"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 27535-66
ACC NR: AP6007513 SOURCE CODE: UR/0109/66/011/002/0339/0342

42
B

AUTHOR: Vaganov, R. B.; Voytovich, N. N.

ORG: Institute of Radio Engineering and Electronics, AN SSSR (Institut radiotekhniki i elektroniki AN SSSR)

TITLE: Irregularities in a diaphragm-type beam guide

SOURCE: Radiotekhnika i elektronika, v. 11, no. 2, 1966, 339-342

TOPIC TAGS: beam waveguide, light pipe, digital computer

ABSTRACT: Propagation of dominant mode in a beam guide equipped with a series of diaphragms, in the visible-light range, is considered (cf. G. Goubau and J. R. Christian, IEEE Trans., 1964, MTT-12, 2, 212). The coefficient of dominant-mode transmission through an imperfect diaphragm is determined. Additional losses due to variations of diameter, tilt, longitudinal and transverse diaphragm offsets and also due to fractures and offsets of the axis were evaluated on a digital computer. It was found that in the case of lines having no sharp fractures or bends, the transverse offsets of the diaphragms cause the greatest losses. A comparison with a confocal beam

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Card 1/2 UDC: 621.378.325

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L 27535-66

ACC NR: AP6007513

guide revealed these points: (1) In the confocal guide, dominant-mode losses are caused by phase distortion, and higher-mode losses, by aperture limitations; (2) Losses due to transversal shift are much higher in the confocal guide than in the diaphragm type. Orig. art. has: 4 figures and 7 formulas.

SUB CODE: 20, 09 / SUBM DATE: 12Apr65 / ORIG REF: 003 / OTH REF: 001

Card 2/2 BLG

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SOV/24-58-7-3/36

AUTHORS: Vaganov, R.D., Khripina, L.A. and Shishorina, O.I. (Moscow)

TITLE: Estimation of the Fatigue Strength of Large-sized Components from the Results of Testing Model Specimens (Otsenka ustalostnoy prochnosti krupnogabaritnykh detaley po rezul'tatam ispytaniya model'nykh obraztsov)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, 1958, Nr 7, pp 15 - 23 (USSR)

ABSTRACT: It is often difficult to make tests directly on full-sized components - for example, turbine rotors and tests must then be carried out on models. If the component is variable in section and the properties of the material at the surface have been modified by the manufacturing process, the problem arises of converting the results of model tests to those applicable to the full-scale components. Experiments are described on high- and medium-strength steel specimens of different dimensions and containing notches to obtain suitable stress concentration. The statistical effect of variation in properties of the material is evaluated and

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SOV/24-58-7-3/36

Estimation of the Fatigue Strength of Large-sized Components From the Results of Testing Model Specimens

it is concluded that the most important factor in comparing model tests with full-scale results is the state of stress at the surface of the material.
There are 13 figures, 2 tables and 16 references, 11 of which are Soviet, 4 English and 1 German.

SUBMITTED: April 11, 1958

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

PHASE I BOOK EXPLOITATION SOV/3416

Akademiya nauk SSSR. Institut mashinovedeniya

Voprosy prochnosti materialov i konstruktsiy (Problems of Strength of Materials and Structures) Moscow, 1959. 399 p. Errata slip inserted. 3,200 copies printed.

Resp. Ed.: D. N. Reshetov, Professor, Doctor of Technical Sciences; Ed. of Publishing House: O. B. Gorshkov; Tech. Ed.: S. T. Shikin.

PURPOSE: This book is intended for engineers and scientists concerned with the problems of the strength of materials and construction

COVERAGE: The book contains 38 articles on the strength of materials in general and of machine construction in particular. This collection was prepared under the direction of the Institute of Mechanical Engineering of the AS USSR in honor of Sergey Vladimirovich Serensen, one of the founders and directors of the national school of strength of materials, who recently completed 30 years of scientific activity. The preface gives a short sketch of his life and professional activities. The collection is divided into two parts. The first part contains 13 articles on general problems of strength and the strength of machine construction materials. The second part contains 15 articles on dynamics and calculation of strength and rigidity. There are references at the end of each article.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.,

Handy struts. Kryl. rod. 14 no.11:40 N '63. (MIRA 16:11)

L. Dom pionerov i shkol'nikov Leninskogo rayona Leningrada.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KRYACHKO, Z.; IGNATENKO, M., agronom-inspektor; MARKIN, A., kand. sel'-skokhoz. nauk; ZAYETS, V., entomolog-toksikolog; VAGANOV, V.

Pay attention to the hemp leaf roller Grapholitha delineana! Zashch. rast. ot vred. i bol. 10 no.5:51-54 '65.

(MIRA 18:6)

1. Nachal'nik Ukrainskoy karantinnoy inspektsii (for Kryachko). 2. Sumskaya karantinnaya inspektsiya (for Ignatenko). 3. TSentral'-naya karantinnaya laboratoriya Ministerstva sel'skogo khozyaystv[illegible] SSSR (for Markin, Zayets). 4. Starshiy agronom-entomolog Upravleniya khleboproduktov (for Vaganov).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

LYUBMAN, N.Ya.; SHOSTAK, F.T.; IMANGAZIYEVA, G.K.; VAGANOV, V.D.; BAKHAREV, Yu.I.

Some electrochemical and physicomechanical properties of "Ankalit K-1" membranes. Trudy Inst. khim. nauk AN Kazakh. SSR 11:95-97 '64.
(MIRA 17:11)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

AUTHOR: Vaganov, V.D., Lyubman, N.Ya., Shostak, F.T., Kulumbetova, K. Zh.

TOPIC TAGS: ion exchange membrane, membrane permeability, water permeability

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 21336-65

ACCESSION NR: AT5001017

D and the specific permeability K. The latter term includes the effect of the thickness of the membrane and its magnitude for membranes of good quality is 10^{-14} $cm^3 \cdot sec/g$. Orig. art. has: 1 table, 2 figures and 2 formulas.

ASSOCIATION: Institut khimicheskikh nauk, Akademiya nauk Kazakhskoy SSR Institute of Chemical Sciences, Academy of Sciences of the Kazakh SSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, GC

NO REF SOV: 004 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 21340-65 EWT(m)/EWP(j)/T Pc-4 RWH/RM

ACCESSION NR: AT5001009 S/2850/64/011/000/0095/0097

AUTHOR: Lyubman, N.Ya., Shostak, F.T., Imangaziyeva, G.K., Vaganov, V.D., Bakharev, Yu. I.

TITLE: Some electrochemical and physicomechanical properties of the Ankalit K-1 membranes

SOURCE: AN KazSSR. Institut khimicheskikh nauk. Trudy, v. 11, 1964. Sintez i issledovaniye vysokomolekulyarnykh soyedineniy (Synthesis and research of high-molecular compounds), 95-97

TOPIC TAGS: ion exchange membrane, membrane mechanical property, membrane electrochemical property, polyelectrolyte composition, polystyrene membrane, polyethylene membrane, sulfonated polymer, ultrafiltration membrane

ABSTRACT: Chemical composition was found to have a significant effect on the electrical and mechanical properties of "Ankalit K-1" membranes, i.e., 3-dimensional polyelectrolytes containing linear, inert, and thermoplastic macromolecules, and prepared from 36-52 wt% polystyrene, 10-40 wt% of a special, unspecified, crosslinking agent, and polyethylene. Crosslinking and chemical treatment converts polystyrene into a crosslinked polymer with

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 21340-65

ACCESSION NR: AT5001009

bonded ionogenic groups; thus, sulfonation yields highly acidic monofunctional membranes. The electrical resistance decreases with increasing polystyrene concentration and increases with the amount of crosslinking agent used. The potential and selectivity of the membrane increase with the degree of crosslinking of the polyelectrolyte present, the mechanical strength similarly increases while the permeability to water decreases. Selectivity goes through a maximum with increasing amounts of polyelectrolyte and this maximum shifts to a higher concentration of polyelectrolyte in highly crosslinked membranes. The latter are recommended for electrodialysis, but a lower degree of cross linking is needed for membranes used in ultrafiltration. Orig. art. has: 4 figures.

ASSOCIATION: Institut khimicheskikh nauk, Akademiya nauk Kazakhoskoy SSR, (Institute of Chemical Sciences, Academy of Sciences of the Kazakh SSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: MT

NO REF SOV: 004 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.I., inzh.

Automatic control of low-pressure pumping stations. Torf. prom. 35 no.5:35 '58. (MIRA 11:10)

1.Bol'shoye Pikinskoye torfopredpriyatiye.
(Pumping stations) (Peat industry)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 13797-65 EWT(l)/EWG(k)/EEC(k)-2/EEC(b)-2/T/EWA(h) Pm-4/Pz-6/Peb IJP(c)/ ASD(a)-5/RAEM(a)/RAEM(c)/ESD(c)/ESD(dp)/ESD(t)
ACCESSION NR: AP4047240 S/0142/64/007/004/0438/0445

B

AUTHOR: Vagranov, V. I.; Pershenkov, V. S.

TITLE: Inductive properties of low-voltage dinistors

SOURCE: IVUZ. Radiotekhnika, v. 7, no. 4, 1964, 438-445

TOPIC TAGS: dinistor, npnp diode, current-voltage characteristic

25

ABSTRACT: As both the nonlinear resistance ρ and inductance L of a dinistor depend on the mode of operation and frequency, an analytical approximation of experimental families of curves $\rho(I, \omega)$ and $L(I, \omega)$ is very complicated. Hence, preliminary formulas are derived for individual segments of the current-voltage plane, and then the over-all approximate formulas for ρ and L for small-signal conditions are developed, the latter correspond to a simple (ρ and L in series) equivalent circuit. Experiments with a dinistor at 50—150 kc corroborated the

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 13797-65
ACCESSION NR: AP4047240

formulas within 15%. Other experiments revealed a sharp dependence of the dinistor characteristics on temperature (20—40C). Orig. art. has: 10 figures and 25 formulas.

ASSOCIATION: none

SUBMITTED: 14Feb64 ENCL: 00

SUB CODE: EC NO REF SOV: 004 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 19558-65 EWT(1)/EWG(k)/EEC(k)-2/T/EEC(b)-2/EWA(h) Peb SSD/BSD/AFWL/ASD(a)-5/ASD(s)/AFMD(p)/AFETR/AFTC(b)/RAEM(d)/ESD(dp)/IJP(c)
ACCESSION NR: AP4047241 S/0142/64/007/004/0446/0459

AUTHOR: Vaganov, V. I.; Pershenkov, V. S.; Stepanenko, I. P. (Docent)

TITLE: Parallel trigger with a low-voltage dinistor 25

SOURCE: IVUZ. Radiotekhnika, v. 7, no. 4, 1964, 446-459

TOPIC TAGS: dinistor, npnp diode, trigger, parallel trigger, dinistor trigger, digital computer

ABSTRACT: Parallel and series bistable triggers designed with a dinistor (n-p-n-p diode) are considered with special emphasis on the static regime of the parallel trigger (equivalent circuit, input and output characteristics, thresholds and output amplitudes, circuit operability, dissipation power, and tolerable spread of parameters). The operation of two parallel directly coupled triggers is also analyzed. It is found that: 1) the trigger circuit, including a dinistor, a fixed resistor, and a variable nonlinear resistor, has the advantages of a higher input resistance and a lower-than-output-amplitude threshold as compared with the simplest dinistor trigger; 2) according to a static estimate, the above trigger circuit toler-

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 19558-65
ACCESSION NR: AP4047241

ates a 20% parameter spread; and 3) a circuit consisting of two parallel triggers has four stable states and qualitatively new characteristics; the latter fact was corroborated by experiments. Orig. art. has: 10 figures, 55 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 14Feb64 ENCL: 00 SUB CODE: EC

NO REF SOV: 002 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 13798-65 EWT(1)/EWG(k)/EEC(k)-2/T/EEC(b)-2/EWA(h) Pm-4/Pz-6/Peb IJP(c)/
AFETR/SSD/AFMD(p)/ASD(a)-5/ASD(d)/BSD/AFWL/AFTC(b)/ESD(dp)
ACCESSION NR: AP4047242 S/0142/64/007/004/0460/0466

AUTHOR: Vaganov, V. I.; Pershenkov, V. S. B

TITLE: Series trigger with a low-voltage dinistor 75

SOURCE: IVUZ. Radiotekhnika, v. 7, no. 4, 1964, 460-466

TOPIC TAGS: dinistor, npnp diode, trigger, series trigger, dinistor trigger, digital computer

ABSTRACT: A series bistable trigger designed with a dinistor (n-p-n-p diode) is considered; the dinistor is connected in series with a nonlinear resistance the latter being represented by a diode rectifier combined with two fixed resistors. Calculations are made on the basis of a piecewise-linear approximation of the dinistor current-voltage characteristic. Estimated and experimental input and output characteristics are shown. Formulas for operating thresholds, output-voltage amplitudes, and tolerable parameter spread are supplied.

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L 13798-65

ACCESSION NR: AP4047242

Recommendations are given for selecting the supply voltage and resistors. The circuit can operate correctly within a 20% parameter spread. With a higher permissible dissipation power, the circuit operability range becomes wider, the effect of the parameter spread smaller, and the load capacity larger. As compared with a parallel trigger, the series trigger has better dissipation-power and load-capacity characteristics, about the same output-voltage amplitude, and inferior reverse voltage and current characteristics. Two series triggers cannot be cascaded without an amplifier element between them. Orig. art. has: 4 figures and 36 formulas.

ASSOCIATION: none

SUBMITTED: 14Feb64 ENCL: 00

SUB CODE: EC NO REF SOV: 001 OTHER: 000

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 63851-65 EWT(1)/EEC(k)-2/T/EEC(b)-2/EWA(h) IJP(c)

ACCESSION NR: AP5014881 UR/0142/65/008/002/0181/190
621.382.333.33

AUTHOR: Vaganov, V. I.; Pershenkov, V. S.

TITLE: Analysis of the switching time of an active-load dinistor

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 2, 1965, 181-190

TOPIC TAGS: dinistor, pnpn diode

ABSTRACT: The switching time of a dinistor with an active load is theoretically examined on the basis of an equivalent circuit consisting of a nonlinear-voltage generator and its inductive load. Slow- and fast-changing input signals are considered. These conclusions are formulated: (1) The dinistor turn-off time decreases with the load resistance R because the charging voltage across the inductance increases; however, with very low R, the turn-off time stabilizes at a certain minimum; (2) The turn-on time monotonously decreases with R and approaches a constant value; (3) With higher amplitudes ΔE, both the delay and the front-rise time decrease for the turn-on and turn-off conditions; however, increasing ΔE beyond a certain value does not result in appreciable decrease in the switching

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 63851-65

ACCESSION NR: AP5014881

time; (4) In calculating the switching time, the nonlinear-inductance assumption brings about a better agreement with experimental results than the averaged inductance. Orig. art. has: 9 figures and 35 formulas.

ASSOCIATION: none

SUBMITTED: 07Oct64 ENCL: 00 SUB CODE: EC

NO REF SOV: 001 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 63850-65 EWT(l)/EEC(k)-2/T/EEC(b)-2/EWA(h) IJP(c)

ACCESSION NR: AP5014888 UR/0142/65/008/002/0253/0262
621.382

AUTHOR: Vaganov, V. I.; Korzh, V. I.

TITLE: Qualitative analysis of the transient process in a tunnel-diode trigger

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 2, 1965, 253-262

TOPIC TAGS: transient process, tunnel diode, trigger, tunnel diode trigger

ABSTRACT: As the large-signal theory developed by M. Schuller and W. W. Gärtner (PIRE, 1961, v. 49, no. 8, 1268), with its assumption of a linear approximation of the separatrix, cannot explain the operation of a [illegible] trigger, the W. Cunningham method of the [illegible] for qualitative analysis of transient [illegible] trigger. Operation of the trigger on positive and negative pulses [illegible] the effect of the circuit parameters on the minimum input-pulse height is clarified. Theoretical findings were verified by experiments with D217 Ge diodes: the trigger did operate on both positive and negative pulses, the flipping occurred after the pulse, the input-signal height decreased with the load resistance. It is suggested that a nonlinear load (a D216 diode and a resistor) be used in order to improve the trigger sensitivity and speed of operation. Orig. art. has: 9 figures, 5 formulas, and 1 table.

Card 1/2

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 63850-65

ACCESSION NR: AP5014868

ASSOCIATION: none

SUBMITTED: 19Oct64 ENCL: 00 SUB CODE: EC

NO REF SOV: 002 OTHER: 005

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 02407-67 EWT(1) GD

ACC NR: AT6022324 SOURCE CODE: UR/0000/66/000/000/0009/0014

73
B+1

AUTHOR: Vaganov, V. I.; Kuz'min, V. A.; Per shenkov, V. S.; Shagurin, I. I.

ORG: None

TITLE: Possibilities for using thyristors in low-voltage pulse circuits

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya mikroelektroniki. Doklady. Moscow, 1966, 9-14

TOPIC TAGS: thyratron, semiconductor device, pulse generator, flip flop circuit, microelectric circuit

ABSTRACT: The authors consider the properties of the thyristor, a semiconductor device with S-shaped voltage-current characteristics, and discuss the possibilities for using these devices in low-voltage microelectronic pulse circuits. A theoretical and experimental analysis of the equivalent circuit for the thyristor shows that the output reactance of the device is a frequency dependent nonlinear inductance. Flip-flop circuits based on series-parallel connection of dynistors and diodes are discussed. These circuits eliminate the disadvantages inherent in a simple dynistor flip-flop, i. e. a considerable increase in the input impedance of the circuit when the dynistor is open, and are also considerably simpler than transistorized flip-flops, although they have fewer logi-

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

L 02407-67

ACC NR: AT6022324

cal possibilities and are also subject to considerable disadvantages associated with the complexity of matching. A detailed analysis of the simplest trinistor flip-flop (a trinistor in series with a resistor) shows that it is considerably simpler than the corresponding transistorized circuit and does not have the disadvantages shown by dynistor flip-flops, but still has fewer logical possibilities than circuits with transistors. Two flip-flop circuits based on series-parallel combination of trinistors and transistors show appreciable advantages over simple transistor circuits. An analysis of the possibilities for using trinistors in functional logic circuits shows that they have the advantage of forming the front for the output signal independently of the rise time of the input signal, although the greater complexity of trinistor circuits makes them less promising than transistorized logic elements at the present time. Sawtooth generators based on trinistors are extremely simple and give a nonlinearity of less than 1% in the output voltage. An experimental investigation of tetristor flip-flops shows that the dynamic properties of these circuits are completely determined by tetristor parameters and are nearly independent of other circuit properties. A method is proposed for direct matching of flip-flops based on thyristors. Analysis of experimental data shows that the most promising fields for use of thyristors in microelectronic circuits are storage devices, high-power pulse shapers and oscillator circuits. The thyristor with best prospects for development is the tetristor and thyristor-transistor combinations have definite possibilities.

SUB CODE: 09/ SUBM DATE: 05Apr66

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

ACC NR: AP7007054 SOURCE CODE: UR/0142/66/009/004/0458/0465

AUTHOR: Vaganov, V. I.; Korzh, V. I.

ORG: none

TITLE: Complementing dynistor flip-flops

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 4, 1966, 458-465

TOPIC TAGS: flip flop circuit, RC circuit, differentiating circuit

ABSTRACT: On the basis of the equivalent circuit of a dynistor the authors perform a qualitative analysis of the transient response in the flip-flop in the phase plane (current across the dynistor-voltage in dynistor). Two different flip-flop circuits are proposed and analyzed; one with load capacitance and the other with separation capacitance. The mechanism of operation of both circuits in the presence of triggering pulses of positive and negative polarities is elucidated. The qualitative effect of parameters on the performance of the flip-flops is established, and the possibility of cascading such circuits is demonstrated. Thus it is shown that even the most elementary complementing flip-flops for a single dynistor can be cascaded by means of a differentiating RC-circuit, and the performance of the scaling device obtained by cascading depends not only on the selection

Card 1/2 UDC: 621.373.45: 621.382

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

ACC NR: AP7007054

of the parameters of the differentiating circuit but also on the rapidity of action of the dynistor. This analysis was carried out on the assumption that the equivalent circuit of the dynistor represents a series-connected pair of elements: a nonlinear voltage generator $U_1 = f(I)$ and a current-independent inductance L, and that the input pulses are of ideally square shape. Orig. art. has: 11 figures and 2 formulas. [JPRS: 39,577]

SUB CODE: 09

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.I.; TERCHENKOV, V.S.

Analysis of the switching time of a [illegible] with active load. Izv. vys. ucheb. zav.; radiotekh. 8 no.2: 181-190 Mr-Ap '65. (MIRA 18:7)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.I.; KORZH, V.I.

Qualitative analysis of a transient process in a [illegible] trigger circuit. Izv. vys. ucheb. zav.; radiofiz. 8 [illegible]-262 Mr-Ap '65. (MIA 18:7)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.I., inzh.

Group check of the protection units of the power circuits of oil switches. Elek. sta. 36 no.9:84-85 S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

[illegible], Viktor Vasil'yevich

[illegible] eksporditorov i stividorov. Moskva, vneshtorgizdat, 195[illegible].

114 p. 21 cm.

At head of title: Russia. Ministerstvo Lesnoy Promyshlennosti. Tsentral'noye Byuro Tekhnicheskoy Informatsii.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.V.

Studying the process of the milling of peat deposits.
Torf.prom. 35 no.2:25 '58. (MIRA 11:5)

1. Rukovoditel' gruppy Vsesoyuznogo nauchno-issledovatel'skogo instituta torfyanoy promyshlennosti.
(Peat)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

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VAGANOV, V.V.; CHERNUKHIN, S.Ya., kand. tekhn. nauk

Using the milled peat method for the production of peat litter in the industrial and state- and collective-farm enterprises. Trudy VNIITP no.18:92-108 '61. (MIRA 17:1)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.V., inzh.; CHERNUKHIN, S.Ya., kand.tekhn.nauk

Winning peat litter at the enterprises of the Leningrad Economic Council. Torf.prom. 38 no.2:27-31 '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatelskiy institut torfyanoy promyshlennosti.
(Leningrad Economic Region—Peat industry)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V. V.

The FDP-1 cutter drum for cutting peat litters. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. no.10: 59-60 '62. (MIRA 15:10)

(Peat machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

CHERNUKHIN, S.Ya., kand. tekhn. nauk; VAGANOV, V.V., inzh.

Technological plan for the manufacture of peat litter. Torf. prom. 39 no.7:28-30 '62. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.

(Peat)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, V.V.

The PPF-2 pneumatic machine for picking peat underlayer and cut peat. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 16 no.7:17-18 '63. (MIRA 16:8)

(Peat machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, YU. S.

Organization of work in machine-shops Moskva, Gos. nauch.-tekhn.izd-vo mashinostroit. lit-ry, 1948. 71 p. (49-5229*)

TJ1155.V15

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOV, YU. S.

Organizatsiia raboty po grafiku v mekhanicheskikh tsekhakh. Moskva, Mashgiz, 1948. 71 p. diagrs.

Organization of diagramwork in machine shops

DLC: TJ1135. V15

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

TISHCHENKO, G.N., nauchnyy sotrudnik; VAGANOVA, A.D., nauchnyy sotrudnik; KHOPTYUK, A.M., nauchnyy sotrudnik

Do we know enough about silicate bacteria? Zashch.rast.ot vred. i bol. 4 no.1:33 Ja-F '59. (MIRA 12:2)

1. Nemeshayevskaya opytnaya stantsiya Ukrainskogo nauchno-issledovatel'skogo instituta zemledeliya.
(Bacteria, Silicate)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, A.I.

USSR / Farm Animals. Hogs. U-6

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72099

Author : Bakalo, A.N., VAganova, A.I.
Title : The Growth of Piglets Without Silage.

Orig Pub : Svinovodstvo, 1956, No 10, 10-12.

Abstract : Tests on the growth of suckling-pigs without special feed-silage were conducted on two litters. 2-3 days after their birth the pigs received in their throughs water, ground chalk, chopped wood-coal and heated seed. From the 5th day on, the piglets ate coal, from the 7th on - heated seed, and from the 10th day on, the feed which was given to the sows. The sows' ration consisted of barley and corn mush and of sunflower cake and the green mass of corn and lucerne. When removed from the mother, the piglets reached the weight of 13-14.5 kg.

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VAGANOVA, I.P.

24(0); 5(4); 6(2) PHASE I BOOK EXPLOITATION SOV/2215

Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni D.I. Mendeleyeva

Referaty nauchno-issledovatel'skikh rabot; sbornik No.2 (Scientific Research Abstracts; Collection of Articles, Nr 2) Moscow, Standartgiz, 1958. 139 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Komitet standartov, mer i izmeritel'nykh priborov.

Ed.: S. V. Reshetina; Tech. Ed.: M. A. Kondrat'yeva.

PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, measures, and gages for the various industries.

COVERAGE: The volume contains 128 reports on standards of measurement and control. The reports were prepared by scientists of institutes of the Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (Commission on Standards, Measures, and Measuring Instruments under the USSR Council of Ministers). The participating institutes are: VNIIM - Vsesoyuznyy nauchno-issledovatel'skiy metrologii imeni D.I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D.I. Mendeleyev) in Leningrad; Sverdlovsk branch of this institute; VNIIK - Vsesoyuznyy nauchno-issledovatel'skiy institut Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (All-Union Scientific Research Institute of the Commission on Standards, Measures, and Measuring Instruments), created from MOIMIP - Moskovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Moscow State Institute of Measures and Measuring Instruments) October 1, 1955; VNIIFTRI - Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy (All-Union Scientific Research Institute of Physicotechnical and Radio-engineering Measurements) in Moscow; KhGIMIP - Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments); and NOIMIP - Novosibirskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Novosibirsk State Institute of Measures and Measuring Instruments). No personalities are mentioned. There are no references.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, I.P.; KOVALEV, I.F.

Calculation and interpretation of the vibrational spectrum of disilylmethane. Opt. i spektr. 17 no.6:960-961 D '64.
(MIRA 18:3)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KATUNYANTS, K.A.; YAGNOVA, M.D.

Use of spray drying for the production of pectolytic ferment preparations. Ferm. i spirt. prom. 30 no.6:2-5 '64. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i spirtovoy promyshlennosti.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N.A., red.; ROSLOV, G.I., tekhn.red.

[Efficient service in public eating establishments; collection of articles] Peredovye formy obslushivaniia v predpriiatiiakh obshchestvennogo pitaniia; sbornik statei. Moskva, Gos.izd-vo torg.lit-ry, 1955. 38 p. (MIRA 12:3)
(Restaurants, lunchrooms, etc.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N.A.

ZOLOTAREVSKIY, I.Ya.; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor.

[The fight against packing losses] Bor'ba s poteriami po tare. Moskva, Gos.izd-vo torgovoi lit-ry, 1955.22 p. (MLRA 9:5)
(Packing for shipment)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N. A.

PAVLENKO, Ivan Antonovich; PUSTOVALOV, A.S., agronom-zootekhnik, otvetstvennyy redaktor; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Organizing the fattening of hogs] Iz opyta organizatsii svinootkorma. Moskva, Gos.izd-vo torg.lit-ry, 1956. 29 p. (MLRA 10:10)
(Swine--Feeding and feeding stuffs)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N. A.

PAVLENKO, Ivan Antonovich; PUSTOVALOV, A.S., agronom-zootekhnik, otvetstvennyy redaktor; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Swine fattening] Iz opyta organizatsii svinootkorma. Moskva, Gos. izd-vo torg.lit-ry, 1956. 29 p. (MLRA 10:7)
(Swine--Feeding and feeding stuffs)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KRAYEV, Ye.Ye.; VEBER, V.A.; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Specialized restaurants selling milk products, pancakes, pies, and puffs] Molochnaia, blinnaia, pirozhkovaia, pushechnaia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 21 p. (MLRA 9:10)
(Restaurants, lunchrooms, etc.)

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DUSHIN, I.F., kandidat tekhnicheskikh nauk; KUDRYASHOV, N.T., starshiy nauchnyy sotrudnik, nauchnyy redaktor; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Refrigerator floors over circulating air space; a scientific report] Shantsevye poly kholodil'nikov; nauchnoe soobshchenie. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 35 p. (MLRA 9:12)
(Refrigerators)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

MYALKIN, I.A., otvetstvennyy redaktor; SEMENOV, V.N., redaktor; KRAYEV, Ye.Ye. redaktor; VAGANOVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Innovations in the work of public eating establishments] Novoe v rabote predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torgovoi lit-ry, 1956. 90 p. (MIRA 9:11)
(Restaurants, lunchrooms, etc.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

PAVLOVA, I.A., kand. tekhn. nauk; CHERNEYEVA, L., kand. tekhn. nauk, nauchnyy red.; VAGANOVA, N.A., red.; ROSLOV, G.I., tekhn. red.

[Central control of technological processes at enterprises of the refregeration industry; informative report]TSentralizovannyi kontrol' tekhnologicheskikh protsessov na predpriiatiiakh kholodil'noi promyshlennosti; informatsionnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1956. 37 p. (MIRA 14:7)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

DANILENKO, Mikhail Pavlovich; [illegible] redaktor; [illegible], G.I., tekhnicheskiy redaktor

[Confectionery section of the store] Konditerskii tsekh magazina. Moskva, Gos.izd-vo torg. lit-ry, 1957. 49 p. (MIRA 10:10)

1. Zaveduyushchiy konditerskim tsekhom magazina No.41 Moskovskoy gorodskoy kontory "Gastronom" (for Danilenko)
(Confectioner

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SYCHEV, Ivan Nikolayevich,; MARTYNOV, P.T., nauchnyy red.; VAGANOVA, N.A., red.; BABICHEVA, V.V., tekhn. red.

[Prefabricated reed-panel houses and how to market them] Sbornye zhilye doma iz kamyshita i organizatsiia torgovli imi. Moskva, Gos. izd-vo torg. lit-ry, 1958. 94 p. (MIRA 11:12)
(Building materials)
(Buildings,Prefabricated)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

FEDOROV, Petr Nikolayevich; VAGANOVA, N.A., red.; BABICHEVA, V.V., tekhn.red.

[Essays on commerce in India] Ocherki o torgovle v Indii. Moskva, Gos.izd-vo torg.lit-ry, 1959. 175 p. (MIRA 12:12)
(India--Commerce)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N. (Stalingrad)

Checking and helping. Obshchestv.pit. no.5:9-11 My '59.
(MIRA 12:9)
(Stalingrad--Restaurants, lunchrooms, etc.)

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VAGANOVA, N.

On the right track. Obshchestv. pit. no.7:9-12 Jl '59.
(MIRA 12:12)

(Moscow--Railroads--Stations)
(Moscow--Restaurants, lunchrooms, etc.)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N.

Vegetarian restaurant in a health resort town. Obshchestv.pit.
no.9:11-12 S '59. (MIRA 12:12)
(Sochi--Restaurants, lunchrooms, etc.)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

TROFIMOVA, V.I., nauchnyy sotr.; SHTEYMAN, R.A., nauchnyy sotr.; GROZNOV, S.R., nauchnyy sotr.; SIDOROVA, L.I., nauchnyy sotr.; DUNTSOVA, V.G.; KAZENOVA, A.R.; PROTOPOPOV, S.I.; SHORIN, G.F., red.; LOBANOV, D.I., red.; MOLCHANOV, O.P., red.; MARTYNOVA, Ye.G., red.; SIDOROV, V.A., red.; TIMATKOV, V.D., red.; VAGANOVA, N.A., red.; BABIGEVA, V.V., tekhn. red.

[Collected recipes of dishes for workers and students] Sbornik retseptur bliud dlia pitaniia rabochikh i studentov. 2. perer.,dop. izd. Moskva, Gos.izd-vo torg.lit-ry, 1961. 491 p. (MIRA 15:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo torgovli. 2. Nauchno-issledovatel'skiy institut torgovli i obshchestvennogo pitaniya (for Trofimova, Shteyman, Groznov, Sidorova). 3. Upravleniye obshchestvennogo pitaniya Ministerstva torgovli RSFSR (for Duntsova, Kazenova). 4. Glavnyy kulinar Upravleniya obshchestvennogo pitaniya Ministerstva torgovli RSFSR (for Protopopov).

(Cookery)

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MATVEYENKO, Vasiliy Andreyevich; ZYKOV, Anatoliy Dmitriyevich; MEZENTSEV, P.V., prof., red.; VAGANOVA, N.A., red.; FURMAN, G.V., tekhn.red.

[Collection of problems on bookkeeping in public eating establishments; manual for students of commercial institutions of higher learning] Sbornik zadach po bukhgalterskomu uchetu v obshchestvennom pitanii; uchebnoe posobie dlia studentov torgovykh vuzov. Pod red. P.V.Mezentseva. Moskva, Gos.izd-vo torg.lit-ry, 1961. 101 p. (MIRA 14:6)
(Restaurants, lunchrooms, etc.—Accounting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SEMENOV, Viktor Nilovich; VAGANOVA, N.A., red.; MAMONTOVA, N.N., tekhn. red.

[Organization of production in public eating establishments; lectures for students of the technology departments of commercial institutions of higher learning] Organizatsiia proizvodstva predpriiatii obshchestvennogo pitaniia; lektsii dlia studentov tekhnologicheskikh fakul'tetov torgovykh vuzov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 84 p. (MIRA 14:7)
(Food industry--Equipment and supplies)
(Restaurants, lunchrooms, etc.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

V'YUSOVA, Anna Konstantinovna; EVIN, Yakov Aronovich; ZYKOV, Nikolay Lukich; KAGANOVA, N.A., red.; FURMAN, G.V., tekhn. red.

[Compiling and using regular price lists in public dining enterprises; from the work practice of the restaurant trust of Kirov District, Leningrad] Razrabotka i primenenie preiskurantov postoianno deistvuiushchikh tsen v predpriiatiiakh obshchestvennogo pitaniia; iz opyta raboty tresta stolovykh Kirovskogo raiona Leningrada. Moskva, Gos. izd-vo torg. lit-ry, 1961. 21 p. (MIRA 14:8)
(Leningrad—Restaurants, lunchrooms, etc.—Prices)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

GORSHKOV, Aleksey Georgiyevich; LYUBIMOVA, Natal'ya Nikolayevna; VAGANOVA, N.A., red.; MAMONTOVA, N.N., tekhn. red.

[On blue roads; practice in airline passenger service] Na golubykh dorogakh; iz opyta obsluzhivaniia passazhirov vozdushnogo transporta. Moskva, Gostorgizdat, 1962. 39 p. (MIRA 16:4)

(Aeronautics, Commercial--Passenger traffic)
(Restaurants, lunch rooms, etc.)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KAZENNOVA, A.R.; VOYTINSKAYA, S.Ye., starshiy inzh.-tekhnolog; MASLOVA, M.Ye.; VAGANOVA, N.A., red.; GROMOV, A.S., tekhn. red.

[Quality requirements for semiprocessed food products, prepared dishes and culinary products] Trebovaniia k kachestvu polufabrikatov, gotovykh bliud i kulinarnykh izdelii. Moskva, Gostorgizdat, 1962. 95 p. (MIRA 15:8)

1. Glavnyy kulinar Upravleniya obshchestvennogo pitaniya Ministerstva torgovli RSFSR (for Kazanrova). 2. Zamestitel' nachal'nika torgovo-proizvodstvennogo otdela Glavnogo upravleniya obshchestvennogo pitaniya Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta deputatov trudyashchikhsya (for Maslova).
(Cookery) (Food industry--Standards)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

ISAYEV, Anatoliy Vasil'yevich; VAGANOVA, N.A., red.; EL'KINA, E.M., tekhn. red.

[Reference book on nickel-silver tableware] Spravochnik na mel'khiorovuiu posudu. Moskva, Gostorgizdat, 1962. 47 p. (MIRA 15:8)

(Nickel silver) (Tableware)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SHEVELEV, I.; VAGANOVA, N.

School children feeding. Obshchestv. pit. no.12:8-15 D '62. (MIRA 16:1)

1. Zamestitel' nachal'nika Glavnogo upravleniya obshchestvennogo pitaniya Moskovskogo gorodskogo ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta deputatov trudyashchikhsya (for Shevelev).

(Moscow—School children—Food)

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TSYPLENKOV, Nikolay Pavlovich; STANKOVICH, Georgiy Petrovich; MITYURIN, Frol Semenovich; FISHER, Ye.A., red.; VAGANOVA, N.A., red.; VOLKOVA, V.G., tekhn. red.

[Service in restaurants] Obsluzhivanie v restoranakh. Moskva, Gostorgizdat, 1963. 205 p. (MIRA 16:7)
(Restaurants, lunchrooms, etc.)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SENATOV, Igor' Grigor'yevich, kand. tekhn. nauk; VAGANOVA, N.A., red.; EL'KINA, E.M., tekhn. red.

[Sanitary engineering equipment for public eating establishments; heating, ventilation, hot and cold water supply, sewage] Sanitarno-tekhnicheskoe oborudovanie predpriiatii obshchestvennogo pitaniia; otoplenie, ventiliatsiia, snabzhenie kholodnoi i goriachei vodoi, kanalizatsiia. Moskva, Gos. izd-vo torg. lit-ry, 1963. 223 p. (MIRA 16:7)
(Restaurants, lunchrooms, etc.—Equipment and supplies)
(Sanitary engineering)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

ROSTOVSKIY, Vladimir Sergeyevich; VAGANOVA, N.A., red.; EL'KINA, E.M., tekhn. red.

[Semifinished products in public eating establishments] Polufabrikaty v obshchestvennom pitanii. Moskva, Gostorgizdat, 1963. 102 p. (MIRA 17:1)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N.

Days of study, days of work. Obshchestv. pit. no.3:41-43 Mr '63. (MIRA 16:6)
(Cooking schools)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

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VAGANOVA, N.

The teacher of the class is Vera Matveevna Golubchikova.
Obshchestv. pit. no.6:12-15 Je '63. (MIRA 16:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

LEVITSKIY, Konstantin Ivanovich; SKVORTSOV, Boris Mikhaylovich;
VAGANOVA, N.A., red.

[Organization of public eating establishments] Organizatsiia predpriiatii obshchestvennogo pitaniia. Moskva, Ekonomika, 1964. 295 p. (MIR: 17:9)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

TIKHONIN, I.Ya., professor; KAS'YANOV, I.Z., starshiy nauchnyy sotrudnik; YAGANOVA, N.T., mladshiy nauchnyy sotrudnik; KUTEPOVA, N.I., mladshiy nauchnyy sotrudnik

Peculiarities of radiation sickness complicated by surgical intervention in foci of the abdominal cavity under morphine and ether anesthesia. Vest.rent i rad. 31 no.1:27-30 Ja-F '56. (MLRA 9:7)

1. Iz radiologicheskogo otdela (zav.-prof. A.V.Kozleva) Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii imeni V.M.Molotova (dir.-dotsent I.G.Lagunova)

(ROENTGEN RAYS, inj. eff.)
(RADIATION SICKNESS, exper.
surg. of abdom. cavity with morphine & ether anesth.)
(MORPHINE, anesth. and analgesia
in surg. of abdom. cavity in exper. radiation sickness)
(ETHER, ETHYL, anesth. and analgesia
same)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SERGEL', O.S.; SVIRIDOV, N.K.; VAGANOVA, N.T.; OMEL'YANENKO, L.M.

Some morphological and cytochemical changes in the cytoplasm of neutrophil leukocytes in relation to regenerative and degenerative processes following irradiation. TSitologiia 6 no.1:30-35 Ja-F '64. (MIRA 17:9)

1. Kliniko-eksperimental'naya laboratoriya po aprobatsii novykh radioaktivnykh preparatov i Radiologicheskiy otdel Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR, Moskva.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, N. Z.: Master Med Sci (diss) -- "Carbohydrate metabolism and the functional state of the liver in patients with concealed breaks in the long hollow bones". Kazan', 1958, published by the Kazan' U. 16 pp (Kazan' State Med Inst, Kazan' State Sci Res Inst of Traumatology and Orthopedics), 250 copies

(KL, No 2, 1959, 124)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, T. A.

RUDERMAN, A.I.; VAGANOVA, T.A.

X-ray diagnosis of changes in the esophagus in pulmonary tuberculosis [with summary in English]. Vest.rent. i rad. 32 no.3:83-87 My-Je '57. (MIRA 10:10)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii imeni V.M.Molotova (dir. - dotsent I.G.Lagunova)
(TUBERCULOSIS, PULMONARY, compl.
dis. of esophagus, x-ray diag.)
(ESOPHAGUS, dis.
in pulm.tuberc., x-ray diag.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SHEKHONIN, V.P., doktor med. nauk; FIL'KOVA, Ye.M.; VAGANOVA, T.A.

Use of vitamin P in radiation sickness. Trudy TSentr. nauch.-issl. inst. rentg. i rad. 10:409-414 '59. (MIRA 12:9)
(RADIATION SICKNESS) (RUTIN--THERAPEUTIC USE)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KHODALEVICH, A.N.; BRETVEL', I.A.; BRETVEL', M.G.; VAGANOVA, T.I. [deceased]; TORBAKOVA, A.F.; YANET, F.Ye.. Prinimali uchastiye: SOKOLOV, B.S.; VAGANOVA, T.I. [deceased]; SHURYGINA, M.V., PRONIN, A.A., red.; GOROKHOVA, T.A., red.izd-va; GUROVA, O.A., tekhn.red.

[Brachiopods and corals from the Eifelian bauxite-bearing deposits of the eastern slope of the Central and Northern Urals] Brakhiopody i korally iz eifel'skikh boksitonosnykh otlozhenii vostochnogo sklona Srednego i Severnogo Urala. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 282 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Brachiopoda, Fossil)
(Ural Mountains--Corals, Fossil)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, T.I.; LEVIN, Ye.D.; STEPANOV, V.M.

Study of C-terminal amino acid sequence in the molecule of hog pepsin. Biokhimiia 29 no.6:1070-1075 N-D '64. (MIRA 18:12)

1. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.
Submitted March 5, 1964.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

STEPANOV, V.M.; VAGANOVA, T.I.; KUZNETSOV, Yu.S.

Determination of N-terminal amino acids in hog pepsin. Biokhimiia 29 no.3:529-533 My-Je '64. (MIRA 18:4)

1. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGANOVA, V.N.

USSR/Chemical Technology - Chemical Products and Their Applications - Silicates. Glass. Ceramics. Binders. I-10

Abs Jour : Ref Zhur- Khimiya, No 3, 1957, 8960

Author : Dertev, N.K., Khudyakova, T.A. and Vaganova, V.N.

Inst. : Gorki Polytechnical Institute.

Title : The Effect of Heat Treatment and Stresses in Glass on the Latter's Surface Chemical Resistance.

Orig Pub : Tr. Gor'kovsk. politekhn. in-ta, 1955, 11, No 3, 17-26

Abstract : The effect of heat treatment and of stresses on the chemical resistance (KhU) of glass (G) has been investigated as well as the question of improving the KhU of the latter's.

Card 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

USSR/Chemical Technology - Chemical Products and Their Applications - Silicates. Glass. Ceramics. Binders. I-10

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8960

Specimens of sheet glass and K-3 glass (composition given) were used in the tests. The surface KhU was tested by the mylius iodo-eosin method, the concentration of iodi-eosin Na in the solution being determined with the aid of a FEK-M photoelectric colorimeter. It is shown that the KhU depends to a great extent on the condition of the surface film, heat treatment below 400° having a great effect of the KhU of the G. When G is soaked at temperatures below 400°, a considerable decrease in KhU is observed from which it follows that the cooling rate of G below 400° must be the maximum possible.

Card 2/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

USSR/Chemical Technology - Chemical Products and Their Applications - Silicates. Glass. Ceramics. Binders. I-10

Abs Jour6 : Ref Zhur - Khimiya, No 3, 1957, 8960

It is noted that stresses in G have no direct effect on the KhU of the G. However, on prolonged exposure to the atmosphere this improvement appears to be short-lived.

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

KHUDYAKOVA, T.A.; VAGANOVA, V.N.

Chronoconductometric method for determining ammonium chloride in an iron - zinc electrolyte. Trudy po khim.i khim.tekh. no.1:135-139 '63. (MIRA 17:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

ALESKEROVA, Z.T.; GUREVICH, M.S.; OSYKO, T.I.; Prinimala uchastiye VAGANOVA, Ye.G.; YASHCHURZHINSKAYA, N.D., tekhn.red.

[Geology and evaluation of oil and gas potentials in the southern part of Omsk Province] Geologicheskoe stroenie i otsenka perspektiv neftegazonosnosti iuzhnoi poloviny Omskoi oblasti. Leningrad, 1960. 206 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.30) (MIRA 14:4)

(Omsk Province—Petroleum geology)
(Omsk Province—Gas, Natural—Geology)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

YEGOROV, S.N., inzh.; VAGAPOV, A.A., inzh.

Strengthening low-moisture sagging soils. Prom. stroi. 39 no.5:55-56 '61. (MIRA 14:7)
(Soil stabilization)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGAPOV, A.N.

Hand lever winches. Stroi.i dor.mash. 6 no.7:37-38 Jl '61. (MIRA 14:7)

(Winches)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

SHEVCHENKO, V.D.; SHKLYAR, L.A., kand. tekhn. nauk, red.;
VAGAPOV, E.A., red.

[Learn how to drive a car] Uchites' upravliat' avtomobilem. Kazan' Tatarskoe knizhnoe izd-vo, 1965. 194 p.
(MIRA 18:10)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

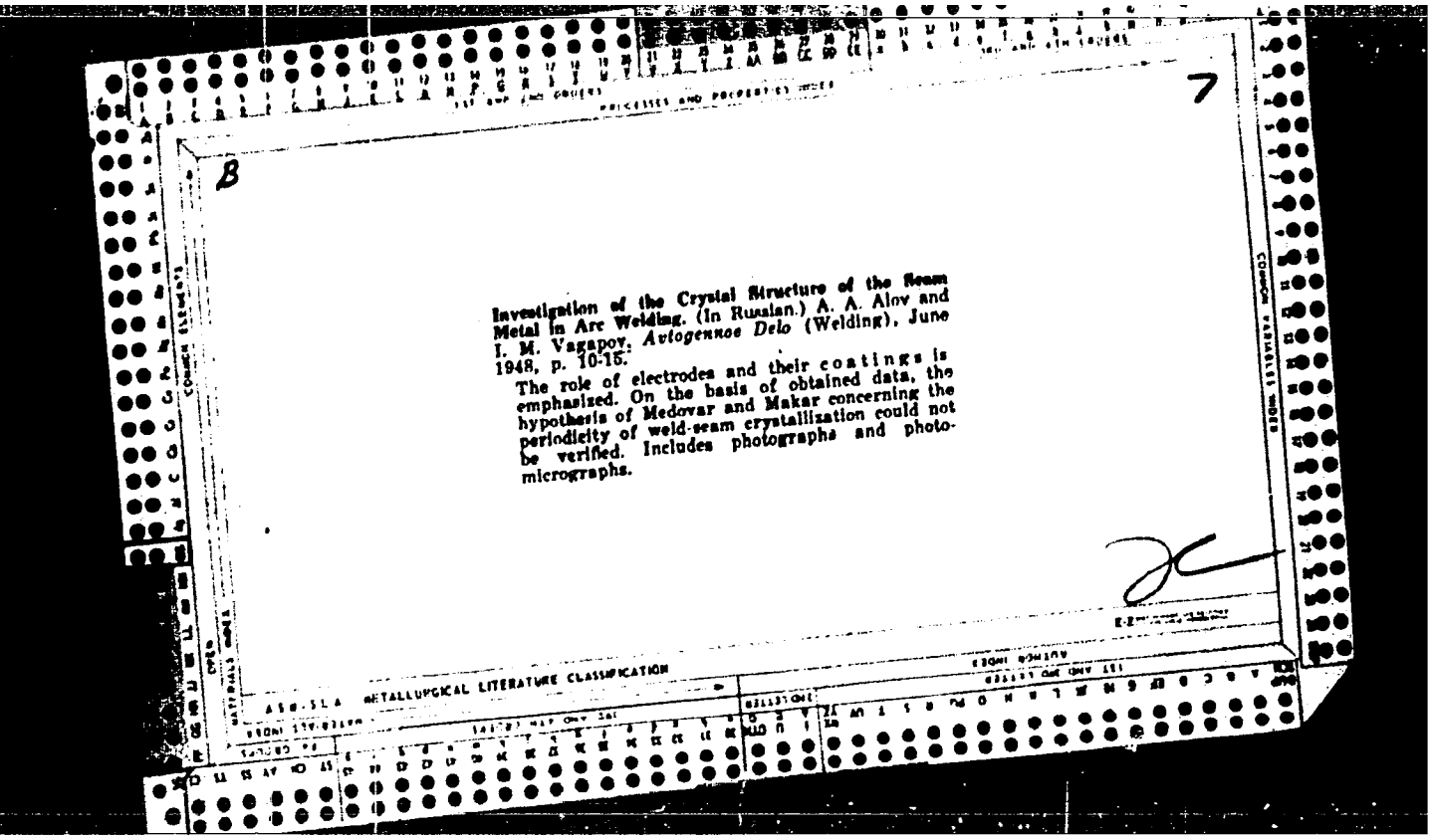
"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

YEVGEN'YEV, P.; VAGAPOV, E.A., red.; TROFIMOVA, A.S., tekhn.red.

[City of miracles] Chudesnyi gorodok. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 22 p. (MIRA 14:1)
(Bugul'ma District--Poultry)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2



Investigation of the Crystal Structure of the Seam Metal in Arc Welding. (In Russian.) A. A. Alov and I. M. Vagapov. *Avtogennoe Delo* (Welding), June 1948, p. 10-15.

The role of electrodes and their coatings is emphasized. On the basis of obtained data, the hypothesis of Medovar and Makar concerning the periodicity of weld-seam crystallization could not be verified. Includes photographs and photomicrographs.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGAPOV, I. M.

INVESTIGATION OF THE STRUCTURE OF THE WELD METAL IN ARC WELDING. I. M. Vagapov. Avtogennoe Delo, 1948, vol. 19, [illegible]. 6, p. 10. Abstract: Savarovsk 1949, vol. 9, June. Metallographical investigations we made of the solidification of the weld metal in arc welding. The weld metal is deposited in successive layers between which bubles and cavities and even cracks may occur. The paper also deals with the influence of the technique and the heat conditions of the formation and size of the dendrites. A fine crystalline structure of the weld metal is an important condition for the good quality of a weld.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGAPOV, I.M., inzhener

Electrodes for wear-resistant hard and medium hard welds.
Svar. proizv. no.2:16-20 F '55. (MLRA 8:9)

1. Opytno-svarochnyy zavod TSentral'nogo nauchno-issledovatel'skogo instituta Ministerstva putey soobshcheniya.
(Electric welding) (Electrodes)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

AID P - 5269

Subject : USSR/Engineering

Card 1/2 Pub. 107-a - 5/18

Author : Vagapov, I. M., Eng. (Experimental Welding Plant of the Central Scientific Research Institute of the Ministry of Railways - TsNII MPS)

Title : Restoration of outworn frogs made of high-manganese steel

Periodical : Svar. proizv., 9, 15-19, S 1956

Abstract : The author describes the procedure of restoration of worn frogs used in railroad tracks. He analyzes the process of overlaying hard facing, selection of electrodes, and the effect of arc heat on quality of base metal and on hard facings. He underlines the effects of defective base metal on hard facings, and presents experience obtained after two years of operation. Two tables, 4 photos, 3 graphs. Three Russian (1937-55) and 1 American reference (1955).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

AID P - 5269

) Svar. proizv., 9, 15-19, S 1956

Card 2/2 Pub. 107-a - 5/18

Institution : As above

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

Vagapov, I.M.

AID P - 5608

Subject : USSR/Engineering

Card 1/1 Pub. 107-a - 8/12

Authors : Berg, T. V., Eng. and I. M. Vagapov, Eng.

Title : **L. Ye. Vititlov's method of welding cast** iron with **steel electrodes.**

Periodical : Svar. proizv., 12, 23-25, D 1956

Abstract : The authors describe the method proposed by Vititlov (a welder at the Noginsk Machine-Tractor Maintenance Station) of welding rather small cast iron pieces 6 to 20mm thick with steel electrodes covered with chalk; several practical suggestions are also given. Five macro- and micro-pictures and 4 drawings.

Institution : Experimental Welding Plant of the Central Scientific Research Institute of the Ministry of Railways (TsNII MPS).

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

23284
S/135/61/000/007/007/012
A006/A106

1.2380 also 1573

AUTHORS: Vagapov, I. M., Vornovitskiy, I. N., Engineer

TITLE: High-efficiency electrodes with iron powder in the coating and peculiarities of their fusion

PERIODICAL: Svarochnoye proizvodstvo, no. 7, 1961, 22-24

TEXT: Electrodes with iron powder coatings have been developed and came into extended use abroad; their efficiency exceeds by 1.5-2 times that of conventional electrodes of equal diameter (Ref. 1-4: Kauhausen, E., Kalsmacher, P., Adamski, F., "Werkstatt und Betrieb" (Shop and Production) no. 10, 1958; Mathias, D. L., "Canadian Welder" no. 8-9, 1957; Mathias, D. L., "Welding Journal" no. 4, 1955; Smith, D. C., Rinehart, W. G., Helton, D. C., "Welding Journal" no. 4, 1956). Multiple attempts of developing domestic electrodes of this type were unsuccessful due to the lack of iron powder production and insufficient knowledge on processes and factors determining the efficiency of the welding process. The authors present results of investigating the effect of the amount and size of iron powder grains in the coating of rutile-acid and basic electrodes on changes in the fusion characteristics of the electrodes. To determine the latter it was

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High-efficiency electrodes ...

necessary to introduce two coefficients instead of one general coefficient of fusion, namely a) the coefficient of fusion of the rod $\alpha_{fr} = \frac{G_r}{It}$ g/a-h, where G_r is the weight of the molten rod; I is the welding current and t is the time of burning of the arc; and the coefficient of fusion of the electrode $\alpha_{fr} = \frac{G_r g_{i.p.}}{It}$ g/a-h, where $g_{i.p.}$ is the weight of iron powder in the molten part of the coating. The coefficient of loss was calculated by formula

$$\psi = \left(1 - \frac{G_n}{G_r g_{i.p.}}\right) \cdot 100\%,$$

where G_n is the weight of built-up metal. The iron powder was produced by reduction and had the following chemical composition: 0.15% C; 0.45% Mn; 0.13% Si; 0.034% S; 0.032% P, 98.3% Fe. The results of determining fusion characteristics of the basic type electrodes with iron powder coatings are given in Fig. 1. The effect of the grain size and composition of the powder was studied by anologous tests and on the basis of results obtained, preliminary requirements to the grain composition of reduced iron powder for electrode coatings were developed (Table 2). It was found that the size of the iron powder grains affected considerably the fusion characteristics of the electrodes: The coefficient of fusion and building up and the rate of electrode

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

High-efficiency electrodes ...

fusion increased with larger grain size. It was established that optimum fusion characteristics can be assured by introducing into the coating greater amounts of coarse iron powder, by selecting optimum thickness of the coating and at higher current densities; the idle run voltage of transformers should be over 60 v. On the basis of the experimental results two types of highly efficient electrodes were developed: the acid-type OZS-3 (OZS-3) and the basic type VN-48U (VN-48U) electrodes with 16-18 and 14-16 g/a-h building-up coefficients respectively. The coefficient of the weight of the coating is within 120 - 170% and the electrode diameter is by about twice as large as the rod diameter. The new electrodes can be used for welding low carbon and low alloy steels in lower position. Highest efficiency of the electrodes is achieved by welding over 6 mm thick metal, long seams, and hardfacing large volumes. Common characteristics of the electrodes are: welding at high current values, easy arc excitation, high welding and technological characteristics, such as good removability of the slag, fine-scaled formation of built-up metal and relatively low splashing. The authors thank Engineers Ye. V. Sokolov and A. D. Rakhmanov for their assistance. Technician Ye. A. Kochervina and Engineer I. A. Fishbeyn participated in the work. There are 3 tables, 3 figures and 11 references: 7 Soviet-bloc and 4 non-Soviet-bloc.

ASSOCIATION: Opytnyy svarochnyy zavod Mosgorsovnarkhoz (Experimental Mosgorsovnarkhoz Welding Plant)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VAGAPOV, I.M., inzh.; LADYZHINSKIY, P.B., inzh.

Standardization of electrodes for the welding of 18-8 type steel. Svar. proizv. no.8:8-11 Ag '62. (MIRA 15:11)

1. Opytnyy svarochnyy zavod Mosgorsovnarkhoza.
(Steel alloys—Welding) (Electrodes—Standards)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2

VORNOVITSKIY, I.N.; VAGAPOV, I.M., KRIUKOVSKIY, N.N., inzh., retsenzent; STEPANCHENKO, N.S., red.izd-va; TSAREVA, T.N., tekhn. red.

[High-duty electrodes for arc welding] Vysokoproizvoditel'nye elektrody dlia dugovoi svarki. Moskva, Mashgiz, 1963. 102 p. (MIRA 16:11)
(Electric welding--Equipment and supplies)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320020-2"