ACCESSION NR: AR4015660 S/0081/63/000/021/0318/0319

SOURCE: RZh. Khimiya, Abs. 21L47

AUTHOR: Ivashentsev, Ya. I.

TITLE: The chlorination of ilmenite concentrate

CITED SOURCE: Tr. Tomskogo un-ta, v. 154, 1962, 56-62

TOPIC TAGS: ilmenite, ilmenite concentrate, ilmenite chlorination, titanium recovery, iron recovery

ABSTRACT: This study concerned the chlorination of ilmenite with hydrogen chloride, CCl_4 vapors, a mixture of Cl_2 and CCl_4 vapors, or chlorine, acting on ilmenite and coal (2:1) at 400-700C. It was proven that relatively pure $FeCl_3$ and essentially iron-free concentrates of TiO_2 are obtained when ilmenite is exposed to the effects of HCl at 600-700C. It was shown that 99.20-99.80% of Ti and 99.16-99.75% of Fe are recovered in the form of the chlorides when ilmenite is chlorinated with CCl_4 vapors, a mixture of Cl_2 and CCl_4, or chlorine (on briquets) at 600-700C. When the briquets are exposed to the effects of chlorine at 700C, the reaction proceeds rapidly; during its initial half hour the recovery of $TiFe_3O_6$ reaches 95%, while the remaining balance of the concentrate distills slowly. The

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ACCESSION NR: AR4015660

experimental data obtained will be used in developing a basis for technological procedures for the chlorination of ilmenite. Author's summary.

DATE ACQ: 09Dec63 SUB CODE: ML, CH ENCL: 00

Card 2/2

ACCESSION NR: AR4015661 S/0081/63/000/021/0319/0319

SOURCE: RZh. Khimiya, Abs. 21L48

AUTHOR: Ivashentsev, Ya. I.; Akhmezova, N. A.

TITLE: Breakdown of ilmenite concentrate in a stream of dissociated ammonium chloride

CITED SOURCE: Tr. Tomskogo un-ta, v. 154, 1962, 184-188

TOPIC TAGS: ilmenite, ilmenite concentrate, anhydrous ferric chloride, titanium concentrate, ilmenite concentrate breakdown

ABSTRACT: The authors studied the breakdown of 2 specimens of ilmenite concentrate when heated (400-800C) in a stream of dissociated NH_4Cl. It was established that $FeCl_3$ ($FeCl_2$), as well as TiO_2, can be isolated in relatively pure form when ilmenite concentrate is subjected to the action of dissociated NH_4Cl at 600C or above. Authors' summary.

DATE ACQ: 09Dec63 SUB CODE: ML, CH ENCL: 00

Card 1/1

L 12771-66 EWT(d)

ACC NR: AP6002947 SOURCE CODE: UR/0286/65/000/024/0109/0109

INVENTOR: Ivashentsev, V. A.

ORG: none

TITLE: Transistorized modulator with unipolar emitter-collector junction control. Class 42, No. 177182

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 109

TOPIC TAGS: modulator, transistor modulator, unipolar junction control

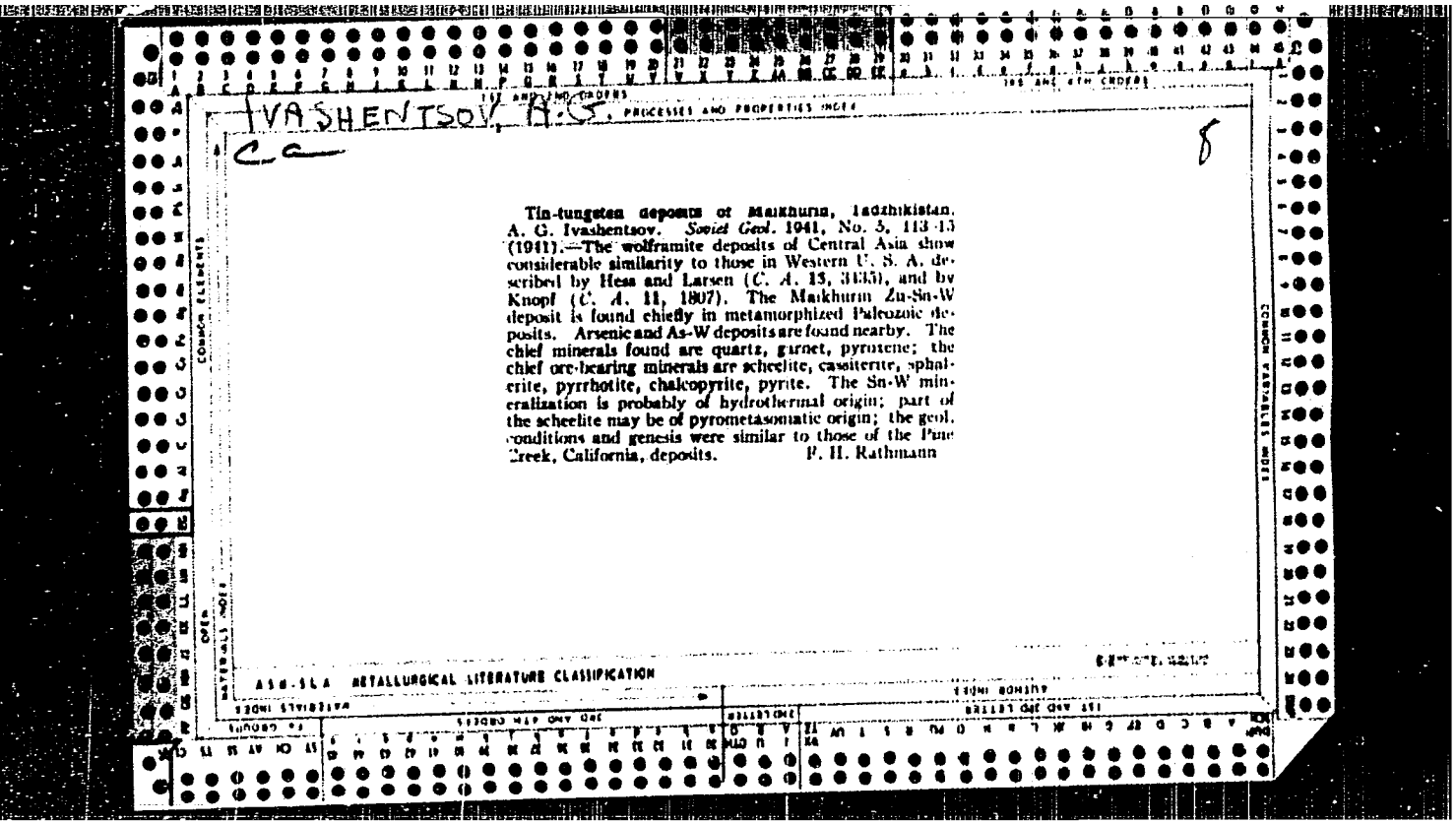
ABSTRACT: A transistorized modulator with unipolar emitter-collector junction control is introduced. It consists of a transistor switch, diodes, resistors, and a switching transformer. To reduce both the residual current when the transistor switch is closed and the temperature variation, a resistor is connected between the base of the switch and the first secondary winding lead of the switching transformer; an additional transistor switch is connected between the base and the second lead.

[JR]

SUB CODE: 09/ SUBM DATE: 22Oct64/ ATD PRESS: 4184

Card 1/1 HW

UDC: 681.142



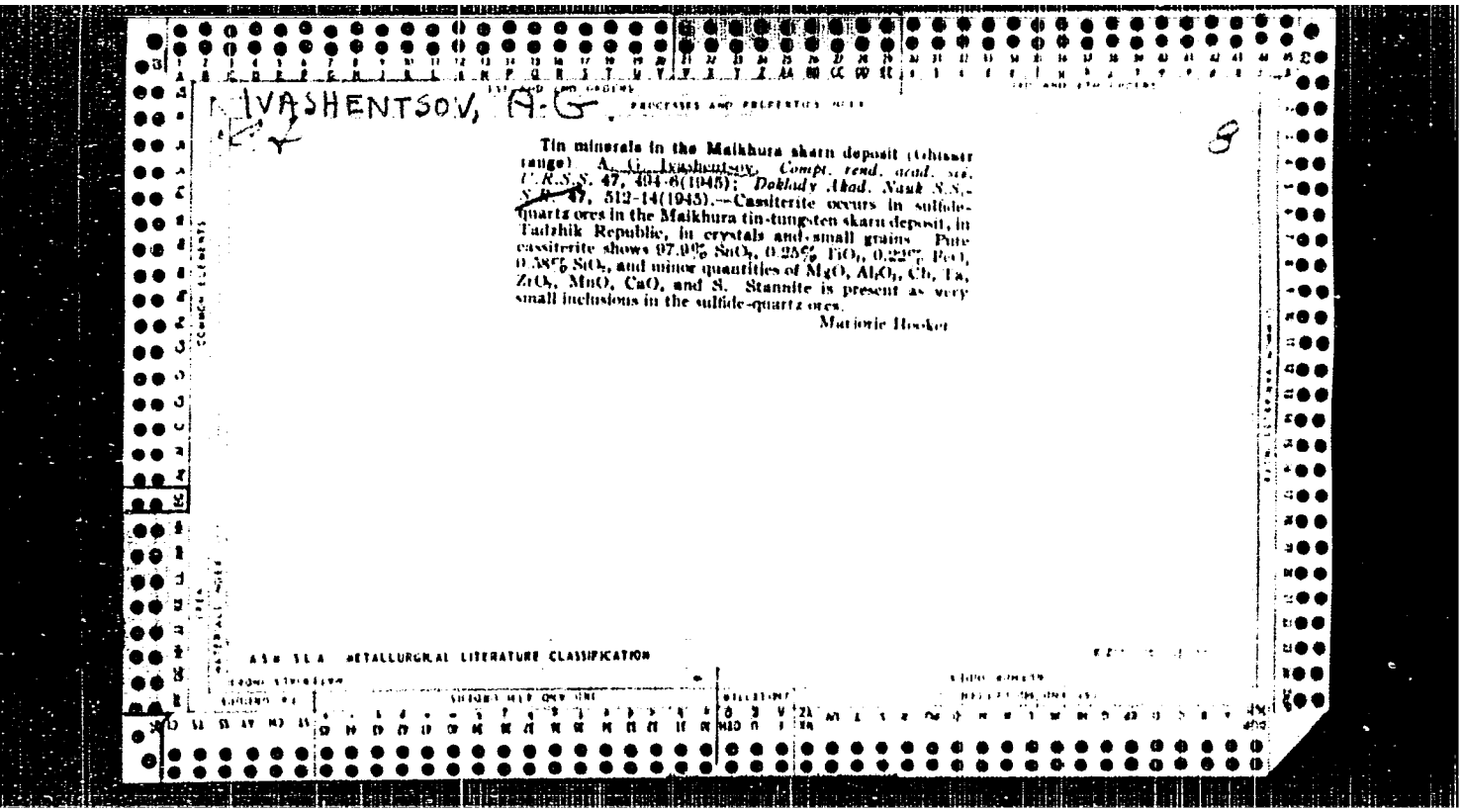
IVASHENTSOV, A.G.

Ca

8

Tin-tungsten deposits of Maikhura, Tadzhikistan. A. G. Ivashentsov. *Soviet Geol.* 1941, No. 5, 113-15 (1941).—The wolframite deposits of Central Asia show considerable similarity to those in Western U. S. A. described by Hess and Larsen (*C. A.* 15, 3855), and by Knopf (*C. A.* 11, 1807). The Maikhura Zn-Sn-W deposit is found chiefly in metamorphized Paleozoic deposits. Arsenic and As-W deposits are found nearby. The chief minerals found are quartz, garnet, pyroxene; the chief ore-bearing minerals are scheelite, cassiterite, sphalerite, pyrrhotite, chalcopyrite, pyrite. The Sn-W mineralization is probably of hydrothermal origin; part of the scheelite may be of pyrometasomatic origin; the geol. conditions and genesis were similar to those of the Pine Creek, California, deposits. P. H. Rathmann

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



IVASHENTSOV, A.G.

Tin minerals in the Maikhura skarn deposit (Ghissar range) A. G. Ivashentsov. *Compt. rend. acad. sci. U.R.S.S.* 47, 404-6(1945); *Doklady Akad. Nauk S.S.S.R.* 47, 512-14(1945).—Cassiterite occurs in sulfide-quartz ores in the Maikhura tin-tungsten skarn deposit, in Tadzhik Republic, in crystals and small grains. Pure cassiterite shows 97.0% SnO_2, 0.25% TiO_2, 0.22% FeO, 0.38% SiO, and minor quantities of MgO, Al_2O_3, Cb, Ta, ZrO, MnO, CaO, and S. Stannite is present as very small inclusions in the sulfide-quartz ores.

Marjorie Hooker

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

1. IVASHENTSOV, A. G.

2. USSR (600)

4. Tin - Khait District

7. Report on the work of the Khait prospecting party for 1944. (Abstract.) Izv. Glav. upr. geol. fon. no. 2, 1947.

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

IVASHENTSOV, A.G.

Tin-tungsten mineralization in skarn formations of the Varzob River. Sov.geol. no.14-15:90-102 '47. (MLRA 8:8)
(Varzob Valley--Tin ores) (Varzob Valley--Tungsten ores)

IVASHENTSOV, G. A.

A course in acute communicable diseases. 5. izd. Pod red. M. D. Tushinskogo i V. A. Bashenina. Moskva, Medgiz, 1943. 466 p.

DAFM

1. Communicable diseases - Text-books.
I. Tushingskii, M. D., ed.

IVASHENTSOV, G. A.

A course in acute communicable diseases. 6. izd. Pod red. M. D. Tushinskogo i dr. Leningrad Medgiz, 1948. 455 p.

DAFM

1. Communicable diseases. I. Tushinskii, M. D., ed.

IVASHENTSOV, G.A.

[Course on acute infectious diseases] Kurs ostrykh infektsionnykh boleznei. 7. izd. Pod red. G.A. Ivashentsova [i dr.] Leningrad, Medgiz, 1951. 526 p. (MLRA 7:6)
(Communicable diseases)

STARODUBTSEV, S.V., otv. red.; ABDULLAYEV, A.A., kand. fiz.-mat. nauk, red.; ABDURASULOV, D.M., doktor med. nauk, red.; ARIFOV, U.A., akad., red.; BORODULINA, A.A., kand. biol. nauk, red.; IVASHEV, V.N., red.; IKRAMOVA, G.S., red.; KIV, A.Ye., red.; LOBANOV, Ye.M., kand. fiz.-mat. nauk, red.; NIKOLAYEV, A.I., kand. med. nauk, red.; NISHANOV, D., kand. khim. nauk, red.; SADYKOV, A.S., akad., red.; TALANIN, Yu.N., kand. fiz.-mat. nauk, red.; TURAKULOV, Ya.Kh., doktor biol. nauk, red.; GAYSINSKAYA, I.G., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Transactions of the Conference on the Peaceful Uses of Atomic Energy held at Tashkent in 1959] Trudy Konferentsii po mirnomu ispol'zovaniiu atomnoi energii, Tashkent, 1959. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, Vol.1. 1961. 410 p. (MIRA 14:9)

1. Konferentsiya po mirnomu ispol'zovaniyu atomnoy energii. 2. Institut yadernoy fiziki AN Uzbekskoy SSR (for Starodubtsev, Arifov). 3. Institut fiziki AN Uzbekskoy SSR (for Abdullayev). 4. Chlen-korrespondent AN SSSR i AN Uzbekskoy SSR (for Sadykov).
(Atomic energy--Congresses)

IVASHEV, V.N.

Subharmonic oscillations in electric circuits containing iron-core inductors. Dokl. AN Uz. SSR no.6:11-14 '57. (MIRA 11:5)

1. Institut energetiki i avtomatiki AN UzSSR. Predstavleno akademikom AN UzSSR Kh.F. Fazylovym.
(Electric circuits)

IVASHEV, V.N., inzh.; SHARGORODSKIY, V.L., inzh.

Dynamic overvoltage in 35 kv. networks. Elek. sta. 29 no.7:58-60 Jl '58. (MIRA 11:10)
(Electric networks) (Overvoltage)

IVASHEV, V.N.

Subharmonic oscillations in a circuit containing a coil with an iron core described by the equation Izv.AN Uz.SSR.Ser.tekh.nauk no.2:27-31 '59. (MIRA 12:7)

1. Institut yadernoi fiziki AN UzSSR.
(Oscillations)

IVASHEV, V.N.

Measuring the momentary values of flow of materials in pneumatic transportation. Dokl.AN Uz.SSR no.8:14-17 '59. (MIRA 12:11)

1. Institut yadernoy fiziki. Predstavleno akademikom AN UzSSR. S.V.Starodubtsevym.
(Pneumatic tube transportation)

IVANOV, V.N.

LATYSHEV, G.D.

PHASE I BOOK EXPLOITATION SOV/5410

Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii, Tashkent, 1959.

Trudy (Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy) v. 2. Tashkent, Izd-vo AN UzSSR, 1960. 449 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk Uzbekskoy SSR.

Responsible Ed.: S. V. Starodubtsev, Academician, Academy of Sciences Uzbek SSR. Editorial Board: A. A. Abdullayev, Candidate of Physics and Mathematics; D. M. Abdurasulov, Doctor of Medical Sciences; U. A. Arifov, Academician, Academy of Sciences Uzbek SSR; A. A. Borodulina, Candidate of Biological Sciences; V. N. Ivashev; G. S. Ikramova; A. Ye. Kiv; Ye. M. Lobanov, Candidate of Physics and Mathematics; A. I. Nikolayev, Candidate of Medical Sciences; D. Nishanov, Candidate of Chemical Sciences; A. S. Sadykov, Corresponding Member, Academy of Sciences USSR, Academician, Academy of Sciences Uzbek SSR; Yu. N. Talanin,

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Transactions of the Tashkent (Cont.) SOV/5410

Candidate of Physics and Mathematics; Ya. Kh. Turakulov, Doctor of Biological Sciences. Ed.: R. I. Khamidov; Tech. Ed.: A. G. Babakhanova.

PURPOSE : The publication is intended for scientific workers and specialists employed in enterprises where radioactive isotopes and nuclear radiation are used for research in chemical, geological, and technological fields.

COVERAGE: This collection of 133 articles represents the second volume of the Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy. The individual articles deal with a wide range of problems in the field of nuclear radiation, including: production and chemical analysis of radioactive isotopes; investigation of the kinetics of chemical reactions by means of isotopes; application of spectral analysis for the manufacturing of radioactive preparations; radioactive methods for determining the content of elements in the rocks; and an analysis of methods for obtaining pure substances. Certain

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instruments used, such as automatic regulators, flowmeters, level gauges, and high-sensitivity gamma-relays, are described. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

RADIOACTIVE ISOTOPES AND NUCLEAR RADIATION IN ENGINEERING AND GEOLOGY

Lobanov, Ye. M. [Institut yadernoy fiziki UzSSR - Institute of Nuclear Physics AS UzSSR]. Application of Radioactive Isotopes and Nuclear Radiation in Uzbekistan 7

Taksar, I. M., and V. A. Yanushkovskiy [Institut fiziki AN Latv SSR - Institute of Physics AS Latvian SSR]. Problems of the Typification of Automatic-Control Apparatus Based on the Use of Radioactive Isotopes 9

Transactions of the Tashkent (Cont.) SOV/5410

Zhernovoy, A. I., and G. D. Latyshev [Institut yadernoy fiziki AN KazSSR - Institute of Nuclear Physics AS KazSSR]. Magnetic Fluid Flowmeter 17

Zhernovoy, A. I., and G. D. Latyshev [Institute of Nuclear Physics AS KazSSR]. Use of a Nuclear Magnetic Resonance for Determining the Actual Volume of a Stream of Fluid at a Pipe Section With a Variable Diameter 20

Borukhov, M. Yu., and V. N. Ivashev [Institute of Nuclear Physics AS UzSSR]. The Problem of Measuring the Instantaneous Values of the Flow of Materials Transported by Pneumatic or Hydraulic Means 22

Borukhov, M. Yu., A. T. Lebedev, and U. Akbarov [Institute of Nuclear Physics AS UzSSR]. Principle of Automation of a Two-Stage Cycle of Ore Crushing and Classification 25

Card 4/20

TURAKULOV, Ya.Kh., doktor biolog. nauk, otv. red.; ABDULLAYEV, A.A., kand. fiz.-mat. nauk, red.; ABDUMASULOV, D.M., doktor med. nauk, red.; ARIFOV, U.A., akademik, red.; BORODULINA, A.A., kand. biol. nauk, red.; IVASHEV, V.N., red.; IKRAMOVA, G.S., red.; KIV, A.Y., red.; LOBANOV, Ye.M., kand.fiz.-mat. nauk, red.; NIKOLAYEV, A.I., kand. med. nauk, red.; NISHANOV, D., kand. khim. nauk, red.; SADYKOV, A.S., akademik, red.; STARODUBTSEV, S.V., akademik, red.; TALANIN, Yu.N., kand. fiz.-mat. nauk, red.; GORKOVOY, P.I., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Transactions of the Tashkent Conference on Peaceful Uses of Atomic Energy] Trudy Tashkentskoy konferentsii po mirnomu ispol'zovaniiu atomnoi energii, Tashkent, 1959. Vol.3. 1961. 501 p. (MIRA 15:3)

1. Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii, Tashkent, 1959. 2. Akademiya nauk Uzbekskoy SSR (for Arifov, Sadykov, Starodubtsev).

(Atomic energy--Congresses)

STARODUBTSEV, S.V., akad., otv. red.; ABDULLAYEV, A.A., kand. fiz.-mat. nauk, red.; ABDURASULOV, D.M., doktor med. nauk, red.; ARIFOV, U.A., akad., red.; BORODULINA, A.A., kand. biol. nauk, red.; IVASHEV, V.N., red.; IKRAMOVA, G.S., red.; KIV, A.Ye., red.; LOBANOV, Ye.M., kand. fiz.-mat. nauk, red.; NIKOLAYEV, A.I., kand. med. nauk, red.; NISHANOV, D., kand. khim. nauk, red.; SADYKOV, A.S., akad., red.; TALANIN, Yu.N., kand. fiz.-mat. nauk, red.; TURAKULOV, Ya.Kh., doktor biol. nauk, red.; GAYSINSKAYA, I.G., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Transactions of the Tashkent Conference on the Peaseful Uses of Atomic Energy] Trudy Tashkentskoy konferentsii po mirnomu ispol'zovaniiu atomnoi energii, 1959. Tashkent, Izd-vo Akad.nauk Uzbekskoi SSR. Vol.1. 1961. 410 p. (MIRA 15:5)

1. Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii, Tashkent, 1959. 2. Akademiya nauk Uzbekskoy SSSR (for Starodubtsev, Arifov, Sadykov). 3. Chlen-korrespondent Akademii nauk SSSR (for Sadykov). 4. Institut yadernoy fiziki Akademii nauk Uzbekskoy SSR (for Arifof, Lobanov). 5. Institut krayevoy eksperimental'noy meditsiny Akademii nauk Uzbekskoy SSR (for Turakulov).

(Atomic energy--Congresses)

IVASHEV, V. N., TSOY, T. G., BORUKHOV, M. Yu., and BAKULTUK, A. P.

"New Types of Radioactive Isotope Relays and Level Gauges"

paper presented at the All-Union Seminar on the Application of Radioactive Isotopes in Measurements and Instrument Building, Frunze (Kirgiz SSR), June 1961)

So: Atomnaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

B/271/63/000/003/005/049
A060/A126

AUTHORS: Borukhov, M.Yu., Vakulyuk, A.P., Ivashev, V.N., Tsoy, T.G.

TITLE: New types of radio-isotope relays and level indicators

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya tekhnika, no. 3, 1963, 28, abstract 3A153 (In collection "Vopr. sovrem. fiz. i matem.", Tashkent, AN UzSSR, 1962, 65 - 77)

TEXT: The paper describes new relay networks developed at the AN UzSSR, which make it possible to extend considerably the domain of relay application, in particular giving the means for determining the deviation of a parameter in either direction from a specified value, for maintaining a prespecified relationship between engineering parameters, and so on. The authors analyze the operation of a differential radio-isotope relay and a three-position relay. A mathematical designing method is given for the operation of a network for the case of controlling the thickness of a material and which permits of finding the minimum activity for the radiation source ensuring the reliable operation of the radio-isotope relay thickness deviations of the material exceeding the ad-

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New types of radio-isotope relays and level indicators S/271/63/000/003/005/049
A060/A126

missible values. A network is described of a radio-isotope multi-position level-indicator distinguished by the fact that, regardless of the number of positions, it has only two amplifier channels located in a single electron tube. The reduction in the number of amplifier channels became possible through the inclusion in the instrument of a stepping switch operating in the stepper mode. On both sides of the vessel in which the level of the contained medium is being measured at every interval of probable values of the level, radioactive sources and counters are set up opposite to each other. The stepping action of the relays is continued until a difference is discovered in the degree of irradiation of two neighboring receivers. A sharp difference in the degree of irradiation of two adjacent receivers is observed in the case when the level of the filling medium is between these receivers. The difference in the signals causes the operation of the relay connected between the plates of a DC bridge rectifier. There are 5 figures.

A. V.

[Abstracter's note: Complete translation]

Card 2/2

IVASHEV, V.N.

Critical values of parameters of subharmonic vibrations.
Izv.AN Uz.SSR. Ser.tekh.nauk no.4:5-15 '62. (MIRA 15:7)

1. Institut energetiki i avtomatiki AN UzSSR.
(Vibration)

ACCESSION NR: AR4042153 S/0196/64/000/005/A012/A012

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 5A89

AUTHOR: Ivashev, V. N.

TITLE: Subharmonic oscillations in multiloop electrical systems

CITED SOURCE: Sb. dokl. Tashkentsk. politekhn. in-t, no. 3, 1963, 59-65

TOPIC TAGS: subharmonic oscillation, multiloop electrical system, nonlinear circuit, nonlinear multiloop circuit

TRANSLATION: By the method of harmonic balance are analyzed stationary subharmonic oscillations of order 1/3 in a nonlinear 2-loop circuit with capacitive coupling between loops. The magnetic characteristics of the ferromagnetic element are approximated by the cubic polynominal $i=a\varphi+a\varphi^3$. The particular case of a 1-loop system is considered. One illustration.

SUB CODE: EC ENCL: 00

Card 1/1

ACCESSION NR: AR4042154 S/0196/64/000/005/A012/A012

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 5A90

AUTHOR: Ivashev, V. N.

TITLE: Power relationships of subharmonic oscillations

CITED SOURCE: Sb. dokl. Tashkentsk. politekhn. in-t, no. 3, 1963, 66-71

TOPIC TAGS: subharmonic oscillation, periodic regime, oscillation loop, capacitance, nonlinear inductance

TRANSLATION: Periodic regimes in an oscillation loop formed by series connection of an active resistance, capacitance and nonlinear inductance are studied. A comparatively simple formula for the capacity of conversion from the basic frequency to subharmonic is obtained on the assumption that the dependence between current i and flow of ferromagnetic element Phi is well approximated by the cubic binomial $i=a\varphi+b\varphi^3$, and flow consists of a harmonic of the frequency

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ACCESSION NR: AR4042154

of coercive force and a subharmonic of the 3rd order. Analysis of the formula is conducted and maximum capacity of conversion is calculated with change of the flow of the basic harmonic and constancy of parameters of the circuit. Bibliography: 3 reference.

SUB CODE: GP, EC ENCL: 00

Card 2/2

IVASHEV, V.N.

Using frequency methods for calculating the stability of subharmonic oscillations. Izv.AN Uz.SSR.Ser.tekh.nauk 7 no.2:17-26 '63. (MIRA 16:4)

1. Institut energetiki i avtomatiki AN UzSSR.
(Oscillations)

IVASHEV, V.N.

Subharmonic oscillations in multistream electric systems. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.5:5-15 '63. (MIRA 17:2)

1. Institut yadernoy fiziki AN UzSSR.

IVASHEV, V.N.

Oscillations in systems with ferromagnetic coupling. Part 1. Izv. AN Uz.SSR. Ser.fiz.-mat.nauk 9 no.3:48-56 '65. (MIRA 19:1)

1. Institut yadernoy fiziki AN UzSSR. Submitted July 4, 1964.

S/081/62/000/004/036/087
B156/B138

AUTHORS: Borukhov, M. Yu., Ivashev, V. Ts., Kleymenov, V. F.

TITLE: A sensing element for the continuous measurement of small deviations in liquid solution concentration using radioactive radiation

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1962, 314, abstract 41205 (Sb. "Radioakt. izotopy i yadern. izlucheniya v nar. kh-ve SSSR. v. I". M., Gostoptekhizdat, 1961, 253 - 256)

TEXT: The sensitive element of this instrument for sensing small deviations in concentration, in which a temperature correction is automatically introduced, consists of a hydrometer and a thermometer in one unit (i. e., the hydrometer tube is filled with the thermometric liquid, mercury or alcohol). The parameters of the sensitive element are such that the linear values of the hydrometer immersion depth and the height to which the liquid has risen in the tube are equal over a wide range of temperatures. Consequently the height of the thermometric liquid above the level of the solution, in which the hydrometer is

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immersed, depends solely on the concentration of the solution. The radioactive isotope floats on the surface of the thermometric liquid, and its radiations are received by pulse counters connected to an [illegible] electronic unit. The output from the electronic unit is connected to the concentration indicator and a signal device. The measurement system may be of relay or proportional type, depending on the number of counters and the way in which they are installed. An overflow is used to ensure that the the liquid being measured is at a constant level. Formulae are given for calculating the volume and weight of thermometric liquid. [Abstracter's note: Complete translation.]

IVASHEV, V. V.

Technology

Repair of transformers, Moskva, Gosenergoizdat, 1950

2

9. Monthly List of Russian Accessions, Library of Congress, December 195[redacted], Uncl.

231T23

USSR/Electricity - Transmission Lines Oct 52
Transformers

"A Transformer for Capacitive Removal of Power From High-Voltage Transmission Lines," Docent V. Yu. Gessen, V. V. Ivashev, Engr, V. G. Kozhemyakin, L. D. Naumovskiy, Leningrad Affiliate of VIESKh (All-Union Inst of Electrification of RSFSR), LVS (Leningrad High-Voltage Network) Lenenergo (Leningrad Regional Elec Power Admin)

"Elektrichestvo" No 10, pp 25-31

Gives briefly the theory of capacitive removal of power from high-voltage transmission lines 231T23

as it applies when the lightning-protective cable is used for this purpose. Formulates requirements for a step-down transformer and describes design of a special transformer. Cites exptl data on the use of the special transformer in Lenenergo High-voltage network. Submitted 13 Nov 51.

231T23

IVASHEV, V. V.

IVASHEV, V.V., inzhener.

Mobile, small size laboratory for preventive testing of electrical equipment. (MLRA 6:10)
Energetik 3 no.5:17-18 O '53. (Electric laboratories)

IVASHEV, V.V.; RIVLIN, L.B., redaktor; ZABRODINA, A.A., tekhnicheskiy redaktor

[Repair of transformers] Remont transformatorov. Izd. 2. Moskva, Gos. energ. izd-vo, 1954. 239 p. (MLRA 7:10)
(Electric transformers--Repairing)

IVASHEV, Vasiliy Vasil'yevich; RIVLIN, L.B., red.; ZHITNIKOVA, O.S., tekhn.red.

[Repair of transformers] Remont transformatorov. Izd.3., perer. Moskva, Gos.energ.izd-vo, 1959. 363 p. (MIRA 13:5)

(Electric transformers--Maintenance and repair)

IVASHEV, V.V., inzh.; TSIREL', Ya.A., inzh.

Phasing of 110 to 220 kv. currents. Energetik 9 no.11:26-27 N '61. (MIRA 14:12)

(Electric power distribution)

GANELIN, G.M., inzh.; IVASHEV, V.V., inzh.

Restoration of defective ShT-35 insulators. Energetik 9 no.11:28-31 N '61. (MIRA 14:12)
(Electric insulators and insulation--Repairing)

IVASHEV, V.V., inzh; MIKHAYLOV, Yu.A., inzh.; KHALILOV, F.KH.; CHERNYAYEV, I.V., inzh.

Connection of automatic internal overvoltage reigsters to high-voltage networks. Izv. vys. ucheb. zav.; energ. 7 no.6: 8-15 Je '64 (MIRA 17:8)

1. Leningradskoye rayonnoye upravleniye energeticheskogo khozyaystva (for Ivashev). 2. Leningradskiy politekhnicheskiy institut imeni Kalinina (for Mikhaylov, Khalilov, Chernyayev). Predstavlena kafedroy tekhniki vysokikh napryazheniy.

IVASHEV, Ye.

KOLOKOLOV, N., brigadir kirpichnogo zavoda; YAZHGUNOVICH, P., gruzchik; IVASHEV, Ye., sortirovshchik; KALENIK, I., gruzchik; FLEGENTOV, N., sortirovshchik; MATNENKO, G., gruzchik; FEDOSENKO, L., rabotnitsa kirpichnogo zavoda.

Powerless shop committee. Sov.profsoiuzy 4 no.11:76-77 N '56. (MLRA 10:1)

(Lumbering)

USSR/Mathematics - Fourier Coefficients 1 Jan 52

"Fourier-Stieltjes Coefficients of Singular Functions," O. S. Ivashev-Musatov

"Dok Ak Nauk SSSR" Vol 82, No 1, pp 9-11

Establishes that subject coeffs c_n can possess the order $1/\sqrt{n}$, $1/\sqrt{n.\ln n}$, $1/\sqrt{n.\ln n.\ln\ln n}$, etc., where $c_n = \int_0^{2\pi} \exp(-inx)\, dF(x)$ (F is a continuous montonic singular function), besides the usual order $c_n = O(r(n)/\sqrt{n})$. Cf. Littlewood, Quart J Math 7, 219, 1936; Wiener and Wintner, Am J Math. 40, 513, 1938; Schaeffer, Am J Maths 61, 934, 1939; also Titchmarsh (translated into Russian, 1948). Submitted by Acad A. N. Kolmogorov 9 Nov 51.

230T71

IVASHEV-MUSATOV, O. S.

NAYMARK, M.A.; IVASHEV-MUSATOV, O.S., redaktor; MURASHOVA, N.Ya., tekhnicheskiy redaktor.

[Linear differential operators] Lineinye differentsial'nye operatory. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 351 p. (Differential equations, Linear) (Operators (Mathematics))

IVASHEV-MUSATOV, O.S.

Fourier -- Stieltjes coefficients of singular functions. Izv.AN SSSR.Ser.mat. 20 no.2:179-196 Mr-Ap '56. (MLRA 9:11)

1. Predstavleno akademikom A.N. Kolmogorovym.
(Functions, Continuous)

SUBJECT USSR/MATHEMATICS/Fourier series CARD 1/2 PG - 340
AUTHOR IVAŠEV-MUSATOV O.S.
TITLE On trigonometric zero series.
PERIODICAL Doklady Akad. Nauk 109, 438-441 (1956)
reviewed 10/1956

The author investigates the possible order of magnitude of the coefficients α_n of the trigonometric zero series

$$\sum_{n=-\infty}^{+\infty} \alpha_n e^{inx},$$

which almost everywhere converges to zero. By a modification of his earlier method (Doklady Akad. Nauk 82, 9 (1952)) the author obtains a very general estimation: If an arbitrary positive monotonely non-increasing function $\chi(y)$ is defined on the half line $y \geqslant 0$ and has the properties

1) $\psi(y) = \int_0^y \chi^2(\eta)d\eta \longrightarrow \infty$ for $y \longrightarrow \infty$

2) $y\chi^2(y) \longrightarrow 0$ for $y \longrightarrow \infty$

3) $y^{1+\varepsilon}\chi^2(y) \longrightarrow \infty$ for $y \longrightarrow \infty$ and arbitrary $\varepsilon > 0$

4) there exists a $m > \frac{1}{2}$ such that $y^m \chi(y)$ increases monotonely,

then always a trigonometric zero series can be constructed for which $\alpha_n = O(\chi(|n|))$. The proof bases on the lemma: On $[0,2\pi]$ there exists a continuous, monotonely non-decreasing function $F(x)$ which is constant on the neighbored intervals of a certain complete set of measure zero such that for its Fourier-Stieltje's transformation holds

$$\int_0^{2\pi} e^{-iyx} dF(x) = O(\chi(|y|)).$$

Besides, from this lemma the author concludes a theorem on the Fourier-Stieltje's transformation of a continuous, monotone and singular function which is defined on $-\infty < x < +\infty$.

INSTITUTION: Lomonossow University, Moscow.

IVASHEV-MUSATOV, O.S.

SUBJECT USSR/MATHEMATICS/Fourier series CARD 1/3 PG - 422
AUTHOR IVAŠEV-MUSATOV O.S.
TITLE On the Fourier-Stieltjes' coefficients of singular functions.
PERIODICAL Izvestija Akad. Nauk 20, 179-196 (1956)
reviewed 12/1956

Let $F(x)$ be a monotene singular function with almost everywhere vanishing derivative. Let its Fourier-Stieltjes' coefficients be

$$c_n = \int_0^{2\pi} e^{-inx}\, dF(x).$$

The author proves constructively that in a certain sense the series

$$\sum_{n=-\infty}^{+\infty} |c_n|^2$$

can diverge arbitrarily slow. By aid of numerous lemmas the following theorem is proved: Let the positive, monotonely decreasing and differentiable function $\chi(y)$ be defined on $y \geq 0$ and it satisfies the following conditions:

1. $\psi(y) = \int_0^y \chi^2(\eta)\, d\eta \to \infty$ for $y \to \infty$;

2. $y^{1+\varepsilon}\chi^2(y) \to \infty$ for $y \to \infty$ for all $\varepsilon > 0$;

3. $y\chi^2(y) \to 0$ for $y \to \infty$;

4. there exists a y_0 such that $\frac{\chi(y)}{\chi(\theta y)} \leq \theta^{3/4}$ for all $y > y_0$ and $0 < \theta < 1$.

Then on $[0, 2\pi]$ a continuous, monotonely non-decreasing and singular function $F(x)$ can be constructed such that

$$c_n = \int_0^{2\pi} e^{-inx}\, dF(x) = o(\chi(|n|)).$$

For the proof let $\chi_1(y) = \frac{\chi(y)}{\sqrt{\psi(y)+1}}$. For $y \to \infty$ the function

$$\psi_1(y) = \int_0^y \chi_1^2(\eta)\, d\eta = \int_0^y \frac{\chi^2(\eta)}{\psi(\eta)+1}\, d\eta = \ln[\psi(y)+1]$$

is monotonely increasing unlimitedly. There exists a function $\overline{\psi}(x)$ being

inverse to $\tilde{\psi}_1(y)$ which also on $x \geqslant 0$ increases from zero to infinity. Let

$$f(x) = \int_0^x \tilde{\psi}(\xi)\, d\xi .$$

Now the sought function $F(x)$ is constructed as follows:

$$F(x) = \lim_{n\to\infty} F_n(x)$$

where

$$F_n(x) = \int_0^x Q_n(\xi)\, d\xi , \qquad Q_n(x) = \prod \left[1+\cos f(d_k+x)\right]$$

and the sequence

$$d_1 < d_2 < d_3 < \ldots\ldots < d_k < \ldots\ldots$$

has to be increasing sufficiently quick.

IVASHEV-MUSATOV, O.S.

Trigonometric null-series. Dokl. AN SSSR 109 no.3:438-441 Jl '56.
(MLRA 9:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavleno akademikom A.N. Kolmogorovym.
(Fourier's series)

IVASHEV-MASATOV, O.S.

38-4-7/10

AUTHOR: IVASHEV - MUSATOV, O.S.

TITLE: On the Coefficients of the Trigonometric Null Series (O koeffitsiyentakh trigonometricheskikh nul'- ryadov).

PERIODICAL: Izvestiya Akad.Nauk Ser.Mat.,1957,Vol.21,Nr 4, pp.559-578(USSR)

ABSTRACT: Two theorems are proved:
Theorem: On the half-line $y \geqslant 0$ let a positive, non-increasing continuous function $\chi(y)$ be given with the properties:

1) $\psi(y) = \int_0^y \chi^2(\eta)d\eta \to \infty$ for $y \to \infty$ 2) $y\chi^2(y) \to 0$ for $y \to \infty$

3) $y^{1+\varepsilon}\chi^2(y) \to \infty$ for $y \to \infty$ for arbitrary $\varepsilon > 0$

4) there exists such an $m > \frac{1}{2}$ that $y^m\chi(y)$ increases monotonously. For each function $\chi(y)$ with these properties such a trigonometric null series

$$\sum_{n=-\infty}^{\infty} \alpha_n e^{inx} \qquad (\alpha_n = \bar{\alpha}_{-n})$$

can be constructed that $\alpha_n = O(\chi(|n|))$.

The second theorem considers the Fourier - Stieltjes trans-

CARD 1/2

On the Coefficients of the Trigonometric Null Series 38-4-7/10

formation of a continuous, non-decreasing and singular function which is defined on the whole axis $-\infty < x < +\infty$. The integral of the square of the absolute value of this transformation diverges as is well-known. It is shown that this divergence in a certain sense can take place arbitrarily slowly.

PRESENTED: By A.N. Kolmogorov, Academician

SUBMITTED: October 2, 1956

AVAILABLE: Library of Congress

CARD 2/2

DELONE, B.; ZHITOMIRSKIY, O. [deceased]; IVASHEV-MUSATOV, O.S., red.; GOLUBKOVA, L.A., tekhn.red.

[Problems in geometry] Zadachnik po geometrii. Izd.7., stereotipnoe. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1959. 294 p. (MIRA 12:11)

(Geometry--Problems, exercises, etc.)

IVASHEV-MUSATOV, O.S.

M-sets and Hausdorf's measure. Dokl. AN SSSR 142 no.5:1001-1004 F '62. (MIRA 15:2)

1. Predstavleno akademikom A.N.Kolmogorovym.
(Aggregates)

IVASHEV-MUSATOV, O.S.

Presentation of the Riemann integral. Usp. mat. nauk 19 no.6: 161-165 N-D '64 (MIRA 18:2)

L 00538-66 EWT(d) IJP(c)

ACCESSION NR: AP5023876 UR/0042/65/019/006/0161/0165

AUTHOR: Ivashev-Musatov, O. S. 44,55

TITLE: Nature of the Reimann integral 16,44,55

SOURCE: Uspekhi matematicheskikh nauk, v. 19, no. 6, 1964, 161-165

TOPIC TAGS: integration, integral calculus, continuous function

ABSTRACT: Little attention has been devoted to the fact that if f is integrated over D, then $\lim_{\lambda \to 0} \sigma (f;D) = \iint_D f(P)ds$ and, conversely, $\lambda = \max_k$ diam Δ_k. Let the domain of integration be D, such that $a \leq x \leq b$, $\varphi(x) \leq y \leq \psi(x)$, and f(x;y) is continuous over D. The for a definite integral of a continuous function, with any λ, the interval of integration is subdivided in such a way that the sum of the integrals is equal to the

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L 00538-66

ACCESSION NR: AP5023876

integral, and the result is

$$\int_a^b dx \int_{\varphi(x)}^{\psi(x)} f(x; y)\,dy = \sum_{k=1}^{n} \left(\int_{\varphi(\xi_k)}^{\psi(\xi_k)} f(\xi_k; y)\,dy \right) \Delta x_k = \sum_{k=1}^{n} \sum_{j=1}^{n_k} f(\xi_k; \eta_{kj})\,\Delta y_{kj} \Delta x_k = \bar{\sigma}.$$

Going to the limit $\lambda \to 0$, by virtue of the above reasoning, the author obtains the integral. Orig. art. has 11 formulas.

ASSOCIATION: none

SUBMITTED: 11Apr63 ENCL: 00 SUB CODE: MA

NR REF SOV: 000 OTHER: 000 JPRS

mlr

Card 2/2

AUTHORS: Terent'yev, A. P., Fedoseyev, P. N., Ivasheva, N. P. 75-13-3-17/27

TITLE: New Methods of the Quantitative Determination of Nitrogen, Sulfur and Halogens From a Single Weighed Portion of Organic Substance (Novyye metody kolichestvennogo opredeleniya azota, sery i galogenov iz odnoy naveski organicheskogo veshchestva).
Communication 4. The Use of Calcium for the Decomposition of the Substance (Soobshcheniye 4. Primeneniye kal'tsiya dlya razlozheniya veshchestva)

PERIODICAL: Zhurnal analiticheskoy khimii, 1958, Vol 13, Nr 3, pp 344-348 (USSR)

ABSTRACT: In earlier papers the authors showed that nitrogen, sulfur and halogens in organic substances can be quantitatively determined by means of powdered metallic magnesium (Reference 1). This method has several disadvantages. The reaction mass has to be prepared with acid, which may lead to the formation of explosive mixtures of silicon hydrides, hydrogen and air. Therefore the decomposition is performed

New Methods of the Quantitative Determination of Nitrogen, Sulfur and Halogens From a Single Weighed Portion of Organic Substance.
Communication 4. The Use of Calcium for the Decomposition of the Substance

in the atmosphere of an inert gas. In order to remove the shortcomings of this method and to simplify the determination, the authors used powdery calcium instead of magnesium. It reacts with water already at the usual temperature and combines with oxygen, nitrogen, sulfur and halogens. In contrast to magnesium, calcium does not react with glass at temperatures of 700-750°C, besides the melting and boiling points are higher than those of magnesium. The principle of the new method consists in the fact that a weighed portion of the organic substance to be analyzed which contains nitrogen, sulfur and halogens is treated with powdery calcium at 700-750°C in an atmosphere of ether vapor or hydrogen. On this occasion calcium-nitride, -sulfide and -halogenide form in which nitrogen, sulfur and halogens are quantitatively determined. In the present paper two apparatus suitable for the performance of this determination are drawn and described in detail. The air must before

New Methods of the Quantitative Determination of Nitrogen, Sulfur and Halogens From a Single Weighed Portion of Organic Substance. Communication 4. The Use of Calcium for the Decomposition of the Substance

75-13-3-17/27

the determination be removed from all parts of the apparatus by means of ether vapor. The performance of the decomposition of the organic substance by means of calcium is described in detail. After the decomposition product nitrogen is removed, as ammonia with water or 30% ethanol, and acidimetrically determined. After acidification of the reaction product after the decomposition with calcium sulfur is expelled as hydrogen sulfide and iodimetrically titrated. The halogens finally are determined by preparing the reaction mixture with diluted nitric acid and subsequent argentometric titration. The performance of these determinations is exactly described, too. Thus one, two or all three of the above-mentioned elements can be quantitatively determined from one weighed portion (the respective varieties of the method are described in detail). By using calcium instead of magnesium for the decomposition

Card 3/4

New Methods of the Quantitative Determination of Nitrogen, Sulfur and Halogens From a Single Weighed Portion of Organic Substance. Communication 4. The Use of Calcium for the Decomposition of the Substance

75-13-3-17/27

of the organic substance the analysis is simplified and the duration of its performance shortened. A number of organic substances were analyzed by this new method; the results of 26 of these analyses are given in the paper. There are 2 figures, 1 table and 4 references, 2 of which are Soviet.

ASSOCIATION: Nikolayevskiy korablestroitel'nyy institut i Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Nikolayev Ship-Building Institute and Moscow State University imeni M. V. Lomonosov)

SUBMITTED: December 2o, 1956

1. Calcium--Applications 2. Organic materials---Chemical analysis

Card 4/4

L 08321-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AR6033783 SOURCE CODE: UR/0058/66/000/007/D098/D098

19

AUTHOR: Yegorova, L. A.; Ivashevskiy, S. N.; Kharlamova, G. N.

TITLE: Testing spectral tubes with natural krypton 27

SOURCE: Ref. zh. Fizika, Abs. 7D783

REF SOURCE: Tr. in-tov Gos. kom-ta standartov, mer i izmerit. priborov SSSR. vyp 78(138), 1965, 29-31

TOPIC TAGS: krypton, spectral line, wavelength

ABSTRACT: Results of investigations of the radiation of spectral lamps filled with natural krypton are described. The values of wavelengths of eight lines of the visible region of the spectrum of natural krypton are obtained through comparison with the primary reference wavelengths of the orange Kr^{86} line. [Translation of abstract]

SUB CODE: 20/

IVASHIN, A.I.; DANILYAK, N.I.; CHOPIK, V.I.

At the Polish Przeworsk Sugar Factory. Sakh.prom. 34 no.1: 68-70 Ja '60. (MIRA 13:5)
(Przeworsk, Poland--Sugar manufacture)

L 35928-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(b)/EWP(1) IJP(c)

ACC NR: AP6015108 JH/BC/JD/ (N) HM SOURCE CODE: UR/0135/66/000/005/0037/0037

AUTHOR: Rudman, M. D. (Engineer); Rumanov, B. A. (Engineer); Ivashin, A. S. (Engineer)

ORG: Kuybyshev Aviation Institute (Kuybyshevskiy aviatsionnyy institut)

TITLE: Automatic control device for spot welding light-weight alloys

SOURCE: Svarochnoye proizvodstvo, no. 5, 1966, 37

TOPIC TAGS: welding equipment, control circuit, electronic signal

ABSTRACT: The device (model AKS-3) signals deviations from electrode pressure, current value, duration of the weld time within the ranges allowable for the MTIP and MTPT welding machines within the following limits: electrode pressure--±10%, current value--±5%, weld time--±0.001 sec. Electrode pressure is measured by an electrocontact pick-up. The contacts of the pickup are attached to the grid circuit of the electronic relay which measures deviations from set limits for the electrode pressure. Deviations are indicated by signal lights on the control panel. The welding current control unit signals deviations from the desired amplitude of the weld current. A magnetic amplifier is used as a null indicator of the second harmonic. The measured signal is obtained from the terminals off a shunt in the main circuit of the welding transformer and goes to the control winding of the magnetic amplifier. A signal is al-

UDC: 621.791.763.037

Card 1/2

L 35928-66

ACC NR: AP6015108

so transmitted to the support amplifier winding from the dc power source. Signal magnitude is controlled by a potentiometer and milliammeter. The ac magnetic amplifier windings are supplied with power from the unit generator. The flows created by the balance and support windings are directed against each other. If the total flow is zero the electromotive power of the second output harmonic is also zero. This moment is fixed by an electronic circuit consisting of an amplifier and electromagnetic relay. Deviations are indicated by signal lights on the control panel. The control unit for welding current duration consists of a starter circuit, a pulse counter, and a coincidence circuit. The pulse counter is activated by a commutator. The coincidence circuit indicates current duration limits. A block diagram of the AKS-3 is given. Orig. art. has: 1 figure.

SUB CODE: 13,09/ SUBM DATE: none

Card 2/2

L 9884-66 EWT(l)/EWT(m)/EWP(w)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) WW/EM
ACC NR: AP5027609 SOURCE CODE: UR/0135/65/000/011/0044/0045

40
B

AUTHOR: Rudman, M. D.; Iveshin, A. S. 44,55 44,55

ORG: Kuybyshev Aviation Institute (Kuybyshevskiy aviatsionnyy institut) 44,55

TITLE: DTS-2 meter for simultaneous measurement of the duration and magnitude of the current in spot welding 4,44,55

SOURCE: Svarochnoye porizvodstvo, no. 11, 1965, 44-45

TOPIC TAGS: welding, metal welding, spot welding, welding current, current meter, /DTS 2 meter

ABSTRACT: The design and operation of a DTS-2 meter for simultaneous measurement of the current magnitude and pulse duration in spot welding are described. The meter, Patent No. 43158 with priority from 10 February 1964, is designed to operate on a-c spot welders and measures currents up to 50,000 amp with an accuracy of ± 5% and pulse durations from 0.06 to 1.0 sec with an accuracy of ± 2%. In multipulse welding, the meter is used together with an oscillograph. Orig. art. has: 1 figure. [MS]

SUB CODE: 13,14/ SUBM DATE: none/ ATD PRESS: 4-1/65

Card 1/1 UDC: 621.791.037

IVASHIN, B. I.

"Wear of Steel in Friction Against a Coarse Surface Machined by Electroerosin and Mechanical Means." Cand Tech Sci, Odessa Polytechnic Inst, Min Higher Education USSR, Odessa, 1955. (KL, No 16, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

1. IVASHIN, D. S.

2. USSR 600

4. Reforestation - Ural Mountain Region

7. Natural reforestation of deforested areas in the southern Urals, Les khoz, 5, No. 12, 1952.

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

IVASHIN, D.S.

Possibilities of procuring Arnica montana and Gentiana lutea in the Ukrainian Carpathian Mountains. Apt. delo. 4 no.6:14-18 N-D '55. (MLRA 9:1)

(PLANTS,
Arnica Montana & Gentiana lutea, cultivation in Carpathian Mountains)

USSR/Cultivated Plants - Medicinal. Essential Oils; Toxins. M-7

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91868

Author : Ivashin, D.S.

Inst : All-Union Institute of Medicinal and Aromatic Oils.

Title : The Distribution of Arnica and the Yellow Gentian in the Ukrainian Carpatian Mountains.

Orig Pub : Botan. zh., 1956, 41, No 2, 257-261

Abstract : The expeditions of the Ukrainian Experimental Station for Medicinal Plants of VILAR (the All-Union Institute of Medicinal and Aromatic Oils) in 1953-1954 studied the distribution, reserves and possibilities of utilizing arnica (Arnica montna L.) and the yellow gentian (Gentiana lutea L.). Arnica grows in the Ukrainian Carpatian Mountains on an area of several thousand hectares at an altitude of 500-2000 meters above sea level. The bulk of its bushes

Card 1/2

IVASHIN, D.S.

Regeneration and secondary flowering of plants in burns of the Southern Urals. Bot.zhur. 43 no.10:1469-1472 O '58. (MIRA 11:11)

1. Ukrainskaya opytnaya stantsiya lekarstvennykh rasteniy Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh rasteniy. (Regeneration (Botany)) (Krakka Range--Burning of land)

IVASHIN, D.S.

Matricaria chamomilla in the southern Ukrainian S.S.R. Apt.delo 8 no.6:38-43 N-D '59. (MIRA 13:4)

1. Iz Ukrainskoy zonal'noy stantsii lekarstvennykh rasteniy.
(UKRAINE--CAMOMILE)

IVASHIN, D.S. [Ivashyn, D.S.]

Botanical work of the Ukrainian Experimental Station of Medical Botany. Ukr.bot.zhur. 16 no.6:114-115 '59. (MIRA 13:5)

(Ukraine--Botanical research)

IVASHIN, D.S. [Ivashyn, D.S.], nauchnyy sotrudnik

Plants which restore our health. Nauka i zhyttia 10 no.7:41-43 Jl '60. (MIRA 13:7)

1. Ukrainskaya issledovatel'skaya stantsiya lekarstvennykh rasteniy (selo Berezotocha Lubenskogo rayona, Poltavskoy oblasti).

(UKRAINE—BOTANY, MEDICAL)

IVASHIN, D.S.

Vegetative and seed reproduction in Arnica montana L. and Gentiana lutea L. in the Ukrainian Carpathians. Bot.zhur. 45 no.7: 1039-1044 Jl '60. (MIRA 13:7)

1. Ukrainskaya zonal'naya opytnaya stantsiya lekarstvennykh rasteniy, selo Berezotoch Lubenskogo rayona Poltavskoy oblasti.
(Carpathian Mountains--Arnica)
(Carpathian Mountains--Gentians)
(Plants--Reproduction)

IVASHIN, D.S. [Ivashyn, D.S.]

Resources of medicinal plants in the Vorskla Valley. Ukr. bot.zhur. 17 no.3:66-71 '60. (MIRA 13:7)

1. Ukrainskaya issledovatel'skaya stantsiya Vsesoyuznogo instituta lekarstvennykh rasteniy, selo Beregotocha, Poltavskoy oblasti.
(Vorskla Valley—Botany, Medical)

KIBAL'CHICH, P.N.; NIKONOV, G.K.; CHERNOBAY, N.Kh.; IVASHIN, D.S.

Cultivation of Ammi majus L. as a source for obtaining furocoumarins.
Med. prom. SSSR 14 no.12:23-26 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(FUROCOUMARIN) (AMMI MAJUS)

IVASHIN, D.S. [Ivashyn, D.S.]

Medical plant resources of the Ukrainian Carpathians. Ukr. bot. zhur. 17 no.5:54-60 '60. (MIRA 13:12)

1. Ukrainskaya ispytatel'naya stantsiya lekarstvennykh rasteniy Vsesoyuznogo instituta lekarstvennykh i aromaticheskikh rasteniy, selo Berezotocha Poltavskoy oblasti.
(Carpathian Mountains--Botany, Medical)

IVASHIN, D.S.

Investigation, procurement and cultivation of medicinal plants in Poltava Province in the pre-October period. Farmatsev. zhur. 16 no.1:56-59 '61. (MIRA 17:8)

1. Ukrainskaya issledovatel'skaya stantsiya lekarstvennykh rasteniy Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy, g. Berezotocha Poltavskoy oblasti.

IVASHIN, D.S. [Ivashyn, D.S.]

Biology and ecology of Adonis vernalis L. Ukr. bot. zhur. 19 no.4:84-90 '62. (MIRA 15:9)

(Ukraine--Adonis)

KATINA, Zoya Fedorovna; IVASHIN, Dmitriy Sergeyevich; ANISIMOVA, Mariya Ivanovna; BARBARICH, A.I.[Barbarych, A.I.], red.

[Wild medicinal plants of the Ukrainian S.S.R.; handbook for procurement agents] Dykorostuchi likars'ki roslyny URSR; posibnyk dlia zahotivel'nykiv. Kyiv, Zdorov'ia, 1965. 308 p. (MIRA 18:8)

1. Institut botaniki AN Ukr.SSR (for Katina). 2. Ukrainskaya zonal'naya stantsiya lekarstvennykh rasteniy (for Ivashin).

IVASHIN, D.S.

Resources of Nuphar lutea Smith on the territory of the Ukrainian S.S.R. Rast. res. 1 no.4:560-564 '65
(MIRA 19:1)

GUBANOV, I.A.; KHAKIMOV, D.S.; KUVAYEV, V.B.; [illegible], M.M.; SHRETER, A.I.

Work results of the expeditions of the All-Union Scientific Research Institute of Medicinal and Aromatic Plants studying wild medicinal plant resources. Rast. res. 1 no. 4:533-541 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy, Moskva. Submitted March 28, 1965.

IVASHIN, D.S. [Ivashyn, D.S.]

New species of hawthorn from the left-bank area of the Ukraine. Ukr. bot. zhur. 21 no.6:60-68 '64. (MIRA 18:2)

1. Ukrainskaya issledovatel'skaya stantsiya lekarstvennykh rasteniy Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy, s. Berezotocha Lubenskogo rayona, Poltavskoy obl.

IVASHIN, Ivan Fedorovich; RATNER, V.I., red.; NAUMOV, K.M., tekhn.red.

[How the Soviet Union struggles for general and complete disarmament] Bor'ba Sovetskogo Soiuza za vseobshchee i polnoe razoruzhenie. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 52 p. (MIRA 13:8)

(Disarmament)

IVASHIN, M.V., aspirant

Taxonomic position of humpback whales (Megaptera nodosa lalandii Fischer) of the Southern Hemisphere. Infrom.biul.Sov. antark.eksp. no.3:77-78 '58. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii.
(Antarctic regions--Whales)

IVASHIN, M.V.

Method of determining traces of ovulation and pregnancy corpora lutea in the humpback whale. Trudy VNIRO 33:161-172 '58. (MIRA 14:6)

(Antarctic regions--Whales) (Corpus luteum)

IVASHIN, M.V.

Diatom growths on finback whales in Antarctica. Trudy VNIRO 33:186-198 '58. (MIRA 14:6)
(Antarctic regions--Whales) (Diatoms)

KULIKOV, A.N.; IVASHIN, M.V.

Reproduction cycle of finback and humpback whales (Balaenoptera physalus L. and Megaptera nodosa Bonn.) in the Atlantic sector of the Anartic. Zool.zhur. 38 no.1:123-125 Ja '59. (MIRA 13:4)

1. All-Union Research Institute of Marine Fishery and Oceanography, Moscow.
(Antarctic regions--Whales)

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