"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

S/020/60/132/03/58/066
B011/B005

18.8300

AUTHORS: Tarasov, N. I., Ulanovskiy, I. B.

TITLE: Influence of Corn Barnacles on the Corrosion of Carbon Steel

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 3, pp. 696 - 699

TEXT: Previously (Ref. 1), the authors had investigated the corrosion of stainless steel due to barnacles. In the present paper, they are dealing with carbon steels. The experiments were made by the methods described in the Black Sea. The surface of carbon steel is well preserved under the basal portions of the calcareous shells of barnacles even after several years in sea water, e.g. on ships and hydrotechnical constructions. The metal surface is particularly well preserved if the samples were placed into the sea at the time of intensive settlement of barnacle larvae. In such cases, the basis of the shell is formed on a surface which is almost free of corrosion products. Sometimes the barnacles settle so densely that nearly no interspaces are left between their shells. Already one single layer of barnacles protects the metal efficiently, and reduces corrosion

Card 1/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

Influence of Corn Barnacles on the Corrosion of Carbon Steel

S/020/60/132/03/58/066
B011/B005

(Fig. 1). Table 1 contains data of the corrosion intensity within 6 months in the bay of Novorossiysk. As compared with samples free of barnacles, corrosion is only half. The difference becomes even greater in the course of time. Similar results are obtained in other ports, and also apply in the case of other steel types. The authors copperplated samples with barnacle-covered surface, and found that the basis of the shell, as a rule, sticks fast to the steel. In this way, the access of oxygen and sea water to the metal is prevented, and oxygen depolarization is avoided. In some cases - if water penetrates under the basis of the shell - the electrodic potential may become more negative than the potential of the surrounding surface. In this case, the metal surface under the shell acts as an anode and decomposes while the surrounding surface acts as a cathode. Decomposition will, however, be small: a) If the said macropair is closed by the mantle cavity and the bottom of the shell, the current intensity is strongly reduced by the calcareous basis due to increasing internal resistance. This was proven by measurements of the authors. b) If the galvanic pair is closed by the narrow interspace between the basis and the metal, corrosion is negligibly small. After the death of the barnacle, the shell remains clinging to the metal, though not so fast as before. Corrosion

4

Card 2/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

Influence of Corn Barnacles on the Corrosion of Carbon Steel

S/020/60/132/03/58/066
B011/B005

remains, however, small since in the course of time the shells form an uninterrupted protective layer (Fig. 2). The effect of this layer is shown in Table 2. Fig. 3 shows a case of destruction of varnish- and color layers by barnacle shells. In such cases, corrosion assumes a ring shape round the shell. Bryozoa and Serpulidae have a similar protective action as barnacles (Fig. 4). The effect of barnacles in other seas may be different from that observed in the Black Sea. There are 4 figures, 2 tables, and 8 Soviet references.

ASSOCIATION: Institut okeanologii Akademii nauk SSSR (Institute of Oceanology of the Academy of Sciences, USSR)

PRESENTED: January 4, 1960, by Ye. N. Pavlovskiy, Academician and P. A. Rebinder, Academician

SUBMITTED: March 20, 1959

Card 3/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ULANOVSKIY, I.B.; TARASOV, N.I.; TURPAYEVA, Ye.P.: KOROVIN, Yu.M.

Corrosion of stainless steel due to the vital activities of acorn barnacles. Dokl.AN SSSR 132 no.4:941-944 Je '60. (MIRA 13:5)

1. Institut okeanologii Akademii nauk SSSR. Predstavlenc akademikom Ye.N. Pavlovskim i akademikom P.A.Rebinderom.
(Black Sea--Cirripedia)
(Steel, Stainless--Corrosion)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

VOYTOV, V.I.; YEGOROVA, A.A.; TARASOV, N.I.

Luminiscence of cultures of the free-moving Bacterium Issatchenkoi Egorova from the Black Sea. Dokl.AN SSSR 132 no.6:1425-1426 Je '60. (MIRA 13:6)

1. Institut mikrobiologii Akademii nauk SSSR. Predstavlenо akademikom V.N.Shaposhnikovym.
(BLACK SEA—BACTERIA, LUMINOUS)
(TRYPTONE)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.; GITEL'ZON, I.I.

Comprehensive investigation of luminescence in the sea during scientific expeditions. Biul. Okean kom. no.8:75-80 '61. (MIRA 15:1)
(Oceanographic research) (Phosphorescence)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.

Fouling in the Soviet waters of the Sea of Japan. Trudy inst. okean. 49:3-59 '61. (MIRA 15:1)

(Japan, Sea of--Marine fouling)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.; RUDYAKOVA, N.A.

Method of studying the fouling of seagoing ships and hydraulic structures. Trudy Inst. okean. 49:60-64 '61. (MIRA 15:1)
(Marine fouling)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.

Marine fouling. Zool. zhur. 40 no.4:477-489 Ap '61. (MIRA 14:3)

1. Laboratory of Technical Biology of the Sea, Institute of Oceanology, U.S.S.R. Academy of Sciences (Moscow).
(Fouling of ship bottoms)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ZEVINA, G.P.; TARASOV, N.I.

Cirripedia thoracica of the Arctic Ocean. Report No.5.
Trudy AANII 257:229-240 '64. (MIRA 17:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.

Changes in the testes of sexually immature rats induced by testosterone propionate. Probl. endok. i gorm. 11 no.2:80-84 Mr-Ap '65. (MIRA 18:7)

1. Kafedra urologii (zav. - prof. A.M.Gasparyan), kafedra patologicheskoy anatomii (zav. - prof. M.A.Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta i kafedra endokrinologii (zav. - prof. B.G.Baranov) Leningradskogo instituta usovershenstvovaniya vrachey.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

SHUSTER, F.D.; TARASOV, N.I.

Bilateral tumor of retained testicles combined with pseudohermaphroditism. Vop. onk. 11 no.8:97-100 '65. (MIRA 18:11)

1. Kafedra gospital'noy khirurgii (zav. - chlen-korrespondent AMN SSSR prof. F.G.Uglov) i kafedra urologii (zav. - prof. A.M. Gasparyan) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.I.

Principles for efficient treatment of cryptorchism. Urol. i nefr. 30 no.1:46-50 Ja-F '65. (MIRA 18:11)

1. Urologicheskaya klinika (zav. - prof. A.M.Gasparyan) I Leningradskogo meditsinskogo instituta i endokrinologicheskaya klinika (zav. - deystvitel'nyy chlen AMN SSSR prof. V.G.Baranov) Leningradskogo instituta usovershenstvovaniya vrachey.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.A.

Investigation of the dielectric penetrability of oil emulsions. Sbor. trud. MISI no.50:70-75 '65. (MIRA 18:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

Hemoglobins; a survey of literature. Probl. gemat. i perel. krovi 10 no.1:25-32 Ja '65. (MIRA 19:1)

1. Kafedra gospital'noy terapii (zav. - deystvitel'nyy chlen AMN SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo instituta.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

21 19

Influence of grain size of steel 20KhNM on the distortion and strength of automobile gears during heat-treatment. N. M. Tarasov and M. R. Semenchenko. *Metalloved. i Obrabotka Metal.* 1955, No. 1, 53-6.—Coarse grain sizes (1 to 4) in 8 to 12% of the heats of this steel and mixed grain sizes in another 7% produced coarse martensite in some gears that were quenched directly from carburizing. An exptl study was made of two steels: (1) contg. C 0.23, Mn 0.56, Si 0.20, P 0.016, S 0.01, Cr 0.53, Ni 1.76, Mo 0.24%, with a grain size of 3 to 5, and a structure of fine lamellar pearlite and striated ferrite; (2) C 0.22, Mn 0.53, Si 0.27, P 0.033, S 0.02, Cr 0.59, Ni 1.71, Mo 0.21%, with a grain size of 6 to 7, and a structure of sorbitic pearlite and irregular network ferrite. Driving transmission gears made from these steels were measured before and after heat-treatment to study warping. The heating temp. for drop forging was 1190 to 1230°, and then the gears were heated to 900 to 910°, air-cooled, and reheated to 650° for 3.5 hrs. The Brinell hardness was then 176 to 187 compared to the as-received values of (1) 415 and (2) 388. The gears were gas carburized for 15 hrs. with kerosine at 860°, directly quenched in oil in a die, and tempered for 1.5 hrs. at 200°. The hardness was then R_c 59 to 62. Measurements of the departure from parallelism of the supporting plane of the heat-treated gears showed that 36% of the coarse-grained gears (steel 1) were out of tolerance, 0.1 mm., but only 3.6% of the gears from steel 2. Similar ratios were found for other measures of warping. In bending tests on gear teeth, 23,000 to 28,000 kg. (24,470 av.) was required for fracture for steel 1 and 30,000 to 33,000 (31,080 av.) for steel 2. The martensite was coarser in steel 1.

A. G. Guy

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

S/147/59/000/04/020/020
E031/E415

AUTHOR: Zolotukhin, V.K.

TITLE: The Scientific-Technical Conference at Khar'kov Aviation Institute

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, Nr 4, pp 161-165 (USSR)

ABSTRACT: In May 1959, the 16th Conference of Professorial and Teaching Staff took place.

Card 8/11

The Technology of Aircraft Construction and Metal Working Section. "A New Model of the Plasticity of Metals" by Instructor, Candidate of Technical Sciences Yu.N.Alekseyev; "The Forging Extrusion of Large Components from Sheet Metal" by Aspirant A.P.Harsukov; "On the Problem of Constructing Second Order Curves in Aircraft Construction" by Senior Instructor M.A.Zaydenvarg; "The Electric Contact Welding of Thin Pieces of Metal" by Assistant N.M.Tarasov; "The Influence of Plastic Deformation on the Properties of Austenitic Stainless Steel at Various Temperatures" by Assistant N.V.Piseraval. "The Deformation of Non-Ferrous Metals and Alloys at Low Temperatures" by Assistant N.N.Lyulichsya; "The Investigation of Phase Changes in Austenitic Steels Previously Deformed at Below Freezing Point Temperatures" by Candidate of Technical Sciences A.N.Chukhleb and Aspirant V.P.Martynov; "The Influence of the Temperature and Velocity of Deformation on the Phase Changes of Austenitic Steels" by Candidate of Technical Sciences A.N.Chukhleb and Fellow V.P.Martynov; "The Determination of Optimum Technical Grouping in the Design and Production of Aircraft" by Assistant

Card 9/11

Yu.A.Boborykin; "On the Use of Explosives in the Technology of Drop Forging" by Assistant K.I.Zavtsev; "Welding by Friction" by Assistant N.P.Ostrovskiy.

Structure of Aircraft Section.

"On the Problem of Protecting the Structure of Aircraft from Aerodynamic Heating" by Docent P.V.Dybskiy; "Passive Methods of Protection from Aerodynamic Heating" by Candidate of Technical Sciences P.G.Yasinskiy; "The Influence of the Parameters of a Thermally Isolated Packet on Heat Transfer Characteristics" by Assistant A.A.Kobylyanskiy; "Aircraft Structures Made from Fibreglass Sheets" by Docent, Candidate of Technical Sciences S.I.Kuz'min; "An Apparatus for Investigating Repeated Static Loading and High Temperatures" by Assistant L.A.Malashenko; "The Approximate Calculation of the Weight Taking into Account the Technical Features of the Aircraft Structure" by Candidate of Technical Sciences L.D.Arson; "The Determination of Stresses in a Shell as a Result of Riveting" by Assistant

Card 10/11

Yu.G.Fursa; "The Ultrasonic Altimeter (Sounding Device)" and "The Radio-Control and Autopilot of an Experimental Model" by Engineer I.F.Taplov.

The Scientific-Technical Conference at Khar'kov Aviation Institute

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

18(5), 25(1) SOV/135-59-7-12/15

AUTHOR: Lyukevich, D.A., Candidate of Technical Sciences, Tarasov, N.M., Assistant

TITLE: New Resistance Welding Machines for Thin Metal

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 7, pp 41-42 (USSR)

ABSTRACT: From 1956 to 1958, two resistance welding machines were developed for welding thin sheet metal at the Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute). These welding machines are designed for spot (ITM-02) and seam (IRM-01) welding. Welding is performed by current of 0.003-0.01 sec duration with continuously variable power adjustment. The spot-welding machine ITM-02 will weld steel sheets of 0.05-0.6 mm, brass sheet from 0.05-0.5 mm. The maximum power is 20 kva. The overall dimensions are 1100x 520x540 mm, the weight is 70 kg. Fig. 1 is photograph of the ITM-02, while Fig. 2 shows the circuit diagram. The device receives power from the 380 volt mains. The welding pulse is controlled within the range of

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

SOV/135-59-7-12/15

New Resistance Welding Machines for Thin Metal

2-20 kva. Fig. 3 is a photograph of the seam-welding machine IRM-01, while Fig. 4 shows the circuit diagram. It will weld steel parts of 0.05-0.5 mm, brass of 0.05 -0.35 mm. The welding speed is 0.1-1m/min. The power is also 20 kva. The number of welding pulses may be regulated from 2 to 17 per second. The weight of the welding machine is 100 kg. Both welding machines are distinguished by the simplicity of their electrical circuits and by great reliability. Presently, welding machines ITM-02 and IRM-01 are being introduced at industrial installations in Khar'kov. There are 2 photographs, 2 circuit diagrams and 2 tables.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute)

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

89713

3/125/60/000/012/006/014
A161/A030

1.5400

AUTHOR: Tarasov, N.M.

TITLE: Alternating Current Pulse Machines for Resistance Welding of Thin Metal

PERIODICAL: Avtomaticheskaya svarak, 1960, No. 12, pp. 46 - 53

TEXT: New A.C. pulse welders for metal of 0.05 - 0.5 mm thickness are described and compared with capacitor type machines. The brief electric pulse (0.001 - 0.008 sec) in these machines is produced by discharge of the capacitor into the welding transformer, but pulses can be obtained directly from the A.C. network. The Khar'kov Aviation Institute developed A.C. pulse machines for spot and roller welding in 1957 (Ref. 1) ("Svarochnoye proizvodstvo" No. 7, 1959), and improved ИТМ-04 (ITM-04) and ИРМ 02 (IRM-02) in 1959. The ITM-04 (fig. 1, photo) (improved ITM-02) is a spot welder annealing the welded spots, the welding and annealing pulses are controlled independently. Its improved pressure head (Fig. 2) has light mobile parts (0.6 kg) with low inertia, which is important in rigid welding processes. The effort from the pedal actuated by the operator is transmitted by the lever (1) to the bushing (11) and on by the precompressed calibrated spring (10) and nut (8) to the pipe (7). This pipe moves together with the rod

Card 1/ 7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

89713

S/125/60/000/012/006/014
A161/A030

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

(6) and the electrode (5) through the bracket (4). When a certain pressure is reached on the electrodes, the spring (10) expands, and the pusher (2) actuates the microswitch (3) to start welding. The pressure on the electrodes is set with the nut (8). The lever system transmitting effort to the head is near the dead point when the electrodes come to contact, and the effort on the pedal is not above 8 kg when the pressure on the electrodes is 60 kg. The IRM-02 (Fig. 3, photo) is for 0.05 ÷ 0.4 mm metal and for joining such thin metal to thick (maximum 20 mm). It is faster than the IRM-1 described previously and its rollers are rapidly cooled with water. The universal ИП-01 (IP-01) chopper (Fig. 4) for both spot and roller welding, with an И-20-1.5 (I-20-1.5) ignitron, is built as a separate unit, gives 0.01 - 0.0025 sec. pulses, permits frequency adjustment in 1 - 17 cycles range, maximum current amplitude is 200 amp. It is designed for 0.1 ÷ 0.5 mm metal, gives spatter on both sheet sides on thicker metal. Experiments were carried out to compare the A.C. pulse with the capacitor welders, and it was stated that the capacitor welders gave a more stable welding process at instable voltage in the network, but not throughout. At 10^{-3} ohm resistance in the part it was the A.C. welder that gave more stable heat formation (Fig. 7).

Card 2/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

89713

S/125/60/000/012/006/014
A161/A030

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

and at higher than 10^{-3} ohm resistance it was again the capacitor welder. But such resistance is rare in spot welding (at very low pressure only), and hence the A.C. welder gave more stable heat in welded spots within the usual work range; besides, it gave welds with more constant properties due to better metal structure. It was concluded that the ITM-04 pulse machine, having similar characteristics to the capacitor type TKM-7 (TKM-7) consumes less electric power (for about 50% power gets lost in charging the capacitors), and the IRM-2 roller-welder is more economical and more dependable because of its simpler electric system than in the equivalent capacitor welders ШКМ-3 (ShKM-3) and МШК-3 (MShK-3), and less ignitrons and thyratrons to replace. Lecturer D.A. Lyukevich guided the development of the A.C. pulse welders; Technician V.A. Boguslavskiy took part in the work. There are 8 figures and 6 Soviet references.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute)

SUBMITTED: May 17, 1960

Card 3/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

89713

S/125/60/000/012/006/014
A161/A030

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

Figure 1: The A.C. pulse spot welding machine ITM-04.

Figure 2: The pressure head of the ITM-04 welder

Figure 3: The pulse roller welder IRN-02

Figure 4: The pulse chopper IP-01

Card 4/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

S/125/60/000/012/006/014
A161/A030

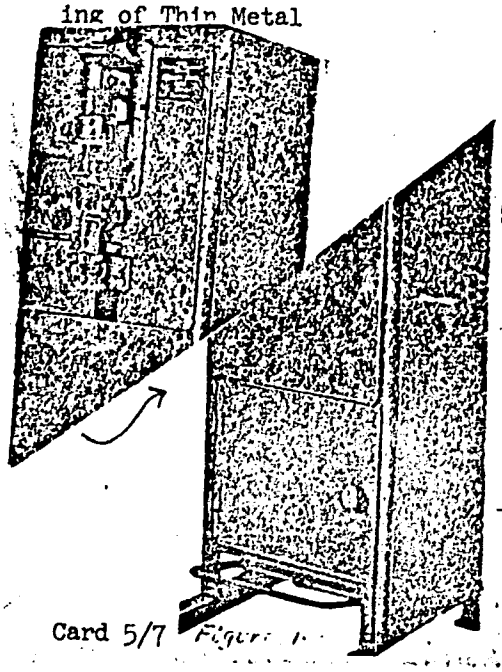

Figure 2:

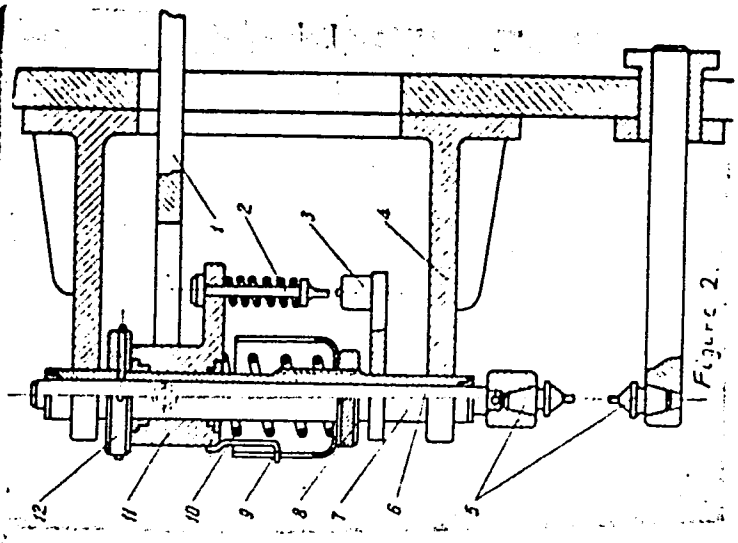

Figure 2.

Card 5/7 Figure 1.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

89713

S/125/60/000/012/006/014
A161/A030

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

Figure 3:

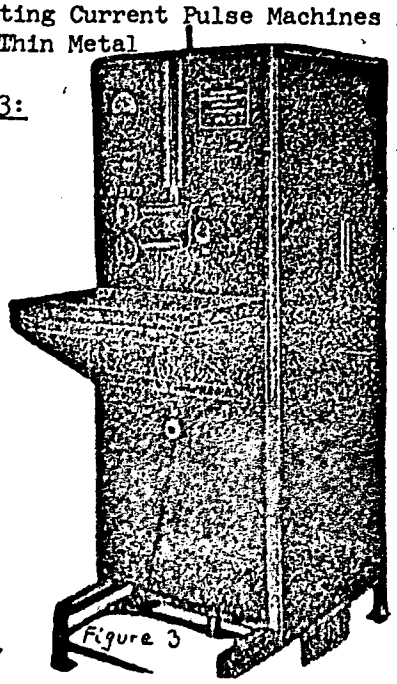

Figure 3

Figure 4:

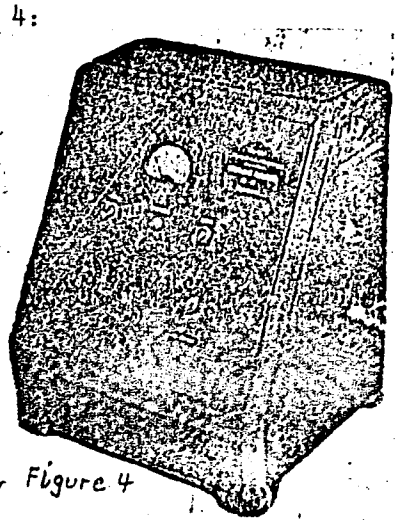

Figure 4

Card 6/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

S/125/60/000/012/006/014
A161/A030

Alternating Current Pulse Machines for Resistance Welding of Thin Metal

Figure 7:

Heat formation in welded spot (%ΔQ) at different resistance in the part ($R_{дет}$), at $R_{дет}$ increase of 1%: 1) with TKM-4 welder; 2) with ITM-04 welder.

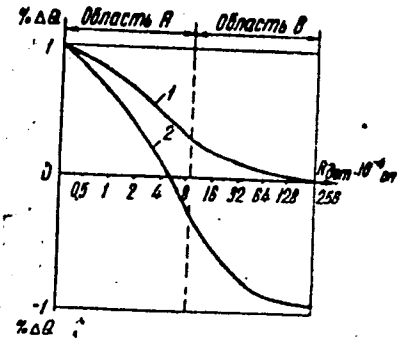

Рис. 7. Изменение тепловыделения в сварной точке (%ΔQ) для различных $R_{дет}$ при увеличении $R_{дет}$ на 1%: 1 — для ТКМ-4; 2 — для ИТМ-04.

Card 7/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

S/0145/63/000/001/0169/0174

ACCESSION NR: AP3000500

AUTHOR: Tarasov, N. M. (Assistant)

TITLE: New method for determining spot welding regimes

SOURCE: Izv. VUZ. Mashinostroyeniye, no. 1, 1963, 169-174

TOPIC TAGS: welding, spot welding, welding current, welding electrode force, spot weld duration

ABSTRACT: A method is presented for obtaining the spot welding regimes (current electrode force, current duration) for different thicknesses of material by generalizing the experimental curves for one thickness of a material. The similarity groups were formulated as follows:

$$F_0 = \frac{at}{\delta^2};$$

$$k = \frac{4I}{\pi d_э^2} k_1 \delta \sqrt{\frac{\delta}{\Theta_k}};$$

$$p = p_0,$$

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ACCESSION NR: AP3000500

(where ρ, λ, a - specific resistivity, heat conductivity and temperature conductivity respectively; P_0 - electrode pressure; t - welding time, I - current, δ - sheet thickness, d_e - electrode diameter, θ - melting temperature of the metal, k_i - coefficient compensating for nonlinearity of electric and temperature fields). Based on current versus time curves at different electrode forces for one thickness of low-carbon steel (δ = 1.5 mm, d_e = 5.0 mm, P_e = 180 kg, 60 kg) and brass (δ = 0.45 mm, d_e = 2.7 mm, P_e = 57 kg), the generalized curves for these two materials are presented. Good results were obtained in experiments based on these curves. Curves for a single thickness can be replotted (using the above transformations) to obtain generalized working curves. Orig. art. has: 6 formulas, 7 figures, and 1 table.

ASSOCIATION: Khar'kovskiy aviatsionny*y institut (Kharkov Aviation Institute)

SUBMITTED: 26Jul61 DATE ACQ: 21Jun63 ENCL: 00

SUB CODE: MA, ML NO REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.M.

Spot welding of certain electroplated copper alloys. Avtom. svar. 16 no.11:50-56 N '63. (MIRA 17:1)

1. Khar'kovskiy aviatsionnyy institut.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ACCESSION NR: AP4039718 S/0145/64/000/004/0178/0184

AUTHOR: Tarasov, N. M. (Engineer)

TITLE: Similarity criteria of heat transfer processes in spot welding of various materials

SOURCE: IVUZ. Mashinostroyeniye, v. 4, 1964, 178-184

TOPIC TAGS: conduction heat transfer, spot welding, boundary condition, liquid phase, contact area, electrode surface, thermal conductivity, resistivity, nucleus formation

ABSTRACT: The necessary and sufficient conditions for conduction heat transfer during spot welding of various materials, models, and types were studied analytically. The analysis was carried out in cylindrical coordinates for both solid and liquid phases in contact. Four boundary conditions were considered: on the contact area between welded components, electrode-component contact area, external surface of the plate in the vicinity of the contact area, and on the water-cooled electrode surface. The heat transfer changes caused by the contact pressure were also included. The equations were nondimensionalized, and three sets of similarity criteria obtained. The first set requires the material, type,

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ACCESSION NR: AP4039718

and model of the weld to be similar, the second requires a similarity between the weld regime (current, weld time, electrode pressure) and the material, and the third shows that the temperature field near welds of different materials is dissimilar because the thermal interaction conditions between electrode and welded material are different, and consequently it is impossible to choose an arbitrary electrode material and still maintain similarity in weld nucleus formation. Finally, for titanium and nickel welds, where electrical and thermal conductivities are low, it is considered possible to lower the electrode resistivity and conductivity without affecting the molten nucleus formation criteria. Orig. art. has: 31 formulas, 1 table, and 1 figure.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut (Kharkov Aviation Institute)

SUBMITTED: 30Jan63 DATE ACQ: 19Jun64 ENCL: 00

SUB CODE: AS NO REF SOV: 010 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 52164-65 EWT(d)/EWT(1)/EWT(m)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(z)/EWP(b)/
ACCESSION NR: AP5014899 EWA(c) Pf-4 JD/HM/HW UR/0135/65/000/006/0032/0033
621.791.037

40
39
B

AUTHOR: Tarasov, N. M. (Candidate of technical sciences)

TITLE: Alternating-current equipment for spot and seam welding metal foil

SOURCE: Svarochnoye proizvodstvo, no. 6, 1965, 32-33

TOPIC TAGS: metal foil, steel foil, copper alloy foil, foil spot welder, foil seam welding /ITM-05 spot welder, IP-02 current pulse interrupter

ABSTRACT: The design and operation are described of an ITM-05 impulse spot welder, an IP-02 pulse interrupter for spot and seam welding with current stabilization, and a special attachment which permits the interrupter to feed several spot welders simultaneously. The equipment was developed at Khar'kov Aviation Institute. The electric circuit of the ITM-05 spot welder is assembled on crystal triodes and ensures a low-inertia current stabilization at a feed-voltage variation of ±10%. The ITM-05 spot welder can weld low-carbon, stainless, and heat-resistant steel, Nichrom, Kovar, manganin, brass, and bronze foils 0.05—0.07 mm thick. It can weld foils of dissimilar metals, and thin sheets to thick plates. The power capacity of the welder is 1—20 kva, maximum current — 15,000 amp, feed voltage — 380 v; the squeezing

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 52164-65

ACCESSION NR: AP5014899

force at the electrodes can be varied from 5 to 50 kg. The interrupter ensures a pulse repetition frequency from 1 to 17 cps and, when fitted with a special attachment, can feed three spot welders simultaneously. Orig. art. has: 5 figures and 1 table. [MS]

ASSOCIATION: Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute)

SUBMITTED: 00 ENCL: 00 SUB CODE: IE, MM

NO REF SOV: 001 OTHER: 000 ATD PRESS: 4018

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. M.

"Increasing the Productivity of Planers." Cand Tech Sci, Ural Polytechnic Inst imeni S. M. Kirov, Min of Higher Education USSR Sverdlovsk, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.M., inzhener.

Measuring the tarque of an electric motor shaft. Trudy Ural.politekh. inst. no.42:64-66 '55. (MLRA 9:8)
(Electric motors--Testing)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.M., Cand Tech Sci -- (diss) "Study of compound synchronous engines of small and average power with excitation from semiconductor rectifiers." Sverdlovsk, 1958, 13 pp (Min of Higher Education USSR. Ural Polytechnic Inst im S.M. Kirov. Chair of Electric Machines) 150 copies (KL, 50-58, 126)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

SYUNOV, N.S., doktor tekhn. nauk prof.; TARASOV, N.M., aspirant

Investigation of synchronous motors of low and medium power with excitation from the semiconductor rectifiers. Trudy Ural. politekh. inst. no.90:78-90 '58. (MIRA 13:2)
(Electric motors, Synchronous)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.M.

Investigating the performance of an excitation circuit equipped with semiconductor rectifiers in small and medium synchronous motors. Izv. vys. ucheb. zav.; elektromekh. 1 no.4:44-53 '58. (MIRA 11:8)
(Electric motors, Synchronous)
(Electric current rectifiers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

8(5) 105-59-2-10/25

AUTHORS: Siunov, N. S., Professor, Doctor of Technical Sciences,
Tarasov, N. M., Engineer

TITLE: Synchronous Motor With Semi-Conductor Rectifier Excitation (Sinkhronnyy dvigatel' s vozbuzhdeniyem ot poluprovodnikovykh vypryamiteley)

PERIODICAL: Elektrichestvo, 1959, Nr 2, pp 40-43 (USSR)

ABSTRACT: The choice of the circuit for the excitation of synchronous compound motors is of decisive importance for their working characteristics. For simplification of the excitation circuit of synchronous motors by semiconductor rectifiers it is suitable to employ special transformer installations. These ensure the motor operation with a leading current at all ratings. In this case the authors used a three-phase 3 winding transformer for feeding the exciter circuits of synchronous motors. The transformer was regulated by an adjustable magnetic shunt or at increased power by means of a reactor in the current circuit of the primary winding. It is shown that the parameters of the proposed connection must be determined commencing with no-load operation and the nominal motor rating. The given explanations were tested by experiments. The inves-

Card 1/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ZBOROVSKIY, I.A.; TARASOV, N.M.

Determination of reduction coefficients of the parameters of the excitation circuits of synchronous machines using experimental data. Trudy Ural. politekh. inst. no.124:43-46 '62. (MIRA 16:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ZHOROVSKIY, I.A.; TARASOV, N.M.

Calculation of excitation circuit transients of synchronous machines with transistor rectifiers. Trudy Ural. politekh. inst. no.124:30-36 '62. (MIRA 16:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 17301-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3002502 S/0105/63/000/006/0001/0006

59
54

AUTHOR: Siunov, N. S. (Dr. of technical sciences, Prof.); Zborovskiy, I. A. (Engineer); Tarasov, N. M. (Candidate of technical sciences, Docent)

TITLE: Calculating electromechanical transients in a synchronous motor excited by semiconductor rectifiers

SOURCE: Elektrichestvo, no. 6, 1963, 1-6

TOPIC TAGS: transient, synchronous motor, semiconductor rectifier, SM-81-4 synchronous motor

ABSTRACT: Electromechanical transients in a synchronous motor whose field winding is supplied from a 3-phase rectifier, which, in turn, is supplied by a 3-winding transformer, have been theoretically and experimentally investigated. The external characteristic of the rectifier is used for setting up equations that describe the transients. Using conventional equivalent-circuit techniques and

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 17301-63

ACCESSION NR: AP3002502

5

Park-Gorev equations for direct- and quadrature-axis parameters, a final set of nonlinear differential equations is developed. Type SM-81-4, 15-kva, 220-v, 0.8-p.f., delta-connected motor and type VS-100 selenium-rectifier bridge circuit were used for specific calculations and experiments. Calculated and experimental curves illustrate the transients in the motor upon a sudden change in its torque from 0.22 to 0.98 relative units. The "Ural-1" computer was used, and the "program was set up by I. M. Sery*y." Orig. art. has: 7 figures and 60 formulas.

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. Kirova (Ural Polytechnic Institute)

SUBMITTED: 14Nov62 DATE ACQ: 12Jul63 ENCL: 00

SUB CODE: EE NO REF SOV: 005 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.M., kand. tekhn. nauk; BEZUKLADNIKOV, D.A., inzh.

Experimental determination of the instantaneous power of electric motors. Trudy Ural. politekh. inst. no.112:116-124 '61. (MIRA 16:7)

(Electric motors)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

SIUNOV, Nikolay Sergeyevich, doktor tekhn. nauk, prof.; TARASOV, Nikolay Mikhaylovich, kand. tekhn. nauk, dotsent; BREYEV, Vadim Nikolayevich, kand. tekhn. nauk, dotsent; ZBOROVSKIY, Isaak Aronovich, starshiy prepodavatel'

Compounded synchronous motor with medium power rating and forced excitation. Izv. vys. ucheb. zav.; elektromekh. 6 no.10: 1212-1220 '63. (MIRA 17:1)

1. Zaveduyushchiy kafedroy elektricheskikh mashin, rektor Ural'skogo politekhnicheskogo instituta (for Siunov). 2. Kafedra teoreticheskoy elektrotekhniki Ural'skogo politekhnicheskogo instituta (for Tarasov, Zborovskiy). 3. Zaveduyushchiy kafedroy elektrooborudovaniya promyshlennykh predpriyatiy Tadzhikskogo politekhnicheskogo instituta (for Breyev).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, M.M., kand. tekhn. nauk

Alternating current equipment for the spot and seam welding of thin metal. Svar. proizv. no.6:32-33 Je '65. (MIRA 18:8)

1. Khar'kovskiy aviatsionnyy institut.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 20445-66 EWT(1)/EWT(m)/EWP(w)/T/EWP(t)/EWP(k) JD/HM

ACC NR: AP6008815 SOURCE CODE: UR/0135/66/000/003/0024/0026

49

47 B

AUTHOR: Tarasov, N. M. (Engineer); Kartashov, V. K. (Engineer)

ORG: Khar'kov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

TITLE: Ultrasonic control and automatic regulation of the spot welding process

SOURCE: Svarochnoye proizvodstvo, no. 3, 1966, 24-26

TOPIC TAGS: welding, spot welding, weld control, ultrasonic control, automatic control

ABSTRACT: A new method of ultrasonic control of spot welds has been developed. The control is based on the reflection of ultrasound from the boundaries of the liquid and solid phases and is done during welding. Pulsed normal ultrasonic vibrations are introduced into the sheet near the electrode in the direction of the weld center. In the absence of fusion, the ultrasound passes freely through the metal to the sheet edge. When a molten metal drop of sufficient size is formed, ultrasound is partially reflected from the side surface of the drop and is recorded. Since the time selection is used in the control, stray reflections from the sheet edge, dents, or other welds are not recorded. The values of the useful and spurious signals depend on the

UDC: 621.791.763.1.004.5:669.15-194

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

L 20445-66

ACC NR: AP6008815

2

sheet material and thickness. In 2 mm sheets, spurious signals can be separated regardless of the material; in sheets thinner than 0.8 mm, the spurious signal separation is difficult and control becomes impossible. For sheets thicker than 4 mm, the nugget diameter is best determined from the distance between the source of reflection and the electrode axis, and for thinner sheets, from the intensity of ultrasound reflection from the nugget. The effective frequency range was found to be 1—10 Mc. The optimum frequency for VT14 and OT4 titanium alloys 2 mm thick was 2.5 Mc; the corresponding figures for 1Kh18N9T stainless steel 1.0 and 2 mm thick were 5.0 and 2.5—5.0 Mc, respectively. Experiments were also made on the automatic control of the spot welding process by the cut-off of the welder the moment the ultrasound reflection from the weld nugget reaches a predetermined value. The automatic control readily maintained the nugget dimensions within the limits of -10 and +5%, even when the current fluctuations reached ±25%. Orig. art. has: 7 figures and 1 table. [MS]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4222

Card 2/2 BK

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

USSR Rpt 7 Jan 66

TARASOV, Nikolay Nikiforovich, Min, Light Industry, USSR, is interviewed regarding future prospects for development of light industry in the Soviet Union.

Kommunist Tadzhikistana, 7 Jan 66 (1) 9

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

RSFSR

LK

Rpt 17 Oct 65

TARASOV, N. N., Min of Light Industry, USSR; discusses the significance of the September plenum of CC, CPSU for the light industry.

Moskovskaya Pravda, 17 Oct 65

(1) 12

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. N.

USSR

USSR

- 7 -

1 - 2 Oct 65

6th Session, Sup Sov, USSR, Sixth Convocation.
List of persons who were confirmed in positions as indicated:
[Cont from card 6, see MAZUROV, K. T., same date]
TIMOFEYEV, Nikolay Vladimirovich -- Min of Timber, Celulose-Paper and Woodworking Industry, USSR,
GRISHMANOV, Ivan Aleksandrovich -- Min of Construction Materials Industry, USSR,
TARASOV, Nikolay Nikiforovich -- Min of Light Industry, USSR,
ZOTOV, Vasiliy Petrovich -- Min of Food Industry, USSR,
ANTONOV, Sergey Fedorovich -- Min of Meat and Milk Industry, USSR,
ZHIGALIN, Vladimir Fedorovich -- Min of Heavy, Power and Transport Machine Building, USSR,
KOSTOUSOV, Anatoliy Ivanovich -- Min of Machine Building and Instrument Making Industry, USSR,
NOVOSELOV, Yefim Stepanovich -- Min of Construction, Roads and Communal Machine Building, USSR,
SINITSYN, Ivan Flegontovich -- Min of Tractor and Agricultural Machine Building, USSR,
TARASOV, Aleksandr Mikhaylovich -- Min of Automobile Industry, USSR,
BREKHOV, Konstantin Ivanovich -- Min of Chemical and Petroleum Refining Machine Building, USSR,
[Cont on card 8, see ANTONOV, Aleksey Konstantinovich, same date]

Pravda, 3 Oct 65

(11) 62

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.N.

USSR

LiSSR

3 Aug 65

Moscow correspondent of Sovetskaya Litva interviewed two USSR ministers on subject of expansion of Lithuanian industry during 25 years of Soviet rule in Lithuania:

KOSTANDOV, L. A., Chmn, State Committee for Chemical Industry, USSR, and TARASOV, N. N., Chmn, State Committee for Light Industry, USSR.

Sovetskaya Litva, 3 Aug 65 (2) 17

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.N.

Light. Ind
MgT

USSR Rpt 28 Mar 65

NIKOLAYEVA, T. N., Sec, Central Council of Trade Unions, USSR, and TARASOV, N. N., Chmn, State Com for Light Industry attached to Gosplan, USSR; Min, USSR; took part in a plenum in Moscow of the CC of the trade union of textile and light industry workers.

Trud, 28 Mar 65 (2) 17

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. N.

USSR (Light Industry)

Rpt 5 May 65

USSR

TARASOV, N., Chmn, State Com for Light Industry attached to Gosplan, USSR; Min, USSR; discusses the contribution of the light industry to the national economy -- including the war effort.

Ekonomocheskaya Gazeta No 18, 5 May 65 (1) 12

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, NIKOLAY NIK. ADMIN- LIGHT INDUSTRY

EN-625 26 Dec 62

USSR

By an Ukase, Presidium, Sup Sov, USSR, TARASOV, Nikolay Nikiforovich, was appointed Chmn, State Com, Council of Min, USSR, for Light Industry, and a Min, USSR.

Vedomosti Verkhovnogo Soveta SSSR #1, 1963 (5 Jan 63)

12
(1)
bj

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.N.

New milestones of the light industry. Kozh.-obuv. prom. 6 no.5: 1-11 My '64. (MIRA 17:12)

1. Predsedatel' Gosudarstvennogo komiteta po legkoy promyshlennosti; ministr SSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.N.

Improve the quality of agricultural machinery. Trakt. i sel'khozmash. 32 no.12:1-3 D '62. (MIRA 16:3)

1. Nachal'nik upravleniya Gosudarstvennogo komiteta Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu.
(Agricultural machinery industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

Tarasov, N.N

19

PHASE I BOOK EXPLOITATION SOV/6162

Trubin, V. N., Candidate of Technical Sciences, and I. Ya. Tarnovskiy, Doctor of Technical Sciences, eds.

Kovka krupnykh pokovok; rezul'taty issledovaniya tekhnologicheskikh rezhimov (Production of Heavy Forgings; Results of a Study of Technological Methods). Moscow, Mashgiz, 1962. 223 p. 3800 copies printed.

Reviewer: O. A. Ganago, Candidate of Technical Sciences; Tech. Ed.: N. A. Dugina; Executive Ed. of Ural-Siberian Department (Mashgiz): E. L. Kolosova, Engineer.

PURPOSE: This book is intended for engineering personnel of forging shops and engineering and design offices at heavy-machinery plants, as well as for those working in scientific-research and planning organizations. It may also be useful to students at higher educational establishments.

Card 1/6

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

COVERAGE: The book reviews technological problems of forging large steel ingots. The effect of reduction and conditions of deformation on the quality of forgings is discussed on the basis of research work done at heavy-machinery plants of the USSR. The book offers practical suggestions on improving the quality of large forgings and reducing the amount of labor required to produce them. I. Ya. Chernikhova, V. I. Tarnovskiy, and V. P. Bakharev took part in preparing the copy for publication. There are 193 references, mostly Soviet.

TABLE OF CONTENTS:

Foreword 3

Ch. I. Effect of Technological Parameters of Forging on the Quality of Forgings 5

Deformations and stresses during drawing and upsetting operations (Tarnovskiy, I. Ya., and V. N. Trubin) 5

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

2

Production of Heavy Forgings; (Cont.) SOV/6162

Forging of 5-ton carbon-steel ingots with intermediate upsetting (Trubin, V. N., and I. I. Grigor'yev) 147
Forging of 5-ton 34KhN1M-steel ingots with intermediate upsetting (Trubin, V. N., and I. I. Grigor'yev) 154
Effect of intermediate upsetting on the quality of forgings from 35-ton type-40 carbon-steel ingots (Naumenko, V. G., and D. I. Filimonov) 162
Effect of reduction and forging procedure on the quality of 1Kh18N9T-steel forgings (Bainova, E. R.) 167
Effect of intermediate upsetting on the quality of forged disks (Tarasov, N. N., and P. S. Rogozin) 176
Optimum reductions in forging ingots with intermediate upsetting 186

Card 5/6

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.N.

The light industry and its development on the base of chemistry. Tekst. prom. 24 no.5:1-10 My '64 (MIRA 18:2)

1. Ministr SSSR, predsedatel' Gosudarstvennogo komiteta po legkoy promyshlennosti pri Gosplane SSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.P.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Gostekhizdat, 1947. 270 p. (MIRA 12:1)
(Mathematics)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, Nikolai Petrovich.

Course in higher mathematics for technical schools

QA303.T18 1951

1. Calculus. 2. Geometry, Analytic.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.P.; SOLODKOV, V.A., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Izd. 8-e, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 390 p. (MLRA 8:4)
(Mathematics--Study and teaching)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, Nikolay Petrovich; GORYACHAYA, M.M., redaktor; GAVRILOV, S.S., tekhnicheskiy redaktor.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Izd.9-ee, perer.Moskva, Gos.izd-vo tekhniko-teoret.lit-ry, 1956. 404 p. (MLRA 9:6)
(Calculus) (Geometry, Analytic)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. S.

KHODAKOVSKIY, V.V.; YEFIMOV, V.A., kand. tekhn. nauk, starshiy nauchnyy rabotnik; KOSENKO, P.Ye., kand. tekhn. nauk; KAZAKEVICH, S.S.; LAPITSKIY, V.I., prof., doktor tekhn. nauk; FILIP'YEV, O.V.; STROGANOV, A.I., kand. tekhn. nuk, dots.; DEMIDOVICH, A.V.; BORNATSKIY, I.I., kand. tekhn. nauk; MEDZHIBOZHSKIY, M.Ya., dots.; KOCHO, V.S., prof., doktor tekhn. nauk; RYN'KOV, V.I.; LOMAKIN, L.M., mladshiy nauchnyy sotrudnik; KOKAREV, N.I., dots.; KLYUCHAREV, A.P.; PLYUSHCHENKO, Ye.A.; KAPUSTIN, Ye.A., kand. tekhn. nauk, dots.; KOBEZA, I.I., kand. tekhn. nauk, nauchnyy sotrudnik; SHIROKOV, G.I.; UMRIKHIN, P.V., prof., doktor tekhn. nauk; LEZHAVA, K.I.; ZHIGULIN, V.I.; MOROKOV, P.K.; KHLEBNIKOV, A.Ye., prof., doktor tekhn. nauk, starshiy nauchnyy sotrudnik; TARASOV, N.S.; NIKOLAYEV, A.G.

Discussions. Biul. TSNIICHM no.18/19:40-66 '57. (MIRA 11:4)

1. Starshiy inzhener Glavspetsstali Ministerstva chernoy metallurgii SSSR (for Khodakovskiy). 2. Institut gaza (for Yefimov). 3. Direktor Dneprodzerzhinskogo metallurgicheskogo instituta (for Kosenko). 4. Nachal'nik laboratorii Leningradskogo instituta ogneuporov (for Kazakevich). 5. Zaveduyushchiy kafedroy metallurgii stali Dnepropetrovskogo metallurgicheskogo instituta (for Lapitskiy). 6. Nachal'nik laboratorii Giprostali (for Filip'yev). 7. Chelyabinskiy politekhnicheskiy institut (for Stroganov). 8. Nachal'nik teplotekhnicheskoy laboratorii Severskogo metallurgicheskogo zavoda (for Demidovich). 9. Zamestitel' nachal'nika TSentral'noy zavodskoy laboratorii Makeyevskogo metallurgicheskogo zavoda (for Bornatskiy).

(Continued on next card)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

KHODAKOVSKIY, V.V.---(continued) Card 2.

10. Sibirskiy metallurgicheskiy institut (for Medzhibozhskiy). 11. Zaveduyushchiy kafedroy metallurgii stali Kiyevskogo politekhnicheskogo instituta (for Kocho). 12 Ispolnyayushchiy obyazannosti glavnogo inzhenera Beloretskogo metallurgicheskogo kombinata (for Ryn'kov). 13. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki (for Lomakin). 14. Ural'skiy politekhnicheskiy institut (for Kokarev). 15. Zamestitel' nachal'nika teplotekhnicheskoy laboratorii Nizhne-Tagil'skogo metallurgicheskogo kombinata (for Klyucherov). 16. Nachal'nik teplotekhnicheskoy laboratorii TSentral'noy zavodskoy laboratorii zavoda im. Voroshilova (for Plyushchenko). 17. Zhdanovskiy metallurgicheskiy institut (for Kapustin). 18. Institut metallurgii im. Baykova AN SSSR (for Kobeza). 19. Nachal'nik laboratorii martenovskikh pechey Vsesoyuznogo nauchno-issledovatel'skogo instituta metallurgicheskoy teplotekhniki (for Shirokov). 20. Zaveduyushchiy kafedroy metallurgii stali Ural'skogo politekhnicheskogo instituta (for Umrikhin). 21. Nachal'nik metallurgicheskoy laboratorii TSentral'noy zavodskoy laboratorii Zakavkazskogo metallurgicheskogo zavoda (for Lezhava). 22. Zamestitel' glavnogo inzhenera zavoda im. Petrovskogo (for Zhigulin). 23. Nachal'nik martenovskogo tsekha Kuznetskogo metallurgicheskogo kombinata (for Morokov). 24. Institut metallurgii im. Baykova AN SSSR (for Khlebnikov). 25. Glavnyy inzhener Petrovsk-Zabaykal'skogo metallurgicheskogo zavoda (for Tarasov). 26. Nachal'nik tsekha Magnitogorskogo metallurgicheskogo kombinata (for Nikolayev).

(Open-hearth process)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.S.

Method for calculating the number of marmots from an automobile. Izv.Irk.gos.nauch.-issl.protivochum.inst. 19:143-145 '58. (MIRA 13:7)
(Animal populations) (Marmots)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

METRIKIN, A.A.; TARASOV, N.S.

Wave guides with circular cross section designed for operation as radio relay lines. Radiotekhnika 15 no.7: 10-15 Jl '60. (MIRA 13:7)

1. Deystvitel'nyy chlen nauchno-tekhnicheskogo Obshchestva radiotekhniki i elektrosvyazi im. A.S.Popova (for Metrikin).
(Wave guides)
(Radio relay lines)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. T.

4572. TARASOU, N. T. za vysokoe kachestvo obuvi. [Opyt raboty omskoy obuvnoy fabirki #1]. omsk, oel. kn. izd. 1954. 27 s. s ill. 20 sm. (tribuna peredovogo opyta). 1.000 exz. 35 k.-[54-58094]p

685.31.02:658.562st

SO: Knizhnaya Letopis', Vol. 1, 1956

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.V. (Noril'sk)

Construction of heating systems north of the Arctic Circle. Vod. i san. tekh. no.10:39-40 O '60. (MIRA 13:11)
(Noril'sk--Hot-water heating)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N. YA.

USSR/Electricity
Electric Power Plants
Hydroelectric Power

Dec 48

"All-Union Conference of Directors of Construction and Installation Organizations of the Ministry of Electric Power Plants" 10 pp

"Elek Stants" No 12

"Reports conference held 1-3 Dec 48 in Moscow at the Engineers and Technicians Club imeni Dzerzhinskiy to discuss results of capital construction in 1948 and plans for 1949. Reports conferences speeches including those by A. I. Dr obyshev, Dep Min of Elec Power Plants, N. M. Rogovin, Chief of Constr, Stalingrad Hydro Plant, C. B. Grobokopatel', Chief Engr, Moscow Power Trust, F. D. Ivanishchenko, Dir, Cen Power Installation Trust, and N. Ya. Tarasov, Dir, Northern Power Constr Trust.

PA 54 /49T26

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya

Techniques used in our chemical laboratory. Zav.lab. 21 no:2: 251-252 '55. (MLRA 8:6)
(Chemical engineering laboratories)
(Metallurgical laboratories)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

137-58-5-11134

TARASOV, N. YA.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 319 (USSR)

AUTHORS: Tarasov, N. Ya., Moshkovskiy, P. V.

TITLE: On the Employment of the Photocolorimetric Method in a Systematic Analysis of Acid-resistant Open-hearth Slags (O primenenii fotokolorimetricheskogo metoda v sistematicheskom analize martenovskikh shlakov, ne razlagayemykh v kislotakh)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii. Ukr. resp. pravl., 1956, Vol 4, pp 98-100. Comments, pp 101-103

ABSTRACT: A report on the development of a method which employs a photocolorimeter of own manufacture for the analysis of slags which do not decompose in acids. The slag is smelted for 15 minutes at a temperature of 1000°C; it is then leached to a sulfate solution and all its components are then determined. SiO_2 is determined in the form of an Si-Mo complex, the Mo in it being subsequently reduced with Mohr's salt. At an SiO_2 content of 10.0-25.0%, the accuracy of determination fluctuates within the limits of ±0.15-0.30%. Al is determined with aluminone without the preliminary removal of Fe by reducing it with hydroxylamine chloride. At an Al_2O_3 content of 1.0-10.0%, the

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

137-58-5-11134

On the Employment of the (cont.)

accuracy of determination varies within the limits of ±0.3-0.5%. With an Fe content of 1.0-5.0%, use was made of the complex formed by the Fe and sulfosalicylic acid, the accuracy of determination varying within the limits of ±0.06-0.08%. The Prussian-blue reaction was employed when the Fe content was 5-20%. The ammonium persulfate oxidation reaction was utilized in the determination of Mn oxide. The determination of Cr_2O_3 is based on a diphenylcarbazide reaction when the Cr_2O_3 content is 0.5-5.0%. The accuracy is ±0.03-0.08%. P_2O_5 was determined by the method of extraction of a phosphorous molybdate complex by means of ether, followed by the reduction of $SnCl_2$. CaO and MgO are determined by the "complexometric" method. W is determined in the form of a rhodanide complex. At a WO_3 content of up to 4% the accuracy of the determination is ±0.04-0.10%. The time required for the analysis of slag has been cut in half.

K. K.

1. Slags--Analysis 2. Colorimetry--Applications

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.YA.

137-58-5-11150

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 321 (USSR)

AUTHORS: Tarasov, N.Ya., Bogdanov, T.G., Slyusareva, F.G.

TITLE: A High-speed Photocolorimetric Method Determines Phosphorus Content of Steel by Employing Isoamyl Alcohol for Extraction of the Phosphorus-molybdenum Complex (Ob ekspressnom fotokolorimetricheskom metode opredeleniya soderzhaniya fosfora v stali s izvlecheniyem izoamilovym spirtom fosforno-molibdenovogo kompleksa)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii. Ukr. resp. pravl., 1956, Vol 4, pp 104-106. Comments, p 107

ABSTRACT: A high-speed photocolorimetric method was developed whereby the P content of steel is determined by means of extraction of the P-Mo complex with the aid of isoamyl alcohol. 0.5 g of steel is dissolved in 20 cc of HNO_3 (1:1); after adding 5 cc of a 1.5% $KMnO_4$ solution, the mixture is boiled until the precipitation of MnO_2; the latter is subsequently decomposed by heating in 5 cc of a 5% solution of $H_2C_2O_4$. After cooling, the solution is transferred into a 100-cc flask, and H_2O is added to a predetermined level. 2 cc of the solution being analyzed and 3 cc of isoamyl

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

137-58-5-11150

A High-speed Photocolorimetric (cont.)

alcohol are placed into a separating funnel containing 1 cc of ammonium molybdate; 1 cc of $SnCl_2$ is deposited drop by drop on the internal wall of the funnel; the solution is stirred slightly, and the lower layer of the sediment is poured off. (The $SnCl_2$, mentioned above, is obtained in the following manner: 12.5 g of metallic Sn are dissolved under heating in 300 cc of HCl; the solution is diluted with H_2O to a volume of 1 liter and is then filtered; a stream of CO_2 is passed through it for a period of 10 minutes. The solution is preserved under CO_2. Before using, the solution is diluted (1:1) with water and placed into a buret, where it is preserved under a layer of transformer oil 1-2 cm thick.) The alcohol extract is analyzed photometrically with a light yellow or red light filter.

K.K.

1. Phosphorus--Determination 2. Steel--Analysis 3. Alcohols--Applications
4. Colorimetry--Applications

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya.

Electrical networks in France. Energetik 4 no.7:6-12 Jl '56.
(MIRA 9:9)
1.Zamestitel' Ministra stroitel'stva elektrostantsii.
(France--Electric power distribution)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

PERVUKHIN, M.G.; LOGINOV, F.G.; ZHIMERIN, D.G.; PAVLENKO, A.S.; KULEV, I.A.; DONCHENKO, V.I.; DROBYSHEV, A.I.; DMITRIYEV, I.I.; YERMAKOV, V.S.; SOSNIN, L.A.; PODUSHKIN, A.S.; SMIRNOV, M.S.; TARASOV, N.Ya.; NIKOL'SKIY, G.P.; KRYLOV, N.A.; KOGTEV, G.I.; ACHKASOV, D.I.; VESELOV, N.D.; CHIZHOV, D.G.; UGORETS, I.I.; NIKIFOROV, F.N.; PLATONOV, N.A.

Vladimir Nikolaevich Sergeev; obituary. Elek. sta. 27 no.3:63 Mr '56. (MLRA 9:8)
(Sergeev, Vladimir Nikolaevich, 1903-1956)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya.

On the second anniversary of the All-Union Conference of Builders.
Elek.sta. 27 no.12:1-4 D '56. (MLRA 10:1)
(Reinforced concrete construction) (Building)
(Electric power plants)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya.; ZATOLOKIN, Ye.Ya.; BOZHKO, Ye.A.

Spectrum method for the determination of the sodium and calcium content of BK babbitts. Fiz.sbor. no.4:434-435 '58. (MIRA 12:5)

(Babbitt metal--Spectra)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya., inzh.

Tasks for the builders of thermal electric power stations. [illegible] stroi. no.6:14-20 '58. (MIRA 1[illegible]:11)

1. Nachal'nik Glavenergostroy [illegible].
(Electric power plants--Design and construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

ZASYAD'KO, A.F.; KUCHERENKO, V.A.; PAVLENKO, A.S.; GRISHMANOV, I.A.; FROLOV, V.S.; SHASHKOV, Z.A.; YEFREMOV, M.T.; SMIRNOV, M.S.; CHIZHOV, D.G.; NOVIKOV, I.T.; NOSOV, R.P.; ASNOCHENSKIY, A.N.; NEKRASOV, A.M.; LAVRENENKO, K.D.; TARASOV, N.Ya.; GABDANK, K.A.; LEVIN, I.A.; GINZBURG, S.Z.; ALEKSANDROV, A.P.; KOMZIN, I.V.; OZEROV, I.N.; SOSNIN, L.A.; BELYAKOV, A.A.; NAYMUSHIN, I.I.; INYUSHIN, M.V.; ACHKASOV, D.I.; RUSSO, G.A.; DROBYSHEV, A.I.; PLATONOV, N.A.; ZHIMERIN, D.G.; PROMYSLOV, V.F.; ERISTOV, V.S.; SAPOZHNIKOV, F.V.; KASATKIN, M.V.; ALEKSANDROV, M.Ya.; KOTILEVSKIY, D.G.

Fedor Georgievich Loginov; obituary. Elek.sta. 29 no.8:1-2 Ag '58. (MIRA 11:11)

(Loginov, Fedor Georgievich, 1900-1958)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

NOVIKOV, I.T.; PAVLENKO, A.S.; SMIRNOV, M.S.; CHIZHOV, D.G.; LAVRENENKO, K.D.; NEKRASOV, A.M.; NOSOV, R.P.; TARASOV, N.Ya.; ZHIMERIN, D.G. UGORETS, I.I.; DMITRIYEV, I.I.; DROBYSHEV, A.I.; YERMAKOV, V.S.; SAPOZHNIKOV, F.V.; BOROVOY, A.A.; BANNIK, V.P.; DASKOVSKIY, Ya.M.; ROGOVIN, N.A.; PETROV, A.N.; MEL'NIKOV, B.V.; LATYSH, D.I.; KONIN, F.P.; DYDYKIN, P.Ye.; BONDAREV, I.I.; GUMENYUK, D.L.; POREGAYLO, K.M.

Ol'ga Sergeevna Kalashnikova; obituary. Elek.sta. 30 no.2:95 F '59. (MIRA 12:3)
(Kalashnikova, Ol'ga Sergeevna, 1914)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TURCHIN, Nikolay Yakovlevich; TARASOV, N.Ya., red.; DZHANIBEKOV, G.G., red.; LARIONOV, G.Ye., tekhn.red.

[Construction of hydraulic-engineering structures at thermal power plants] Sooruzhenie gidrotekhnicheskikh ob"ektov teplovykh elektrostantsii. Pod red. N.IA.Tarasova. Moskva, Gos.energ. izd-vo, 1960. 275 p. (MIRA 13:9)
(Steam power plants) (Hydraulic engineering)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, N.Ya., inzh.

Review of I.P.Kuptsov and IU.P.I[redacted] book "Design and construction of thermal electric power plants." Elek. sta. 36 no.2:89 F '65. (MIRA 18:4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O., inzh.

Rapid determination of the moisture content in oils. Avt. transp. 41 no.9:15-17 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

VOLAROVICH, M.P.; TARASOV, O.A.; BONDARENKO, A.T.

Investigating the dielectric permeability of rock samples at unilateral and isostatic (up to 5000 kg/cm^2) atmospheric pressures. Izv. AN. SSSR. Ser. geofiz. no.7:1004-1008 Jl '61. (MIRA 14:6)

1. Akademiya nauk SSSR, Institut fiziki Zemli.
(Rocks—Electric properties)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.A.

Rapid method for determining the moisture of petroleum products. Zav. lab. 29 no.6:733-734 '63. (MIRA 16:6)

1. Moskovskiy inzhenerno-stroitel'nyy institut imeni V.V. Kuybysheva.

(Petroleum products)
(Moisture—Measurement)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O. F.

Comparative evaluation of determination of leukocytes by conventional and Nikolaev's methods. Vopr. pediat. 19 no.6:36-39 1951. (CIML 21:4)

1. Fifth Course Student. 2. Department ofHospital Pediatrics (Head--Honored Worker in Science Prof. A.F. Tur, Corresponding Member of the Academy of Medical Sciences), Leningrad State Pediatric Medical Institute (Acting Director--Prof. Yu.A. Kotikov).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

Determination of the specific gravity of small quantities of urine. Pediatriia no.3:82-83 My-Je '54. (MLRA 8:1)

1. Iz kafedry gospital'noy pediatrii (zaveduyushchiy - deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR professor A.F.Tur) Leningradskogo meditsinskogo pediatricheskogo instituta (direktor - professor N.T.Shutova)
(URINE--ANALYSIS AND PATHOLOGY)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

Case of periarteritis nodosa in a children's hospital. Pediatriia no.2:80-84 F '57. (MIRA 10:10)

1. Iz kafedry gospital'noy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. A.F.Tur) Leningradskogo pediatricheskogo meditsinskogo institua (dir. - prof. N.T.Shutova)
(ARTERIES--DISEASES)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

On so-called renal rickets. Pediatriia 37 no.12:21-22 D '59. (MIRA 13:5)

1. Iz kafedry gospital'noy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta.
(RICKETS RENAL)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

New modification of a method for the quantitative determination of the urobiilinogen in the urine. Lab.delo 6 no.2:23-26 Mr-Ap '60. (MIRA 13:6)

1. Kafedra gospital'noy pediatrii (zav. - prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta.
(MESOBILIRUBINOGEN) (URINE--ANALYSIS AND PATHOLOGY)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOVA, N.N.; TARASOV, O.F.

Use of the new Russian antibiotic mycerin in the treatment of so-called coli enterites in infants. Pediatriia 38 no.1:24-27 '60. (MIRA 13:10)

(ANTIBIOTICSO (ESCHERICHIA COLI) (ENTERITIS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

Case of prednisone intoxication in a 10-year-old girl. Pediatriia 38 no.2:80-82 F '60. (MIRA 13:12)
(PREGNADIENEDIONE)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOVA, N.N.; TARASOV, O.F.

Use of a new Soviet antibiotic mycerin in the treatment of so-called "colienteritis" in small children. Pediatria 38 no.4:24-27 Apr '60. (MIRA 16:7)

1. Iz detskogo otdeleniya Leningradskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach A.P.Yegorova) i kafedry gospital'noy pediatrii (zav.-deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof. A.F.Tur) Leningradskogo pediatricheskogo meditsinskogo instituta.
(ANTIBIOTICS) (ESCHERICHIA COLI)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

TARASOV, O.F.

Training students in the sixth course of a pediatric institute at a pediatric polyclinic. Vop. okh. mat. i det. 6 no.9:92-94 S '61. (MIRA 14:9)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. A.F.Tur) Leningradskogo pediatricheskogo meditsinskogo instituta.
(PEDIATRICS--STUDY AND TEACHING)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

VAYSBERG, A.D.; TARASOV, O.F.

Case of Hamman-Rich syndrome in a 7-year-old child. Pediatriia 4 no.7:63-64 Jl'63 (MIRA 16:12)

1. Iz klinicheskoy bol'nitsy (glavnyy vrach M.Kh.Maksutova) i kafedry gospital'noy pediatrii (zav. - prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5

SOV/85-59-12-19/38

(

AUTHOR: Tarasov, P., Helicopter Flight Commander (Vladimir)

TITLE: At a Low Altitude

PERIODICAL: Kryl'ya rodiny, 1959, Nr 12, p 19 (USSR)

ABSTRACT: This article is intended as an aid to trainees and would-be-trainees in the Mi-1 helicopter. The author stresses the significance of good preflight ground training in operating the helicopter in various situations, and gives advice on how to operate it in the air, duplicating the instructions usually given the trainee by his immediate pilot-instructor. No technical data on the Mi-1 helicopter, and no data on its performance are given.

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754920017-5"