.000306$, in limits of 101.4-112.5%. The accuracies are given in terms of percentage of the component actually present in the mixt. O. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

2

Electrolytic dissociation of the [illegible] iron. B. V. Nekrasov and G. V. Zotov. J. Applied Chem. (U. S. S. R.) 16, 204-9 (1943).—In order to clarify the effect of ferrocyanide and ferricyanide salts on the weakening of cloth in the course of formation of aniline black, the electrolytic dissocn. of $H_4Fe(CN)_6$ and $H_3Fe(CN)_6$ was studied by potentiometric titration of the K salts with HCl, by use of a combination of glass electrode and calomel half-cell. The results indicate a considerable difference in behavior of the two substances. Although the dissocn. of the first two H of $H_4Fe(CN)_6$ classes it with the fairly strong acids, the last two H are dissocd. considerably less. The method of infinite diln., by extrapolation, gave the dissocn. consts. $K_3 = 1 \times 10^{-3}$ and $K_4 = 5 \times 10^{-5}$. $H_3Fe(CN)_6$ shows considerably greater dissocn., so that even the last H is dissocd. comparably to that of HCl, and therefore this substance belongs in all stages of dissocn. to the class of strong acids. G. M. Kosolapoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZOTOV, I.; KOMAROV, V.

Posters are a form of concrete propaganda of leading work methods. Sots. trud. no.8:122-126 Ag '58. (MIRA 11:9)

1.Sekretar' partkoma metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Zotov). 2.Nachal'nik otdela truda i zarabotnoy platy metallozavoda Moskovskogo oblastnogo sovnarkhoza (for Komarov). (Moscow Province--Metal industries) (Posters)

KAYZERMAN, M.M., mayor meditsinskoy sluzhby; ZAVRAZHIN, M.K., podpolkovnik meditsinskoy sluzhby; KNYAZEV, S.V., podpolkovnik meditsinskoy sluzhby; KOBYAKOV, N.I., podpolkovnik meditsinskoy sluzhby; DOKUCHAYEV, G.M., podpolkovnik meditsinskoy sluzhby; PLETNEV, N.N., polkovnik meditsinskoy sluzhby; KHOROSHCHEV, V.D., podpolkovnik meditsinskoy sluzhby; GORBACHIK, Ye.D., podpolkovnik meditsinskoy sluzhby; DRUKER, Yu.S.; NAZAROV, K.M.; KOMGOROV, P.R., polkovnik meditsinskoy sluzhby; KLIMENKO, A.V., podpolkovnik meditsinskoy sluzhby; RYAKHOVSKIY, I.Ye., podpolkovnik meditsinskoy sluzhby; IVAN'KOVICH, F.A.; GUBIN, S.V., kapitan meditsinskoy sluzhby; ZOTOV, I.G., kapitan meditsinskoy sluzhby; LEONOVA, Ye.I.; BUNTOVSKIY, P.A., mayor meditsinskoy sluzhby; GERASIMOV, A.N., podpolkovnik meditsinskoy sluzhby; GUR'YEV, I.A., kapitan meditsinskoy sluzhby; KOLDOBSKIY, S.Z., mayor meditsinskoy sluzhby

Abstracts. Voen. med. zhur. no.10:74-79 O '65.
(MIRA 18:11)

ZOTOV, I.I., inzh.

Efficient organization of equipment repair is the most important source for labor saving in the machinery industry. Vest. mashinostr. 45 no.5:76-77 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Long-distance dialing attachment to high-frequency apparatus. Avtom., telem. i sviaz. 9 no.1:41 Ja '65. (MIRA 18:2)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Restoration of the brake beams of 40-U car decelerators.
Avtom., telem. i sviaz' 8 no.5:41 My '64. (MIRA 17:10)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Use of SPD-59 apparatus for operation in high frequency channels. Avtom., telem. i sviaz' 6 no.3:36-37 Mr '62. (MIRA 15:3)
(Railroads--Signaling) (Railroads--Electronic equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Spring-type catch in the SP-1 electric drive. Avtom., telem. i sviaz' 8 no.6:38 Je '64. (MIRA 17:6)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Punched cards for use in testing imported electron tubes.
Avtom. telem. i sviaz' 8 no.2:40-41 F '64.
(MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

As suggested by specialist F.I. Letunovskii. Avtom., telem. i sviaz' 8 no.4:35 Ap '64. (MIRA 18:2)

1. Lyublinskaya distantsiya signalizatsii i svyazi Moskovskoy dorogi.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ARKHIPOV, F.F.; ZOTOV, I.M., elektromekhanik

Separation in the power supply arrangement on SPB-5 stands. Avtom., telem.i sviaz' 4 no.4:24 Ap '60. (MIRA 13:6)

1. Nachal'nik Leningrad-Baltiyskoy distantsii signalizatsii i svyazi Oktyabr'skoy dorogi.

(Railroads--Electric equipment)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M., inzh.

Device for using a high-frequency channel as an outgoing trunk of an automatic exchange. Avtom., telem. i sviaz' 9 no.3:39 Mr '65. (MIRA 18:11)

1. Lyublinskaya distantsiya Moskovskoy dorogi.

ZOTOV, Ivan Merkulovich; MARENKOVA, G.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Handbook on cables for electricians and service men] Rukovodstvo elektromekhaniku i monteru po kabel'nym rabotam. Moskva, Gos. transp.zhel-dor.izd-vo, 1959. 206 p. (MIRA 13:2)
(Electric cables)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.M.

ZOTOV, I.M., inzh.

Railroad communication on high frequency channels. Avtom., telem. i sviaz' no.12:33-34 D '57. (MIRA 10:12)
(Railroads--Communication systems)

AYZENBERG, B.I., inzh.; KLEYMENOV, B.M., inzh.; MAMONTOV, S.K., inzh.; MEYL'MAN, B.M., inzh.; MINDLIN, Ya.S., inzh.; PALANT, A.M., inzh.; YAMPOL'SKIY, Ye.S., inzh.; ZOTOV, I.S., inzh., retsenzent; YAKOVLEVA, V.I., red.izd-va; CHERNOVA, Z.I., tekhn.red.

[Design of machinery plants; manual on the organization and methods of designing] Proektirovanie mashinostroitel'nykh zavodov; spravochnoe posobie po organizatsii i metodike proektirovaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 379 p.
(MIRA 13:7)

(Machinery industry)

ZOTOV, I.S.; GOVSIYEVICH, R.Ye.; KUTSIN, B.M.; FRANTSUZ, R.A.; ORLOV, N.A., prof., retsenzent; YAMPOL'SKIY, Ye.S., inzh., red.

[Economic analysis of projects of machine manufacturing plants] Ekonomicheskoe obo~novanie proektov mashino-stroitel'nykh zavodov. Moskva, Izd-vo "Mashinostroenie," 1964. 398 p. (MIRA 17:6)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, I.V.; KUTSENKO, A.V.

Measuring the function of pulse correlation in two counting channels. Prib. i tekh. eksp. no.1:38-42 Jl-Ag '56. (MLRA 10:2)

1. Fizicheskiy institut imeni P.N. Lebedeva Akademii nauk SSSR.
(Nuclear counters) (Pulse techniques (Electronics))

ZOTOV, Ivan Georgiyevich; PLEKHANOV, I.P., red.; GRIGOR'YEVA, A.I., red.; BLAZHENKOVA, G.I., tekhn. red.

[Preparing motorcycles for competitions] Podgotovka mototsiklov k sorevnovaniiam. Moskva, Izd-vo DOSAAF, 1963. 119 p. (MIRA 16:12)

(Motorcycles--Maintenance and repair)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510003-9"

ZOTOV, K.G.; KIRILOV, M.M.

[The organization and operation of the signal central control and block system of a railroad and of its communications] Moskva, Transzheldorizdat, 1954. 300 p. (MLRA 8:2D)