APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

135-58-8-7/20

AUTHORS: Zaytsev, K. I., Candidate of Technical Sciences, and Kravchenko, D. G., Byal'skiy, V. P., Engineers

TITLE: Experiences in the Construction of Welded Frames for Mechanical Presses (Opyt konstruirovaniya svarnykh stanin mekhanicheskikh pressov)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 8, pp 25 - 27 (USSR)

ABSTRACT: Information is given on the experience of the Barnaul Plant of Mechanical Presses in producing welded frames for small and medium size presses. The economic and technical advantages of welded press frames are pointed out. There are 6 diagrams, 1 photo, and 1 table

ASSOCIATION: Barnaul'skiy zavod mekhanicheskikh pressov (Barnaul Plant of Mechanical Presses)

1. Presses--Production 2. Welding--Applications

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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ZAYTSEV, K.I., kand.tekhn.nauk

Increasing the productivity of pipeline welding. Stroi. trubopro7. 3 no.10:14-15 O '58. (MIRA 11:11)

(Pipelines--Welding)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

135-6-5/13

TITLE: Method of Determining the Resistance to Cracking of Metals at the Fusion Zone (Metodika opredeleniya stoykosti okeloshovnoy zony protiv obrazovaniya treshchin).

performed with electrodes "УОНИ-13/55", the cracks appeared at rod speeds of over 50 mm/min and with the electrode coating "ЦТ-1" at speeds exceeding 130 mm/min.

The method is considered effective in finding indications of resistance to crack formation near the weld during cooling of welds, and it is suggested for checking the weldability of case hardening steels as well as for choosing the best suitable electrodes.

ASSOCIATION: МВТУ imeni Baumana (MVTU imeni Bauman) and Altay Institute of Agriculture-Machinebuilding

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

Zaytsev, K.I.

135-6-5/13

SUBJECT: USSR/Welding

AUTHOR: Zaytsev, K.I., Candidate of Technical Sciences.

TITLE: Method of Determining the Resistance to Cracking of Metals at the Fusion Zone (Metodika opredeleniya stoykosti okelo/shovnoy zony protiv obrazovaniya treshchin).

PERIODICAL: "Svarochnoye Preizvodstve", 1957, # 6, pp 10-12 (USSR)

ABSTRACT: A method is described which is used by the author's institute to test low-alloy steel with carbon content of 0.4 % which tends to produce case hardening in welding. The test specimens consisted of two steel slabs welded together under a 55° angle: one 60x80x10 mm slab of steel "20", the other was a 60x60x2 mm slab of steel "30ХГСА". Testing for crack formation was done on a special device (both specimen and device are shown in drawings) by forced deformation in the process of cooling below the decomposition temperature of austenite. The speed of rod end (of test device) displacement at which cracks appeared in the steel "30ХГСА" slab served as the criterion of resistance to cracking. In welds made with electrode coating " M-7C", cracks appeared at a rod speed of over 15 mm/min. When welding was

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ZAYTSEV, K. I. (Cand. Tech. Sci.) (Docent)

"From Experience With Welding of Expansion Bends," p. 149 in book Reports of the Interuniversity Conference on Welding, 1956. Moscow, Mashgiz, 1958, 266pp.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K. I.

Zaytsev, K. I. - "Arc welding of metals - the great Russian invention," Trudy Studench. nauch.-tekhn. o-va (Moscow technical college im. Bauman), 1, 1948, p. 7-14

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

MEDVEDEV, I.; MOSHKEVICH, I.; ZAYTSEV, Kh.

Improve the establishment of work norms in maintenance shops of metallurgical plants. Sots.trud 4 no.7:82-96 Jl '60. (MIRA 13:8)

(Machine-shop practice-Production standards)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

KAGAN, I.S., dots.; ZAYTSEV, Kh.P., dots.; SNAGOVSKAYA, N.S., kand. tekhn.nauk; VOLKOVA, Ye.N., inzh.; VOLOKH, I.A., inzh.

Economic evaluation of the use of pellets in blast furnace smelting. Izv.vys.ucheb.zav.; chern.met. 2 no.6:145-154 Je '59. (MIRA 13:1)

1. Dnepropetrovskiy metallurgicheskiy institut, Rekomendovano kafedroy ekonomiki promyshlennogo Dnepropetrovskogo metallurgicheskogo instituta.
(Blast furnaces) (Sintering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

S/707/60/003/000/006/013
B125/B102

Analysis of high-energy nuclear...

J. Losty, D. H. Perkins, K. Pinkau and J. Reynalds, Philosophical Magazine, 3, 237, 1958.

Card 4/4

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

tion by a method developed by the authors. At constant transverse momentum $P_\perp$ they were found to be: at $P = 1\ \mu c$; $2\ \mu c$ and $3\ \mu c$, $\gamma_c = 234$, 296 and 316, respectively, and $K = 0.019$; 0.034 and 0.043, respectively, and for 38 particles at $P_\perp = 1\ \mu c$; $2\ \mu c$ and $3\ \mu c$ $\gamma_c = 186$; 239 and 254, respectively, and $K = 0.054$; 0.085 and 0.119, respectively. The values $\gamma_c \sim 10^{14}$ ev and $K = 0.10$-0.02 found by the method of H. Huzita (Nuovo Cimento, 4, 841, 1957) agree with results obtained by B. Edvards et al., (Phil. Mag. 3, 237, 1958). The angular distribution found in the first plate by the method of coordinates shows a better coincidence with the anisotropic Heisenberg distribution than with the monoenergetic isotropic distribution. The angular distribution of particles produced at secondary interaction is isotropic at average energies of ~5 Bev, already less isotropic at ~40 Bev and agrees better at some hundred Bev with anisotropic distribution. There are 6 figures, 1 table, and 6 references: 2 Soviet and 4 non-Soviet. The two references to English-language publications read as follows: Gastagnoli, G. Cortini, Franzinetti, A. Manfredini and D. Moreno, Nuovo Cimento, 10, 1539, 1953; B. Edvards.

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$$-\ln \gamma_c = (1/n_s) \sum_{i=1}^{n_s} \ln \tan \theta_i \qquad (1),$$

the energy γ_c of the incident nucleon in the center of mass system was determined (in terms of the rest mass) from the angular distribution of shower particles produced at secondary interaction. θ_i is the angle enclosed by the trajectory of the i-th particle and the shower axis in the laboratory system. The primary particle energy determined by different methods and under different conditions is: 1) $\gamma_c = 324$ and $E = 1.97 \cdot 10^5$ and $\gamma_c = 202$ and $E = 0.76 \cdot 10^5$ Bev, respectively, when calculated according to (1) and if 26 and 38 particles are emitted in the first collision. According to (1) $\gamma_c = 440$; $E = 3.7 \cdot 10^5$ Bev and $\gamma_c = 296$; $E = 1.7 \cdot 10^5$ Bev, respectively when using 61 and 73 tracks passing through the first plate. The values of γ_c and of the inelasticity coefficients K were calculated for 26 particles from the angular distribu-

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

S/707/60/003/000/006/013
B125/B102

AUTHORS: Takibayev, Zh. S., Vinitskiy, A. Kh., Zavtsev, K. G.

TITLE: Analysis of high-energy nuclear interaction

SOURCE: Akademiya nauk Kazakhskoy SSR. Institut yadernoy fiziki. Trudy. v. 3, 1960. Vzaimodeystviye vysokoenergichnykh chastits s atomnymi yadrami, 100-105

TEXT: The present paper describes a cosmic-ray shower at an altitude of 30 to 33 km found during a 90 hours' exposure in a stack of 40 films of type P (R) and consisting of 61 minimally ionized tracks. It passed through 36 emulsion films and an aluminum sheet 0.5 mm thick. The charged shower particles produced at primary interaction form nine secondary interactions. The distance R between the stack and the point of intersection of all tracks with the original track was determined from the deviation of all secondary tracks relative to the primary track, measured in the first plate. Most tracks correspond to a distance of 20 to 30 mm. $R = 25 \pm 5$ mm, if all originate from charged particles produced in the primary collision. Using the formula

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ACCESSION NR: AP4018368

scope field-of-view illumination, experimenters' characteristics, and the track immersion angle upon the accuracy of measurements were studied. It was proven that a desirable accuracy (2% or better) in determining ionization losses with immersion angles up to 10° is attainable. The technique of "joining" tracks in adjacent emulsion layers is discussed. "The authors wish to thank Zh. S. Takibayev and I. Ya. Chasnikov for a useful discussion of this project, and the workers of the High-Energy-Particle Laboratory, A. A. Alpy*sbayeva, Ts. Ya. Kagasova, D. I. Yermilova, F. N. Trushlyakov, T. T. Temiraliyev and G. A. Grigor'yeva, for their help in carrying out this project." Orig. art. has: 3 figures and 3 tables.

ASSOCIATION: Institut yadernoy fiziki AN KazSSR (Institute of Nuclear Physics, AN KazSSR)

SUBMITTED: 11Jan63 DATE ACQ: 18Mar64 ENCL: 00

SUB CODE: NS NO REF SOV: 000 OTHER: 007

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ACCESSION NR: AP4018368 S/0120/64/000/001/0076/0081

AUTHOR: Boos, E. G.; Pavlova, N. P.; Volkova, O. I.; Gunenkova, O. V.; Zaytsev, K. G.; Kholmetskaya, A. V.

TITLE: Methods of measuring ionization losses of relativistic particles in a nuclear emulsion

SOURCE: Pribory* i tekhnika eksperimenta, no. 1, 1964, 76-81

TOPIC TAGS: ionization loss, relativistic particle, relativistic particle ionization loss, nuclear emulsion, Ilford G-5 emulsion, emulsion development, emulsion development irregularity

ABSTRACT: Irregularities of development of Ilford G-5 nuclear emulsion were studied; methods of eliminating them are suggested. A stack of 40 G-5 films, 600-micron thick, 12×20 cm was irradiated (in CERN) by a 91.8-Gev/s-mean-impulse proton beam. To find the irregularity of development of the emulsion films, the density of blobs on the relativistic-particle tracks was investigated both in the plane parallel to the emulsion and in depth. The effects of the micro-

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.F.; STULOV, L.M.

Attachment for two simultaneous operations on lathes. Mashinostroitel' no.11:17 N '64 (MIRA 18:2)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

BOOS, E.G.; PAVLOVA, N.P.; VOLKOVA, O.I.; GUNENKOVA, O.V.; ZAYTSEV, K.G.; KHOLMETSKAYA, A.V.

Methodology of measuring ionization losses by relativistic particles in a nuclear emulsion. Prib. i tekh. eksp. 9 no.1: 76-81 Ja-F '64. (MIRA 17:4)

1. Institut yadernoy fiziki AN KazSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.F., slesar'

Portable air blower for spinning machines. Tekst.prom. 22 no.2:37-38 F '62. (MIRA 15:3)

1. Krasnovolzhskiy khlopchatobumazhnyy kombinat.
(Spinning machinery--Cleaning)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.F., tokar'

Attachment for the reconditioning of shafts without dismantling the machine. Tekst. prom. 19 no.11:77-79 N '59.
(MIRA 13:2)

1.Krasnovolzhskiy kombinat Ivanovskogo sovnarkhoza.
(Textile machinery--Maintenance and repair)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

STAROSTIN, Ivan Il'ich; YANIKOV, Georgiy Vladimirovich; TEREKHINA, G.I., red.; ZAYTSEV, K.F., red.kart; KOZLOVSKAYA, M.D., tekhn.red.

[Fundamentals of topography and cartography] Osnovy topografii i kartografii. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 367 p. ___ Album. 30 p. of maps. (MIRA 12:12)
(Topographical surveying) (Cartography)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.F., slesar'-eksperimentator

Device for lint removal from the spindle seating and bar of spinning and twisting machines. Tekst.prom. 23 no.1:81 Ja '63. (MIRA 16:2)

1. Krasnovolzhskiy kombinat Ivanovskogo soveta narodnogo khozyaystva.

(Spinning machinery—Cleaning)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.A., inzh.

Device for studying partial discharges in dielectrics. Vest. elektro-prom. 31 no.10:58-61 O '60. (MIRA 15:1)
(Dielectrics) (Electronic measurements)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

DUBININ, A.M., kand.tekhn.nauk; YEREMIN, V.I., kand.tekhn.nauk; ZAYTSEV, K.A., inzh.; TATARNIKOVA, N.A., kand.tekhn.nauk; TOPCHIYEV, G.M., kand. tekhn.nauk

New components for high-voltage measuring devices. Vest.elektroprom. 33 no.2:44-49 F '62. (MIRA 15:2)
(Electric measurements) (Cathode ray tubes)
(Electric meters)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

An instrument for studying partial ... S/196/61/000/008/003/026
E194/E155

Elliptical and spiral scans are used to study the process of initiation of I, with simultaneous observation of the 50 c/s sine-voltage waveshape. A recurrent exponential impulse voltage generator is used to calibrate the amplitude of I. Time calibration is obtained from a unit graduated at intervals of 2-40 microseconds between scale markings. An investigation of the ionisation processes in five layers of oil-impregnated capacitor paper carried out with this instrument indicates that as the duration of voltage application is increased from 5 to 30 minutes at 2.5 kV the initial ionisation voltage falls, and as the pressure is increased to 5 atmospheres the initial ionisation voltage increases.
There are 4 literature references.

[Abstractor's note. Complete translation.]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

S/196/61/000/008/003/026
E194/E155

AUTHOR: Zaytsev, K.A.

TITLE: An instrument for studying partial discharges in dielectrics

PERIODICAL: Referativnyy zhurnal. Elektrotekhnika i energetika, no.8, 1961, 15, abstract 8B73 ("Vestn. elektroprom-sti", 1960, no.10, 58-61)

TEXT: The instrument will measure the voltage of recurrent ionisation impulses (I), determine their waveshape and measure the repetition frequency. In view of the wide range of frequencies of I, the circuit employs a wide-band amplifier; in order to indicate low values of I which occur in the initial stage of development of ionisation the amplification factor is 10^6 with a band-pass of 5 - 200 kc/s. The maximum value of the voltage of I is measured by a d.c. voltmeter after detection; the mean value is read on another instrument. The amplifier employed for observing the waveshape of I has a band-pass of 2 Mc/s with an amplification factor of 1000 and is connected to a cathode-ray tube of the ВЭИ (VEI) type with a sensitivity of 0.15 mm/V.

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

On Analysing the Voltage Drop in a Cascade Scheme. PA 3113

ASSOCIATION: The Lenin Allunion Electrotechnical Institute. (Vsesoyuznyy elektrotekhnicheskiy institut im. V.I. Lenina).

PRESENTED BY:

SUBMITTED: 15.1o.1956

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.A

PA - 3113

AUTHOR: Engineer ZAYTSEV, K.A.

TITLE: On Analysing the Voltage Drop in a Cascade Scheme.
(K analizu padeniya napryazheniya v kaskadnoy skheme. Russian).

PERIODICAL: Elektrichestvo, 1957, Nr 5, pp 74 - 76 (U.S.S.R.)
Received: 6 / 1957 Reviewed: 7 / 1957

ABSTRACT: For the purpose of research of more complicated variants several general formulas were deduced with whose help one can determine the voltage drop for various schemes of element combinations of a cascade generator with capacities unequal with respect to one another in the stages of the generator. The deduction of these formulas is based on principles already worked out for the analysis of cascade-schemata (H. Mehlhorn, Scientific Publication from the Siemens Works, Vol XXI, 2, 1943). One can get the formula for the amplitude of the voltage drop in the cascade generator. By analogy it is possible to determine the voltage pulsation , that is the difference between the highest and lowest voltage values of the cascade generator at the termination of its work under a load. As illustrations two examples were calculated. (With 1 illustration and 1 Slavic reference).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

88222

S/110/60/000/010/011/014
E073/E455

Instrument for Studying Partial Discharges in Dielectrics

thus distinguishing between stable and unstable ionization. The apparatus is suitable for verifying absence of ionization; the instrument will automatically operate as soon as there is ionization, signalling its existence or photographing it. Paper-oil insulation (five layers of 0.01 mm condenser paper in oil) under a.c. stress was investigated by means of this instrument. Observations were also made of the effect of pressure on specimens impregnated with oil, with and without vacuum, and containing, in the latter case, bubbles of gas. There are 7 figures and 4 non-Soviet references.

SUBMITTED: April 27, 1960

Card 5/5

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

88222

S/110/60/000/010/011/014
E073/E455

Instrument for Studying Partial Discharges in Dielectrics

repetition and phase of formation of pulses of durations of 5 to 6 and 50 cps. For photographing the shape of the ionization pulses, a discontinuous linear scanning provides for recording phenomena with duration of 100 to 2000 μsec. Calibration is by means of a generator of exponential pulses which are fed to the input of the instrument. For time calibrations, a unit is used which provides markings at 2, 5, 10, 20 and 40 μsec intervals. The apparatus can be started either by means of a push-button or automatically by the phenomena themselves by means of a recording block. The latter also prevents false starting of the equipment by single pulses or by an unstable series of pulses. It consists of an input amplifying state (discriminating by amplitude), a square-topped-pulse generator, a collecting stage (discriminating by time and frequency of repetition of the pulses), with an intermediate stage, a loop for forming the output pulse with an element to ensure non-repetitive operation both of the optical signalling and of the phase-shifting circuit. The discriminative features prevent starting of the circuit by individual and multiple pulses of noise,

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

88222

S/110/60/000/010/011/014
E073/E455

Instrument for Studying Partial Discharges in Dielectrics

minimum and the main elements of the instrument are carefully screened. Furthermore, a block is provided which prevents starting by single random noise pulses and enables tuning away from stable periodic noise. The quantitative characteristics of the ionization can be observed on a cathode voltmeter whereby either the amplitude or average voltage of repeated ionization pulses are read on a 0 to 50 microammeter. The maximum pulse voltages are measured by a d.c. voltmeter after rectification. The average values of the ionization pulses obtained from the amplifier are measured with a microammeter after rectification with diodes. The number of ionization pulses per unit of time (up to 10000 pulses/sec) can be measured by a loop consisting of an amplifier, a standard and a counting circuit. Observation and photographing of the pulses is effected by a 10 kV CRT with a sensitivity of 0.15 mm/V operating with two electronic systems. The elliptical scanning is continuous with one ellipse representing one period of 50 cps. The scanning ellipse can be changed into a spiral, which is used solely for photographing the development,

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

88222

S/110/60/000/010/011/014
E073/E455

Instrument for Studying Partial Discharges in Dielectrics

pulse voltages, a loop for pulse counting, a calibrating circuit, a time scale and the cathode tube section. The possibility of applying the instrument to various test circuits is provided by fitting at the inputs L-C oscillating circuits, inductances, resistances and a transformer (in bridge circuits). The resonant frequencies of the circuits are 10, 20, 47, 92, 145 and 210 kc/s. Since the spectrum of the ionization pulses is very wide and the charges and voltages may be very low, design of the amplifier involved the following two problems: obtaining a highly sensitive indication of the weak initial process without the possibility of detecting the shape of the individual pulses; and recording the shape (or the maximum approximation of the shape) of the individual pulses under conditions of reduced sensitivity. The amplifier consists of the amplifier proper and a pre-amplifier. The gain is about 10^6 and the bandwidth is from 5 to 250 kc/s when using transformer input. An amplifier with a bandwidth exceeding 2 Mc/s and a gain reduced to about 10^3 is used for approximate observation of the pulse shapes. Internal noise is reduced to a

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

88222

S/110/60/000/010/011/014
E073/E455

9,2110 (1001, 1145, 1153)

AUTHOR: Zaytsev, K. A., Engineer

TITLE: Instrument for Studying Partial Discharges in Dielectrics

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.10, pp.58-61

TEXT: The author states that the following requirements have to be fulfilled by instruments of this type: they should accommodate a wide range of capacitances in the objects under investigation (from picofarads to microfarads); a high sensitivity of the order of 10^{-14} Coulomb/mm is necessary for studying discharges at the initial stage of the process, where a gain exceeding 10^5 is required; metering features are needed for determining quantitative characteristics of the process; there should be means of observing the process and of automatically photographing the pulses; the instrument should have minimum internal noise and high noise-immunity. The circuit of the instrument described consists of the input loops, an amplifier, a delay line, a recording section, linear and elliptical scanning devices, a meter for measuring the

Card 1/5

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, K.

Toward a new expansion of physical culture and sports. Sov. profsoiuzy 3 no.11:40-43 N '55. (MIRA 9:1)

1.Zamestitel'zaveduyushchego otdelom fizkul'tury i sporta Vsesoyuznogo TSentral'nogo Soveta professional'nykh soyuzov.
(Physical education and training)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

85-58-1-6/28

AUTHOR: ~~Zaytsev, K.~~, Senior Inspector Pilot, DOSAAF Oblast Committee, Sumy

TITLE: Reported to the DOSAAF Convention (Raportuyut s'yezdu DOSAAF)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 1, p 7 (USSR)

ABSTRACT: The author mentions the records made by Sergey Malik, Moscow Sportsman 1st rank, in model airplane building. He credits the DOSAAF Oblast Committee of Sumskaya oblast' with the organization of many aviation sports units and teams in urban and rural areas of Sumskaya oblast'.

ASSOCIATION: DOSAAF Oblast Committee, Sumy

AVAILABLE: Library of Congress

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ZAYTSEV, K.

KLEMENT'YEV, A. (Tbilisi); ZAYTSEV, K. (Sumy).

Aviation enthusiasts report to the congress of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Kryl. rod. 9 no.1:6-7 Ja '58. (MIRA 11:1)

1. Starshiy inspektor-letchik oblastnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Aeronautics—Study and teaching)

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1. ZAYTSEV, K.

2. USSR (600)

4. Physical Education and Training

7. For mass participation and a high degree of skill. V.pom. profaktivu 14, No. 9, 1953.

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

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

KONONENKO, V., kand.tekhn.nauk, izobretatel' (Khar'kov); KOTEL'NIKOV, V., inzh. (Khar'kov); ZAYTSEV, K., inzh. (Khar'kov); KUSHNARENKO, S., inzh. (Khar'kov)

Controlled explosion. Izobr.i rats. no.12:4-6 D '62. (MIRA 15:12)
(Explosions)

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KOSENKO, B.; ZAYTSEV, K.; RODIONOV, D.; GEL'FAND, Ya.

Automatic control of wet grinding of raw materials.
TSement 26 no.1:5-10 Ja-F '60. (MIRA 13:5)
(Automatic control) (Milling machinery)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.Ye.

Grinding machine with a safety screen and dust collector.
Mashinostroitel' no.12:19 D '65. (MIRA 18:12)

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ZAYTSEV, I.Ye.

Laboratory furnace for annealing permalloy cores. Priborostroenie no.5:29 My '64. (MIRA 17:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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Country : USSR
Catogory= : Diseases of Farm Animals.
Diseases Caused by Bacteria and Fungi. R
Abs. Jour. : Ref Zhur-Biol., No 21, 1958, 97000

Author : Feoktistov, P. I.; Zaytsev, I. Ya.
Institut. : All-Union Scientific Research Institute for*
Title : The Development of Measures for the Control of Fowl Tuberculosis.

Orig. Pub. : Tr. Vses. n.-i. in-t ptitsevodstva, 1958, 25, 222-247

Abstract : No abstract.

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*the Raising of Poultry.

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ZAYTSEV, I.V., inzhener; MOGIL'NITSKIY, V.M., inzhener.

Eliminating defects in the circuits of discriminating, high-frequency and distance protective systems. Elek.sta.27 no.12:50-51 D '56. (MLRA 10:1)

(Electric relays) (Electric power distribution)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

PODOPRIGORA, V.Ya., inzh.; ZAYTSEV, I.S.

Using the K-51 manual petroleum cutting torch on the ASSH-2 machine. Svar. proizv. no.2:41-42 F '63. (MIRA 16:2)

1. Kamenskiy mashinostroitel'nyy zavod.
(Gas welding and cutting--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.Ye.

Ventilation screen for electric compartment kiln. Priborostroenie no.6:26 Je '64. (MIRA 18:3)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I. S.; LYUDMIRSKIY, I. M.

Dividing chuck used in milling. Mashinostroenie no.5:109 S-O '62. (MIRA 16:1)

(Chucks)

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ZAYTSEV, I. S.; LYUBMIRSKIY, I. M.

Center-extension piece for screw-cutting machines. Mashinostroenie no.5:109-110 S-O '62. (MIRA 16:1)

(Screw-cutting machines—Attachments)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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ZAYTSEV, I.M., inzh.; VOLKOV, A.T., inzh.; KOZMODEM'YANOV, Ye.A., kand.tkehn. nauk

Machinery for growing soybeans. Mekh. i elek. sots. sel'khoz. 19 no.2:8-9 '61. (MIRA 14:3)

1. Amurskiy oblispolkom (for Zaytsev). 2. Blagoveshchenskiy sel'skokhozyaystvennyy institut (for Volkov and Kozmodem'yanov).
(Soybean) (Agriculutral machinery)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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GORINOV, Aleksandr Vasil'yevich, prof. Prinimali uchastiye: TURBIN, I.V., dotsent, kand.tekhn.nauk; KANTOR, I.I., dotsent, kand. tekhn.nauk; KONDRATCHENKO, A.P., dotsent, kand.tekhn.nauk; YEVREYSKOV, V.Ye., prof., retsenzent; LEBEDEV, A.I., dotsent, retsenzent; VOZNESENSKIY, G.D., dotsent, retsenzent; ISAKOV, L.M., dotsent, retsenzent; DZHGAMADZE, O.V., dotsent, retsenzent; CHERNYSHEV, G.P., inzh., retsenzent; MYSHKIN, G.N., inzh., retsenzent; ZAYTSEV, I.M., inzh., retsenzent; OZERETSKOVSKIY, V.P., inzh., retsenzent; ZARETSKIY, A.O., inzh., retsenzent; BUGROV, B.A., inzh., retsenzent; KOSTIN, I.I., prof., red.; BOBROVA, Ye.N., tekhn.red.

[Railroad surveying and designing] Izyskaniia i proektirovanie zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia. Vol.1. Izd.4., perer. 1961. 336 p. (MIRA 14:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov). 2. Kafedra "Proyektirovaniye i postroyka zheleznykh dorog" Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta (for Yevreyskov, Lebedev, Voznesenskiy, Isakov, Dzhgamadze). 3. Gosudarstvennyy proyektno-izyskatel'skiy institut "Gipropromtransstroy" (for Chernyshev, Myshkin, Zaytsev, Ozeretskovskiy, Zaretskiy, Bugrov).
(Railroad engineering)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, L.L.; BARANENKOV, G.S., redaktor; KAVERIN, N.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 356 p. [Microfilm] (MLRA 8:3)
(Geometry, Analytic) (Calculus, Differential)
(Calculus, Integral)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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ZAYTSEV, Ivan L'vovich; LOTYSHEV, I.P., red.; KHLOBORDOV, V.I., tekhn. red.

Khosta. Izd.2., ispr. i dop. Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1960. 85 p. (MIRA 14:10)
(KHOSTA—HEALTH RESORTS, WATERING PLACES, ETC.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., redaktor; KAVERIN, N.A., redaktor; GURYACHAYA, M.M., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[A course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Izd. 2-oe, ispr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 340 p.
(Mathematics) (MLRA 9:8)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; UGAROVA, N.A., red.; AKHLAMOV, S.N., tekhn. red.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S. Baranenkova. Izd. 3., perer. Moskva, Gos. izd-vo fiziko-matematicheskoi lit-ry, 1958. 372 p. (MIRA 11:10)

(Mathematics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; BAYEVA, A.P., red.

[Elements of higher mathematics for technical schools] Elementy vysshei matematiki dlia tekhnikumov. Izd.7., perer. Moskva, Nauka, 1964. 422 p. (MIRA 17:10)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.L.; OSIPOVA, Ye.V.

Briquetting of coal fines at the UBM-M plant. Gidroliz. i lesokhim. prom. 17 no.4:20-22 '64 (MIRA 17:7)

1. Syavskiy lesokhimicheskiy kombinat.

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ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; KOPYLOVA, A.N., red.; AKSEL'ROD, I.Sh., tekhn. red.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Izd.5. Moskva, Fizmatgiz, 1962. 416 p. (MIRA 16:8)
(Mathematics)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.L.

Improving the operation of the plant. Gidroliz.i lesokhim.prom. 15 no.3:26 '62. (MIRA 15:5)

1. Syavskiy lesokhimicheskiy kombinat.
(Syava--Wood--Chemistry)

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BASKOV, Ye.A.; [illegible], [illegible].

Basic characteristics of the hydrogeology of [illegible].
Trudy VSEGEI 101:89-151 '63. [illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.K.

Some relationships between the distribution and formation of underground brines in the U.S.S.R. Biul.VSEGEI no.1:123-136 '58.
(MIRA 14:5)

(Saline waters)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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VERESHCHAGIN, V.N.; IVANOV, Yu.A.; BELYAYEVSKIY, N.A., glav. red.; ALEYNER, A.Z., red.; GRIGOR'YEV, A.V., red.; ZAYTSEV, I.K., red.; KLIMOV, P.I., red.; KRASNOV, I.I., red.; LANKIN, A.A., red.; MUZYLEV, S.A., red.; OGNEV, V.N., red.; TROSTNIKOVA, N.Ya., red. izd-va; IYERUSALIMSKAYA, Ye.S., tekhn. red.

[Instruction for compiling and preparing for publication a geological map at a scale of 1:50,000; supplement to the instruction for organizing and conducting geological surveys at a scale of 1:50,000 and 1:25,000] Instruktsiia po sostavleniiu i podgotovke k izdaniiu geologicheskoi karty masshtaba 1:50 000; dopolnenie k instruktsii po organizatsii i proizvodstvu geologos"emochnykh rabot masshtaba 1:50 000 i 1:25 000. Moskva, Gosgeoltekhizdat, 1962. 41 p. (MIRA 15:6)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. (Geology--Maps)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

RAZUMOVSKAYA, Ye.E.; ZAYTSEV, I.K.; BASKOV, Ye.A.; DRAGUNOV, V.I.; PISARCHIK, Ya.K.

Prospects for finding oil and gas in the Siberian Platform. Mat.-VSEGEI Ob.ser. no.23:3-43 '59. (MIRA 14:11)
(Siberian Platform--Petroleum geology)
(Siberian Platform--Gas, Natural--Geology)

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ZAYTSEV, I.K.; MARINOV, N.A., red.; TOLSTIKHIN, N.I., red.; ENTIN, M.L., red. izd-va; IVANOVA, A.G., tekhn. red.

[Hydrogeological map of the U.S.S.R. with a 1:2,500,000 scale; explanatory text]Gidrogeologicheskaia karta SSSR masshtaba 1:2500 000; ob"iasnitel'naia zapiska. Red. N.A. Marinov i N.I.Tolstikhin. Moskva, osgeoltekhizdat, 1961. 255 p. (MIRA 15:8)
(Water, Underground--Maps)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

BELYAKOVA, Ye.Ye.; REZNIKOV, A.A.; KRAMARENKO, L.Ye.; NECHAYEVA, A.A.; KRONIDOVA, T.F.; ZAYTSEV, I.K., red.; ENTIN, M.L., red. izd-va; BYKOVA, V.V., tekhn. red.

[Geochemical method of searching for ore deposits in arid and semiarid regions]Gidrokhimicheskii metod poiskov rudnykh mestorozhdenii v aridnykh i poluaridnykh oblastiakh. [By] E.E.Beliakova i dr. Moskva, Gosgeoltekhizdat, 1962. 266 p. (MIRA 15:9)

(Geochemical prospecting)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.K.

General hydrogeological maps from the time of S.N. Nikitin and N.F. Pogrebov to the present day. Inform.sbor. VSEGEI no.48:51-65 '61. (MIRA 15:7)

(Water, Underground--Maps)

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MAROCHKIN, N.I., glavnyy red.; MARKOVSKIY, A.P., zamestitel' glavnogo red.; TATARINOV, P.M., zamestitel' glavnogo red.; BELYAKOVA, Ye.Ye., nauchnyy red.; GANESHIN, G.S., red.; ZAYTSEV, I.K., red.; KULIKOV, M.V., red.; KUREK, N.N., red.; KNIPOVICH, Yu.N., red.; LUR'YE, M.L., red.; SIMONENKO, T.N., red.; SPIZHARSKIY, T.N., red.; STERLIN, D.Ya., red.

[Results of the research carried out by the All-Union Geological Institute in 1959] Ezhegodnik po rezul'tatam rabot VSEGEI za 1959 g. Leningrad, Otdel nauchno-tekhn.informatsii VSEGEI, 1961. 195 p. (Informatsionnyi sbornik, no.44). (MIRA 15:4)

(Geology)

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TKACHUK, V.G., otv. red.; TOLSTIKHIN, N.I., red.; POPOV, I.V., red.; ZAYTSEV, I.K., red.; YEFIMOV, A.I., red.; PAL'SHIN, G.B., red.; GRECHISHCHEV, Ye.K., red.; ASTRAKHANTSEV, V.I., red.; PERLOVICH, B.F., red.; PECHERSKAYA, T.I., tekhn. red.

[Transactions of the Second Conference on Underground Waters and the Engineering Geology of Eastern Siberia held in Chita, 1958] Trudy Soveshchaniia po podzemnym vodam i inzhenernoi geologii Vostochnoi Sibiri. Irkutsk, Irkutskoe knizhnoe izd-vo. No.4. 1961. 161 p. (MIRA 16:4)

1. Soveshchaniye po podzemnym vodam i inzhenernoy geologii Vostochnoy Sibiri. 2d, Chita, 1958.
(Siberia, Eastern--Water, Underground)
(Siberia, Eastern--Engineering geology)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

MAROCHKIN, N.I., glav. red.; MARKOVSKIY, A.P., zam. glav. red.;
UL'YANOV, N.K., zam. glav. red.; GANESHIN, G.S., red.;
ZAYTSEV, I.K., red.; KNIPOVICH, Yu.N., red.; KULIKOV, M.V., red.;
LABAZIN, G.S., red.; LUR'YE, M.L., red.; SIMONENKO, T.N., red.;
SPIZHARSKIY, T.N., red.; STERLIN, D.Ya., red.; TATARINOV, P.M., red.;
BELYAKOVA, Ye.Ye., nauchnyy red.; MAKRUSHIN, V.A., tekhn. red.

[Yearbook of the results of studies by the All-Union Geological Institut] Ezhegodnik po rezul'tatam rabot VSEGEI. Leningrad, Otdel nauchn.-tekhn. informatsii, 1961. 203 p. (Leningrad. Vsesoiyznyi geologicheskii institut. Informatsionnyi sbornik, no.49.) (MIRA 15:6)

(Geology)

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ZAYTSEV, I.K.

In the Central Laboratory of Plant Quarantine. Zashch. rast. ot vred. i bol. 4 no.2:58 Mr-Ap '58. (MIRA 16:5)

(Plant quarantine)

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ZAYTSEV, I.K.

Hydrogeological map of the U.S.S.R. made on a 1:5,000,000 scale. Mat. Kom. po izuch. podzem. vod. Sib. i Dal' Vost. no.2:19-33 '62. (MIRA 17:8)

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L 4872-66

ACC NR: AP5026565

gas from the primary cylinder into the reservoir when the shock absorber is extended, the unit is equipped with a valve set for minimum permissible pressure in the primary-cylinder high-pressure cavity. This valve is located in the primary-cylinder cavity and connects it to the working cavity of the plunger pump. Orig. art. has: 1 figure. [LB]

SUB CODE: IE / SUBM DATE: 14Jul62/ ATD PRESS: 4136

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L 4872-66

ACC NR: AP5026565

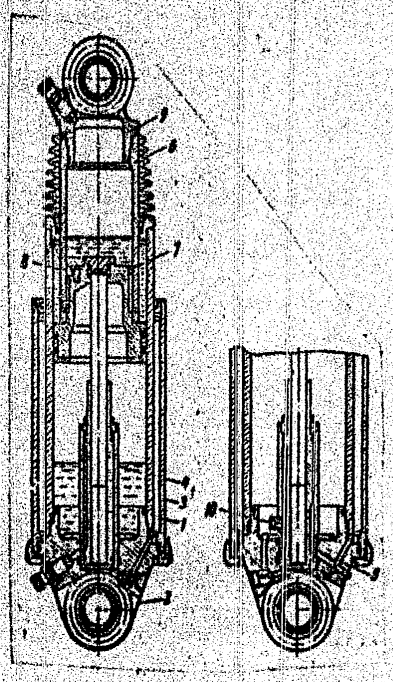

Fig. 1. Pneumohydraulic shock absorber

1 - Primary cylinder; 2 - lower cover; 3 - casing of reservoir for collecting working liquid; 4 - plunger pump; 5 - flow channel; 6 - back-pressure cylinder; 7 - calibrated hole; 8 - check valve; 9 - upper cover; 10 - safety valve.

Card 2/3

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L 4872-66

ACC NR: AP5026565 SOURCE CODE: UR/0286/65/000/019/0128/0128

INVENTOR: Voynich, L. K.; Zaytsev, I. K.; Sidorov, N. A.; Khazey, A. F.

ORG: none

TITLE: Pneumohydraulic shock absorber. Class 63, No. 175401

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 128

TOPIC TAGS: shock absorber, pneumohydraulic shock absorber

ABSTRACT: An Author Certificate has been issued for a pneumohydraulic shock absorber (see Fig. 1) for load-carrying vehicles. The unit contains the following: a primary cylinder filled with a liquid and compressed gas (basic elastic components); a cover mounted on the lower end of the primary cylinder, which serves as the lower shock-absorber support; a casing surrounding the primary cylinder and forming a circular reservoir for collecting the working liquid; a plunger pump driven by shock-absorber oscillations and located inside the primary cylinder; a flow channel connecting a high-pressure cavity with the plunger pump and the reservoir; a back-pressure cylinder concentrically located in the primary cylinder, filled with compressed gas and working liquid, and connected to a circular cavity between the primary and back-pressure cylinders through calibrated holes and a check valve (used for vibration damping); and a cover mounted on the upper end of the back-pressure cylinder and serving as the upper shock-absorber support. To prevent leakage of the working liquid and compressed

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ZAYTSEV, I.K.; TOLSTIKHIN, N.I.

Fundamentals of the structural and hydrogeological regionalization of the U.S.S.R. Trudy VSEGEI 101:5-35 '63. (MIRA 17:9)

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ZAYTSEV, I.K.

Basic types of hydrogeological regions in the U.S.S.R. Sov.geol. 2 no.11:3-15 N '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Water, Underground)

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ZAYTSEV, I.K.

MAKSIMOV, Vasiliy Mikhaylovich, dotsent, kand.geologo-miner.nauk; ASATUR, K.G., dotsent, kand.tekhn.nauk; DAVIDOVICH, V.I., dotsent, kand. tekhn.nauk; ALBUL, S.P., kand.geologo-miner.nauk; PAUKER, N.G., inzh.-gidrogeolog; OSTROUMOV, B.P., gidrotekhnik; ZAYTSEV, I.K., doktor geologo-miner.nauk; TOLSTIKHIN, N.I., prof., doktor geologo-mineral.nauk; REZNIKOV, A.A., kand.khim.nauk, starshiy nauchnyy sotrudnik; MERSHALOV, A.F., assistent; VOROTYNTSEV, V.T., dotsent, kand.tekhn.nauk; MARKOV, I.A., dotsent, kand.geologo-miner.nauk; KERKIS, Ye.Ye., dotsent, kand.geologo-miner.nauk; KHITROV, I.N., inzh.-geolog; BOROVITSKIY, V.P., kand.geologo-miner.nauk; RAVDONIKAS, O.V., kand.geologo-miner.nauk; ONIN, N.M., kand.geologo-miner.nauk; BASKOV, Ye.A., inzh.-gidrogeolog; NOVOZHILOV, V.N., dotsent, kand. geologo-miner.nauk; PEKEL'NYY, I.S., inzh.-gidrogeolog; NEVEL'SHTEYN, Yu.G., inzh.-gidrogeolog; BOSKIS, S.G., inzh.-gidrotekhnik; NIKIFOROV, Ye.M., inzh.-gidrogeolog; GATAL'SKIY, M.A., prof., doktor geologo-miner.nauk, nauchnyy red.; DOLMATOV, P.S., vedushchiy red.; GENNAD'YEVA, I.M., tekhn.red.

[Hydrologist's handbook] Spravochnoe rukovodstvo gidrogeologa. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr.otd-nie, 1959. 836 p. (MIRA 12:4)

1. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut (for Reznikov).

(Hydrology)

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GUREVICH, M.S.; ZAYTSEV, I.K.; TOLSTIKHIN, N.I.

Regional hydrochemical features of artesian basins in the U.S.S.R.
Trudy Lab.gidrogeol.probl. 16:194-210 '58. (MIRA 12:2)

1. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut.
(Water, Underground)

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the earth's surface in the balance of the waters mentioned is to be determined.

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the West Zabaykal'ye (Transbaykal)" condensed water was proved to increase with rising height of the slopes in certain mountainous regions (up to 30% of the total balance of ground waters). The author of the present paper held a lecture: "On the Ground Water Component in the Salenga River Basin." The local dependences which were determined for the average annual subterranean discharge in the rivers are indicative of an increase in the discharge with the height and vice versa. The participants' attention was attracted by the lecture held by V. M. Lylo (Irkutsk UGMS). He dealt with the role played by the ground water in feeding some rivers of East Siberia. Despite a certain approximation of his data the role of this discharge is very important. 18 lectures were heard and discussed in the third section. The Conference adopted a very important decision: hydrogeological investigations in East Siberia are to be extended, hydrological laboratories and stations are to be built, the relation between the sub- and superterranean waters is to be investigated, and finally, the role played by the condensation and discharge of ice on

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of East Siberia, exploitation of natural resources, protection of mineral waters as well as the methods of compiling comprehensive and regional geological and hydrochemical multi-purpose maps. The greatest attention was attracted by the lectures delivered by I. K. Zaytsev "Hydrogeological Multi-purpose Maps of East Siberia 1 : 2,500,000" and two lectures by V. G. Tkachuk "The Mineral Waters of East Siberia" and "The Formation of Thermal Waters of the Sayano-Baykal'skiy Mountainous Region". The Conference consisted of three sections: 1) for general and methodical problems of hydrogeology, 2) for regional hydrogeology, and 3) for engineering geology and ground frost science. 17 lectures were heard in the first section: V. M. Stepanov confirmed the opinion of N. K. Ignatovich, stating that there is a vertical zone distribution in the formation of hydrochemical elements in mountainous regions. 22 lectures were heard in the second section. The losses caused by the outflow of the river bed discharge in the Bratskoye reservoir were submitted to sharp criticism. In the lecture delivered by V. V. Klimochkin (Buryatskoye geologicheskoye upravleniye = Buryat Geological Administration): "On the Condensed Water of

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ZAYTSEV, I. K.

AUTHOR: Afanas'yev, A. N. SOV/50-58-11-23/25

TITLE: Second Conference on Ground Waters and Engineering Geology in East Siberia (Vtoroye soveshchaniye po podzemnym vodam i inzhenernoy geologii Vostochnoy Sibiri)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 11, pp 68-69 (USSR)

ABSTRACT: The conference mentioned in the title was held in Chita from June 2 to 7, 1958. It had been organized by the Institut geologii Vostochno-Sibirskogo filiala AN SSSR (Institute of Geology of the East Siberian Branch, AS USSR), the Institut merzlotovedeniya im. V. A. Obrucheva AN SSSR (Institute of Ground Frost Science imeni V. A. Obruchev, AS USSR), the Laboratoriya gidrogeologicheskikh problem im. F. F. Savarenskogo (Laboratory of Hydrogeological Problems imeni F. F. Savarenskiy), the Chitinskoye, Irkutskoye and Buryatskoye geologicheskiye upravleniya Ministerstva geologii i okhrany nedr SSSR (Chita, Irkutsk, and Buryat Geological Administrations of the Ministry of Geology and Protection of Natural Resources, USSR), and the Sosnovskaya ekspeditsiya (Sosnovskaya Expedition). 12 lectures were held at the Plenary Meetings. They dealt with the results and tasks of hydrogeological and engineering-geological exploration

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ZAYTSEV, I.K.

Underground waters of the irkutsk amphitheater as mineral resources and as a prospecting critirion [with summary in English]. Sov. geol. 1 no.10:118-138 O '58. (MIRA 12:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Irkutsk Province--Water, Underground)

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ARKHANGEL'SKIY, B.N.; BELYAKOVA, Ye.Ye.; GUREVICH, M.S.; ZAITSEV, I.K., red.; ZINOV'YEVA, T.V.; MITGARTS, B.B.; MOROZOV, V.M.; PETROVA, N.A.; RESPOPOV, M.P.; TOLSTIKHIN, N.I.; TOLSTIKHIN, O.N.; POTAPOV, V.S., red.; GUROVA, O.A., tekhn. red.

[Explanatory notes to a hydrochemical map of the U.S.S.R. on a scale of 1:5,000,000] Ob"iasnitel'naia zapiska k gidrokhimicheskoi karte SSSR v masshtabe 1: 5,000,000. Red. I.K. Zaitsev. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1958. 138 p. (MIRA 11:7)

1. Leningrad. Vsesoiuznyy geologicheskiy institut.
(Water, Underground--Maps)

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ZAYTSEV, I.K.

ZAYTSEV, I.K.

Principles and methods for preparing a general hydrogeological map of the U.S.S.R. Razved.i okh.nedr 23 no.8:38-43 Ag '57. (MIRA 10:11)

1. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut.
(Water, Underground--Maps)

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ZAYTSEV, I.K.

Formation of underground brines. Inform. sbor. VSEGEI no.4:99-104 '56. (MLRA 10:4)

(Brine)

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ZAYTSEV, I.K.

VOZNESENSKIY, D.V.; AMELANDOV, A.S.; GEYSLER, A.N.; GOLUBYATNIKOV, V.D.; [deceased]; DOMAREV, V.S.; DOMINIKOVSKIY, V.N.; DOVZHIKOV, A.Ye.; ZAYTSEV, I.K.; IVANOV, A.A ; ITSIKSON, M.I.; IZOKH, E.P., KNYAZEV, I.I.; KORZHENEVSKAYA, A.S.; MISHAREV, D.T.; SEMENOV, A.I.; MOROZENKO, E.K.; NEFEDOV, Ye.I.; RADCHENKO, G.P.; SERGIYEVSKIY, V.M.; SOLOV'YEV, A.T.; TALDYKIN, S.I.; UNKSOV, V.A.; KHABAKOV, A.V.; TSEKHOMSKIY, A.M.; CHUPILIN, I.I.; SHATALOV, Ye.T., glavnyy redaktor; KRASNIKOV, V.I., redaktor; MIRLIN, G.A., redaktor; RUSANOV, B.S, redaktor; POTAPOV, V.S., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Instructions for organization and execution of geological surveys in scales of 1:50,000 and 1:25,000] Instruktsiia po organizatsii i proizvodstvu geologo-s"emochnykh rabot masshtabov 1:50,000 i 1:25,000. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1956. 373 p. (MLRA 10:6)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. (Geological surveys)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.K.

KRISHTOFOVICH, A.N., redaktor [deceased] SPIZHARSKIY, T.N., redaktor; BELYAYEVSKIY, N.A., redaktor; VADRANYANTS, L.A., redaktor; ZAITSEV, I.K., redaktor; KRASNOV, I.I., redaktor; KULIKOV, M.V. redaktor; LABAZIN, G.S., redaktor; LIBROVICH, L.S., redaktor; LUR'YE, M.L., redaktor; MALINOVSKIY, F.M., redaktor; NESTEROV, L.Ya., redaktor; NEKHOROSHEV, V.P., redaktor; SERGIYEVSKIY, V.M redaktor; TALDYKIN, S.I., redaktor; KHABAKOV, A.V., redaktor; SHABAROV, N.V., redaktor; SKVORTSOV, V.P., redaktor; KISELEVA, A.A., tekhnicheskiy redaktor GUROVA, O.A., tekhnicheskiy redaktor.

[Geological dictionary] Geologicheskii slovar'. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr.Vol.1 A-L 1955.402 p.

(Geology--Dictionaries) (MLRA 8:10)

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USSR/Hydrology - Ground Waters Jan/Feb 48
Stations

"Problem of the Hydrogeological Principle for Disposition of a Base Network of Stations on the Study of the Regime of Ground Waters," I. K. Zaytsev

"Meteorol i Gidrol" No 1, pp 95-102

State Hydrological Inst has requested development of state network of stations to study ground waters. Gives 2-page classification of ground waters (special forms, type of water

[redacted]

167T54

USSR/Hydrology - Ground Waters Jan/Feb 48
(Contd)

exchange, mineralization, etc.), suggested as a basis for disposition of stations. Submitted 21 Mar 47

[redacted]

167T54

PA 167T54

ZAYTSEV, I. K.

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L 44130-66

ACC NR: AP60222404

3

The energy output of this device is equal to the power of a 75-ton press. In 1 min it is possible to punch 3 or 4 holes, 21—25 mm in diameter, in metal plates 12—14-mm thick and in such impact-resistance materials as 30KHGSA and 1X18N9T steels. Orig. art. has: 3 figures. [AM]

SUB CODE: 13,15/SUBM DATE: none/

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

L 44130-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(h)

ACC NR: AP6022404 SOURCE CODE: UR/0317/66/000/002/0039/0041

IJP(c) JD

AUTHOR: Kononenko, V. (Doctor of technical sciences); Zaytsev, K. (Candidate of technical sciences); Semenov, V. (Candidate of technical sciences)

ORG: none

TITLE: Technological reserves for military engineering

SOURCE: Tekhnika i vooruzheniye, no. 2, 1966, 39-41

TOPIC TAGS: military engineering, portable machine, punching machine, explosive charge, impact strength, fabricated structural metal, high strength steel/30KhGSA steel, 1Kh18N9T steel

ABSTRACT: The use of progressive technological methods and new technological processes for military purposes is stressed by the authors. A detailed description is given of an explosive device intended to punch holes in metal plates. This portable punching machine weighs 25—30 kg and utilizes the explosive force generated by the combustion of 2.3 kg of powder, which is equivalent to the pressure of 560 atm.

Card 1/2

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MODINTSOV, B.; ZAYTSEV, I.I.; SILONOVA, M.S.; TROFIMOVICH, D.P.

New standard for planning the production of foam rubber goods. Kauch. i rez. 23 no.4:38-41 Ap'64 (MIRA 17:7).

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.I.

Improved norm setting for rubber expenditure in the manufacture of rubber footwear. Kauch. i rez. 23 no.2:46-48 F '64.
(MIRA 17:3)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.I.

Results of the operations of the rubber footwear industry during 1961. Kauch.i rez. 21 no.12:23-36 D '62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnaykh izdeliy.

(Rubber industry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.I.

Development of rubber footwear manufacture during the period from the 20th to the 22d Congress of the CPSU. Kauch. i rez. 20 no.11: 1-3 N '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

(Boots and shoes, Rubber)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, I.I.

For a further specialization and concentration of enterprises manufacturing rubber footwear. Kauch. i rez. 20 no.1:38-41 Ja '61.

(MIRA 14:3)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

(Boots and shoes, Rubber)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

ZAYTSEV, Ivan Ivanovich; MYSHKIS, Abram Veniaminovich; POGOSTIN, S.Z., spets.red.; MAKAROVA, red.; RAKOV, S.I., tekhn.red.

[Establishing technical standards in the rubber industry] Tekhnicheskoe normirovanie truda v rezinovoi promyshlennosti. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 205 p. (MIRA 14:5)

(Rubber industry--Production standards)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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Potentialities for Raising the Productivity of Labour in the Rubber Industry SOV/138-58-7-8/19

materials are transported in the course of preparation of 1 ton of the finished product (galoshes).
A big potential for increased production lies in cutting down tool or mould changes in the press shops. A table shows the percentage increase in production, per shift, with a diminishing number of adjustments to the press. Each adjustment to the press can cost 120 pairs of galoshes. At the Red Giant Factory up to 1500 tool changes are made each month and the time lost costs 175 000 pairs.
Further observations are made on the load factor on the calandering rolls and the value of keeping the rubber mix constant.
Reference is made to a brochure "New Organisation in the Production of Hose-pipe at the 'Kauchuk' and Leningrad RTI Factories", which details a number of measures taken to raise their productivity.

Card2/2 1. Rubber industry--USSR 2. Labor--Performance 3. Industrial production --USSR

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

AUTHOR: Zaytsev, I.I. SOV/138-58-7-8/19

TITLE: Potentialities for Raising the Productivity of Labour in the Rubber Industry (O nekotorykh rezervakh povysheniya proizvoditel'nosti truda na predpriyatiyakh rezinovoy promyshlennosti)

PERIODICAL: Kauchuk i rezina. 1958, Nr 7, pp 28 - 31 (USSR)

ABSTRACT: The current five-year plan calls for a general increase in the productivity of labour - and the rubber industry must boost its productivity by 31.8% during this period. This must be achieved by seeking out and exploiting "internal reserves".
Mass-production methods must be introduced - some examples are given: the introduction of a pre-formed "stocking" in the manufacture of rubber boots increased production by 36%. Organisation of a new line in the sorting and packing shop, at the "Red Giant" factory for rubber footwear, reduced 40 operations to 18, shortened the line by 100 m and reduced the stock in the pipeline from 250 000 pairs to 40 - 50 000 pairs. A "flow sheet" is given and this lists time for each operation, distance travelled, etc. In the same factory, it is stated that 35 tons of raw

Card1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

AUTHORS: Zaytsev, I. I. and Myshkis, A. V. SOV/138-58-4-6/13

TITLE: Some Ways of Increasing the Output of Moulded Articles From Vulcanisation Presses. (Uvelicheniye s"yema formovykh izdeliy s vulkanizatsionnykh pressov).

PERIODICAL: Kauchuk i Rezina, 1958, Nr.4. pp. 20 - 26. (USSR).

ABSTRACT: A very detailed criticism of an article by B. M. Gorelik and A. V. Ratner which appeared under the same title in "Kauchuk i Rezina", 1957, No.1. There are 2 Tables, and 3 Figures.

ASSOCIATION: Research Institute of Rubber and Latex Goods. (Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy).

Card 1/1 1. Rubber materials--Production 2. Presses--Operation

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KOBEZA, I.I.; GARCHENKO, V.T.; CHERNYAVSKIY, V.G.; ZAYTSEV, I.I.; TONKONOG, N.G.

Technical and economic indices of the operation of open-hearth furnaces with the use of intensifiers. Met. i gornorud. prom. no.3:15-22 My-Je '65. (MIRA 18:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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ZAYTSEV, I.I.

[Course for technicians in higher mathematics] Kurs vysshei matematiki dlia tekhnikumov. Moskva, Gostekhizdat, 1954. 356 p.
(MLRA 8:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100028-6

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ZAYTSEV, I.I.

Some problems of economics in the rubber foot wear industry. Kauch. i rez. 24 no.6:35-39 Je '65.

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy. (MIRA 18:7)

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