"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

SHDUMINAR

USSR/Physical Chemistry - Liquids and Amorphous Bodies. Gases B-6

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3647

Author : Osadchiy A.P.

Inst : Moscow Oblast Pedagogical Institute

CONTRACTOR OF THE STREET STREET, STREET STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,

Title : Dependence of Trans-Stokes' Absorption of Ultrasound in

Liquids on "Molecular" Volumes of Liquid Particles.

Crig Pub : Sb.: Primeneniye ul'trackustiki k issled, veshchestva.

No 3, M., MCPI, 1956, 105-116

Abstract : Utilizing the theory of differences and assuming that

the particles of the liquid can take part in the propagation of the sound impulse either as a single entity or as separate portions of molecules, the author has derived an expression for the coefficient of sound absorption. On the basis of a comparison of the expression thus derived with the results of observations conclusions are drawn concerning the mechanism of sound propagation

in different liquids.

Card 1/1 - 47 -

CSHDCHIY, AR

105-8-12/20

AUTHOR TITLE OSADCHIY A.P. Eng.
An Impulse Method for Determining the Distance to the Fault Point

in Pupinized Cables.

(Impul'sny metod opredeleniya rasstoyaniya do mesta povrezhdenija v

pupinizirovannykh kabelyakh - Russian)

PERIODICAL

lektrichestvo, 1957, f Nr 8, pp 59 - 60 (J.S.S.R.)

ABSTRACT

Since 1957 a new universal equipment of type IKL-5, an impulse device for measurings in overhead lines as well as in cables, is produced. In recent years tests were made to use the present impulse devices for measurements in pupinized cables. The method of a narrow monopolar impuse employed on that occasion proved to be a failure. the fading oscillations which are reflected by the fault joint return to the point by which the impulse was sent out. Until the arrival of this reflected impuse the oscillations of the first link of the chain may be seen on the screen. These were earlier mistaken for the reflection of the Pupin coils. These oscillations render the imployment of theimpulse method difficult. They can be considerably reduced, however, if two narrow monopolar impuses are sent out to the cable. The parameters of the second impuse are selected so that they are compensated in the first link of the chain after one semiperiod since the beginning of oscillation. For that a second impuse of the same polarity as the first one is selected, but with a shift in time in comparation to the first impuse, and equal to the duration of the first semiperiod of oscillations which are caused in the first link.

Card 1/2

105-8-12/20

an Impulse Method for Determining the Distance to the Fault Point in Pupinized Cables.

The amplitude of the second impuse is chosen smaller than that of the first one. The durations of impulse are selected e half and shaller than the half of the oscillation period. The character of the fault is determined according to the sign of the first oscillation of the reflected impuse. The experiments confirmed the efficiences of the method, especially in the beginnings of caples the use of the IKL-5 type equipment is best suitable.

(2 illustrations and 2 Slavic references).

ASSOCIATION

Sentral Scientific -lectrotechnical desearch Paboratory of the Ministry of Electric Power Plants (Tsentral'naya nauchno-issledovatel'skaya elektrotekhnicheskaya laboratoriya MES)

PRESENTED BY

AVAILABLE Library of Card 2/2

Library of Congress.

24,1800 6.8000 (3201,1099,1162) 83872 \$/112/59/000/016/052/054 A052/A002

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 16, p. 246, # 35355

AUTHOR: Osadchiy, A. P.

On the Dependence of the Absorption of Ultrasound on Its Interes

PERIODICAL: V sb.: Primeneniye ul'traakust. k issled. veshchestva, No. 7, Moscow, 1958, pp. 101-104

TEXT: The recently investigated effect of the dependence of ultrasound absorption in liquid on the amplitude of acoustic pressure is explained by the energy dissipation of the wave due to periodic deformations of the structural particles of liquid under the action of excess acoustic pressure. When the amplitude of shift of the structural particles becomes greater than the size of the particles, the thickness of the liquid layer shifting during a quarter of a period becomes greater than the size of one structural particle. This is equivalent to a dimension increase of the structural particles, i. e. ar increase of the mass of a particle and of the number of its outside electrons,

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On the Dependency of the Absorption of Ultrasound on Its Intensity

with the result that the general viscosity increases. A calculation has been carried out. The data obtained correspond to a certain extent to the experimental data of other studies, except in the case of absorption in water. The anomality of absorption of ultrasound of high intensity in water is explained by the association of molecules in molecular complexes which can be considered as single structural particles.

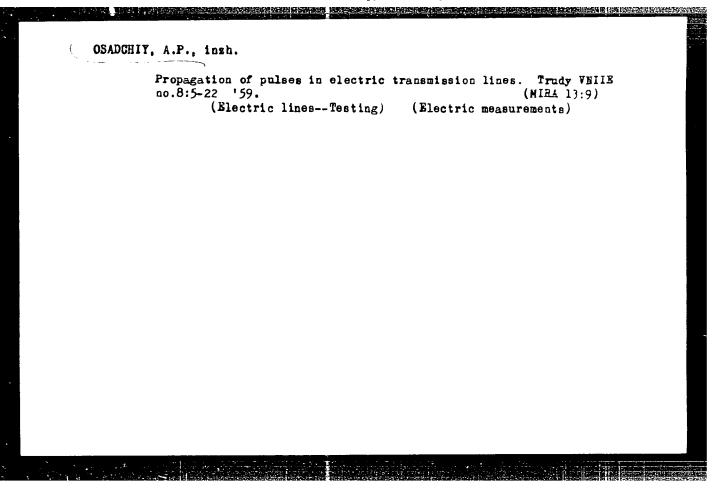
M. G. S.

Translator's note: This is the full translation of the original Bussian abstract.



Jard 2/2

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238



BAKINOVSKIY, V.L., kand.tekhn.nauk; LIPINSKIY, G.V., inzh.; OSADCHIY, A.P.; inzh.; PRIDMAN, Ye.Ya., inzh.

IKL-5 universal pulse device for measuring the distance to damages in overhead and cable lines for electric transmission and communications. Trudy VNIIE no.8:35-43 '59. (MIRA 13:9) (Electric lines--Testing)

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BAKINOVSKIY, V.L., kand.tekhn.nauk; OSADCHIY, A.P., inzh.

PIK-2 pulse device for ultrasonic measurements. Trudy VNIIE
no.8:62-76 '59. (MIRA 13:9)

(Pulse techniques (Electronics))

(Ultrasonic waves--Measurement)
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8 (2)

AUTHOR: Osadchiy, A. P., Engineer

807/105-59-11-14/32

TITLE:

Pulse Measurements in Electric Transmission Lines

PERIODICAL:

Elektrichestvo, 1959, Nr 11, pp 65 - 70 (USSR)

ABSTRACT:

In the introduction the instrument of type IKL-5 for detecting the source of trouble in electric lines which is produced in series is mentioned and it is found that the pulse measurement for determining the source of trouble has been little dealt with in publications. The purpose of the present paper is to investigate the phenomena occurring on pulse measurements on multi-conductor systems by deciphering the oscillograms. In the first part the pulse propagation in the lines is dealt with and it is said that the pulse waves propagating in symmetrical lines can be represented as the sum of two wave groups. 1) phase-earth-waves with the same sign and the same amplitude. 2) Phase-phase-wave with different signs in the individual conductors. These waves are explained by means of figure 1 in which E represents the phase-earth-waves and

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 $\mathbf{E_1}$, $\mathbf{E_2}$, and $\mathbf{E_3}$ the phase-phase-waves. If the amplitude of the

Pulse Measurements in Electric Transmission Lines SOV/105-59-11-14/32

transmitter test pulse is 100% $E_1 = 54\%$ $E_2 = E_3 = -27\%$, $E_0 = 46\%$ holds for the waves. The groups propagate super-

posingly, they are partly reflected at heterogeneous places, the reflected parts in turn forming phase-phase- and phaseearth-components. The wave deformation is determined by the different attenuation of the frequency components of the wave and by the different propagation velocities of the waves. The measurements were made only in the phase-phase-components since they propagate with considerably higher velocity and are subject to much lower attenuation. Tables 1 and 2 show the results of the reflection calculations in defects of different types of conductors and of the passing components. In the second part the experimental work is described. The pulses with a duration of 10 microseconds and an amplitude of 5 ky were transmitted into the conductors by means of a special apparatus and pulses of different length were transmitted into the conductors by means of the series instrument of type IKL-5. The pulses were measured by photographing the oscillograms; figures 3, 4, and 5 show such photos and the types of the defects. Results: () A ground-leakage in any phase is noticed in every phase, the most strongly in the faulty phase. 2) An

Card 2/4

14.600 b - profession (14.41) 4.41 (14.41)

Pulse Measurements in Electric Transmission Lines SOV/105-59-11-14/32

interphase fault can be detected only by measuring the shortcircuited phases. 3) In ground leakages in the center of the measured phase has the reflected wave 29 - 54% of the transmitted one, according to the type of the ground leakage. In the final part the measurements are described for complicated parts of the mains. First the measurements of the mains shown in figures 6 and 7 are dealt with and an oscillogram is shown in figure 8a which belongs to the mains represented in figure 6. The results are summarized as follows: 1) reflex pulses occur in the oscillograms of untroubled lines which cannot be eliminated. A pulse originating directly from a defect is superimposed on the existing ones. 2) The measurements at one end do not definitely determine the place of the defect. 3) It is possible that in the pulse characteristics pulses occur which are the sum of several reflections at different defects. In complicated cases the error can be found by a comparison of the oscillograms of the troubled and the untroubled lines. There are 8 figures, 2 tables, and 2 Soviet references.

Card 3/4



Pulse Measurements in Electric Transmission Lines

807/105-59-11-14/32

ASSOCIATION:

Vsesoyuznyy nauchno-issledovatel'skiy institut elektroenergetiki (All-Union Scientific Research Institute of

Electric Power Engineering)

SUBMITTED:

February 14, 1959

Card 4/4

24.1800 (1063,1144,1482)

30502 **S/194**/61/000/008/051/092 D201/D304

AUTHOR:

Osadchiy, A.P.

TITLE:

The mechanism of Newtonian viscosity and its effect

on ultrasound absorption in fluids

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 6, abstract 8 E50 (Uch. zap. Nosk. obl.

ped. in-ta, 1960, 92, 223-241)

TEXT: The mechanism is analyzed of Newtonian viscosity (NV) in fluids. It is assumed that the NV mechanism is common and the only mechanism in the liquid state of the matter fully responsible for the hyper-Stokes absorption of ultrasound in liquids. The NV can unite various processes differing in their nature which occur in the liquid and these processes lead to the hyper-Stokes dissipation of energy of the ultrasonic wave. If with respect to the ultrasonic wave the liquid is assumed to be a structural medium consisting of structural particles, then the NV would show due to the

Card 1/2

The mechanism of Newtonian...

S/194/61/000/008/051/092 D201/D304

periodic deformation of the above structural particles. In the calculation formula produced for NV the more important of the molecular constants of the liquid are related to the parameters of the ultrasonic field. The analysis of this formula is made for various concrete cases. 3 figures. 5 references. Abstracter's note:

Card 2/2

OSADCHIY, A. P., Cand Tech Sci -- "Study of the possibility of Teafizing automatic measurement to the place of damage."

(LEP at the moment of damage." Mos, 1961. (Mos of Higher and Sec Spec Ed RSFSR. Mos Order of Lenin Power Eng Inst)

(KL, 8-61, 247)

- 278 -

MOZDREV, V.F.; OSADCHIY, A.P.; RUBTSOV, A.S.

Investigation of ultrasonic velocity in water along the saturation line, including the critical region. Akust. zhur. 7 no.3:383-384 (MIRA 14:9)

1. Stalingradskiy sel'skokhozyuystvennyy institut i Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy.

(Ultrasonic waves--Speed)

(Underwater acoustics)

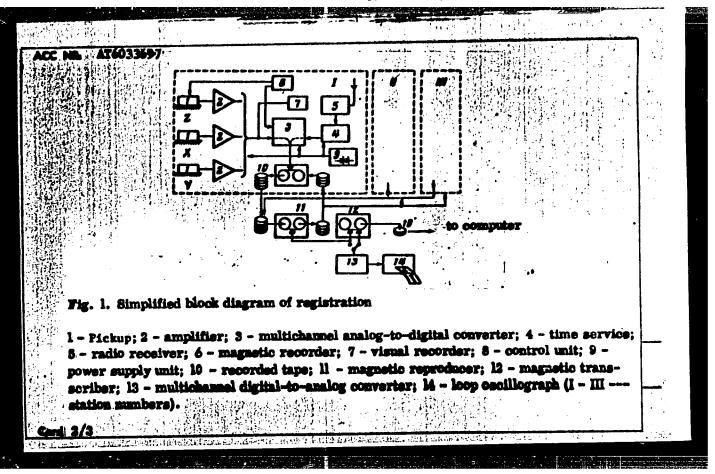
ANOKHIN, V.N., inzh.; LANYUK, S.Ye., inzh.; OSADCHIY, A.P., kand. tekhn. nauk

Automatic two-beam electronic oscillograph with multiple delayed scanning. Trudy VNIIE no.18:122-127 '64.

(MIRA 18:6)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

	A STATE OF THE STA	. :-
ACC NR. AT6033697	SOURCE CODE: UR/3231/66/000/002/0183/0195	
AIRCHOR: Ossichiy, A. P.; Daragan	. 8. K.	
ORG: none		
13-	13-	
TITLE: KOD apparatus for multicha	mel digital recording of seismic signals	
SOURCE: AN SSSR. Institut fiziki Z Mashinnaya interpretatsiya seysmich 183–195	emli. Vychislitel'naya seysmologiya, no. 2, 1966. eskikh voln (machine interpretation of seismic waves),	
instrument, seismologic station,	recorder, digital analog converter, seismologic econograph, signal recording econder, which incorporates a device for on-the-spot	
analog-to-digital conversion and mul	ticharmel recording of seismic observations on magnetic	
tape, was developed at the Institute of	of Physics of the Earth, AS USSR. Three to five KOD sets, each	
installed at a separate seimic station	, can provide round-the-clock recordings for computer-	'
ized analysis at the main station. The (Fig. 1): seismic signal pickups (1); s	e set consists of the following principal components implifiers (7) for raising the signal level high enough	
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ACC NR: AT6033697

for conversion to a binary code — the number of amplifier channels corresponds to the number of X, Y, and Z components of the recorded signals; multichannel analog-to-digital converter (3); time recorder (4) for subsequent integrated analysis of material from a number of stations; radio receiver (3) for reception of the exact-time signals; magnetic recorder (6); visual-monitoring recorder (7); control unit (8) power source (storage battery) (7). The recorded tape (11) is transmitted to the main station where it is selectively transcribed from a magnetic reproducing unit (11) come another magnetic recorder (12), while at the same time providing a visual trace, decoded by a multichannel digital-to-analog converter (13) and recorded by enoscillograph (14). Signals within the frequency range of 0.03-5 cps (33-0.2 sec) are recorded. This set, designed for continuous round-the-clock operation, requires the following daily servicing operations:

1) replacement of magnetic-recorder tape, 3 times daily; 2) adjustment of quartz clock, 2 times daily, according to exact-time signals transmitted by radio; 3) checking the performance of the data converter by visual monitoring of oscillograph—screen; 4) calibration of amplifier and control units. All measurement results are recorded on the station log. Orig. art. has:

5 figures, and 2 tables.

SUB CODE: 42 08, 09/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5106

Cord 3/a

SOLYANKIN, Ye.V.; OSADCHIY, A.S.

Heat balance in the Black Sea. Okeanologiia 2 no.4:602-613 '62.

(MIRA 15:7)

1. Institut okeanologii AN SSSR.

(Black Sea-Temperature)

SOLEANKIN, E.V. [Sol'yankin, Ye.V.]; OSADCII, A.S. [Osadchiy, A.S.]

The thermal circuit in the Black Sea. Analele geol geogr 17 no.2:
97-110 Ap-Je '63.

OSADCHIY, A.T.; POLISHCHUK, V.A. The use of short concrete piles with a pedestal formed by blasting. Prom. stroi. 40 no.9:38-40 '62. (MIRA 15:11) (Piling (Civil engineering)) (Foundations)

A COLUMN TO THE PROPERTY OF TH

OSADCHIY, D.P., dots; TIRASPOL'SKAYA, M.M., kand.med.nauk

So-called inflammatory tumors originating in the kidney. Urologiia, 23 no.1:59-62 Ja-F '58. (MIRA 11:3)

1. Iz kafedry khirurgii (zav.-prof. G.M.Gurevich) Khar'kovakogo atomatologicheskogo instituta na baze 11-y gorodskoy bol'nitsy Khar'kova.

(KIDNEYS, neoplasms inflammatory tumors)

17(

SOV/177-58-7-24/28

AUTHOR:

Osadchiy, D.R., Guards Captain of the Medical Corps

TITLE:

The Treatment of Deep Forms of Fyodermititides

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 7, pp 88-90

(USSR)

ABSTRACT:

The author bases this treatise on his own investigations and those of F.N. Kashkin, Yu.F. Korolev, V.Ya. Shlapoberskiy, ".T. Gusev, P.V. Khizhnyakov, K.K. Aglintsev, M.N. D'yachenko and S.T. Pavlov. He observed 128 patients who were treated with the RUM-4 type apparatus and came to the following conclusions: 1) X-ray therapy with the x-ray diagnostic apparatus is very effective in the treatment of deep injuries of the skin caused by staphylococci.

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2) X-rays take a marked healing effect in all phases

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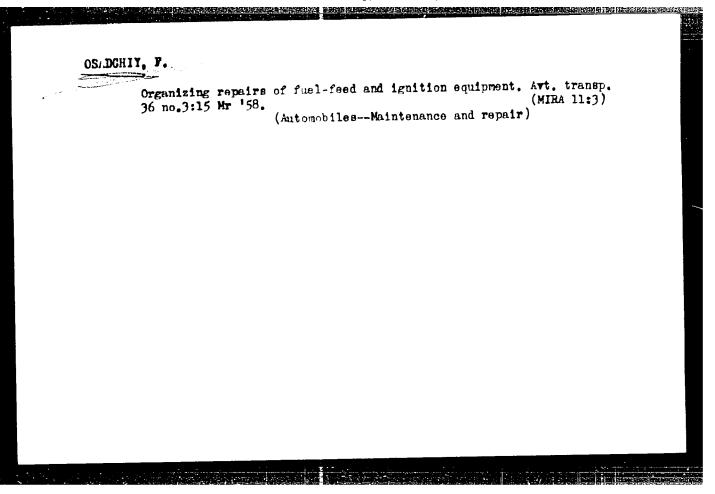
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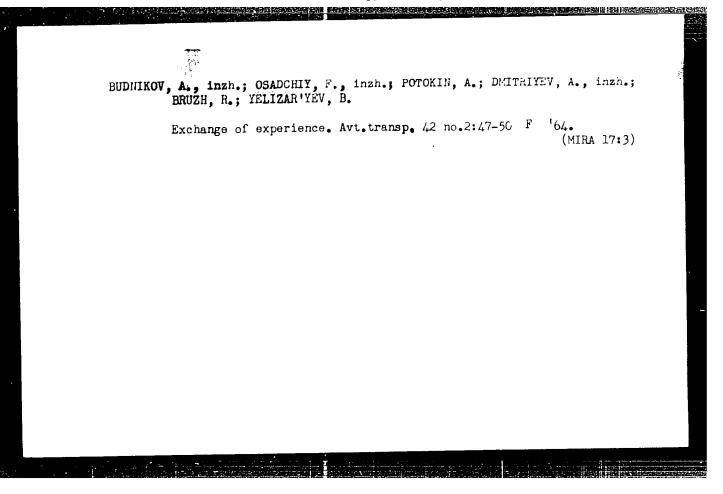
The Treatment of Deep Forms of Pyodermititides

of the inflammatory process, but they are most efficacious in the early periods. 3) In roent-genotherapy of all forms of deep staphyloderma a careful exterior disinfection is necessary and in case of endogenous causes - a general pathogenetic therapy. There is 1 table.

Card 2/2

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238





OSADCHIY, F., inzh.; GOLOSOV, V.; NOVIKOV, K.; MITIN, V.; RYBCHENKO, G.;
KUZNETSOV, V.; TERENT'YEV, M., inzh.; MATKUZHIN, Zh.

Exchange of experience. Avt. transp. 42 no.11:47-51 N '64.

(MIRA 17:12)

TES ENT'YEV, V.; MAYER, P.; FAYZRAKHMANOV, M.; KALOSHIN, S.; RADCHENKO, L.;
AKHMETOV, M.; MUSIN, A.Ch., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor; OSADCHIY, F. Ia.; POPOKINA, Z.P., tekhnicheskiy redaktor

[Experience in oil well drilling with pneumatic percussion rotary equipment] Opyt bureniia skvazhin pnevmaticheskim udarno-vrashcnatel'-nym sposobom. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956.

79 p. (Oil well drilling)

OSADCHIY, 0.V., inzh. Effect produced by a wheel pair with worn-out treads. Vest. TSNII MPS 19 no.6:32-34 160. 1. Trest Donbasstroy, g. Stalino. (Car wheels)

```
OSADCHIY, G.V.; BYCHKOVSKIY, Z.M.

Speedy construction of a storm drain. Transp. stroi. 15
no.3:10-12 Mr '65.

1. Glavnyy inzh. tresta Donbasstransstroy (for Osadchiy).
2. Starshiy inzh. tresta Donbasstransstroy (for Bychkovskiy).
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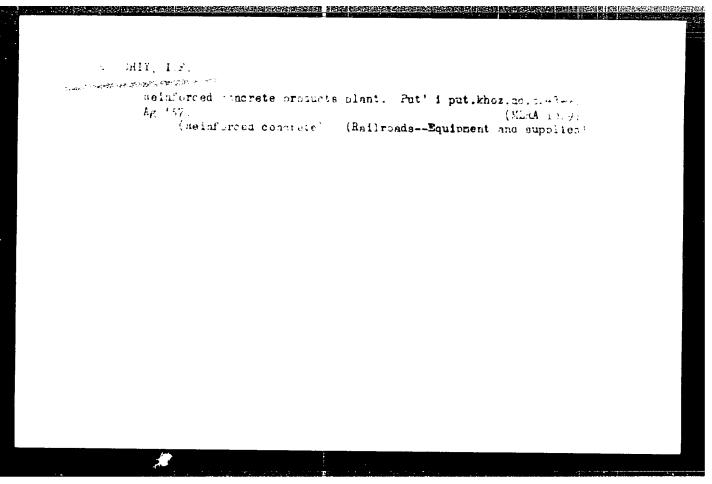
KRATYNSKIY, V., OSADCHIY I., LUBEDEV V.

Irrigation

Mechanization of work involved in the transition to anew irrigation system. MTS 12 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195#, Uncl

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OSADCHIY, I.P.

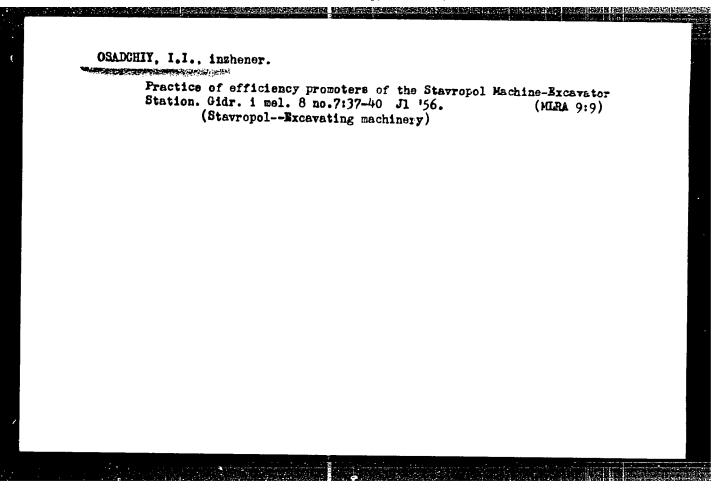
Slag concrete blocks. Put' i put. khoz. no. 7:37-38 Jl '58.

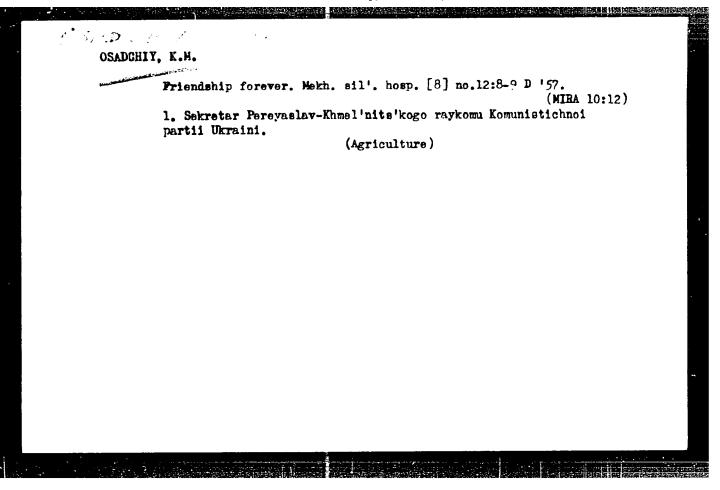
(HIRd 11:7)

1. Zamestitel' nachal'nika distantsii, g. Gomel.

(Concrete blocks)

OSADCHIY, I.I., inshener. Bovostbirsk machine-excavator station conducting soil improvement operations in the Baraba steppe. Gidr. i mel. 6 no.7:18-22 Jl '54. (MIRA 7:7) (Baraba steppe—Soil conservation) (Soil conservation—Baraba steppe)





OSADCHIY, L.I. Effect of carbondioxide and novocaine on interceptors of the ileocecal region. Biul.eksp.biol. i med. 41 no.4:10-14 Ap '56. (MLRA 9:8) 1. Iz laboratorii fiziologii retseptorov (zav. deystvitel'nyy chlen AMN SSSR prof. V.N.Chernigovskiy) i laboratorii patologicheskoy fiziologii (zav. prof. V.S.Galkin) Instituta fiziologii imeni I.P. Pavlova (dir. akademik K.M.Bykov) AN SSSR, Leningrad. Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim. (BLOOD PRESSURE, physiology, eff. of ileocecal stimulation with carbon dioxide & procaine (Rus)) (ILEUM, physiology, eff. of carbon dioxide & procaine stimulation of ileocecal region on blood pressure (Rus)) (CECUM, physiology, same) (PROCAINE, effects, on ileocecal region, blood pressure responses (Rus)) (CARBON DIOXIDE, effects, same)

ObabCair, L. 1. Cons Ved Doi -- (diam) "Perticipation of the intersection constitution of the recharge of effects of intraves when introduction of sodium chloride." Len, 19:0. 1 p. (Acc. Dri Mu M. Inst of Physiolog in I. :. Paylov), 110 do ies (KL, 70-18, 11:)

OSADCHIY, L.I.

Changes in reflex motor reactions to intravenous and intra-arterial administration of a chemical irritant [with summary in English]. Biul.eksp.biol. i med. 45 no.2:33-37 F' 58 (MIRA 11:5)

OSADCHIY, L.I.

Role of the interoceptive component in the mechanims of action of intravascular hypertonic solution on the knee reflex [with summary in English]. Biul.eksp.biol. i med. 46 no.7:35-40 Je '58 (MIRA 11:7)

1. Iz laboratorii patologicheskoy fiziologii (zav. - prof. V.S. Galkin [deceased]) Instituta fiziologii imeni I.P. Pavlova (dir. - akademik K.M. Bykov) AN SSSR, Leningrad. Predstavlena akademikom K.M. Bykovym.

(HYPERTONIC SOLUTIONS, effects,

on knee jerk, interoceptive factor in intra-vasc. inject (Rus))

(REFLEXES.

knee jerk, eff. of hypertonic solution, interoceptive factor in intrav-vesc. admin. (Rus))

GANELINA, I.Ye.; ZIMOVAYA, N.G.; IL'INSKIY, O.B.; LEBEDEVA, V.A.;

MARTYNYUK, V.K.; MERKULOVA, O.S.; MUSYASHCHIKOVA, S.S.;

MYAGKAYA, I.P.; OSADCHIY, L.L.; POPOVA, T.V.; SEREBRENHIKOV, I.S.;

TYUTRYUMOVA, Z.I.; CHERNICHENKO, V.A.; YAROSHEVSKIY, A.Ya.

Interoceptive component in the development of certain pathological states. Trudy Inst.fiziol. 8:240-253 *59. (MIRA 13:5)

Laboratoriya patologicheskoy fiziologii (zaveduyushchiy - V.S. Galkin [deceased]) Instituta fiziologii im. I.P. Pavlova AN SSSR. (SENSES AND SENSATION) (PATHOLOGY)

AND THE PARTY OF T

ACCESSION NR: AP4017133 S/0239/64/050/002/0225/0229

AUTHOR: Korniushkin, Yu. D. (Kornyushkin, Yu. D.); Osadchil, L. I. (Osadchiy, L. I.)

TITLE: A mechanotron intravascular pressure data unit

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 50, no. 2, 1964, 225-229

TOPIC TAGS: intravascular pressure data unit, arterial pressure direct reading, mechanotron transducer, membrane manometer, MPO-2 oscillograph

ABSTRACT: A mechanotron intravascular pressure data unit constructed by the authors records arterial and venous pressures directly on a loop oscillograph without intermediate amplifiers. The mechanotron is an electron transducer and is connected to a membrane. The membrane is mounted in a capsule forming a membrane manometer which reacts directly to intravascular pressure transmitted through a polyethylene catheter. The membrane converts the pressure into small pressure waves and the mechanotron converts them into electric signals of sufficient power to be directly recorded by the vibrometers of a

Card 1/2

ACCESSION NR: AP4017133

MPO-2 oscillograph. Visual observations are made on the screen of a VEKS-1 vectoelectrocardioscope. The mechanotron looks like an ordinary electron tube and is a specially constructed double triode with movable anodes and grid and a fixed cathode. The two anodes are used to increase sensitivity and current is measured in a diagonal bridge circuit. Basically the data unit is a highly sensitive electromanometer with very reliable direct readings. Orig. art. has:

ASSOCIATION: Laboratoriya elektroniki i poluprovodnikov Leningradskogo instituta tochnoy mekhaniki i optiki i laboratoriya fiziologii krovoobrashcheniya instituta fiziologii im. I. P. Pavlova AN SSSR, Leningrad (Laboratory of Electronics and Semiconductors of the Leningrad Institute of Precision Mechanics and Optics and the Laboratory of Blood Circulatory Physiology of the Physiology Institute, AN SSSR, Leningrad)

SUBMITTED: 17Apr63

DATE ACQ: 18Mar64

ENCL: 00

SUB CODE: 45

NR REF SOV: 001

OTHER: 005

Cord 2/2

**KORNYUSHKIN, Yu.L.; CSADCHIY, L.I.

"Mechanotron" recorder of intrapascular pressure. Fining the Some No. 2:115-229 Fig...

1. Laboratoriya elektroniki i golqqrovodnikov leningquiskoga unatituta technog mekhaniki i qitiki i laboratoriya fiv. North sing pirascheniya Instituta fiziologii meni 1.0. Naviova et 1306. Periogra.

Analysis of some effects of intracarotid introduction of chemical irritants. Fiziol, zhur. 50 no.3:293-300 Mr 164.

[KIFA 18:1.

] Laboratoriya fiziolorii krovoobrashcheniya i dykhaniya Instituta fiziolorii imeni L.P. Pavlova AN ESSR, leningrad.

L 24671-65

ACCESSION NR: AP5004681

8/0239/64/050/009/1136/1143

AUTHOR: Osadchiy, L. I.

TITLE: Analysis of certain effects of intravenous or intracardisc administration of chemical agents

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 50, no. 9, 1964, 1136-1143

TOPIC TAGS: nervous system, cardiovascular

Abstract: Changes in the knee reflex and the cortical motor response are considerable more pronounced following intravenous and intracardiac administration of a hypertonic solution of sodium chloride than when it is given in a direction toward the brain or spinal column through the common carotid artery or norts. This suggests that these changes are determined by reflex influences from the receptors of the vascular regions with which the compound administered into the veins inevitably comes in contact before it reaches the central nervous system. This is true chiefly for the receptor fields of the heart and lungs. Determination of what nerve tracts conduct the influence from the cardiac and pulmonary receptors to the central apparatus of the knee reflex was the purpose of the research described. Experiments were performed in which vagus nerve conduction was blocked and the spinal column severed Card 1/2

L 24671-65 ACCESSION NR: AP5004681

at the boundary of the thoracic and cervical levels. It was found that the principal afferent tracts which conduct reflex influences from the receptors of the ostia of the vena cava, heart, and lesser circulatory circuit and, to a certain extent, the aortic arch to the motor centers of the knee reflex pass through the vagus nerves. Spinal afferent innervation of the ostia of the vena cava, heart, and lesser circulatory circuit also participate in these reflexive influences. The direct cause of a relationship between responses of blood pressure and changes in knee reflex upon intravenous and intracardiac administrations of a hypertonic solution of sodium chloride has not been found. Variations in knee reflex upon intravenous and intracardiac administrations of sodium chloride caused by a reflex mechanism. Orig, art. has 4 figures.

ASSCIATION: Laboratoriya fiziologii krovoobrashcheniya i dykhaniya Instituta fiziologii im. I. P. Pavlova AN SSSR, Leningrad (Laboratory of the Physiology of Blood Circulation and Respiration Institute in the Physiology

... Divou Vilumeton and Respiration, Institute of Physiology, AN SSSR)

SUBULTED: 19Feb63

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JPRS

Card 2/2

OSADCHIY, L.I.; LEVATOV, V.A.; ORLOV, V.V.; VOSTRIKOV, N.A.

Simple model of a tensiometric electromanometer for recording intravascular pressure. Biul.eksp.biol.i med. 57 no.5:120-122 My '64. (MIRA 18:2)

l. Laboratoriya fiziologii krovoobrashcheniya Instituta fiziologii lmeni Pavlova AN SSSR, Leningrad. Submitted June 15, 1963.

OSADCHTY, L.K.; SYRKIN, Yu.G., inzh.tekhnolog; VEKSHIN, K.D., mashinist elektrovoza, Geroy Sotsialisticheskogo Truda; ONOPRIYENKO, L.N., mashinist elektrovoza; SHAROV, M.S.; MARKOVICH, I.A., mashinist-instruktor

"Electric networks of the VL23 electric locomotive." Elek. i tepl. tiaga 5 no.6:44-45 Je '61. (MIRA 14:10)

1. Depo Dnepropetrovsk (for Syrkin). 2. Depo Barabinsk Zapadno-Sibirskoy dorogi (for Sharov).

(Electric locomotives)

VAVILOV, Dimitriy Mikhaylovich, kepiten 1 renga zapasa; OSADCHIY, Mikhail
Dmitriyevich, kapiten 1 renga zapasa; BYKHOVSKIY, Īsrail' Adol'fovich, kapiten 2 renga zapasa; KAZANKOV, A.A., kepiten 1 renga,
red.; KONOVALOVA, Ye.K., tekhn.red.

[Prectical seamanship] Morekaia praktika. Pt.2.[Ship handling]
Upravlenie manevrami korablia. Moskva, Voen.izd-vo M-va obor.SSSR.
1958. 287 p.

(Navigation)

(Navigation)

QSADCHIY, N.I

USSR/Cultivated Plants. - Technical Oleacede, Sugar Plants

M-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1700

: N. Osadchiy Author

Inst

: Not Civen

Title

: The Most Favorable Method of Irrigating Tobacco

Orig Pub : S.kh. Kirgiaii, 1956, No 5, 18-22

Abstract: Tests for studying the periods and amounts of irrigation for tobacco have been conducted during 1940-42 at the zonal station of Frunze of the Union Tobacco and Mahorka Institute. Formulas are given for determining the total amounts of water consumption of a tobacco field and also norms of watering and irrigation. Results of the study of the tobacco irrigation method in vegetative containers abve also been noted.

: 1/1 Card

Name: OSADCHIY, Nikolay Ivanovich

Dissertation: Cultivation of tobacco under condi-

tions of the irrigated agriculture of Central Asia and Kazakhstan

NAME OF THE PROPERTY OF THE PR

Degree: Doc Agr Sci

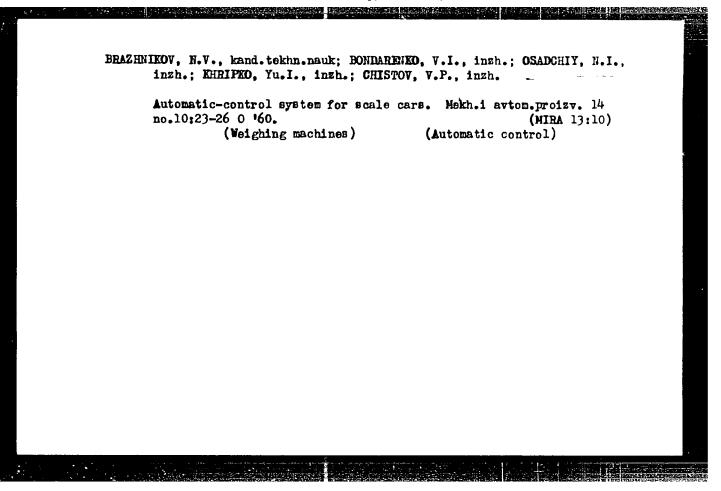
Affiliation: Kirgiz Agr Inst

Defense Date, Place: 21 Dec 55, Council of Soil Inst imeni Dokuchayev, Acad Sci USSR

Certification Date: 5 Oct 57

Source: BMV0 23/57

44



L 27885-65 EWT(d)/EED-2/EWP(1) Po-4/Pq-4/Pg-4/Pk-4 IJP(c) BB/GG/GS

ACCESSION NR: AT5003954

8/0000/64/000/000/0337/0350_

AUTHOR: Osadchiy, N. I.; Chistov, V. P.

TITLE: Logic and computer devices of the static type in digital servomechanisms

3+1

SOURCE: Nauchno-tekhnicheskoye obshchestvo priborostroitel nov promyshlennosti. Nauchno-tekhnicheskoye soveshchaniye. 3d, Moscow, 1962. Vychiulitel naya tekhnika dlya avtomatizatsii proizvodstva (Computer technology for the automation of production); trudy soveshchaniya. Moscow, Izd-vo Mashinostroyeniye, 1964, 337-350

TOPIC TAGS: pnp transistor, transistor circuit, logic circuit, digital computer element, servomechanism element, logic gate

ABSTRACT: The article describes several automatic control elements based on the use of p-n-p transistors. Advantages claimed for these elements are compactness, high reliability in a temperature range +5--600 and under supply-line fluctuations up to ± 20%, and instant readiness for operation. The suthers developed a basic

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ACCESSION NR: AI	5003954			0
V code into binary	code converter, and	digital servome	chanism system wit	h program
control. Original	article has: 12 fi	gures, 7 formula	is, and 3 tables.	
ASSOCIATION: None				
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1. 6993-66 EIP(1)/EIT(d) IJP(c) GG/BB

ACC NR: AP5026809

SOURCE CODE: UR/0286/65/000/017/0091/0092

INVENTOR: Osadchiv, N. I.; Chistov, V. P.

43

ORG: none

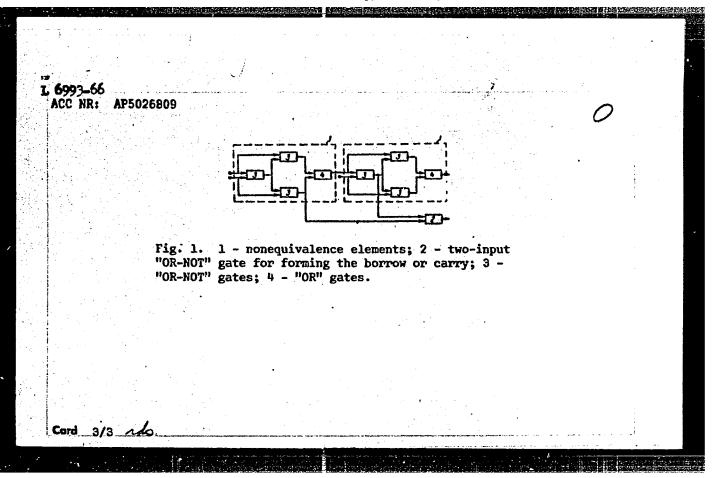
TITLE: A combination binary addition-subtraction unit. Class 42, No. 174438

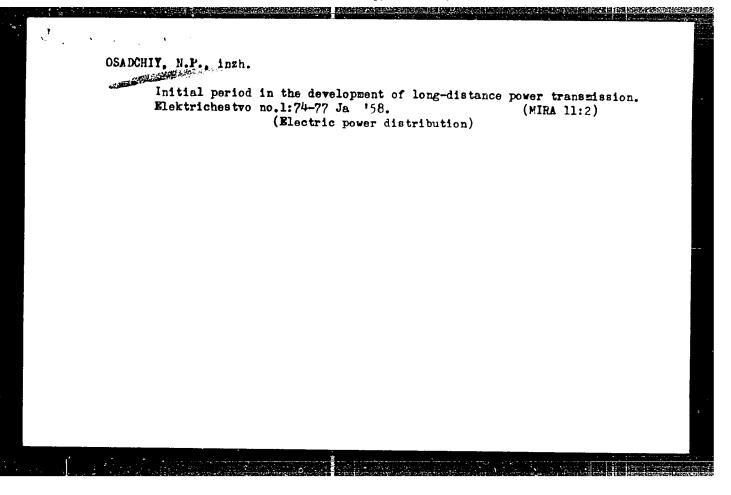
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 91-92

TOPIC TAGS: binary logic, logic element, computer component, arithmetic unit 160,44

ABSTRACT: This Inventor's Certificate introduces a combination binary addition-subtraction unit. In order to carry out subtraction in direct code as well as to simplify the system and make it possible to use elements of the same type, the unit contains two series-connected nonequivalence elements with additional outputs to which a two-input "OR-NOT" gate is connected for forming the borrow or carry to the most significant digit. Each of the nonequivalence elements contains an "OR-NOT" gate at the input as well as two "OR-NOT" gates which have one input connected to the output of the first "OR-NOT" gate. The other two inputs of these "OR-NOT" gates are connected respectively to the inputs of the adder-subtracter (for the first

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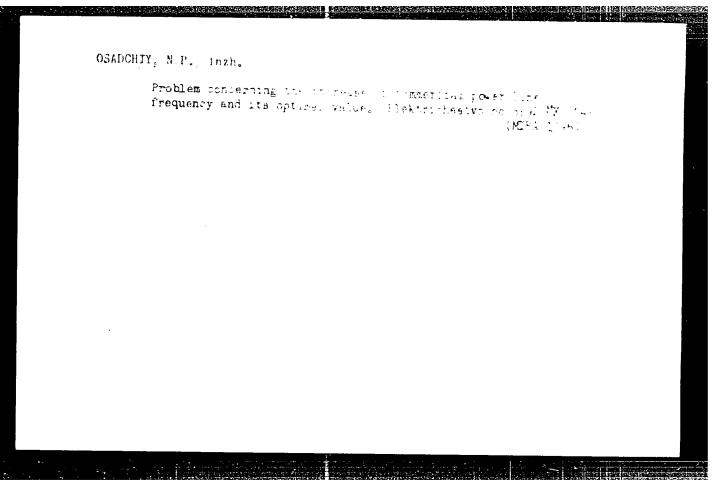


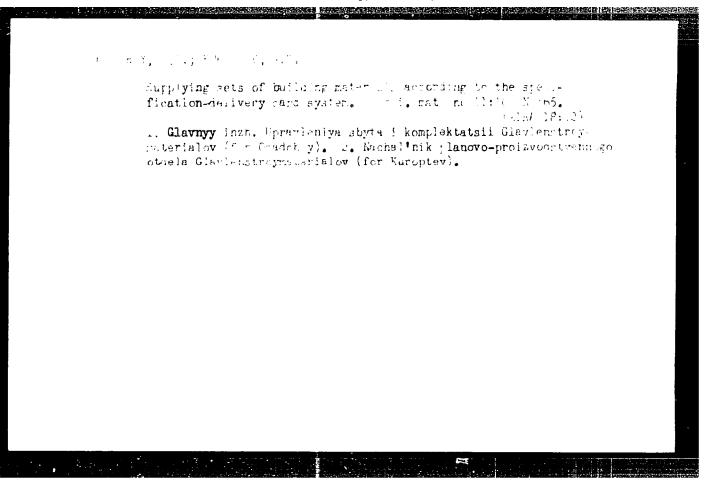


en o o company paragraphs

OSADCHIY, Nikolay Petrovich; NIKOLAYEVA, M.I., red.

[Historical study of the development of long-distance electric power transmission systems] Istoricheskii ocherk razvitiia peredachi elektricheskoi energii na rasstoianie. Moskva, Izd-vo "Energiia," 1964. 94 p. (MIRA 17:4)





OSADCHIY, S.

More about technical norms. Muk.-elev.prom. 20 no.3:10-11 Mr '54. (MLRA 7:7)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno.

(Labor productivity) (Grain elevators)

Loading grain into railroad cars at the Kurgan procurement station. Muk.-elev.prom. 20 no.7:31 Jl '54. (MIRA 7:8) 1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotserno. (Grain--Transportation)

Cleaning seeds of flax and other crops. Muk.-elev.prom. 20 no.10: 25 0 '54. (MIRA 7:12) 1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno. (Flaxseed) (Seeds--Cleaning)

OSADCHIY,S.

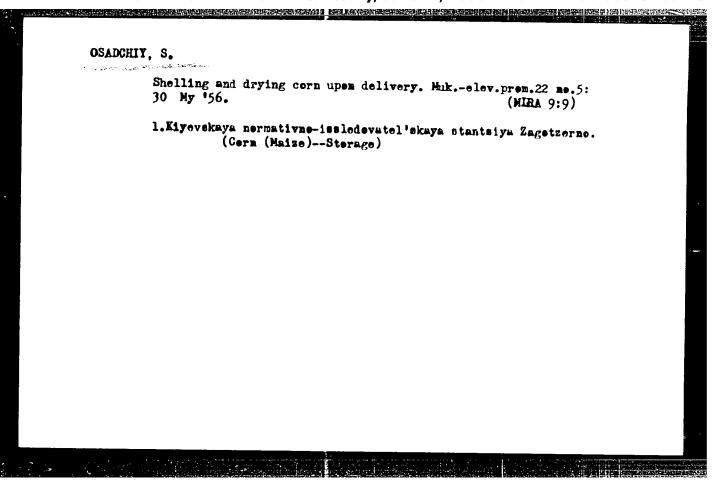
Conveyer with a power shovel. Muk.-elev.prom. 21 no.4:24 Ap '55. (MIRA 8:7)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno.

(Grain--Handling machinery)

Simplified power showel. Muk.-elev.prom.21 no.6:23 Je'55. (MIRA 8:10) 1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno (Grain-handling machinry)

OSADCHIT, S. Grain conveyer. Muk.-elev.prom.22 mo.3:21-22 Mr '56. (MLRA 9:7) 1.Kiyevekaya normativno-issledovatel'skaya stantsiya Zagotzerno. (Grain-handling machinery)



ACC NR: AP7002006 SOURCE CODE: UR/0118/66/000/012/0033/0034

AUTHOR: Platnov, P. N. (Doctor of technical sciences); Tribel'gorn, E.V. (Candidate of technical sciences); Osadchiy, S. A.

ORG: none

TITLE: Small-size contactless time relay.

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstvo, no. 12, 1966,

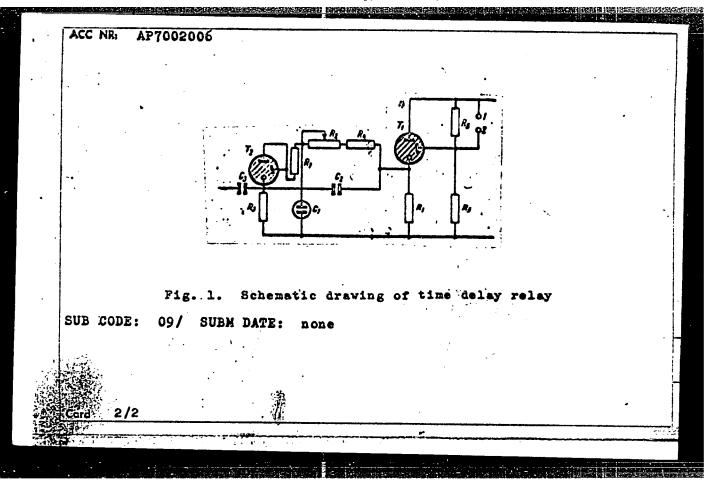
33-34

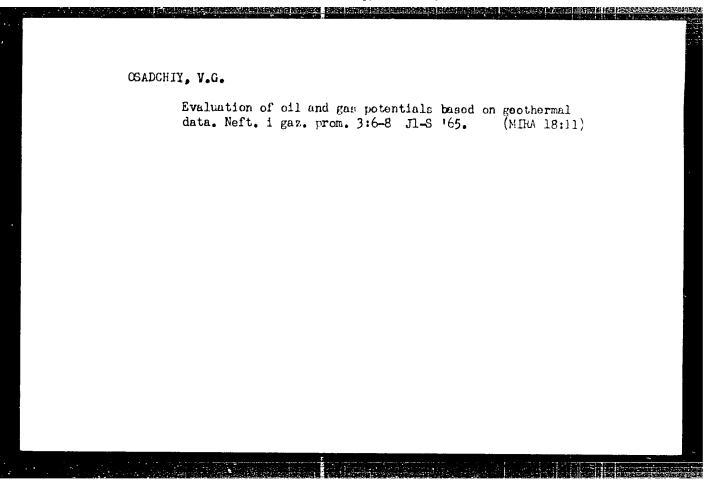
TOPIC TAGS: time relay, cold cathode tube

ABSTRACT: A time delay relay developed at the Odessa Technological Institute in Lomonosov with continuously variable delay time from 1 to 1200 sec is reported. The relay, encased in a dust- and waterproof container which has an 8-pin connector, uses two MTkh-90 cold-cathode thyratrons (see Fig.1) to realize the delay function. The maximum error of the preset time delay is 10 %. Thyratron (T_1) working as a triode together with the RC circuit realizes the delay function while thyratron (T_2) is used for resetting T_1 . The large amount of delay is possible because the C_1 capacitor charging current is commensurate with its leakage current. Orig. art. has: 1 figure and 1 table.

Card 1 /2

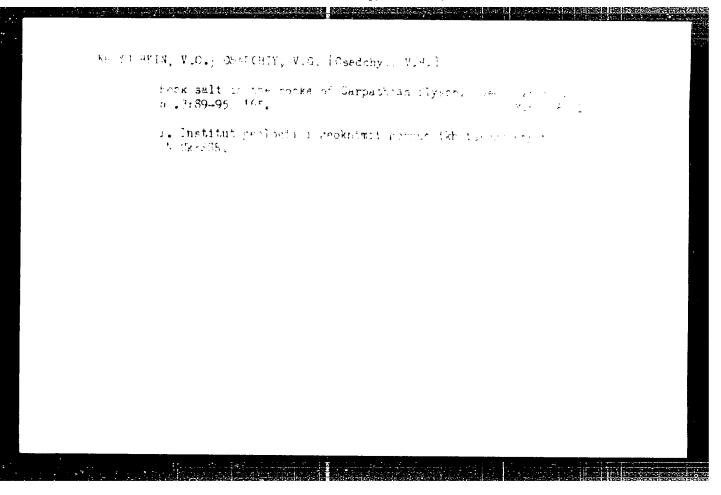
UDC: 621.563.5





OSADCHIY, V.G.; BAYBAKOV, V.V.

1. Institut geologii i geokhimii goryuchikh iskopayemykh AN UkrSSR.



ADCHIY, V.I	
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chanization of openations for transition to a new system of infinatio . Pulsiferms . 5, 1952.	itws,
Monthly List of Russian Accessions, Library of Congress, Ceteber 1957. Uncl	i .
2	

S/194/62/000/007/151/160 D413/D308

AUTHORS:

Osadchiy, V.I., and Shvetskiy, B.I.

TITLE:

A self-contained pulse voltmeter

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1961, abstract 7-7-275 g (Nauchn. zap. L'vovsk. politekhn. in-t, no. 78, 1961, 156 - 171)

TEXT: After considering various input circuits for pulse voltmeters, the paper describes a circuit for a self-contained pulse voltmeter in which the pulse being measured actuates the release of the preceding indication. The memory circuit of the voltmeter uses two triodes and two diodes, and in it the voltage on the memory capacitor is made to follow automatically the level of the input signal. The choice of circuit components is discussed. The basic technical characteristics of the voltmeter are: limits of measurable voltage 1 - 3000 V; measurement error up to 5 % for pulse voltages (duty cycle 1 in 105), and up to 3 % for continuous voltages (oventhe range 100 c/s - 1.5 mc/s); minimum acceptable pulse width 50 card 1/1

The state of the s

PAVLOV, I.M.; OSADCII, V.I. [Osadchiy, V.I.]

Influence of the lamination speed in the automatic mills on the quality of pipes. Analele metalurgie 16 no.4:130-132 C-D '62.

8(6), 14(10)

SOV/112-59-3-4651

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 52 (USSR)

AUTHOR: Osadchiy, V. P.

TITLE: Experience with Building a Roller-Compacted Dam from Gypsum-Treated Soils Across the Outlet of the Kuyu-Mazar Reservoir (Opyt vozvedeniya ukatannoy plotiny iz gipsirovannykh gruntov nad vodovypuskom Kuyu-Mazarskogo vodokhranilishcha)

PERIODICAL: Tr. Sredneaz. n.-i. in-ta irrigatsii, 1957, Nr 90, pp 155-163

ABSTRACT: A nonuniform mixture of sandy soil, tertiary clay, and gravel was used for building the dam. The mixture was subjected to a special treatment (moistening, breaking, stirring) in the borrow pits prior to its placing on the dam. The dam was filled in horizontal layers. Spreading the layers was done by D-159 bulldozers and a D-241 grader; in close quarters, by hand rake. Joining a previously placed layer with a new one was obtained through harrowing the former to a depth of 3-5 cm by means of a diesel cultivator. For

Card 1/2

8(6), 14(10)

SOV/112-59-3-4651

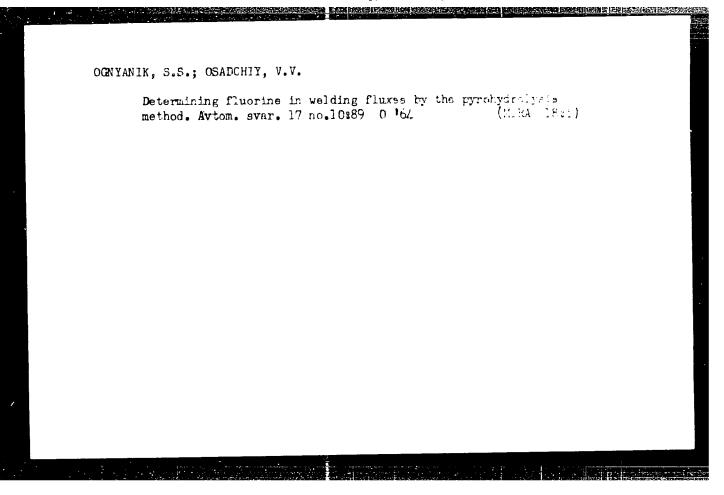
Experience with Building a Roller-Compacted Dam from Gypsum-Treated

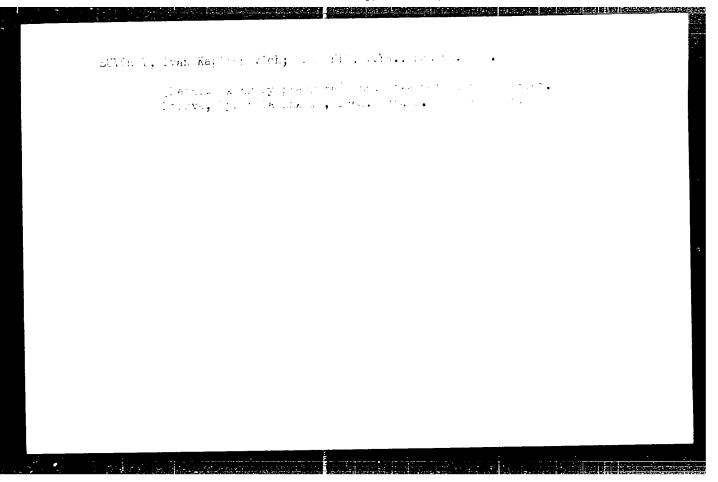
compaction of a placed layer, a two KKV-Sh roller unit was used; in close quarters, an S-80 crawler tractor and type OMSP-5 pneumatic hammers were used; Nr 16 channel-iron tamping plates were fastened to the hammer bits. All work was done by a flowline method. Use of pneumatic devices is particularly noted. Borrow-pit layout, drawings, and equipment characteristics are presented.

A.P.T.

Card 2/2

OSADCHIY, V.P. Lowering the expenditure of labor in raising corn. Zhivotnovodetvo 20 no.4:32-33 Ap '58. (MIRA 11:3) 1. Zanestitel' nachal'nika Dnepropetrovskogo oblsel'khozupravleniya. (Dnepropetrovsk Province-Corn (Maize))





18(0) AUTHOR:

Osadchiy, V. Ya.

sov/167-58-4-25/47

TITLE:

Analysis of Forces and Conditions at the Cripping Process in Diagonal Rolling Mills (Analiz sil i usloviya zakhvata v stanakh kosoy prokatki)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Metallurgiya, 1958, Nr 4,

ABSTRACT:

The papers (Refs 1-9) are mentioned. In a resulting discussion, it was stated that the formula derived by . T. Yemel'yanenko (Ref 9) for the gripping process in diagonal rolling mills is wrong and the new formulas suggested are doubtful. Here a formula (8) is derived for the condition at the grip; ing process in a general form. In deriving this formula, the starting point is the presence of axial and tangential gliding of the semifinished material between the rollers. On account of this gliding, the direction of the frictional force does not coincide with the direction of the circumferential speed. It deviates from the latter by a certain angle $oldsymbol{arphi}$, the magnitude of which depends on the ratio between axial and tangential gliding. The direction of the frictional force vector may be found graphically as the difference between the vector of the

Card 1/3

Analysis of Forces and Conditions at the Gripping Process in Diagonal Rolling Mills

SOV/163-58-4-25/47

roll-surface velocity and the vector of the semifinished--material surface velocity. In formula (8) all angles are parameters of the cylinder rolling process. They are given and known except for the angle $oldsymbol{arphi}$. The angle $oldsymbol{arphi}$ is a function of the axial and the tangential gliding. For the determina -- "tion of ψ the formulas (9) and (10) are derived. If the factors of axial and tangential gliding, as well as the angle of inclination of roller 3, are known, the angle o can be found by the formula (10). Then, & is introduced into formula (9) and the angle ψ required is obtained. The ψ -value is introduced into formula (8), and the frictional factor required in the gripping process in the axial direction is determined. For a complete analysis of formula (8), 16 different cases of combination of factors are examined for the gliding in axial and tangential direction. It is shown that the gliding of the semifinished material between rollers is something like a natural regulator compensating the lack or excess of frictional force. There are 5 figures, 1 table and 9 Soviet references.

CHARLES ENTRY OF THE CONTRACT

Card 2/3

Analysis of Forces and Conditions at the Grigging SCV/163-58-4-25/47 Process in Diagonal Rolling Mills

ASSOCIATION: Moskovskiy institut stali (Moscow Steel Institute)

SUBMITTED: January 10, 1958

Card 3/3

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OSADCHIY, V. Ye.; GLEYBERG, A.Z.

Measuring specific pressure caused by transverse rolling. Biul.
TSNIIGHM no. 9:44-46 '58. (MIRA 11:7)

1. Moskovskiy institut steli(for Osadchiy). 2. Pervoural'skiy
Novotrubnyy zavod(for Clayberg).

(Rolling(Metalwork))

(Photoelectric measurements)
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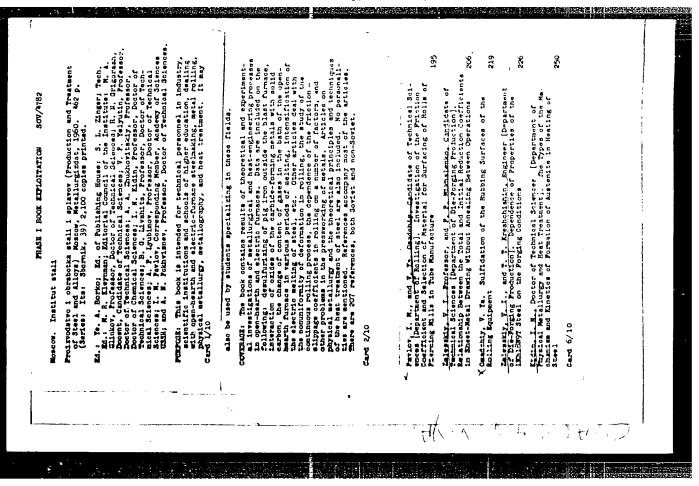
OSADCHIY, V.Ye.; KAUPHAN, M.H.; NODEV, E.O.; RAKHNOVETSKIY, L.S.

New gauging of mendrels used in broaching steinless steel.

Biul. TSHIICHM no. 10:45-46 '58. (NIRA 11:7)

1. Moskovskiy institut steli(for Osadchiy). 2. Pervoural'skiy Novotrubnyy savod(for Knufman, Nodev, Rakhnovetskiy).

(Broaching machines)



ATTROCAS:

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$$P_m = \frac{P_{\sigma e^b}}{\dot{F}} = \frac{P_r - P_b}{F} = . \tag{2}$$

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and that in the Li displaced permental estate to the control that $P_{\frac{1}{2}}$ is construct forms exerter as a

between module. F_{ij} is found from equation:

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Card 1/7

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP8

CIA-RDP86-00513R001238

Introdement in Operation of Fig. William Millian of Assemb Puber Ref. Lat Internation where $\eta_{
m th}$ is solither that the co outen the ends of sendon forms: $\sigma_{ij} = \epsilon$ r - 1 d Compas of metal under rolling [] Hameter of coller type: $I_{\mathbf{b}}$ = leads of the action of rolls. Experimental data recesses to the difference between the mean specific pressure obtained by iistains the full pressure of meta. rolls by the area of contact and the mean most pressure of reduction calculated from Eq. (a) range. between 10 and 10% (see Table A). In designing your mills the authors suggest calculating the full processe of metal on the rolls by either atilizing (a) the mean apartitle pressure or (b) the "premare or an Thereaged is 10% of and determined as a second of Burtheres, V. F., "Prese Origination in 10% of in Plan Mill." In conserved antibles, "would by Forces of Pressure," Issue IV, Metallicational Smirnov, V. V. ("Determination of Ferrery at in Ture Rolling in Plug Mill," in socioeter and Card 5/7

e de la companya de l

Improvement in Operation of Plan Rolling
Mills of +60-mm Tube Rolling Installation same as above). (+) Various types of lubricants were tested in order to reduce rolling time by decreasing the slip between metal and polls. As seen from Table A the soefficient of axial slip is considerably increased by spraying the inside of the tube with NaCl before rolling. However, NaCl promotes the escape of gas and enhances composion. A mixture consisting of one part salt, one part graphite, and three parts air-iried scale decreased slip by 1.17 times and doctaminated the working area considerably less than MaOl. Rolling process was much more stable and mandrel wear decreased. The authors emphasize that the use of the proper lubricant cuts rolling time from 20 to 30%. For more efficient operation of the plug mill the aithors recommend: (1) improving roll pass design and make; (2) establishing optimal setting up parameters; (3) systematic use of lubricant. There are 2 figures; 1 table; and 5 Soviet references. ASSOCIATION: Moscow Steel Institute (Moskoviskiy institut stali), Southern Pipe Plant (Yuzhnotrubnyy zavod) Card 7/7

S/148/60/000/007/005/015 A161/A029

AUTHORS: Osadchiy, V.Ya.; Fomenko, Yu.Ye.; Yeriklintsev, V.V.; Baykov, V.P.

TITLE: Metal Pressure on the Piercing Mill Rolls

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TEXT: An experimental investigation at Nikopol'skiy Yuzhnotrubnyy zavoi (Nikopol' Tube Works) is described. The purpose was to study the dynamics of the process, which is important for full utilization of the power and mechanical strength of rolling mills as well as for establishing an optimum rolling process technology. The "400" installation of the plant used for experiments consists of two continuous heating furnaces; two used for experiments consists of two continuous heating furnaces; two used for experiments consists of two continuous heating furnaces; two used for experiments consists of two continuous heating furnaces; two reheating furnace before the spreading mill; an automatic spreading mill; reheating furnace before the spreading mill; an accooler with a straightening two rolling-over mills; one sizing mill, and a cooler with a straightening machine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. Both piercing mills are operating only when rolling largemachine. But piercing mills are operating only when rolling largemachines diameter and thin-walled tubest otherwise the piercing mill Nr 2 operates alone. It produces billets in a single piercing Metal pressure on the

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Metal Pressure on the Piercing Mill Rolls

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piercing mill rolls was measured with dynamometers placed between the screwdowns and the work roll bolster (Figure 1), in especially prepared casings (Figure 2). Pressure oscillograms are shown (Figure 3) and "decoded" (in Table 1). No sufficiently accurate theoretical or experimental data are yet available on the dependance of specific metal pressure on the basic piercing process parameters, and data obtained by experience are usually being employed in calculations of the piercing mill parts and technology. In the described investigation, mean pressure was determined by dividing the experimentally determined full metal pressure on the rolls by the contact area between the metal and the rolls: $p = \frac{P}{s} kg/mm^2$.

A.I. Tselikov's method /Ref 3/ was used for determining the contact area, taking into account the ovality of the billet. The mean specific pressures are given in a table (Table 2). It was stated that for alloy steel the mean specific pressure is 10-14 kg/mm, and for carbon steel it reaches 7.5-12 kg/mm, which matches the data obtained in other investigations /Refs 1, 4 and 5/. The following conclusions were drawn: 1) In the two piercing mills studied the pressure was 33-92 ton, which is not high for this type of mills. In rolling

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