

L 60966-65

ACCESSION NR: AP5019014

ENCLOSURE: 01

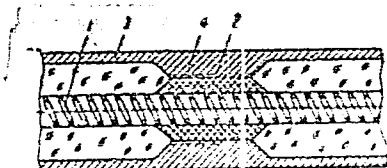


Fig. 1. Traveling-wave tube

- 1 - Helical delay system;
- 2 - attenuator; 3 - metal envelope; 4 - projection.

Card 2/2

KUKLEV, Yu.I.

Determination of the region of the negative depression coefficient
in traveling-wave tubes at small signal parameters. Radiotekh. i
elektron. 10 no.6:1157-1159 Je '65. (MIRA 18#6)

DOZORTSEV, R.N.; KUKLEV, Yu.M.

Using the data of gas logging in the study of the gas and oil potentials
of Carboniferous sediments in the Perm Province portion of the Kama
Valley. Gaz.prom. 10 no.5:10-14 '65.

(MIRA 18:6)

KURIGVA, M.

Store takes special orders. Obshchestv. pit. no.5:8 My '58.
(MIRA 11:4)

1. Nachal'nik otдела obshchestvennogo pitaniya Ministerstva trgovli
Tatarskoy ASSR.
(Kazan--Delicatessen)

KOROTKEVICH, A.V.; RYKOVA, L.I.; LOBANOV, N.I., kand.khim.nauk,
spetsred.; KUKLEVA, Z., red.; POLONSKIY, S., tekhn.red.

[Manual on wine chemistry] Rukovodstvo po khimii vina. Pod
obshchei red. L.I.RykovoI. Kishinev, Gos.izd-vo Moldavii
"Kartia Moldoveniaske," 1960. 393 p. (MIRA 14:1)
(Wine and wine making--Analysis)

S/887/61/000/000/024/069
E073/E183

AUTHORS: Gurvich A.K., and Kukli A.S.

TITLE: Probe for an ultrasonic flaw detector.
A.c. no.107280; cl.42k, 20 (no.562149 of December 6,1956)

SOURCE: Sbornik izobreteniy; ul'trazvuk i yego primeneniye.
Kom. po delam izobr. i otkrytiy. Moscow, Tsentr. byuro
tekhn. inform., 1961, 35-36.

TEXT: A probe for the ultrasonic flaw detection of butt- and fillet welds, which ensures constancy of the traversing time of an ultrasonic pulse into the probe head and of the distance from the radiation center to the front face of the probe. Whilst the entry angle of the ultrasonic beam into the tested material is varied, continuously and automatically, the above quantities remain constant. This is achieved as follows: the ultrasonic radiation source with a concave radiation-emitting surface which ensures the focusing of the ultrasonic rays, is fixed onto a flap which is rocked by a cam mechanism. The flap pivot is made to coincide with the bottom of the probe body in such a way that, for any position of the radiation source, its focus passes through the flap pivot.

Card 1/4

Probe for an ultrasonic flaw detector S/887/61/000/000/024/069
E073/E183

The cam profile is chosen to ensure a uniform rate of beam entry angle variation. The probe (Fig.28) consists of a body made of "perspex" (transparent acrylic plastic) filled with a liquid in which the ultrasound propagates. Inside the body a piezoelectric emitter is mounted on the pivoted flap. The focus of the concave plate of the piezoelectric emitter coincides with the axis of the pivoted flap. The rocking movement of the pivoted flap, actuated by the cam mechanism, leads to a continuous automatic variation of the entry angle of the ultrasonic beam. The mechanism with the special profile cam maintains the following condition:

$$\frac{d\alpha}{dt} = \frac{d}{dt} \arcsin \left(\frac{C_m}{C_l} \sin \beta \right) = \text{const.}$$

where: α - entry angle of the beam into the tested material;
 β - angle of incidence of the ultrasonic beam; C_m - velocity of ultrasound in the tested material; C_l - velocity of ultrasound in the liquid which fills the probe body; t - time of passage of the ultrasonic pulse. Maintenance of this condition ensures the fulfilment of the necessary variation of the angle of incidence β
Card 2/4

Probe for an ultrasonic flaw detector S/887/61/000/000/024/069
E073/E183

of the ultrasonic beam such that the rate of change of the entry angle α of the ultrasonic beam into the tested material remains constant.
There is 1 figure.

[Abstracter's note: Complete translation.]

Fig. 28. General view of the ultrasonic probe;

- 1 - vessel made of "perapex";
- 2 - liquid;
- 3 - radiation-emitter;
- 4 - pivoted flap;
- 5 - shaft;
- 6 - pointer;
- 7 - cam;
- 8 - spring.

Card 3/4

KUKLI, A.S., inzh.

New ultrasonic UZD-NIIM-5 flaw detectors. Svar. proizv. no.2:
35-36 F '65. (MIRA 18:2)

KUKLI, A.S.

In the Commission on the Quality Control of Welds and Hard
Faced Parts. Avtom. svar. 17 no.7:94-95 J1 '64.

(MIRA 17:8)

EXP(s)/TWP(k)/BWT(j)/T/SWP(1)/SWP(w)/TWP(u) ...
IN NR AP5005069 S/0135 00 000 002,0035,0038

24
21
13

AUTHOR: Kukli, A. S. (Engineer)

TITLE: New ultrasound flaw detectors of the UZD-NUM-5 type

... svarochnoye proizvodstvo, no. 2, 1985, 35-36

TOPIC TAGS: flawmeter, portable flawmeter, direct reading flawmeter, weld seam, flaw detector

ABSTRACT: The article briefly describes three new ultrasonic flaw detectors. The defectoscope was developed for the discovery of internal flaws (inclusions, gas porosity, etc.) in weld seams. Defects with a diameter of 0.5 mm and a depth of 1 mm were detected. The defectoscope is used for the on-by-trayor study of weld seams. During the 1983-1984 period the author worked in the ...
... knowledge ... methods ...

operates at 2.5 Mc, weighs 9 kg, and is 280x240x180 mm in size. It connects to the 220 v

Card 1/2

L 39397-65

ACCESSION NR: AP6005061

power supply and uses 14 direct and inclined probes. The DUK-13IM is all transistorized, and is 250x230x100 mm in size. It can produce 2.5 and 1.5 Mc signals and has a portable 12 v storage battery power supply (4.5 kg). Current consumption does not exceed 1.5 amps. Orders must be submitted to the Upravleniye priborostroyeniya (Instrument production board) "Sojuzglavelektro" at the Gosplan SSSR (Moscow, Pokrovskiy bul'var, 3) with a copy to the factory "Elektrochpribor" (Kishinev, ul. Mayakovskogo, 44). Orig. art. has: 2 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, G²

NO REF SOV: 000

OTHER: 000

Name: KUKLIK, A.

Dissertation: Scanning systems for recording and telemetry of electrical values

Degree: Cand Tech Sci

Affiliation: Min Higher Education USSR, Moscow Order of Lenin Power Institute imeni V. M. Molotov

Defense Date, Place: 1956, Moscow

Source: Knizhnaya Letopis', No 1, 1957

L 22376-66 ENT(M) DIAAP

ACC NR: AP6009366

SOURCE CODE: CZ/0055/65/015/011/0824/0831

AUTHOR: Maly, L.; Flajner, Z.; Dragoun, O.; Kuklik, A.; Bocev, B.

ORG: Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez

TITLE: Radioactive decay of Re¹⁸⁸ 73
70
5

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 11, 1965, 824-831

TOPIC TAGS: radioactive decay, radiation spectrum, photoelectron, conversion electron spectrum, electron structure, nuclear radiation spectrometer, radioisotope, rhenium, gamma transition

ABSTRACT: The spectra of neg tons, conversion electrons, and photoelectrons have been measured with the iron-collar double-focusing spectrometer. Two β -groups with end-point energies of 2128 and 1973 keV and $\lg f$ values of 8.04 and 8.41 were observed. The K and L conversion coefficients of the 155.0-keV transition were found to be nearly in agreement with theory. Three new γ -transitions, 635, 1175, and 1461 keV were observed, and some corrections of the decay scheme were made. The possible interpretation of the excited states are discussed. The partial results of this paper were presented at the Annual Nuclear Spectroscopy Conference, Dubna, June 1964. At this conference,

Card 1/2 2

L 22376-66

ACC NR: AP6009366

3

the authors were told about the work on the same isotope done by the Soviet group. Because this information was incomplete, it was not included in the list of references. A paper has since been published (V. D. Vitman, N. A. Vionova, B. S. Dzhelepov, Yadernaya fizika, 1, 1965, 191). Besides the three new γ -transitions observed in the present paper, the seven additional γ -transitions are reported, and several energies in the two papers in question are slightly different. The authors thank M. Burianek, V. Kopriva, and F. Prazak for their assistance in this work. Orig. art. has: 7 figures and 2 tables. [Based on author's abstract]

[NT]

SUB CODE: 20/

SUBM DATE: 21Apr65/

ORIG REF: 003/

OTH REF: 017/ SOV REF: 002

Card 2/2 nat

KUKLIK, B.; PIDERMANN, B

Long-distance signaling of defects in unattended transformers stations. p.401

ENERGETIKA. (Ministerstvo energetik y a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia
Vol.5, no.4, Apr. 1955

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
Nov.1959
Uncl.

ZHULEK, B.; PIDEKMANI, A.

"Remote-control signalization and measuring in steam conduits."

p. 227 (Energetika, Vol. 6, no. 6, June 1958, Praha, Czechoslovakia)

Month Index of East European Accessions (JEEA) IC, Vol. 7, No. 9, September 1948.

STIRSKY, P.; KUKLIK, B.

Calculation of the dynamics of a drum separator for
noncontinuous models of analog computers. Bul ENI
no. 2:31-35 '64.

L 30920-66 EWI(m)/I

ACC NR: AP6022918

SOURCE CODE: CZ/0038/66/000/001/0022/0022

AUTHOR: Kuklik, Bohuslav

87
B

ORG: Power Research Institute, Prague (Vyzkumny ustav energeticky)

TITLE: Analysis of a gas flow control circuit monitored by an analog computer

SOURCE: JADERNA ENERIE, no. 1, 1966, 22

TOPIC TAGS: analog computer, control circuit, gas flow, flow analysis, nuclear electric power plant, computer program

ABSTRACT: The article is an abstract of the author's reprot No 1, dated 28 Feb 65, forming a part of Research Contract No 45-63-338/I. The article is published in Czech and in English. The control circuit for the gas flow in the first Czech nuclear power station A1 is discussed. A computer program was worked out, and it is expected that a model will be erected to be controlled by a computer in the evaluation of the circuit. The information will be used for start-up operation of the full-size control circuit. [Orig. art. in Eng.] [JPRS]

SUB CODE: 10, 09, 18, 20 / SUBM DATE: none

Card 1/1 C.C.

UDC: 621.039.56

0915

10991

KUKLIK, B.

Modeling the retardation on analog computers. Bul EGU
no. 2:21-27 '64.

KUKLIK, Bohuslav; DRAHNY, Milos; STIRSKY, Pavel

Methods of calculation on analog computers. Jaderna energie 10
no.7:253 J1'64

1. Research Institute of Power Engineering, Prague.

PIRSKY, Pavel; KUKLIK, Bohuslav

Bypass station control. Jaderna energie 10 no.7a253-254 J1964

1. Research Institute of Power Engineering, Prague.

STIRSKY, Pavel; KUKLIK, Bohuslav; BORSKY, Milan

Determination of the thermal shock in the primary pipeline of the A 1 nuclear power station. Jaderna energie 10 no. 5: 171 My '64.

Calculation of the optimum thickness of the main gas pipe lining of the A 1 nuclear power station. Ibid.:171-172

1. Research Institute of Power Engineering, Prague.

Z/038/62/000/009/001/003
IO37/I242

AUTHOR: Kuklik, Bohuslav

TITLE: Nuclear reactor simulator

PERIODICAL: Jaderná Energie, no.9, 1962, 301-306

TEXT: Analogue computers are required for solving the differential equations describing the kinetics of the reactor. They can be replaced by simpler computers, the simulators, which are based on the similarity of their dynamic properties to those of the reactor. To every physical quantity such as flux, reactivity, etc., corresponds an electrical property such as potential, current, etc., in the simulator. The most important part of the simulator, the amplifier, is described. Two designs of a simu-

Card 1/2

Z/038/62/000/009/001/003
I037/I242

Nuclear reactor simulator

lator are given. In the first design the reactivity is given in the form of resistance values. In the second design, based on deviation determination, reactivity is presented in voltage form. In the second design an electronic multiplier has to be added. For solving the problems of nuclear power station, besides the dynamics of the reactor, the dynamics of the other installations and circuits are of importance. The primary and the secondary circuits of the power plant can be modelled and solved on a differential analyzer. There are 7 figures and 2 tables. ✓

ASSOCIATION: Výzkumný ústav energetický (Energy Research Institute)
Prague

Card 2/2

L 47468-66 EWT(d)/EWT(1)/EWP(v)/T-2/EWP(k)/EWP(h)/EWP(1) WW

ACC NR: AP6029067

SOURCE CODE: UR/0413/66/000/014/0122/0123

INVENTOR: Dobrolyubov, S. A.; Kuklik, L. F.; Zakharevich, A. T.

ORG: none

TITLE: Three way control valve. ²⁷ Class 46, No. 184066 [announced by the Smolensk branch of Scientific Research Institute of Heat and Power Instrument Construction (Smolenskiy Filial Nauchno-issledovatel'skogo instituta teploenergeticheskogo priboro-stroyeniya)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 122-123

TOPIC TAGS: control valve, three way control valve, flow distribution, three way valve, valve

ABSTRACT: The proposed three-way control ¹⁴valve for the proportional distribution of a flow or for mixing two flows with different temperature gradients has a locking element consisting of four sealing edges, interacting with the corresponding fitting bands of the casing seats (see Fig. 1). In order to compensate for the static and dynamic unbalance of the locking element, the latter is made in a form of a hollow cylinder with two bands, joined together by the contour profile of the sealing edges: openings for the main

Card 1/2

UDC: 621.646.23: 621.43

L 47468-66

ACC NR: AP6029067

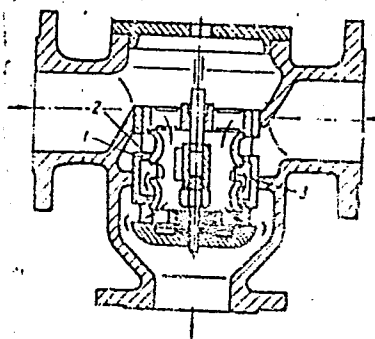


Fig. 1. Three way valve
1 -
1 - Sealing edges; 2 - fitting
band; 3 - openings.

supply of the flow to be separated or the drain for the mixed flows are located between the sealing edges. Orig. art has: 1 figure. [AV]

SUB CODE: 13/ SUBM DATE: 30Jan65/

Cord 2/2 mjc

KUKLIK, M.S.

MOGILEVA, Anna Mikhaylovna; KUKLIK, M.S., otvetstvennyy redaktor;
PROTOPOPOV, V.S., redaktor; BRAININA, M.I., tekhnicheskii redaktor

[Weather and grasses] Pogoda i travy. Leningrad, Gidrometeor.
izd-vo, 1957. 57 p. (MIRA 10:7)
(Grasses)

KUPLIK V.

1953 Carrying out of surge tests, particularly on transformers. M. KONDRA, J. KOSCHER AND V. KUCHEL. *Elektronika* 1953, 1, 1-4. (Czech.)

After describing the various methods of surge detection during surge tests, the applicability of the methods for various operating conditions, the results obtained by oscillographic detection methods are compared on the basis of published data and special tests. The tests were performed on a 100 kVA

220/40-111 kV transformer with an aluminum winding, a 10 MVA, 11-8/51 kV autotransformer and a 25 MVA, 100/23/6-3 kV transformer with tap-changing load; in the tests the methods of current measurement in the neutral point, the other phases and the current flowing from the tank were applied. Experience gained in surge tests developed for 220 kV transformers now being manufactured in Czechoslovakia is also described and information is given on the oscillographs, surge generators and pick-up circuits used.

6. 0205

B7

KUKLIK, V.

The balancing of rotating equipment.

p. 315 (Elektrotechnik) Vol. 12, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1958

KUKLIK, Vaclav, inz.

Control of short-coil winding. Elektrotechnik 17 no.1:7-9
Ja '62.

1. Zavody V. I. Lenina, Plzen.

1. KUKLIN, A.
2. USSR(600)
4. Horse Breeding
7. Work experience of outstanding people in the field of horse breeding,
Konevodstvo 22 no. 10 1952

9. Monthly List of Russian Accessions, Library of Congress. February 1953. Unclassified.

KUKLIN, A. (gorod Barnaul).

Some simple chemical experiments. Khim.v shkole no.6:55-57 II-D '53.
(MIRA 6:11)
(Chemistry--Experiments)

KUKLIN, A. (g. Barnaul)

Apparatus for observing the solubility of acetylene in acetone.
Khim. v shkole 14 no.1:89 Ja-F '59. (MIRA 12:2)
(Solubility)

KUKLIN, A. A. Prof.

"Cool and Cold Air Baths in the Health Resort Climatic Treatment of
Tuberculosis," Sov. Med., No.5, 1949

Inst. of Climatotherapy of Tuberculosis

KUKLIN, A.A.

Problems in resort climatological prophylaxis. Vop.kur.fizioter. 1
lech.fiz.kul't. 23 no.3:193-195 My-Je '58 (MIRA 11:7)

1. Iz sanatoriya "Gornoye sointse" v Yalte (glavnyy vrach A.P. Orlov).
(CLIMATOLOGY, MEDICAL)
(MEDICINE, PREVENTIVE)

SANIN, B.P.; KUKLIN, A.D. [deceased]

Characteristics of the distribution and relation with complex metals of the fluorite mineralization in one of the fields of eastern Transbaikalia. Izv.vys.ucheb.zav.; geol.i razv 5 no.6:79-84 Ja '62. (MIRA 15:7)

1. Nerchinskoye rudoupravleniye Chitinskogo sovmarkhoza.
(Transbaikalia--Fluorite)

ROGOZHIN, Ye.A.; KOSAREV, N.D., inzh.; BABETS, Yu.; STORCHAK, K.; TERESHCHENKO, N.L., burovzryvnik; MAKAROV, V.M.; BRAUN, P.P.; KUKLIN, A.D.

Reader's letters. Bezop.truda v prom. 4 no.12:36-37 D '60.

(MIRA 14:1)

1. Gornotekhnicheskij inspektor upravleniya Groznenskogo okruga Gosgortekhnadzora RSFSR (for Rogzhin). 2. Rudnik im. Gubkina. (for Kosarev). 3. Glavnyy inzhener shakhty "Krasnolimanskaya" tresta Krasnoarmeyskugol' (for Storchak). 5. Uchastok No.15-16 Krasnodarvzryvproma (for Tereshchenko). 6. Glavnyy inzhener shakhty "Baydayevskiye uklony" (for Makarov). 7. Zaveduyushchiy zdravpunktom shakhty "Baydayevskiye uklony" (for Braun). 8. Zamestitel' glavnogo inzhenera po tekhnike bezopasnosti tresta Kazzoloto (for Kuklin).

(Industrial safety)

KUKLIN, A. I.

25739, KUKLIN, A. I. Skorostnoe provedenie ulrabortok na shakhtakh Donbassa. Ugol', 1949, No. 8, 5. 29-31.

SO: Lethopis' Zhurnal' nykh Statey, Vol. 34, Moskva, 1949

KUKLIN, A., inzhener.

Shaft sinking by the method of freezing. Mast. ugl. 5 no. 6:9-11
Je '56. (MIRA 9:8)
(Shaft sinking)

KUKLIN, A. I., Cand Tech Sci -- (diss) "Investigation of certain problems
of sinking shafts by means of freezing." [Mos], 1958. 15 pp (All-Union
Correspondence Polytechnic Inst, Inst of Geol Sci, Acad Sci Belorussian
SSR), 100 copies (KL, 18-58, 99)

KUKLIN, A.I., inzh.

Some factors which have an effect on the radius of rock freezing.
Shakht. stroi. no.3:25-27 '58. (MIRA 11:3)
(Shaft sinking) (Frozen ground)

KUKLIN, A.I.; BAKAKIN, V.P.

Petroleum products storage in the Far North. Neft. khoz. 42
no.11:49-54 N '64 (MIRA 18:2)

MOROZOV, YU.V.; BAZHULINA, N.P.; IVANOV, V.I.; KARPEVSKIY, M.Ya.;
KUKLIN, A.I.

Optic and luminescent properties of vitamin B₂ and its derivatives.
Biofizika 10 no.4:595-601 '65. (MIRA 18:8)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii
AN SSSR, Moskva.

KUKLIN, A. K.

Agriculture & Plant & Animal Industry.

From the history of a village. Novosibirskoe obl. gos. izd-vo, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

Country : USSR
Category: Cultivated Plants. Grains.

M

Jour: RZhBiol., No 22, 1958, No 100237

Author : Kuklin, A.K.

Inst : -

Title : Relation of the Yield of Spring Wheat Varieties to Sowing Dates in the System of Soil Tillage According to T. S. Mal'tsev.

Orig Pub: S. kh. Sibiri, 1957, No 2, 36-44.

Abstract: Two regionally adapted varieties of spring wheat - Al'bidum 3700 and Mil'turum 553 - have been tested since 1953 on Oyashinskiy varieties plot in Novosibirskaya oblast'. On fallow which underwent deep subsoil plowing, it is best to sow Mil'turum 553 variety which is more

Card : 1/2

M-25

Country : USSR

M

~~APPROVED FOR RELEASE: 08/23/2000~~

CIA-RDP86-00513R000927310011-7

Jour: RZhBiol., No 22, 1958, No 100237

responsive to superior agricultural techniques. Inasmuch as this variety is late maturing, the sowing should be carried out during early periods. The faster maturing Al'bidum 3700 may be sown later. It is expedient to sow this variety on fields which have undergone the surface tillage according to Mal'tsevs method, - where the pre-sowing cultivation and destruction of weeds are necessary. -- G.N. Chornov

Card : 2/2

KUKLIN, A. K., Cand Agr Sci -- "Reaction of the spring-wheat
varieties of
to norms of ~~varieties on~~ *and duration of* ~~the sowing standards and the sowing duration~~ *in the forest steppe*

of
In Novosibirskaya Oblast ~~forest and steppe region.~~ Mos,

1961. (Mos Order of Lenin Agri Acad im K. A. Timiryazev)

(KL, 8-61, 254)

80570

SOV/169-59-7-6896

3.5000

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 7, pp 60 - 61 (USSR)

AUTHOR: Kuklin, A.K.

TITLE: A Method for Investigating and Evaluating the Data From Electrical Recording the Wind Wave Disturbance

PERIODICAL: Tr. Vost.-Sib. fil. AS USSR, 1958, Nr 8, pp 115 - 132

ABSTRACT: The author describes an electric ondograph, the function of which is based on the electrical conductivity of fresh water. The device was examined on the Lake Baikal in 1953 - 1954. The appliance comprise: An electric bridge with a wave meter staff and with supply leaders; a generator feeding the bridge circuit; an alternating-current amplifier, a rectifier, a recording gear (galvanometer oscillograph), and a time marker. The maximum recorded height of the waves depends merely on the length of the winding of the ondometer staff. The resistance of the staff winding is one of the arms of an out-of-balance bridge of alternating current. The current intensity depends on the height of the wave. The amplification of the signal ✓

Card 1/2

80570

SOV/169-59-7-6896

A Method for Investigating and Evaluating the Data From Electrical Recording
the Wind Wave Disturbance

power is performed by the amplifier. The constant component is singled out by the rectifier having a capacitance filter. The design, the functioning, and the calibration of the device are described. The measuring accuracy is limited by ± 2.5 cm. The method of evaluating the measurements is briefly described: the method of the horizontal sections is proposed. Data on the frequency of the wave levels and a graph of the frequency of the wave levels and the wave heights are added. The rectilinearity of the characteristic of the electric ondograph facilitates the evaluation of the oscillograms, permits the transition to true-to-scale recording of waves, and guarantees the scale control by the marks of the control sections. The following values can be recorded simultaneously: the wind velocity and the profiles of the wave undulation, the near-bottom pressures, and the dynamical shocks of waves against the constructions. When applying a relay, the recording proceeds automatically.

V.M. Lifshits

Card 2/2

KAKLIN, A. K.

Kaklin, A. K., Measurement of deep-water waves by radio-wave-gram, Tr. Vost.-Sib. fil. AN SSSR (Works of the East Siberian Affiliate, Academy of Sciences USSR), No 15, 1958, p 27-37; (RZhGEog 9/59-25851)

GRECHISHCHEV, Ye.K.; KUKLIN, A.K.

Bottom wave pressure near shore structures in water logged soil.
Trudy Vost.-Sib.fil.AN SSSR no.10:29-47 '59. (MIRA 13:4)
(Baikal, Lake--Waves)

KUKLIN, A.K.

Continuous recording of winds and waves on Lake Baikal. Trudy
Okean.kom. 8:170-178 '61. (MIRA 14:5)

1. Institut geologii Vostochno-Sibirskogo filiala AN SSSR.
(Baikal, Lake--Winds) (Baikal, Lake--waves)
(Oceanographic instruments)

L 5221-66 EWP(a)/EWT(1)/EEG(k)-2 GW

ACC NR: AP5024409

SOURCE CODE: UR/0286/65/000/015/0088/0088

AUTHOR: Kuklin, A. K.
52

ORG: none

TITLE: A radio-measuring unit of columnated waves. Class 42, No. 173431

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 88

TOPIC TAGS: wave analyzer, measuring instrument, radio transmitter, wind meter

ABSTRACT: This Author Certificate presents a measuring unit with a radio transmitter for measuring water waves columnated by height. The unit contains an electric contact pick-up, pulse unit, wind speed gauge, and automatic unit for switching on the measuring unit, a flashing light, a radio transmitter, and a power source (see Fig. 1). To reduce the effect of the secondary waves in the basic disturbance system on the result of the processed information, an intermittent selector is connected in series with the pulse unit. To increase the useful life of the electric power source, the automatic unit for switching on the measuring unit is an electrode, connected in series with an electric contact clock, mounted on the measuring unit at a given elevation above the static water level.

Card 1/2

UDC: 629.1.05: 654.94
0791 1261

L 5221-66

ACC NR: AP5024409

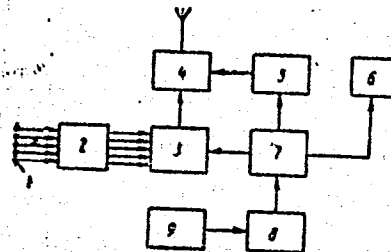


Fig. 1. 1- electrodes of the pick-up; 2- pulse unit; 3- intermittent selector; 4- radio transmitter; 5- wind speed gauge; 6- flashing light; 7- electric power source; 8- electric contact clock; 9- automatic unit for switching on the measuring unit

Orig. art. has: 1 figure,

SUB CODE: EC, ES/ SUBM DATE: 18Feb63

OC
Card 2/2

KUKLIN, A. M.

Demonstration of the basic properties of explosive substances.
Khim.v shkole 14 no.4:48-53 J1-Ag '59. (MIRA 12:11)

1. Oblastnoy Institut usovershenstvovaniya uchiteley (IUU),
g.Barnaul, Altayskiy kray.
(Chemistry--Experiments) (Explosives)

KUKLIN, A.M.

Some experiments with capron. Khim. v. shkole 15 no.2:44-45 Mr-Apr
'60. .. (MIRA 14'5)

1. Altayskiy Institut usovershenstvovaniya uchiteley.
(Nylon)

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Mining Engineering

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PROGNIMAK, Dmitriy Yakovlevich; ~~KUKLIN~~ Boris Konstantinovich; SHUSHKOV-
SKAYA, Ye.L., redaktor izdatel'stva; VINOGRADOVA, G.V., redaktor
izdatel'stva; IL'INSKAYA, G.M., tekhnicheskiy redaktor

[Working Donets Basin coal beds through inclined winzes to lateral
or group drifts] Opyt razrabotki ugol'nykh plastov Donbassa cherez
nakhlonnyye gezenki na polevye ili gruppovye shtreki. Moskva, Ugle-
tekhnizdat, 1956. 38 p.

(Donets Basin--Coal mines and mining)

(MLBA 9:10)

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1. Donetskii ugol'nyy institut (for Kuklin, Zel'vyanskiy).
2. Shakhta No.1-2 "Gor'skaya" (for Dan'ko).
(Donets Basin--Coal mines and mining)

KUKLIN, B.K., gornyy inzhener; PROGNIK, D.Ya., gornyy inzhener.

Working Donets Basin coal seams with inclined winzes. Ugel' 31
no.7:10-16 J1 '56. (MLRA 9:9) "

1. Denetskiy ugel'nyy institut.
(Donets Basin--Coal mines and mining)

KUKLIN, B.K., inzh.; Prinimali uchastiye: TARATUTA, N.K., gornyy inzh.;
ZEL'VYANSKIY, A.Sh., gornyy inzh.; BAKHEIN, A.F., gornyy inzh.;
BONDARENKO, Ye.D., gornyy inzh.; FILIMONOV, A.F., gornyy inzh.
SOCHINSKIY, V.P., otv.red.; KHODNEVA, I.V., red.izd-va;
IL'INSKAYA, G.M., tekhn.red.; BOLDYREVA, Z.A., tekhn.red.

[Selection of mining systems for flat Donets Basin seams] Vybory
sistem razrabotki dlia pologikh plastov Donbassa. Moskva, Gos.
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1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Stalinskogo sovnarkhoza (for Pyasetskiy). 2. Nachal'nik sektora Donetskogo ugol'nogo instituta (for Kuklin). (Stalino Province---Coal mines and mining)

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Experimental application of efficient mining systems in mines
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20-24 Je '60. (MIRA 13:7)

1. Donetskij ugol'nyy institut (for Kuklin, Tekuchev). 2. Trest
Salidovugol' (for Morozov). 3. Donetskij politekhnicheskij
institut (for Lipkovich).
(Stalino Province--Coal mines and mining)

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NING SYSTEMS WHICH PROVIDE FOR INCREASED LOAD IN HAU-
LAGE ^{workings} MINING UNDER CONDITIONS OF THE SLOPING BEDS OF THE
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KUKLIN, B.K.; ~~pr~~inimali uchastiye: ZEL'VYANSKIY, A.Sh., gornyy inzh.;
BAKHTIN, A.F., gornyy inzh.; FILIMONOV, A.F., gornyy inzh.; TARA-
TUTA, N.K., gornyy inzh.; BONDARENKO, Ye.D., gornyy inzh.; NEYEN-
BURG, V.Ye., kand. tekhn. nauk, otv. red.; NURMUKHAMEDOVA, V.F.,
red. izd-va; LOMILINA, L.N., tekhn. red.

[Analyzing the methods of mining flat seams in the Donets Basin]
Analiz sistem razrabotki pologikh plastov Donbassa. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 415 p.
(MIRA 14:6)

(Donets Basin--Coal mines and mining)

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Response to P.S.Podkolzin's article "Methods of mining coal beds in the Donets Basin." Ugol' Ukr. 5 no.7:40-43 JI '61.

(MIRA 15:1)

1. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Kuklin).
2. Khar'kovskiy gornyy institut (for Lopukhin).
(Donets Basin--Coal mines and mining) (Podkolzin, P.S.)

KUKLIN, B.K., inzh.

Method of technical and economic analysis of the systems for
mining single flat seams in the Donets Basin. Sbor. DonUGI
no. 21:36-88 '61.

(MIRA 15:6)

(Mining engineering)

MEDYANTSEV, A.N., kand. tekhn.nauk; KUKLIN, B.K., kand. tekhn.
nauk; FILIMONOV, A.F., inzh.; BAKHTIN, A.F., inzh.;
SHUSHKOV, A.M., inzh.; SINYUGIN, V.M., inzh.; CHERNYAYEV,
V.I., inzh.; BEYLIN, V.Ya., inzh.; ZEL'VYANSKIY, A.Sh.,
inzh.; ZHIZLOV, N.I., otv. red.

[Selecting systems of multiple-horizon mining of flat seams
in the Donets Basin] Vybor skhem sovместnoi razrabotki po-
logikh plastov Donbassa. Moskva, Gosgortekhnizdat, 1963. 106 p.
(MIRA 17:5)

1. Donetsk. Donetskii nauchno-issledovatel'skiy ugol'nyy in-
stitut. 2. Donetskii nauchno-issledovatel'skiy ugol'nyy institut
(for Kuklin). 3. Ukrainskiy filial Vsesoyuznogo nauchno-
issledovatel'skogo marksheyderskogo instituta (for Medyantsev).

NEKHOROSHEV, A.I.; KUKLIN, B.K., kand.tekhn.nauk; TEKUCHEV, N.F., inzh.

Improving systems of working flat seams of the Ukrainian Donets Basin. Ugol' Ukr. 7 no.6:5-8 Je '63. (MIRA 16:8)

1. Donetskii nauchno-issledovatel'skiy ugol'nyy institut. 2. Nachal'nik tekhnicheskogo otdela Donetskogo soveta narodnogo khozyaystva (for Nekhoroshev).

ACC NR: AR6020927

SOURCE CODE: UR/0196/66/000/002/E005/E006

AUTHOR: Baramboym, N. K.; Moryakov, V. Ya; Kuklin, E. D.

TITLE: Investigation of electroconducting hydrophilic polymer films

SOURCE: Ref. zh. Elektrotekhn i energ, Abs. 2B26

REF SOURCE: Nauch. tr. Mosk. tekhnol. in-t legkoy prom-sti, vyp. 31, 1965, 67-72

TOPIC TAGS: microelectronic thin film, polymer physical property, polyvinyl alcohol

ABSTRACT: The properties of films made from polyvinyl alcohol filled with colloidal graphite have been studied. The resistivity of these films is minimal when the graphite content is 70%. The degree of intumescence, tearing strength, and elongation monotonously decrease while relative viscosity increases, when the graphite content increases. Introduction of a plasticizer (glycerin) tends to increase the film resistivity. The extremal dependence of the electric conductivity on the degree of fill and the concentration of source solution is connected with structural changes in the graphite lattice distributed in the polymer. Four figures..One Table. Bibliography of 3 titles. L. Zybov [Translation of abstract]

SUB CODE: 09, 07

Card 1/1

UDC: 621.315.5

KUKLIN, G.

D.I. Shcherbakov's book "The depths of the ocean." Reviewed
by G. Kuklin. Vop. geog. no.62:213-214 '63.
(MIRA 17:3)

KURLIN, G.N.

Variability of currents in the ocean and their relation to atmospheric processes. Trudy TSIP no. 142:40-50 '65.

(MIRA 18:10)

KUKLIN, G.N.

Variability of currents in the ocean and their relation to
atmospheric processes. Okeanologiya 4 no.5:914-915 '64
(MIRA 18:1)

L 38796-66 INT(1)/PCU CW

ACC NR: AT6006573

(N)

SOURCE CODE: UR/2546/65/000/142/0040/0050

21
B+1

AUTHOR: Kuklin, G. N.

ORG: none

TITLE: Ocean current variability and its relation to atmospheric processes

SOURCE: Moscow. Tsentral'nyy institut prognozov. Trudy, no. 142, 1965. Morskiy prognozy i raschety (Marine forecasts and calculations); materialy Vsesoyuznogo soveshchaniya, noyabr' 1963 g., 40-50

TOPIC TAGS: ocean dynamics, ocean current. atmospheric pressure, wind velocity

ABSTRACT: Nonperiodic ocean current changes were investigated on the basis of observations made in the Atlantic and Pacific Oceans and the application of the Chebyshev polynomial expansion to atmospheric pressure processes. Data collected in the Atlantic, Pacific, and Indian Oceans by the vessels Mikhail Lomonosov, Voyeykov, and Shikal'sky indicated that the upper layers of the oceanic currents are affected by the tradewinds, that the Cromwell current in the Pacific Ocean is of a compensation type, and that an increase in wind velocity causes an increase in the velocity of the upper current layers. The study shows that 1) the current regime of the equatorial zone of the Atlantic Ocean is similar to that of the Pacific Ocean; 2) constant tradewinds cause the ocean's surface to incline from west to east; 3) part of the water moving from the west sinks

Card 1/2

L 33796-66

ACC NR: AT6006573

to a considerable depth and then moves rapidly toward the eastern coast line; 4) strong current layers at depths of 100-300 m. exhibit maximum direction stability and velocity; 5) oscillations of 72 hr duration observed in the Atlantic, Pacific and Indian Oceans are probably stimulated by the nonperiodic atmospheric processes. Orig. art. has: 4 figures, 2 tables, 2 formulas.

SUB CODE: 08,04/

SUBM DATE: none/

ORIG REF: 008/

OTH REF: 001

Card 2/2 P

ISTOSHIN, Yu.V.; KUKLIN, G.N.

Pacific Ocean currents in the equatorial zone. Meteor. i gidrol.,
no. 11:28-32 N '62. (MIRA 15:12)

1. Tsentral'nyy institut prognozov.
(Pacific Ocean—Ocean currents)

VIHOGRADOV, N.K., insh.; ~~KUKLIN~~, G.Y. (Ufa)

Easy starting of IAAZ-204 motors. Stroi. truboprov. 5 no.12:17-18
D '60.

(MIRA 13:12)

(Diesel engines—Cold weather operation)

KAVERIN, A.A.; KUKLIN, G.; KUPO, I.D.

Observations of Mrkos' comet (1955e) at Irkutsk. Astron. tsir.
no.162:10-11 Ag '55. (MLRA 9:5)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya gosudar-
stvennogo universiteta imeni A.A. Zhdanova.
(Comets--1955)

KAVERIN, A.A.; KUKLIN, G.V.

Observations in Irkutsk of the solar eclips. December 14, 1955.
Astron. tsir. no. 166:3 Ja '56. (MIRA 9:7)

1. Irkutskaya astronomicheskaya observatoriya Gosu. univ. imeni A.A. Zhdanova.
(Eclipses, Solar--1955)

KUKLIN, G. (Irkutsk)

Lunar occultation of stars observed in Irkutsk. Astron. zhirk.
no.167:30 F '56. (Occultations) (MLRA 9:9)

KUKLIN, G.V.; BRYZGALOVA, Ye.A.; YEL'TSOV, L.M.

Observations of the partial lunar eclipse of November 29, 1955
at the Irkutsk Observatory. Astron.tsirk. no.168:19-21 '56.

(MLRA 9:8)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya gosudar-
stvennogo universiteta imeni A.A. Zhdanova.
(Eclipses, Lunar--1955)

100
KAVERIN, A.A.; KUKLIN, G.V.; YEGORCHENKO, I.F.; CHERNYKH, N.S.

Observations of the partial lunar eclipse of May 24, 1956, in
Irkutsk. Astron. tsir. no. 172:14-18 Ag '56. (MLRA 10:1)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya gosudarstvennogo universiteta imeni A.A. Zhdanova.
(Eclipses, Lunar—1956)

KUKLIN, G.V.(Irkutsk).

Observing lunar occultations of stars in Irkutsk. Astron. tsir .
no.172:21 Ag '56. (MIRA 10:1)
(Occultations)

KUKLIN, G.V. (Irkutsk)

Observing lunar occultations of stars in Irkutsk. Astron.tsirk.
no.174:21 N '56. (MIRA 10:3)
(Occultations)

KUKLIN, G.V. (g. Irkutsk)

Lunar occultation of stars observed in Irkutsk. Astron. tsir. no.177:
21 F '57. (MIRA 10:6)

(Occultations)

KUKLIN, G.V.

Observations of Arend-Roland's comet (1956 h) in Irkutsk.
Astron. tsir. no.180:8-9 My '57. (MIRA 13:4)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya.
(Comets--1956)

KAVERIN, A.A.; KUKLIN, G.G.; CHERNYKH, M.S.; CHERNYKH, L.I.

Observations of the transit of Mercury across the sun's disk
on May 6, 1957, in Irkutsk. Astron. tsir. no.181:16-17 Je '57.
(MIRA 13:3)

1.Irkutskaya gorodskaya astronomicheskaya observatoriya Gosularstvennogo
universiteta im. Zhdanova.

(Mercury (Planet), Transit of)

KUKLIN, G.V.

Observations of Mars in 1956 in Irkutsk. Astron. tsir. no.181:17-20
Je '57. (MIRA 13:3)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya.
(Mars (Planet))

KUKLIN, G. V.

Changes in the mass of β Lyrae. Astron. tsir. no. 182:8-9 Je '57.
(MIRA II:3)

1. Irkutskaya gorodskaya astronomicheskaya observatoriya.
(Stars, Variable)

KUKLIN, G.V. (Irkutsk).

Observations of lunar occultations of stars in Irkutsk. Astron. tsir.
no. 183:21-22 J1 '57. (MJRA 11:3)

(Occultations)

KUKLIN, G.V.

Observations of the total lunar eclipse of November 7, 1957. Astron.
tsir. no.186:11-13 N '57. (MIRA 11:4)
(Eclipses, Lunar--1957)

KUKLIN, G.V.

KULAGIN, S.G.; KOVBASYUK, L.D.; DAGAYEV, M.M.; ROZENBLYUM, N.D.; YEMORCHENKO, I.P. (Irkutsk); KAVERIN, A.A. (Irkutsk); KONSTANTINOVA, T.G. (Irkutsk); KUKLINA, V.A. (Irkutsk); KUKLIN, G.V. (Irkutsk); SAZONOVA, Z.G., (Irkutsk); CHSENYKH, L.I. (Irkutsk); GRESNYKH, N.S. (Irkutsk); DEMIDOVICH, Ye.G.; BRONSHTEN, V.A.; YAKHONTOVA, N.S. (Leningrad); PEROVA, N.B.; DOKUCHAYEVA, O.D.; KATASEV, L.A.; KLYAKOZKO, N.A.; PARENAGO, P.P.; SECHERBINA-SAMOTLOVA, I.S.; MASEVICH, A.G.; RYABOV, Yu.A.; SHCHEGLOV, V.P.; PEREL', Yu.G.; MARTINOV, D.Ya.; FEDYNSKIY, V.V.; VORONTSOV-VKL'YAMINOV, B.A.; ZIGEN', P.Yu.; BAKULIN, P.I., otv.rsd.; RAKHLIN, I.Ye., red.; AKHLAMOV, S.N., tekhn.red.

[Astronomical calendar] Astronomicheskii kalendar'. [A yearbook; variable section for 1959] Ezhegodnik. Pevemennais chast', 1959. Red.kollektiva P.I. Bakulin i dr. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1958. 370 p. (Vsesoyuznoe astronomo-geodezicheskoe obshchestvo, no.62) (MIRA 12:2)

1. Gosudarstvennoye astronomo-geodezicheskoye obshchestvo (for Kulagin, Kovbasyuk, Demidovich). 2. Moskovskoyz otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva (for Dagayev, Rozenblyum, BronshTEN, Perova).

(Astronomy--Yearbooks)

SOV/35-59-9-6987

Translation from: Referativnyy zhurnal, Astronomiya i Geodesiya, 1959, Nr 9, p 15 (USSR)

AUTHOR: Kuklin, G.V.

TITLE: Observations of Star Occultations by the Moon at the Irkutsk Magneto-Ionosphere Station

PERIODICAL: Astron. tsirkulyar, 1958, October 16, Nr 196, p 18

ABSTRACT: Eight moments of occultation, recorded by the chromosphere telescopes in 1958, are cited.

Card 1/1

KUKLIN, G.B. (Irkutsk)

Occultation of Regulus by Venus on July 7, 1959. Astron. tsir.
no.197:19 N '58. (MIRA 12:7)
(Occultations)

KULAGIN, S.G.; KOVBASYUK, L.D.; DAGAYEV, M.M.; LAZAREVSKIY, V.S.; KAVERIN, A.A.; KUKLIN, G.V.; CHERNYKH, N.S.; DEMIDOVICH, Ye.G.; BRONSHTEN, V.A.; YAKHONTOVA, N.S. (Leningrad); PEROVA, N.B.; DOKUCHAYEVA, O.D.; KATASEV, L.A.; MASEVICH, A.G.; SHCHERBINA-SAMOYLOVA, I.S.; ARSENT'YEV, V.V.; FRANK-KAMENETSKIY, D.A.; LEYKIN, G.A.; SHCHEGLOV, P.V.; PEREL', Yu.G.; BAKULIN, P.I., *otv.red.*; MASEVICH, A.G., *red.*; PARENAGO, P.P., *red.*; RAKHLIN, I.Ye., *red.*; AKHLAMOV, S.N., *tekh.red.*

[Astronomical calendar. A yearbook; variable section for 1959]
Astronomicheskii kalendar'. Ezhegodnik. Peremennaya chast',
1960. Red.kollegia P.I.Bakulin i dr. Moskva, Gos.izd-vo fiziko-
matem.lit-ry, 1959. 351 p. (Vsesoiuznoe astronomo-geodezicheskoe
obshchestvo, no.63) (MIRA 13:1)

1. Gosudarstvennoye astronomo-geodezicheskoye obshchestvo (GAGO)
(for Kulagin, Korbasyuk, Lazarevskiy, Demidovich). 2. Moskovskoye
otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva
(MOVAGO) (for Dagayev, Bronshten, Perova).
(Astronomy--Yearbooks)

KUKLIN, G.V.

Observations of lunar occultations of stars at the Irkutsk Magneto-Ionospheric Station. Astron. tsir. no.199:28 Ja '59.
(MIRA 13:2)

1.Irkutskaya magnitno-ionosfernaya stantsiya.
(Occultations)

KUKLIN, G.

Observations of lunar occultations of stars at the Irkutsk Magnetic-Ionosphere Station. Astron.tsir. no.205:26-27 0 '59. (MIRA 13:6)

1. Irkutskaya magnitno-ionosfernaya stantsiya.
(Occultations)

KUKLIN, G.V.; SMOL'KOV, G.Ya.; SHILINA, G. I.

Observations of the partial lunar eclipse of March 24, 1959, at the
Irkutsk Magneto-Ionospheric Station. Astron. tsir. no.208:9-11 Ja '60.
(MIRA 13:11)

1. Irkutskaya magnitno-ionosfernaya stantsiya.
(Eclipses, Lunar--1959)

KUKLIN, G.V.

Obsefvation of lunar occultation of stars at the Irkutsk Magneto-
Ionosphere Station. Astron. tsir. no.210:33 Ap '60. (MIRA 13:9)
(Occultations)

KUKLIN, G.V.; KHANZHIN, A.G.

Observation of lunar eclipses in Dairen. Astron.tsir. no.211:12-13
My '60. (MIRA 13:10)

(Eclipses, Lunar)