MOLODKIN, A.K.; SKOTKINA, G.A.

Thiocyanate compounds of thorium. Zhur.neorg.khim. 9 no.1:60-69 Ja '64. (MIRA 17:2)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR.

SKOTKOV, Shaya Bentsionovich; SIGOV, S.G., otvetstvennyy redaktor; FEYTEL'MAN, N.G., redaktor izdatel'stva; DODEVA, G.V., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Finance and credit in the Soviet coal industry] Finansirovanie i kreditovanie v ugol'noi promyshlennosti SSSR. [Moskva] Ugletekhizdat, 1956. 303 p. (MIRA 10:2)
(Coal mines and mining--Finance)

BRO, Gdaliy Grigor'yevich; BOKIY, Orest Borisovich, kand. tekhn. nauk, prof.; SKOTKOV, Shaya Benitsianovich; SIBAROV, A.D., retsenzent; GRINER, N.S., red.izd-va; SABITOV, A., tekhn. red.; KONDRAT'YEVA, M.A., tekhn. red.

[Financial and economic operations of underground and open-cut coal mines; an economic analysis] Finansovo-khoziaistvennaia deiatel'nost' ugol'noi shakhty i razreza; ekonomicheskii analiz. Moskva, Gosgortekhizdat, 1963. 311 p. (MIRA 16:12)

(Coal mines and mining--Finance)

L 45073-65 CZ/0057/64/000/008/0402/0403

ACCESSION NR: AP5014330

4
B

AUTHOR: Skotnica, Jaroslav

TITLE: Saturation of generator gas with benzene in steel mills

SOURCE: Hutnik, no. 8, 1964, 402-403

TOPIC TAGS: gas production, industrial plant, benzene, gas property

Abstract: As there is no natural gas available in Czechoslovakia, gas enriched by benzene must be manufactured. The planning of the first installation is discussed. The difficulties with getting the installation into production are described. Schematic flowsheet for the benzene circulation is shown; main items of equipment in the installation are described. Properties of the gas produced are discussed. The heating value is increased from the original 1310 kcal/N m3 to 1567 kcal/Nm3.

Orig. art. has 1 figure.

ASSOCIATION: Valcovny plechu, Frydek-Mistek (Steel Mills)

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

NO REF SOV: 000 OTHER: 000 JPRS

Card 1/1 ce

ALEKSANDROWICZ, Julian; KEPINSKI, Antoni; SKOTNICKA, Alina; ZUROWSKA, Alina

Attempted psycho-sociological analysis of leukemia patients. Pol. arch. med. wewnet. 33 no.10:1117-1121 '63.

1. Z III Kliniki Chorob Wewnetrznych AM w Krakowie Kierownik: prof. dr med. J. Aleksandrowicz i z Kliniki Psychiatrycznej AM w Krakowie Kierownik: prof. dr med. K. Spett.
(LEUKEMIA) (PSYCHOLOGICAL TESTS)
(SOCIAL CONDITIONS) (STATISTICS)

DERUSCWA, Ewa; SKOWNICKA, Barbara

Biochemical research on venous blood of extremities in obliterative vascular lesions. II. Lipemia. Polskie arch. med. wewn. 28 no.5:663-669 1958.

1. Z III Kliniki Chorob Wewnetrznych Sl A.M. w Bytomiu. Kierownik: prof. dr med. K. Gibinski. Adres: III Klinika Chorob Wewnetrzn Sl. Ak.Med. Bytom, Batorego 15.

(VASCULAR DISEASES, PERIPHERAL, blood in
in venous blood, lipids, venous in obliterative dis (Pol))
(LIPIDS, in blood
venous, in obliterative peripheral vasc. dis. (pol))

SKOTNICKA, Barbara; FOIT, Eugeniusz

Biochemical studies on venous blood of the extremities in obliterating vascular changes. VII. Activity of cholinesterase. Polskie arch.med. wewnetrz. 29 no.12: 1621-1627 '59.

1. Z III Kliniki Chorob Wewnetrznych Sl. A.M. w Bytomiu. Kierownik: prof. dr. med. K. Gibinski.
(CHOLINESTERASE blood)
(ARTERIOSCLEROSIS blood)

NOWOSIELECKA-DERUSOWA, Ewa; SKOTNICKA, Barbara

Further clinical and experimental studies on lipemia in obliterative vascular changes. Polskie arch.med.wewnetrz. 29 no.12: 1645-1654 '59.

1. Z III Kliniki Chorob Wewnetrznych Sl.A.M. w Bytomiu. Kierownik: prof. dr. med. K. Gibinski.

(LIPIDS blood)
(ARTERIOSCLEROSIS blood)
(THROMBOANGIITIS OBLITERANS blood)

[illegible], Barbara

SURNAME, Given Names

(2)

Country: Poland

Academic Degrees: [not given]

Affiliation: Clinic of Internal Diseases No III of the Silesian Medical Academy (III Klinika Chorob Wewnetrznych, Sl A M [Slaska Akademia Medyczna]), Bytom; Director (Kierownik): Prof Dr Med K Gibinski

Source: Krakow, Przeglad Lekarski, Vol XVII, Ser II, No 9, 1961, pp 322-325

Data: "A Year's Observation of the Effectiveness of Novocaine in Geriatrics."

GPO 981643

SKOTNICKI, B.

Debating the drafts of stnadards to a ply in the field of rating the quality of textiles. Normalizacja P 28 no.10:465-468 O '60.

EXCERPTA MEDICA Sec.12 Vol.11/10 Ophthalmology Oct57

SKOTNICKI H.

1666. SKOTNICKI H. Odd. Ocznego Szpit. Miejskiego w Zamościu. * Doświadczalna jaskra. Experimental glaucoma KLIN. OCZNA 1957, 27/1 (27-36) Illus. 4

The experiments were carried out on rabbits' eyes. The eye was prepared as usually for ocular surgery; then the eye muscles were undermined and a cotton thread was put around the eye ball behind the cornea. The eye became as hard as stone but the cornea remained transparent. The investigations were repeated several times. The author deduces from the experiments that the pressure on the eye ball for a time long enough, increases the eye tension proportionally to the pressure applied. The high pressure causes the depression of the papilla n. optici. The author observed it after 4 months. The anatomopathological findings corroborate the macroscopic observations.

Szmyt - Łódź

POLAND/Chemical Technology - Chemical Products and Their Application. Pesticides. H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36140.

Author : Maranski, Cz., Nielopolski, A., Skotnicki, J.

Inst : Institute for Small Industry.

Title : The [illegible] against the Gadfly with the Aid of Preparation PCh13-56.

Orig Pub : Biul. inform. Inst. prexem. drobnego, 1956, 3, No 1-2/8, 1-2.

Abstract : There are submitted the results of experiments in the struggle against gadflies with the aid of preparation PChDS-56, containing n-dichlorobenzene, S compounds occurring in the low-temperature fractions of coal tar (melting point, 140-310°), the K salt of raw thallic acids and the Na salt of dibutylmethyl naphthalenesulphonic

Card 1/2

H-107

SKOTNICKI, Maksymilian

Characteristics of the principal problems connected with the exploitation of oil and gas in the Sahara. Przegl geogr 33 no.1: 93-105 '61. (EEAI 10:6)
(Sahara--Petroleum)

PETRAS, Lubomir, inz.; SKOTNICA, Oldrich

Continuous methanometers in the degasification stations of the Ostrava-Karvina coal basin. Uhli 5 no.3:107-108 Mr '63.

1. Vedecko-vyzkumny uhelny ustav, Ostrava-Radvanice.

MOLL, Jan, prof. dr. med.; ADAMSKI, St.; SLIWINSKI, M.; SKOTNICKI, S.; SOKOLOWSKI, K.

Our own experiences in the surgical treatment of constrictive pericarditis. Pol. tyg. lek. 20 no.6:202-204 8 F '65

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Lodzi i z Oddzialu Chirurgii Torakalnej Szpitala Miejskiego imeni J. Strusia w Poznaniu (Kierownik: prof. dr. med. Jan Moll).

HANKIEWICZ, Janusz; SZENIC, Julian; SKOTNICKI, Stanislaw; NAREBSKI, Juliusz

Results in the treatment of acute pancreatitis. Polski przegl. chir. 33 no.7/9:976-978 '61.

1. Z II Kliniki Chirurgicznej AM w Lodzi Kierownik: doc. dr J. Moll.

(PANCREATITIS ther)

MOLL, Jan; WILCZYNSKI, Marian; SLIWINSKI, Marian; ADAMSKI, Stanislaw; SKOTNICKI, Stanislaw

Our observations on deep hypothermia in open heart surgery. Polski przegl. chir. 33 no.7/9:1048-1051 '61.

1. Z II Kliniki Chirurgicznej AM w Lodzi Kierownik: doc. dr J. Moll.
(HEART SURGERY anesth & analg)
(HYPOTHERMIA INDUCED)

SKOTNICKI, S.; DZIATKOWIAK, A.; MACIEJEWSKA, M.; OLIPRA, H.

Some physiopathological aspects of deep hypothermia. Kardiol. Pol. 7 no.2:133-140 '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Lodzi i z Oddzialu Chirurgii Torakalnej Szpitala Miejskiego im. J. Strusia w Poznaniu (Kierownik: prof. dr J. Moll).

SKOTNICKI, Stefan; BILSKI, Ryszard

Effect of butazolidin on the morphology and histochemistry of experimental inflammatory foci. Arch.immun.ter.dosw. 9 no.1: 25-35 '61.

1. Zaklad Histologii i Embriologii Akademii Medycznej w Lodzi.
(PHENYLBUTAZONE pharmacol) (INFLAMMATION exper)

SKOTNICKI, Stefan

A case of secreting insuloma in the evaluation of so-called hunger test. Pol. tyg. lek. 17 no.36:1427-1430 3 S '62.

1. Z I Kliniki Chirurgicznej AM w Lodzi; kierownik: prof. dr Jan Moll i z Zakladu Histologii i Embriologii AM w Lodzi; kierownik: prof. dr Stefan Baginski.
(ISLET CELL TUMOR) (HUNGER)

MOLL, Jan. TYBORSKI, Henryk; STASINSKI, Tadeusz; LORKIEWICZ, Zbigniew; LUKOMSKA, Barbara; SLIWINSKI, Marian; ADAMSKI, Stanislaw; SOKOLOWSKI, Konstanty; SKOTNICKI, Stefan

Treatment of cardiac defects with the use of the MPS 1 apparatus and deep hypothermia. Pol. arch.med.wewnet. 34 no.3: 299-306 '64.

1. Z Oddzialu Chirurgii Torakalnej Szpitala Miejskiego im. J.Strusia w Poznaniu i II Kliniki Chirurgicznej AM w Lodzi (kierownik: prof.dr.med.J.Moll) Zakladu Radiologii AM w Poznaniu (kierownik: prof.dr.med. B.Gladysz) i III Kliniki Chorob Wewnetrznych AM w Poznaniu (kierownik: prof.dr.med. K.Wysocki).

SKOTNICKI, Zbigniew

Surgical and orthopedic problems in rheumatic diseases of motor organs. Reumatologia Polska no.3:327-332 '60.

1. Z Instytutu Reumatologicznego w Warszawie Dyrektor: prof. dr med. Eleonora Reicher
(ARTHRITIS RHEUMATOID surg)

SKOTNICKY, Ivor
SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: (not given)

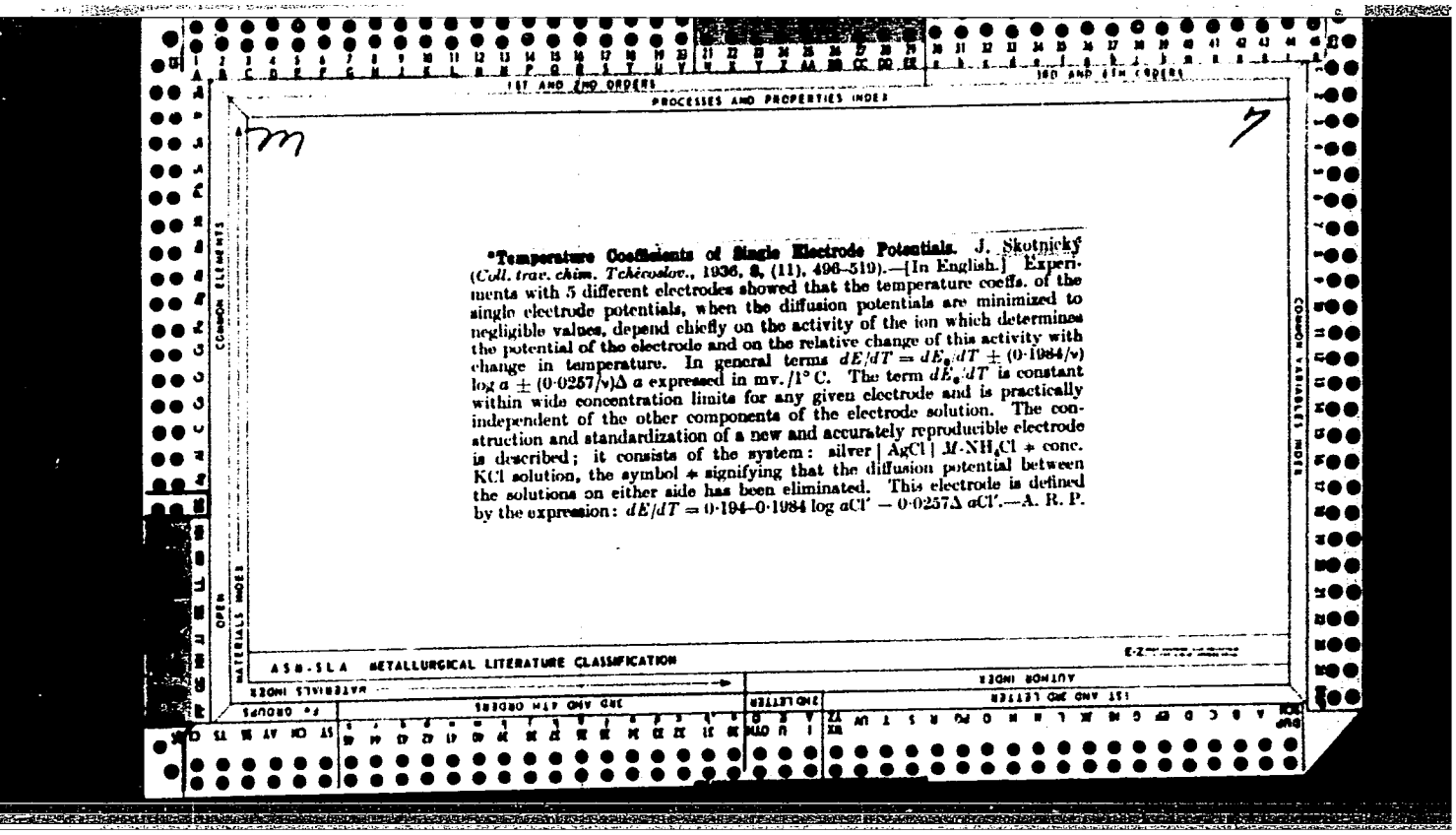
Affiliation: Stomatology Clinic, Medical Department, Charles University (Stomatologicka Klinika lekarskej fakulty KU) Bratislava (Director Docent Dr Stefan VELGOS)

Source: Prague, Ceskoslovenska Stomatologie, Vol 61, No 4, July 61, pp 247-263

Data: "Use of Tele-Radiography in Stomatological Prosthetics"

SKOTNICKÝ J.

Úst. lekársk. fyzik., Lek. Fak. SU Košiciach. *Registrácia akčných prúdov nervov a svalov. Recording technique for nerve and muscle action currents BRATISLAVSKÉ LEKÁRS.LISTY 1953, 33/10 (923-930) Graphs 35 Illus. 1



PROCESSES AND PROPERTIES INDEX

***Temperature Coefficients of Single Electrode Potentials.** J. Škotnický (*Coll. trav. chim. Tchécoslov.*, 1936, **8**, (11), 496–519).—[In English.] Experiments with 5 different electrodes showed that the temperature coeffs. of the single electrode potentials, when the diffusion potentials are minimized to negligible values, depend chiefly on the activity of the ion which determines the potential of the electrode and on the relative change of this activity with change in temperature. In general terms $dE/dT = dE_0/dT \pm (0{\cdot}1984/\nu) \log a \pm (0{\cdot}0257/\nu)\Delta a$ expressed in mv./1° C. The term dE_0/dT is constant within wide concentration limits for any given electrode and is practically independent of the other components of the electrode solution. The construction and standardization of a new and accurately reproducible electrode is described; it consists of the system: silver | AgCl | M-NH_4Cl + conc. KCl solution, the symbol + signifying that the diffusion potential between the solutions on either side has been eliminated. This electrode is defined by the expression: $dE/dT = 0{\cdot}194 - 0{\cdot}1984 \log aCl' - 0{\cdot}0257\Delta aCl'$.—A. R. P.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

SKOTNICKY, Josef

(2)

The dependence of melting point on pressure. Josef Skotnicky (Inst. Med. Phys., Košice, Czech.). *Czechoslov. J. Phys.* 3, 225–30(1953)(in English).—The application of the Clapeyron equation to calc. the effect of pressure on the m.p. of a system is described as inapplicable to systems, such as the formation of icebergs or the regelation of ice, where the pressure is applied locally to the solid material at the vicinity of the m.p. An app. is described to measure the equil. temp. for various pressures acting on the different components of the system for different temps. Solid naphthalene was immersed in a thermostated water bath. A metal rod 1 cm. sq. with a thermocouple built in the end is rested on the naphthalene and loaded with wts. The change of equil. temp. with pressure, dT/dP, was observed for naphthalene = −0.21°/atm. and ice −0.1°/atm. J. H.

10-12-81

SKOTNICKY, J.

Universal thermodynamic equation unifying the laws of classic chemical thermodynamics. Bratisl. lek. listy 34 no.12:1366-1377 Dec 54.

1. Z ustavu pro lek. fyziku PLFSUv Kosiciach, prednosta doc. MUDr J.Skotnicky

(PHYSICS
thermodynamics, chem., universal equation of laws)

SKOTNICKY, J.

Simple apparatus for automatic recording of electronic characteristics.
(Supplement) p. Pl.
[illegible] Praha, Vol. 16, no. 1, Jan 1955.

SO: Monthly List of EastEuropean Accessions, (EEML), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

Skotnicky, J.

2

621.317.76.089.6

5159. Electronic chronometer, its properties and application. J. SKOTNICKY. *Slaboproudý Obzor*, 16, No. 6, 310–16 (1955) In Slovak.

EE The instrument consists of an amplifier (for positive and negative pulses and sinusoidal waveforms), start-stop device, mixer (electronic switch) and a 5-decade (binary) counter followed by a cyclometer-type register. The chronometer may be employed for counting the pulses of arbitrary origin, measurement of time with an accuracy of 10 μsec and the measurement of frequency up to 200 kc/s. The measurement of frequency can be performed either with one chronometer (2–3% accuracy) or with two instruments, the accuracy attainable in the latter case being 10^{-7}. An experimental frequency/temperature curve for a 100 kc/s quartz crystal illustrates the method of frequency measurement. R. S. SIDOROWICZ

Skotnicky, J.

536.587

1173. AN ELECTRONIC THERMOREGULATOR.

J. Skotnicky.

Slaboproudý Obzor, Vol. 16, No. 8, 422-4 (1955). In Slovak.

The device described is mains supplied and consists of a single thermionic tube (double diode-pentode) and a gas filled mercury relay. A mercury-filled contact thermometer is connected in the grid circuit of the valve and, upon the thermometer providing a short circuit, the valve becomes non-conducting. Consequently, the gas in the relay contracts, the relay breaks and the amount of heat supplied to a controlled device (thermostat) is reduced. Conversely, when the thermometer is open-circuited the valve is made conducting and the relay operates again. Negative bias to the valve is provided by its diode sections. A detailed circuit diagram of the regulator is given.

R.S.Sidorowicz

Unification of the laws of thermodynamics, and the mechanism of chemical reactions. Josef Skotnický. *Sborník ved. prác. vysokej školy tech. v Košiciach* 1, 19–36 (1957).—Classical chem. thermodynamics based on the equations of Le Chatelier, Gibbs, Helmholtz, and van't Hoff failed to do justice to real natural phenomena, because they were valid for dil. solns. only. G. N. Lewis' concept of activity was unsatisfactory because "activity" is merely an abstract math. concept without true phys.-chem. meaning. Lewis' activity isobar is mathematically untenable, since it does not yield van't Hoff's equation for dil. gases or solns. and is incompatible quantitatively with the Lewis definition of activity. The activity concept cannot furnish equations for the changes with temp. and pressure of k, the classical net equil. const. It is shown mathematically that activity may still be used in connection with a corrected pressure, and equations are presented that do justice to classical chem. thermodynamics as well as to the concept of activity, but even this set of equations fails to furnish information about the detailed mechanism of chem. reactions. Therefore a new concept is introduced: "calority," which is an intensive property of materials, just as entropy is an extensive one. Calority can be used to furnish an intuitive description of the entropy concept, and also of the 2nd law of thermodynamics. It is suitable furthermore to show which law governs not only chem. thermodynamics, but nature in general. Werner Jacobson

SKOTNICKY, J.

An electronic chronometer and quartz clocks. p.257.
(Slaboproudy Obzor, Vol. 18, No. 4, April 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

SKOTNICKY, Jozef, prof. dr.

A transistorized thermoregulator. Slaboproudy obzor 21 no.12:719-723 D '60. (EEAI 10:3)

1. Ustav pre lekarsku fiziku, Kosice.
(Thermostat) (Transistors)

23673

Z/039/61/022/003/005/006
E192/E382

9,6100
9,5400

AUTHOR: Skotnický, Jozef, Professor Doctor

TITLE: Transistorized Quartz-crystal Clock

PERIODICAL: Slaboproudý obzor, 1961, Vol. 22, No. 3, pp. 167 - 169

TEXT: The clock described is fully transistorized and achieves a short-term stability of 10^{-5}, i.e. 0.1 ms/day. The device is based on a clock described in an earlier paper (Ref. 1 - the author, Slaboproudý obzor, 18, 1957, pp. 257-266). However, whereas the earlier clock was based on electronic tubes, in the new model these were entirely replaced by transistors. One of the main items in the clock is a five-decade frequency divider. The circuit of one of these dividers (the last one) is shown in Fig. 1. One of the main disadvantages of this circuit is its temperature dependence but it appears that this is not a serious problem in the multivibrator shown in Fig. 1. From the figure, it is seen that multivibrator dividers are simple and consume only

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Z/039/61/022/003/005/006
E192/E382

Transistorized Quartz-crystal Clock

0.5 mA. Coarse adjustment of the circuit is carried out by the capacitors C , which, depending on the individual stages, have the values of: 1 000 pF (for 10 kc/s), 0.01 μF (1 kc/s), 0.1 μF (100 c.p.s.), 1 μF (10 c.p.s.) and 10 μF (1 c.p.s.). The fine adjustment of the multivibrators is provided by the variable resistors of 50 kΩ, which are connected into the base of the transistors (Fig. 1). The adjustment is not critical and the circuit operates satisfactorily if the resistance is changed by ± 10 kΩ . The whole frequency-divider system based on such multivibrator circuits operates satisfactorily at temperatures between 15 and 30 °C. The heart of the clock is its stable frequency oscillator. This is shown in Fig. 2. The transistor T_1 in the circuit provides the oscillator stage, T_2 is the buffer stage and T_3 and T_4 are amplifiers. The quartz crystal in the circuit operates in the parallel resonance mode in the Π-network formed by condensers C_b and C_p . This network

Transistorized Quartz-crystal Clock

is coupled to the transistor by means of C_v = 600 pF. Coarse frequency control is provided by the capacitor C_r and the oscillator is trimmed by C_b. The supply voltage to the oscillator is 5 V and this is provided by a stabiliser which is fed from a 6-V accumulator. The accumulator is also used to operate the thermostat which controls the temperature of the quartz crystal (Ref. 4 - the author, Slaboproudý obzor, 1960, Vol. 21, No. 12, pp. 719 - 723). The one-second pulses obtained from the final multivibrator divider are employed to drive a mechanical clock which is furnished with a special synchronous motor.

There are 3 figures and 7 references: 3 Czech and 4 non-Czech. The two English-language references quoted are:
Ref. 5 - J. of Scientific Instruments, 1959, No. 7, p. 332
and Sdělovací technika, 1960, Vol. 8, No. 3, p. 98.

Card 3/6

23673
Z/039/61/022/003/005/006
E192/E382

Transistorized Quartz-crystal Clock

ASSOCIATION: Ústav pre lekársku fyziku, Košice
(Institute for Medical Physics, Košice)

SUBMITTED: May 6, 1960

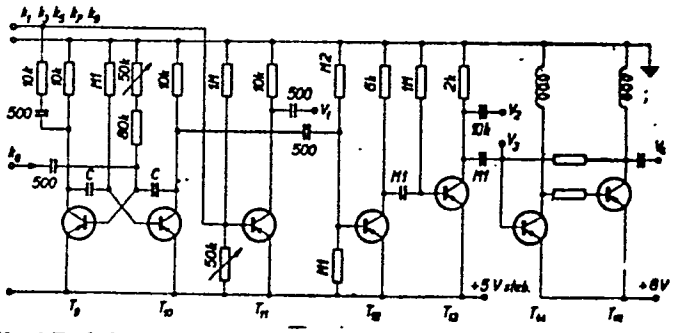
Card 4/6

23673

Z/039/61/022/003/005/006
E192/E382

Transistorized Quartz-crystal Clock

Fig. 1:

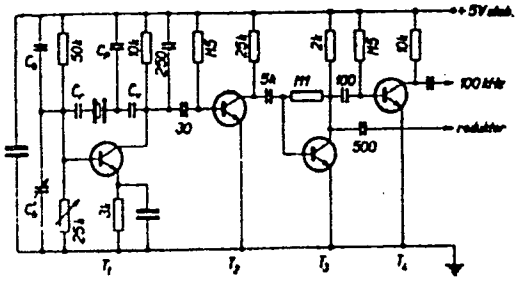


Card 5/6

23673
Z/039/61/022/003/005/006
E192/E382

Transistorized Quartz-crystal Clock

Fig. 2:



Card 6/6

L 0712-66

ACCESSION NR: AP5024073 CZ/0039/64/025/010/0605/0608

AUTHOR: Skotnicky, Jozef (Professor, Doctor) 20 B

TITLE: Rectangular coordinate reticular network for an electronic oscilloscope

SOURCE: Slaboproudy obzor, v. 25, no. 10, 1964, 605-608

TOPIC TAGS: oscilloscope, electronic circuit, electric generator, coordinate system

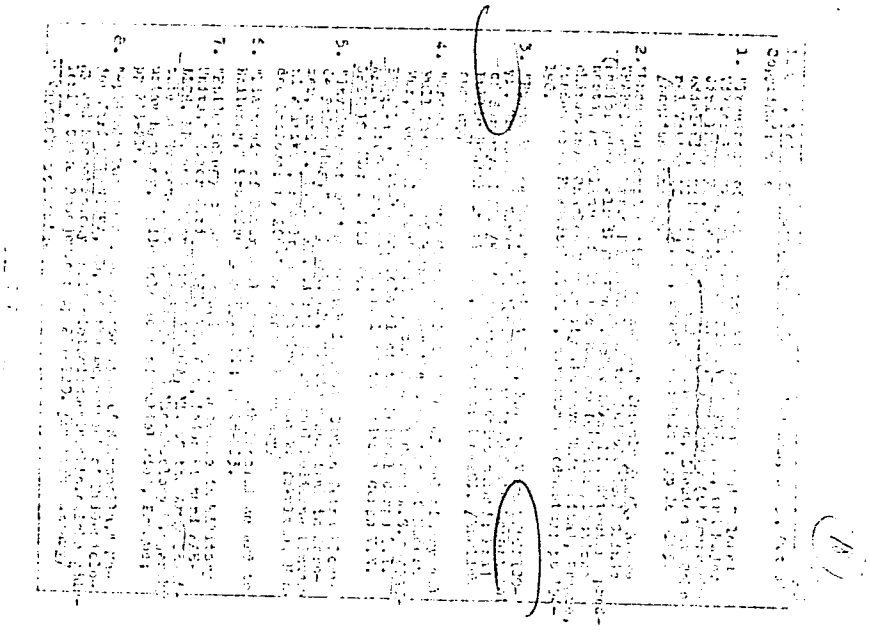
ABSTRACT: A simple circuit is described enabling a staircase voltage generator to be used in a system forming a rectangular coordinates network on an oscilloscope screen. The network consists of either 9 or 12 squares, scanned with a 12.5 cycles-per-second frequency, or a network with 49 squares and a scanning frequency of 6.25 cycles per second. Orig. art. has: 29 figures.

ASSOCIATION: Ustav pre lekarsku fyziku, Košice (Institute of Medical Physics)

SUBMITTED: 28Feb64	ENCL: 00	SUB CODE: EC
NR REF SOV: 000	OTHER: 003	JPRS

Card 1/1 DP

SKOTNIKOVA, V.



L 08398-67 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k)/EWP(h)/EWP(l) IJP(c) EM
ACC NR: AP6032512 SOURCE CODE: UR/0413/66/000/017/0084/0084

INVENTOR: Ser'yeznov, A. N.; Skotnikov, A. A.

ORG: none

TITLE: Device for measuring deformation under conditions of changing temperatures. Class 42, No. 185533

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 84

TOPIC TAGS: strain gages, measurement, deformation, deformation measurement, resistance strain gage, temperature variation

ABSTRACT: A device (see Fig. 1) is described for measuring deformation under conditions of changing temperatures. It consists of a measuring unit, working and compensation resistance strain gages (attached, respectively, to the investigated object and a plate made from the same material as the object), a differential thermocouple, a temperature regulator, and a unit which supplies electric current to the plate with the compensation strain gage. Deformation experienced at the

Card 1/2 UDC: 531.781.2:539.3:621.317.39-555.621

moment of minimum temperature difference, between the working and compensation strain gages, is measured by an electron comparator circuit which connects the temperature regulator to the measuring unit.

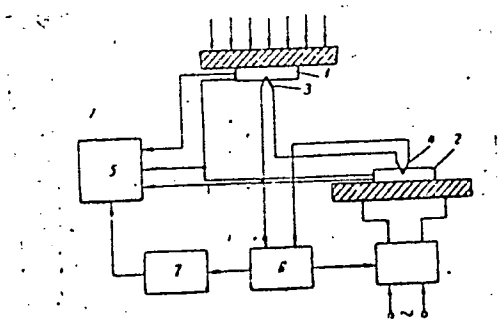


Fig. 1. Deformation measuring device
1—Operating strain gage;
2—compensation strain gage;
3 and 4—thermocouples;
5—measuring unit;
6—temperature regulator;
7—electronic circuit

SUB CODE: 14/ SUBM DATE: 25May65/

ROZEN, A.M.; NIKOLAYEVA, Z.I.; PETROV, K.A.; SKOTNIKOV, A.S.; TETERIN, E.G.

Extraction capacity of organic compounds depending on their structure and electronegativity of substituting groups. Part 2: Effect of electronegative groups. Radiokhimiia 7 no.5:517-533 '65.
(MIRA 18:10)

LISENKOVA, V.A.; SKOTNIKOV, D.I.; OKUNEV, I.

Public councils in preventive medicine institutions. Sov. zdrav. 21 no.3:52-56 '62. (MIRA 15:3)

1. Kiyevskiy rayonnyy otdel zdravookhraneniya goroda Moskvy (for Lisenkova). 2. Predsedatel' obshchestvennogo soveta pri poliklinike No.57 Kiyevskogo rayona Moskvy, direktor fabriki imeni Sakko i Vantsetti (for Skotnikov). 3. Zamestitel' predsedatelya obshchestvennogo soveta pri 42-y detskoy poliklinike Kiyevskogo rayona Moskvy (for Okunev).

(PUBLIC HEALTH)
(MEDICINE, PREVENTIVE)

BARANOVSKIY, V.V., kandidat tekhnicheskikh nauk.; SKOTNIKOV, K.V., inzhener.; OSIPOV, A.O., inzhener.

Utilizing factory experience in making plastic products at the Cheboksary electric equipment plant. Vest. elektroprom 28 no.1: 70-72 Ja '57. (MLRA 10:4)

1. Vsesoyuznyy elektrotekhnicheskiy institut im. Lenina (for Baranovskiy). 2. Cheboksarskiy elektroapparatnyy zavod (for Skotnikov, Osipov).
(Cheboksary--Electric apparatus and appliances)

VASIL'YEV, L.A.; SKOTNIKOV, M.M.

Diffraction phenomena observed when using the knife and slot shadow photometric method. Dokl. AN SSSR 143 no.3:578-581 Mr '62. (MIRA 15:3)

1. Predstavleno akademikom G.I.Petrovym.
(Photometry)(Diffraction)

L 18540-63 EWT(1)/BDS AFFTC/ASD/AFWL/IJP(C)

ACCESSION NR: AP3006127 S/0207/63/000/004/0083/0087

56
54

AUTHORS: Ivanov, A. V.; Skotnikov, M. M. (Moscow)

TITLE: Radial distribution of radiation parameters in gaseous medium with self-absorption

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 4, 1963, 83-87

TOPIC TAGS: radiation, self-absorption, energy transfer, absorptivity

ABSTRACT: An analytic study was made to determine the radial distribution of radiation parameters in an axially symmetric gaseous medium with self-absorption. The problem consists of solving the energy transfer equation in integral form

$$\frac{J_\nu(y)}{2\sqrt{1-\varepsilon_\nu(y)}} = \int_y^R \varkappa_\nu(r)\, B_\nu(r, T)\, \mathrm{ch}\left[\int_y^r \varkappa_\nu(r)\frac{rdr}{\sqrt{r^2-y^2}}\right]\frac{rdr}{\sqrt{r^2-y^2}} \quad (1)$$

where $J_\nu(y)$ radiation intensity emitted along a chord length at a coordinate distance y from origin

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ACCESSION NR: AP3006127

2

$B_\nu(r,T)$ Planck's radiation function at temperature T and radial distance ν

$\varepsilon_\nu(y)$ absorptive capacity of gas layer along a chord length

$\chi_\nu(r)$ absorption coefficient

ν frequency

First, the first order Volterra equation is approximated by N first order, linear algebraic equations, where N is the number of radiation zones into which the gaseous medium is divided, and in each of which constant average values are used for $\chi_\nu(r)$ and $B_\nu(r,T)$. Numerical computations are carried out for N = 10. Then the gas is assumed optically thin (thickness less than 0.2) and the "ch" term (hyperbolic cosine) in equation (1) is assumed to be equal to unity. The resulting equation is analyzed as Abel's integral. Numerical results are given with absorption coefficient and radiative capacity of the gas varying from 0.2 to 0.9. "The author acknowledges the help and advice of G. I. Petrov and L. N. Dubrovskaya."

Card 2/2

SKOTNIKOV, M.N., inzh.

Installing bridge seats by the coupled block method. Transp. stroi. 13 no.10:17-19 O '63. (MIRA 17:8)

SKOTNIKOV, P. I.

"Ye. A. Svirskiy"., Elektrichestvo, No. 1, 1950.

SKOTNIKOV, P. I.

PA 240T58

USSR/Electricity - Personalities May 52

"Professor N. P. Bogoroditskiy, in Connection With His 50th Birthday," P. I. Skotnikov, A. F. Alabyshev, S. Ya. Sokolov, A. A. Vavilov, V. V. Pasynkov, B. M. Tareyev

"Elektrichestvo" No 5, p 88

Reviews main features of professional life of Nikolay Petrovich Bogoroditskiy, born 20 May 02 in Tashkent. His principal interest has been development of h-f dielectrics. Between 1933 and 1942 he developed the now widely-used radio materials tikond, micalex, h-f glass, radio porcelain, and ultra-porcelain. Affiliations include Military Elec Eng Acad imeni Budennyy (1933 - 1942) and a large plant laboratory (where he produced a number of inventions) during World War II. He has published a number of articles in journals, books and textbooks. He received three Stalin Prizes: for an invention in field of ceramics (1942); for textbook "Electrical Engineering Materials" (1952 and for development and organization of mass production of parts for radio equipment (1952).

240T58

SKOTNIKOV, P. I.

USSR/Electricity - Personalities Jul 53
HF Techniques

"V. P. Vologdin (Deceased)," P. I. Skotnikov, S. A. Rinkevich, N. P. Bogoroditskiy, V. I. Siforov, V. V. Vologdin, and others

Elektrichestvo, No 7, p 94

Obituary of Prof Valentin Petrovich Vologdin (22 Mar 1881-23 Apr 1953), covering principal activities and achievements of his professional life. An eminent specialist in hf techniques (heating, surface hardening, etc), he was an active

271T60

educator (esp at LETI), author (more than 100 published works), inventor (more than 120 inventions), and won Stalin Prize in 1943 and 1952.

24(7) PHASE I BOOK EXPLOITATION SOV/1700

Leningrad. Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii, 1956.
t. III: Atomnaya spektroskopiya (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol 2: Atomic Spectroscopy) (Trudy) Izd-vo L'vovskogo univ., 1958. 568 p. (Series: Its: Trudy, vyp.4(9)) 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.); B.S. Neporent, Doctor of Physical and Mathematical Sciences; I.I. Sobel'skiy, Doctor of Physical and Mathematical Sciences; V.A. Fabrikant, Doctor of Physical and Mathematical Sciences; V.G. Koritskiy, Candidate of Technical Sciences; S.M. Rayskiy, Candidate of Physical and Technical Sciences; L.K. Klimovskaya, Candidate of Physical and Mathematical Sciences; V.S. Milyanchuk (Deceased), Doctor of Physical and Mathematical Sciences; A.Ye. Glauberman, Doctor of Physical and Mathematical Sciences; Ed.: S.L. Gaser; Tech. Ed.: T.V. Saranyuk.

PURPOSE: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectrography presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, physicochemical methods for controlling uranium production, physics and technology of gas discharge, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and the combustion theory, spectrum analysis of ores and minerals, photographic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and atlases of spectral lines, spark spectrographic analysis, statistical study of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

Card 2/31

Card 11/31

BOROVSKIY, I.B.; SKOTNIKOV, S.A.; PETRUSHIN, I.F.

Spectroscopic determination of nitrogen in metals. Trudy Inst.met. no.3:276-282 '58. (MIRA 12:3)
(Nitrogen--Spectra) (Gases in metals) (Spectroscope)

SKOTNIKOV, S.A.

66353
SOV/81-59-19-67687

5.5310, 18.8400

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 19, p 118 (USSR)

AUTHORS: Borovskiy, I.B., Skotnikov, S.A.

TITLE: An Installation for the Analysis of Nitrogen in Metals and the Analysis of Gas in Small Samples

PERIODICAL: Fiz. sb. L'vovsk. un-t, 1958, Nr 4(9), pp 217 - 222

ABSTRACT: A low-voltage spark from an electron tube generator permitting wide variations of the parameters of the discharge circuit serves as light source for the determination of N in steel at concentrations of 0.0045 - 0.18%. A phase shifter permits to select the phase for the kindling pulses, a waiting multivibrator ensures a large amplitude of the peak at a small amplitude of the output tension. The phase inversion circuit permits to cause kindling by pulses of both signs with a frequency of 100 cycles. Two double conversion cells permit to kindle a spark in every half-cycle as well as in every second, fourth or eighth half-cycle. The pulse passes to a cathode follower and from it to a TG-235 thyratron. The pulse given by the thyratron is transformed to a tension of 20 kv and enters an autotransformer circuit with an

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SKOTNIKOV, S.A.

Spektralynoe opredelenie azota v razlichnykh markakh stali.

report submitted for the 5th Physical Chemical Conference on Steel Production.

MOSCOW 30 JUN 1959

SKOTNIKOV, S.A.

Porovskiy, I.E., and S.A. Skotnikov (Institute of Metallurgy, Academy of Sciences USSR). Apparatus and Methods of Spectral Determination of Hydrogen in Titanium, p. 165. Titan i yego splavy. vyp. II: Metallurgiya titana (Titanium and Its Alloys. No. 2: Metallurgy of Titanium) Moscow, Izd-vo AN SSSR, 1959. 179 p.

This collection of papers deals with sources of titanium; production of titanium dioxide, metallic titanium, and titanium sheet; slag composition; determination of titanium content in slags; and other related matters. The sources of titanium discussed are the complex sillimanite ores of the Kyakhtinskoye Deposit (Buryatskaya ASSR) and certain aluminum ores of Eastern Siberia. One paper explains the advantages of using ilmenite titanium slags for the production of titanium dioxide by the sulfuric acid method. Production of metallic titanium by thermal reduction processes (hydrogen, magnesium, and carbon reduction) is the subject of several papers, while other papers are concerned with the electrolytic production of titanium. Other subjects dealt with are interaction of titanium with water vapor and with hydrogen and the determination of titanium in slags.

BOROVSKIY, I.B.; SKOTNIKOV, S.A.

Apparatuses and methods of spectrum determination of hydrogen in titanium. Titan i ego splavy no.2:165-173 '59. (MIRA 13:6)

1. Institut metallurgii AN SSSR.
(Spectrograph) (Titanium--Hydrogen content)

SOV/48-23-9-34/57

24(7)
AUTHOR: Skotnikov, S. A.

TITLE: The Determination of Nitrogen in Chromium and Titanium

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 9, pp 1128 - 1130 (USSR)

ABSTRACT: In the introduction excitation and entry into the discharge space are described as the most important problem in the spectroscopic determination of gases in metals. As considerable influence is ascribed to the stability of nitrides, the conditions of a determination of nitrogen in titanium and chromium were investigated, the nitrides of which have different degrees of stability. Experiments, however, showed that the dependence of log I_1/I_b (I_1= line intensity, I_b= background intensity) on the discharge conditions are equal for both metals. The influence exercised by the capacitance and the inductivity of the discharge circuit on the quantity log I_1/I_b is discussed, and table 1 shows the influence of the discharge gap upon this quantity. The highest degree of sensitivity was found to occur, under the experimental conditions described

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here, in the case of an electrode gap of 0.5 mm. 300-200 torr was found to be the most favorable pressure. A comparison of the most favorable conditions of nitrogen determination in steel shows that uniform conditions exist for the determination of nitrogen. A decrease of the frequency of ignition pulses leads to an increase of absolute sensitivity, but in steel and chromium this occurs at the expense of a decrease of concentration-sensitivity. If only every fourth semiperiod is used, the calibration curve has a slope of about 40° and the error in determination is about 0.05%, the sample being connected as a cathode when this method is applied. The titanium samples used as standards were analyzed at the analytical laboratory of the IMET (Institute of Metallurgy), and the method dealt with here was checked at the TsNIIChM (Central Scientific Research Institute for Ferrous Metallurgy). In conclusion, the following analysis conditions are recommended for the nitrogen determination in steels, chromium, and titanium: a low-voltage spark as a light source capacitance of 400 μF, inductivity of 10 μH, protective gas CO_2 with a pressure of 200-300 torr, electrode gap 0.5 mm, antielectrode of copper. Under these conditions an optimum absolute sensitivity is

attained. In steel and chromium the discharge should take place at every semiperiod, in the case of titanium only at every fourth. Yu. A. Chumakov took part in the work that concerned titanium. There are 2 tables and 4 Soviet references.

ASSOCIATION: Institut metallurgii Akademii nauk SSSR (Institute of Metallurgy of the Academy of Sciences, USSR)

PHASE I BOOK EXPLOITATION SOV/4557

Akademiya nauk SSSR. Institut metallurgii

Metallurgiya, metallovedeniye, fiziko-khimicheskiye metody issledovaniya (Physicochemical Research Methods in Metallurgy and Metal Science) Moscow, Izd-vo AN SSSR, 1960. 151 p. (Series: Its: Trudy, vyp. 6) 3,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni A.A. Baykova.

General Ed.: I.P. Bardin, Academician (Deceased); Resp. Ed. for this Vol.: Y.N. Borovskiy, Doctor of Physics and Mathematics, and K.P. Gurov, Candidate of Physics and Mathematics; Ed. of Publishing House: K.P. Gurov, Candidate of Physics and Mathematics; Tech. Ed.: O.M. Ous'kova.

PURPOSE: This collection of articles is intended for researchers in metallurgy and metal science and for scientists engaged in developing physicochemical methods of analysis.

Physicochemical Research Methods (Cont.) SOV/4557

COVERAGE: The collection contains 21 studies by members of the Laboratoriya fizicheskikh metodov issledovaniya (Laboratory of Physical Analysis Methods) of the Institut metallurgii imeni A.A. Baykova AN SSSR (Metallurgical Institute imeni A.A. Baykov, Academy of Sciences USSR), published in 1958-59. The articles are concerned with the experimental and theoretical study of physical characteristics of diluted solid solutions and compounds with special properties. The purpose of these studies is to establish the interrelation between the electronic structure of atoms and the structural characteristics of metallic compounds of certain systems. Some of the articles contain results obtained by applying new physical analysis methods, including the X-ray spectrum method (for analyzing the composition of microvolumes of alloys) and the microfocused X-ray spectroscopic method. Other articles describe the new RSM3h-2 and RSM3h-2D apparatus used in the analysis. The first article, by Y.N. Borovskiy, deals with the accomplishments and trends of Soviet research in metal science and metallurgy. References accompany each article. Also included is a bibliography containing 385 works by members of the Metallurgical Institute imeni A.A. Baykov. This bibliography was first published in 1956.

Physicochemical Research Methods (Cont.) SOV/4557

Physicochemical Research Methods (Cont.) SOV/4557

Bibliography of Works Published by Scientists of the Metallurgical Institute imeni A.A. Baykov, Academy of Sciences USSR, in 1956 [Compiled by I.K. Shaporenko] 138

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Skotnikov S.A.

PHASE I BOOK EXPLOITATION SOV/2617

Akademiya nauk SSSR. Komissiya po analiticheskoy khimii

Analiz gazov v metallakh (Analysis of Gases in Metals) Moscow, 1960. 304 p. (Series: Trudy, tom. 10). Errata slip inserted. 4,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo. Komissiya po analiticheskoy khimii.

Resp. Ed.: A.P. Vinogradov, Academician; Ed. of Publishing House: A.L. Bankvitser; Tech. Ed.: V.V. Brunglt.

PURPOSE: This book is intended for laboratory personnel concerned with gas analysis in metals.

COVERAGE: This collection of articles is based on materials of the Commission on Analytical Chemistry AS USSR on problems dealing with gas analysis in metals. The articles present data on: 1) The vacuum-fusion method, developed by European scientists and the Soviet scientists N.P. Chizhevskiy and V.A. Klyachko, for the analysis of gases in steel and aluminum, and now applicable to analysis of gases in other metals. 2) The research of Z.M. Dunayeva and coworkers at the Institute of Geochemistry and Analytical Chemistry imeni V.I. Vernadskiy AS USSR, Moscow, making it possible to evaluate the practicability and limits of application of the different analytical methods. 3) The contributions of V.A. Klyachko and coworkers in their study of thermodynamic methods for the evaluation of suitable conditions for carrying out analysis. 4) The determination of gases in metals by the sulfurous method as developed by A.K. Babko. 5) The spectrum isotope method for the determination of hydrogen as developed by A.N. Zaydel' and coworkers. The authors of these articles systematize and review critically the various analytical methods, describe the apparatus used in analysis, and indicate the basic trends of research. References accompany most of the articles.

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SKOTNIKOV, S.A.

SKOTNIKOV, S.A.

Methods and results of the quantitative spectrum analysis of gases in metals. Trudy Inst. met. no.6:117-123 '60.
(MIRA 13:8)

(Gases in metals) (Spectrum analysis)

SKOTNIKOV, S.A.

Unit for the emission spectral determination of nitrogen in metals in a rarefied low-voltage spark. Trudy kom.anal.khim. 10:281-289 '60. (MIRA 13:8)

1. Institut metallurgii im. A.A. Baykova AN SSSR, Moskva.
(Nitrogen--Spectra) (Chemical apparatus)

S/137/62/000/004/192/201
A154/A101

AUTHOR: Skotnikov, S. A.

TITLE: On the spectral determination of nitrogen in various steel grades and the purification of metals during spark-treatment in pure gases

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 4, abstract 4K20 ("Fiz.-khim. osnovy proiz-va stali", Moscow, AS USSR, 1961, 337-341)

TEXT: Results of determination of N in steel by spectral analysis are considerably affected by the "third"components. This effect is present in various gases (He, CO_2, H_2) and in counter-electrodes from various materials (Cu, Al, W, C). Therefore, reference steel specimens used in steel analyses must always be of the same steel. Dependence of sensitivity on the spark circuit parameters is smooth; recommended values are as follows: spark circuit capacitance 300 - 400 μf, Z - 10 μH, exposure - 0.5 sec, supply network - 220 v. Spark-treatment of various metals in a gas free from N, conducted on spectrum analysis apparatus, showed considerable burning-out of N from Cu, W, Cr and various steels.

[Abstracter's note: Complete translation] L. Vorob'yeva

Card 1/1

SKOVNIKOV, S.A. (Moskva)

Spectral method of phase analysis of hydrogen compounds in chromium. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2:149-151 Mr-Ap '61. (MIRA 14:4)
(Chromium--Hydrogen content)
(Hydrogen compounds--Spectra)

SKOTNIKOV, S.A.; FEDOROVA, L.M.

Influence of "third" elements in the spectral determination of nitrogen in steels. Zav.lab. 28 no.5:555-557 '62. (MIRA 15:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni I.P.Bardina, Institut metallurgii imeni A.A. Baykova.
(Steel--Nitrogen content) (Spectrum analysis)

BOROVSKIY, Igor' Borisovich; SKOTNIKOV, Sergey Aleksandrovich; LYUSTIBERG, V.F., inzh., ved. red.; KHIMCHENKO, N.V., kand. tekhn.nauk, red.; SOROKINA, T.M., tekhn. red.

[Apparatus for the spectrum determination of gases in metal] Apparatura dlia spektral'nogo opredeleniia gazov v metallakh. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 22 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 33. No.P-58-86/3) (MIRA 16:3)
(Gases in metals) (Spectrum analysis)

SKOTNIKOV, S.A.

Determination of nitrogen in metals. Trudy Inst. met. no.15: 43-53 '63. (MIRA 16:9)
(Gases in metals) (Nitrogen--Spectra)

SKOTNIKOV, S.A.; SAVEL'YEV, Yu.A.

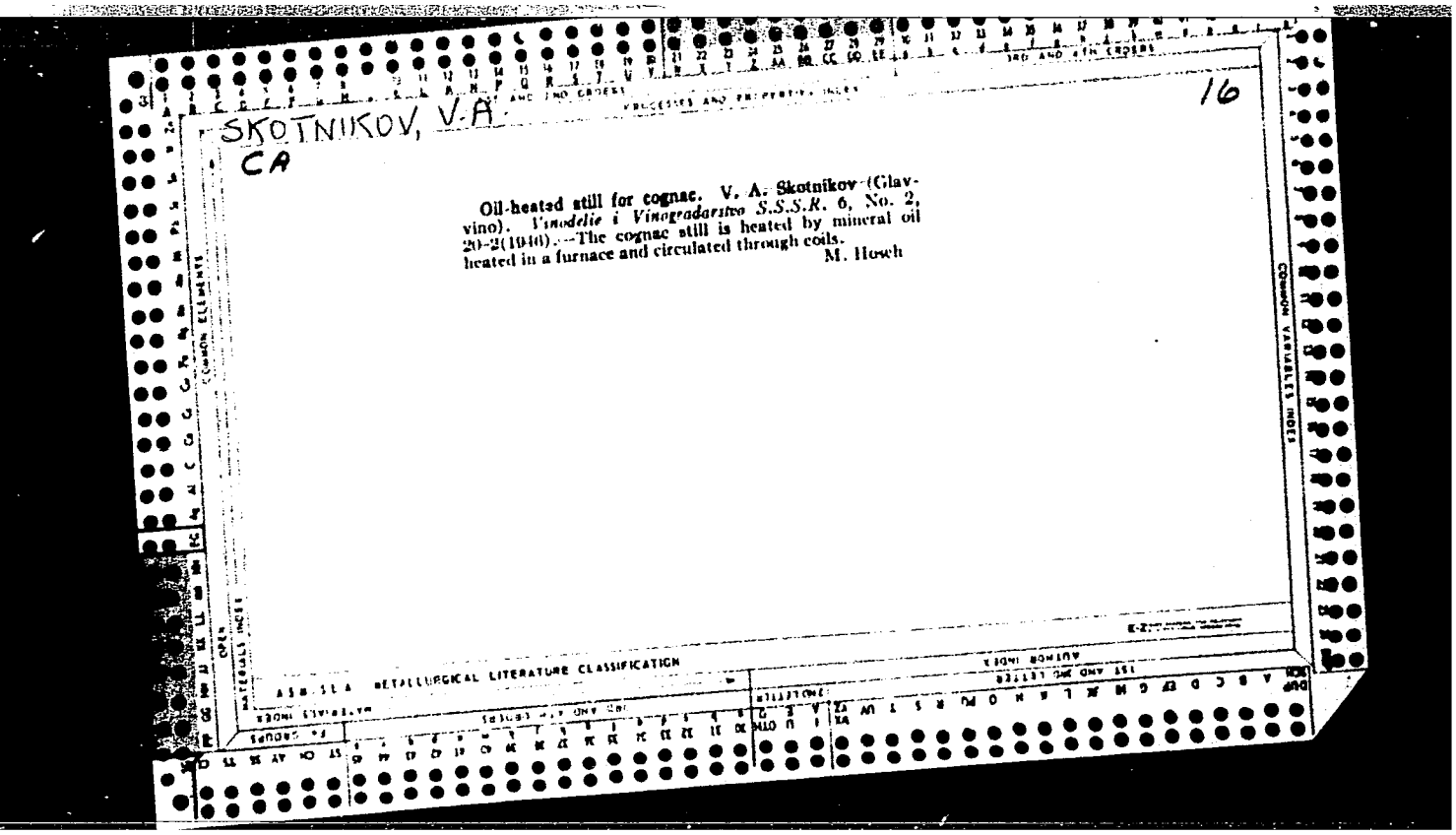
Device for the heating of specimens for spectrum analysis. Trudy Inst. met. no.15:151-158 '63. (MIRA 16:9)
(Spectrum analysis) (Furnaces, Heating)

SKOTNIKOV, S.A.; SAVEL'YEV, Yu.A.

Device for the thermal analysis of metal specimens. Trudy Inst. met. no.15:159-162 '63. (MIRA 16:9)
(Metals—Analysis) (Thermal analysis)

SKOTNIKOV, V., obshchestvennyy avtoinspektor

Let us cooperate for the cause. Za bezop.dvizh. 4 no.2:10-11 F '62. (MIRA 15:5)
(Traffic safety)



SKOTNIKOV, V.A.

CA

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Oil-heated still for cognac. V. A. Skotnikov (Glavvino). *Vinodelie i Vinogradarstvo S.S.S.R.* 6, No. 2, 20-2(1946).—The cognac still is heated by mineral oil heated in a furnace and circulated through coils.
M. Hosch

SKOTNIKOV, V. A.

Investigation of the process of champagne formation in wine. V. A. Skotnikov. *Vinodelie i Vinogradarstvo S.S.S.R.* 10, No. 12, 18-22(1950); *Chem. Zentr.* 1951, II, 614.—A unique property of champagne is a slow and continuous sepn. of CO_2. Expts. were carried out to det. the effect of various factors, especially the CO_2 pressure, on such liberation of CO_2. M. G. Moore

SKOTNIKOV, V.A., inzhener.

One-bucket leaders abroad. Strei.i der.mashinostr. no.7:36-38 Jl '56. (Industrial power trucks) (MLRA 9:10)

SKOTNIKOV, V.A., inzhener.

Formation of dynamic loads in single bucket loaders during operation. Stroi. i dor. mashinostr. 2 no.4:12-15 Ap '57. (MLRA 10:6)
(Loading and unloading)

SKOTNIKOV, V.A., inzh.

Kinematics and dynamics of the lever mechanism of a single-bucket loader with front and rear unloading. Stroi. i dor. mashinostr. 2 no.11:12-15 N '57. (MIRA 11:1)

(Shoveling machines)

SKOTNIKOV, V.A., inzh.

Operating conditions of the running gear of DT-55 tractors having mounted equipment. Stroi. i dor. mashinostr. 3 no.9:9-10 S '58. (MIRA 11:10)

(Tractors)

SKOTNIKOV, V.A., inzh.

The D-443 ditch-cleaning machine. Stroi.i dor.mashinostr. 3 no.10:24 O '58. (MIRA 11:11)
(Earthmoving machinery)

SKOTNIKOV, V.A., inzh.

Effect of irregular motion of drive chains on the stability and durability of machines. Stroi.i dor.mashinostr. 4 no.5:14-16 My '59. (MIRA 12:7)

(Belts and belting)

SKOTNIKOV, V.A., inzh.

More about using elastic hoseless connections for hydraulic drives of road machinery. Stroi. i dor. mashinostr. 5 no.10:20-21 O '60. (MIRA 13:10)

(Earthmoving machinery--Hydraulic driving)

SKOTNIKOV, V.A., inzh.

Roadability of crawler tractors on soft soils. Mekh. i elek. sots. sel'khoz. 19 no.4:49-50 '61. (MIRA 14:11)

1. Spetsial'noye konstruktorskoye byuro po meliorativnym mashinam, Minsk.
(Crawler tractors)

SKOTNIKOV, V.A., inzh.

Roadability of crawler tractors. Trakt. i sel'khozmash. 33 no.1:4-7 Ja '63. (MIRA 16:3)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva.
(Crawler tractors--Dynamics)

SKOTNIKOV, V. A., inzh.

Performance of the crawler tread with an elastic balancing suspension. Torf. prom. 40 no.3:4-8 '63. (MIRA 16:4)

1. Konstruktorskoye byuro No. 2, Minsk.

(Peat machinery—Testing)

SKOTNIKOV, V.A., inzh.

Some characteristics of the performance of a crawler tractor on weak soils. Trakt. i sel'khozmash. no.1:15-18 Ja '64. (MIRA 17:4)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva.

SKOTNIKOV, V.A., inzh.

Evaluating the capacity of a crawler with elastic lugs. Stroi. i dor. mash. 9 no.9:15-16 S '64. (MIRA 17:11)

SKOTNIKOV, V.A., kand. tekhn. nauk

Investigating the KFN-1200 trench-cutting machine. Stroi. i dor. mash. 10 no.3:18-19 Mr '65. (MIRA 18:5)

KOVALENKO, G.M., inzh.; PESKOV, V.G., kand. tekhn. nauk; SKOTNIKOV, V.A., kand. tekhn. nauk

Present state and basic trends of the development of trenching and road-maintenance equipment. Stroi. i dor. mash. 10 no.3: 1-4 Mr '65. (MIRA 18:5)

SKOTNIKOV, V.A., inzh. (Minsk)

Recent developments in the reclamation of land in the German Democratic Republic. Gidr. i mel. 14 no.6:46-52 Je '62. (MIRA 15:9)

(Germany, East--Drainage)

TSYBUL'SKIY, B.A., prof.; SKOTNIKOV, V.I., dots.;

[Combined use of contrast media in the X-ray diagnosis of abdominal tumors; methodological manual] Kombinirovannoe kontrastirovanie v rentgenodiagnostike opukholei briushnoi polosti; metodicheskoe posobie. Moskva, Gos. nauchno-issl. rentgeno-radiologicheskii in-t, 1964. 75 p. (MIRA 18:6)

SKOTNIKOV, V.I.

SHTERN, V.N.; SKOTNIKOV, V.I.

Neurodystrophic periosteal and periarticular ossifications of the lower extremities following trauma of the spinal cord. Vest. rent. i rad. no.6:45-51 N-D '54. (MLRA 8:1)

1. Iz kafedry rentgenologii (i.o.zav. kandidat meditsinskikh nauk V.N.Shtern) Saratovskogo meditsinskogo instituta (dir. dotsent B.A.Nikitin) i kliniki neyrokhirurgii (zav. prof. V.M.Ugryumov) Saratovskogo nauchno-issledovatel'skogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (dir. kandidat meditsinskikh nauk A.A.Krylov)

(SPINAL CORD, wounds and injuries,
causing ossification of periosteal & periarticular spaces in lower extremities)
(WOUNDS AND INJURIES,
spinal cord, causing ossification of periosteal & periarticular spaces in legs)
(OSSIFICATION,
periosteal & periarticular of legs, caused by spinal cord inj.)
(LEG, diseases,
ossification of periosteal & perioarticular spaces, caused by spinal cord inj.)

SKOTNIKOV, Vasiliy Ivanovich

Neuro-dystrophy (paraossal'nyye and para artikulydrnyye ossifikatsii) of the Diseased with Shock of the Spinal cord.

Dissertation for candidate of a Medical Science degree. Chair of Rontgenology (head, Asst. Prof. V.N. Shtern) and Clinic of Neuro-Surgery Saratov "N.I.I. VOSKHITO", (Head, prof. V.M. Ugryumov), 1956

BABICHENKO, Ye.I., kandidat meditsinskikh nauk; SKOTNIKOV, V.I.

Ossification of the aural pinna. Vest.otorin. 18 no.2:72-73 Mr-Ap '56. (MLRA 9:7)

1. Iz kliniki neyrokhirurgii (zaveduyushchiy zasluzhennyy deyatel' nauki professor P.I.Kudin) Saratovskogo nauchno-issledovatel'skogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii i kafedry rentgenologii (zaveduyushchiy dotsent V.N.Shtern) Saratovskogo meditsinskogo instituta.
(EAR--DISEASES) (OSSIFICATION)

SKOTNIKOV, V.I.

Neurogenic osteoarthropathy in spina bifida posterior aperta. Vest. rent. i rad. 31 no.5:84-86 S-O '56. (MLRA 10:1)

1. Iz kafedry rentgenologii (zav. - dots. V.N.Shtern) Saratovskogo meditsinskogo instituta (dir. - dots. B.A.Nikitin)

(SPINA BIFIDA, compl.
neurogenic osteoarthropathy)
(JOINTS, dis.
neurogenic osteoarthropathy in spina bifida posterior aperta)

SKOTNIKOV, V.I.

Osseous neurodystrophy following injuries of the spinal cord. Vop.neirokhir. 22 no.6:32-34 N-D '58. (MIRA 12:2)

1. Kafedra rentgenologii i meditsinskoy radiologii Saratovskogo meditsinskogo instituta i kliniki neyrokhirurgii Saratovskogo nauchno-issledovatel'skogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii.

(SPINAL CORD, wds. & inj.
post-traum. ossification disord. (Rus))
(BONE AND BONES, diseases,
caused by spinal cord inj. (Rus))

SKOTNIKOV, V.I., kand.med.nauk; PROTOPOPOV, A.N.

Clinicoroentgenographic data on prolapse of the gastric mucosa into the duodenum. Terap. arkh. 30 no.3:83-88 Mr '58.
(MIRA 11:4)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav.-prof. B.A. TSybul'skiy) Ryazanskogo meditsinskogo instituta imeni I.P. Pavlova.
(STOMACH, diseases,
mucosal prolapse into duodenum, clin. aspects & X-ray (Rus)

SKOTNIKOV, V.I. (Ryazan', ul. Revolyutsii, d.19, kv.4); LYANDO, S.N.

Looser's transformation zone of the femoral neck. Vest.rent.i rad. 34 no.2:14-16 Mr-Ap '59. (MIRA 13:4)
(FEMUR NECK, radiography,
Looser's transformation zone (Rus))