KUTS'RUBA, I.N., inzh.

Automatic control of the angular velocity of a rotary converter using a magnetic amplifier. Trudy MIIT no.205:55-63 '65.
(MIRA 18:9)

KUTSURUBA, Ivan Vasil'yevich; BRYUKHATOVA, N.L., prof., red.

[Physical principles of the operation of magnetic amplifiers] Fizicheskie osnovy raboty magnitnykh usilitelei. Pod red. N.L.Briukhatova. Moskva, Mosk. in-t inzhenerov zhel-dor. transp. im. V.I.Stalina, 1961. 44 p. (MIRA 15:3)
(Magnetic amplifiers)

SAKUN, I.F. naukovyi spivrobitnik; KUTSURUBA, M.V., naukovyi spivrobitnik; PETRENKO, M.P., inzh.-mekhanik

Labor required in the over-all mechanization of sugar beet growing. Mekh. sil'. hosp. [9] no.5:14-15 My '58. (MIRA 11:6)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. (Ukraine--Sugar beets) (Labor productivity)

1. USHAKOV, A.F. - KUTSUBUBA, N.V.

2. USSR (600)

4. Beets and Beet Sugar

7. Using an M.D. Obryvko self-loader for loading sugar beets. Sakh. prom. 26 no. 11, 1952

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

SHAPOVALOV, P.T.; ZELINSKIY, A.A.; KUTSURUBA, N.V.; KUDARENKO, F.F.; GRIGOR'YEVA, A.I., red.; DEYEVA, V.M., tekhn. red.

[New technology for cultivating monospermous sugar beets]Vozdelyvanie odnosemiannoi sakharnoi svekly po novoi tekhnologii. Moskva, Sel'khozizdat, 1962. 94 p. (MIRA 15:12)
(Sugar beets)

BUZANOV, I.F.; SAMBUROV, V.I.; YEMETS, G.M.; ORLOVSKIY, N.I.; NEGOVSKIY, N.A.; FEDOROV, A.I.; GNEKOV, M.A.; KURBATOV, S.T.; MEL'NICHUK, A.N.; TONKAL', Ye.A.; GORNAYA, V.Ya.; ROZHDESTVENSKIY, I.G.; SIDOROV, A.A.; KUDARENKO, F.F.; BROVKINA, Ye.A.; GELLER, I.A.; DOBROTVORTSEVA, A.V.; VARSHAVSKIY, B.Ya.; KUTSUBUBA, N.V.; KUZ'MICH, S.I.; PRESNYAKOV, P.V.; USHAKOV, A.F.; SHEVCHENKO, V.N.; KHUCHUA, K.N.; PETRUKHA, Ye.I.; POZHAR, Z.A.; SHAPOVALOV, P.T.; AREF'YEV, T.I.; GRIGOR'YEVA, A.I., red.; BALLOD, A.I., tekhn. red.

[Sugar beets] Sakharnaia svekla. Moskva, Sel'khozizdat, 1963. 487 p. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. 2. Nauchnyye sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for all except Grigor'yeva, Ballod).
(Sugar beets)

TURKEVICH, O. M., zasluzhennyy vrach Ukrainskoy SSR; KUTSURUBA, Ye. N.; DANILYUK, S. I.

Use of methyldiazil and methyldiphacil in psychiatric practice. Vrach. delo no.3:16-19 Mr '62. (MIRA 15:7)

1. Kiyevskaya gorodskaya psikhonevrologicheskaya bol'nitsa imeni I. P. Pavlova.

(ANTISPASMODICS) (PSYCHIATRY)

KUTSYBA, A.M.

AYZENVERG, D.Ye. , geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, N.T., geolog; GLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSHOV, V.A., geolog; ZHUKOV, G.V., geolog; ZAMORIY, P.K., geolog; IVANTISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ya., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MOLYAVKO, G.I., geolog; NAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHTAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTIMOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GUSOVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologiia SSSR. Glav. red. P.IA.Antropov. Vol.5.[Ukrainian S.S.R., Moldavian S.S.R.] . . Ukrainskaia SSR, Moldavskaia SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1.[Geological description of the platform area] Geologicheskoe opisanie platformennoi chasti. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1958. 1000 p. [___ Supplement] ___Prilozhenila.

(Continued on next card)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920014-7"

AYZENVERG, D.Ye.---(continued) Card 2.
3 fold.maps (in portfolio) (MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geologii i okhrany nedr. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova). 3.Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov). 4. AN Ukrainskoy SSR (for Semenenko).
(Ukraine--Geology) (Moldavia--Geology)

GRECHKO, V.P., kand.tekhn.nauk; KUTSYGIN, M.D., inzh.

Effect of strip tension on the rolling pressure. Trudy Inst. chern. met AN URSR 17:31-37 '62. (MIRA 15:10)
(Rolling (Metalwork))

GRECHKO, V.P., kand.tekhn.nauk; KUTSYGIN, M.D., inzh.

Arm of the resultant in rolling with tension. Trudy Inst. chern. met. AN URSR 17:38-44 '62. (MIRA 15:10)
(Rolling mills)

L 04664-67 EWP(k)/EWT(m)/T/EWP(t)/ETI IJP(c) JD/HW/JG

ACC NR: AP6007115 SOURCE CODE: UR/0129/66/000/002/0050/0051

AUTHORS: Alferova, N. S.; Shevchenko, R. I.; Kutsygina, T. V. 47

ORG: All-Union Scientific Research Institute for Pipes (Vsesoyuznyy nauchno-issledovatel'skiy trubnyy institut) 46

TITLE: Cold deformation and annealing of alloy VT15

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 2, 1966, 50-51

TOPIC TAGS: chromium alloy, molybdenum containing alloy, alloy, aluminum containing alloy / VT15 alloy

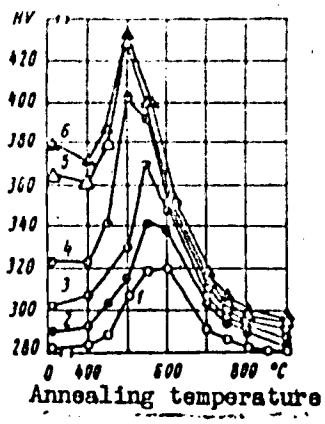
ABSTRACT: The cold deformation and the effect of thermal treatment on the structure and hardness of the cold-deformed alloy VT15 (3% Al, 6.5% Mo, and 10.7% Cr) were studied. The microstructure of the alloy was determined as a function of the thermal treatment (annealing followed by quenching in water followed by a second annealing stage). The mechanical properties of the alloy are compared with the corresponding properties of steel Kh18N10T, and the experimental results are shown graphically (see Fig. 1). It was found that an increase in the preliminary degree of deformation leads to an increase in the maximum hardness of the alloy and activates the aging processes in the alloy. A further increase in the temperature leads to a decrease in the hardness of the metal.

Card 1/2 UDC: 669.295'71'28'26:620.162.2

L 04664-67

ACC NR: AP6007115

Fig. 1. Effect of the annealing temperature on the hardness of alloy VT15 for different degrees of rolling: 1 - 0%; 2 - 5%; 3 - 20%; 4 - 40%; 5 - 70%; 6 - 90%.



kh

Orig. art. has: 3 graphs.

SUB CODE: 11/ 13/ SUBM DATE: none/ ORIG REF: 001

Titanium 27

Card 2/2

MOSHCHINSKAYA, N.K., doktor khim. nauk; KIRILLOVNA, A.G., kand. tekhn. nauk; KRUKOVSKIY, S.P.; MACHEKHOVICH, O.I.; POTIYEVSKAYA, S.A.; KRAVTSOV, V.S.; KUTSYGINA, V.V.; YEMELYANSKAYA, I.K.

New binders in the production of particle boards. Bum. i der. prom. no.2:14-15 Apr-Je '64. (MIRA 17:9)

ANDON'YEV, S.M., doktor tekhn.nauk; FILIP'YEV, O.V., kand.tekhn.nauk; KUTSYKOVICH, D.B.; GOL'DIN, Sh.L., inzh.

Evaporative cooling of cupola furnaces. Prom. energ. 19 no.3:21-26 Mr '64. (MIRA 17:4)

ZAMYATIN, Yu.V. [Zam'iatin, IU.V.]; ZAKHARIN, Ya.A.; KUTSYKOVYCH, M.B. [Kutsykovych, M.B.]; CHEREDNICHENKO, K.P.

Experimental industrial unit for growing large single crystals for scintillation counters. Khim. prom.[Ukr.] no.1:43-44 Ja-Mr '65. (MIRA 18:...)

L 10576-66 EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD

ACC NR: AP5025409 SOURCE CODE: UR/0181/65/007/010/3138/3139

37
B

AUTHOR: Bakradze, R. V.; Kutsykovich, M. B.; Shumakov, Yu. I.

ORG: All-Union Scientific Research Institute of Single Crystals, Kharkov (Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)

TITLE: Coefficients of linear expansion in single crystals of sodium iodide

SOURCE: Fizika tverdogo tela, v. 7, no. 10, 1965, 3138-3139

TOPIC TAGS: single crystal, sodium compound, iodide, thermal expansion, thallium

ABSTRACT: The coefficient of linear expansion was measured in NaI single crystals (with a thallium content of $\sim 2 \cdot 10^{-5}$, 0.41 and 0.52 wt.%). The specimens were cylindrical rods 50 mm long and 3 mm in diameter. Dilatometric curves are given in the 20-240°C range for heating and cooling at a rate of 200°/hr. The experiments were done on specimens containing water of crystallization, as well as on specimens preheated to 200°C. Anomalies were observed in the variation in length of the specimens containing water of crystallization at 70-80 and at 150-160°C. These irregularities showed up as a reduction in the length of the specimen during heating.

Card 1/2

L 10576-66
ACC NR: AP5025409

Cooling curves for the same specimens did not show these anomalies. This effect was not observed upon immediate reheating of the specimens. The anomalous variation in length during heating reappeared after the samples were held at room temperature in a humid atmosphere. The coefficient of linear expansion for NaI specimens predried at 200°C is proportional to temperature from 20 to 240°C and increases with thallium concentration. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 01Feb65/ ORIG REF: 000/ OTH REF: 000

HW
Card 2/2

L 04813-67 EWT(m)/EWP(w) IJP(c) EM
ACC NR: AP6025417 (A,N) SOURCE CODE: UR/0143/66/000/007/0033/0038

AUTHOR: Kutsylo, V. K. (Engineer) 30

ORG: Belorusskiy Polytechnic Institute (Belorusskiy politekhnicheskiy institut)

TITLE: Contactless control system for two phase str ss

SOURCE: IVUZ. Energetika, no. 7, 1966, 33-38

TOPIC TAGS: control system stability, stress analys s 74

ABSTRACT: The article describes the construction and operation of a control system. (See Fig. 1)

Card 1/3 UDC: 621.316.78.015

L 04813-67

ACC NR: AP6025417

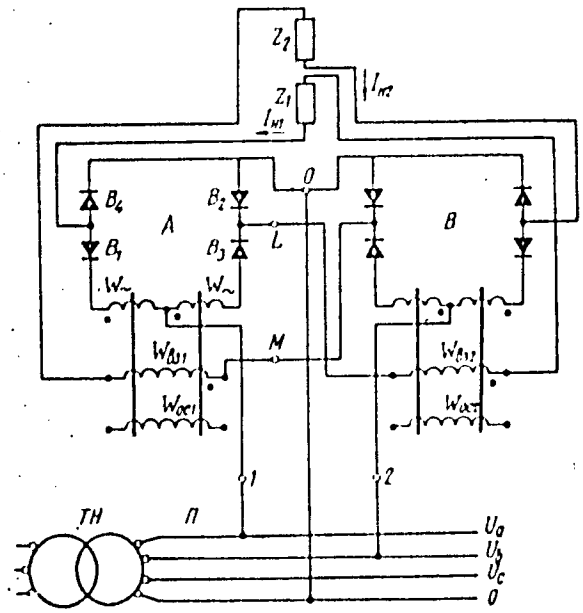


Fig. 1. Diagram of a contactless system for two phase stress control. $W_{\sim}$ is the winding for alternating current; W_{B3}^{1} and W_{B3}^{2} are the windings for the negative connections; π is the cutout.

Card 2/3

L 04813-67
ACC NR: AP6025417

With a simultaneous change in the stress of both phases being controlled in the direction of increase or decrease, there is a shift in the characteristics of the choke coils of such a nature that the total current of both choke coils $I\Sigma$ correspondingly increases or decreases, remaining a single valued function of the stress, and distributing itself equally between the choke coils. The system is recommended for the following cases: 1) in automatic cut-in equipment using contactless magnetic relays; 2) for control of two phase stress in electrical connections with minimum stress protection; 3) as a high reliability maximum stress control system in various types of automation schemes; 4) in cut-in transformers, in place of two minimum stress relays. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 10Dec65/ ORIG REF: 002

Card 3/3 gd

KUBYLO, V.K., inzh.

Regulated current rectifier for automatic control devices. Izv. vys. ucheb. zav.; energ. 8 no.11:15-20 N '65. (MIRA 18:11)

1. Belorusskiy politekhnicheskiy institut. Kafedra [illegible] tekhniki vysokikh napryazheniy.

S/143/60/000/010/011/011
A189/A026

AUTHORS: Minkovskiy, D. I., Candidate of Technical Sciences, Docent, and Kutsylo, V. K., Engineer

TITLE: The Third Conference on Dielectrics and Semiconductors of Schools of Higher Learning

PERIODICAL: Energetika, no. 10, 1960, 118

TEXT: Tret'ya mezhvuzovskaya konferentsiya po dielektrikam i poluprovodnikam (The Third Conference on Dielectrics and Semiconductors of Schools of Higher Learning) was convened on June 13 - 18, 1960, at the Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina) (Leningrad Electrotechnical Institute im. V. I. Ul'yanov (Lenin)). A total of 178 reports was read by different sections, as indicated, on the following problems: 1) Section of the Physics of Dielectrics: solid-state physics, discharge shaping and the influence of impurities. 2) Section of the Inorganic Dielectrics: dependence of the structure of glasses and ceramics upon their properties, the performance of these dielectrics at high frequency and increased temperature, and the improvement of the molding process of electro-

Card 1/3

The Third Conference on Dielectrics and...

lytic capacitors. 3) Section of the Organic Dielectrics: some properties of transformer oils. 4) Section of the Effects of Irradiation Upon Dielectrics and Semiconductors: the effects of gamma irradiation and of other sorts of irradiation upon the properties of materials. 5) Section of the Ferroelectrics and Ferrites: "termodiel'kograf" [Abstracter's Note: name of an instrument] for dielectric measurements and the properties of ferroelectrics and manganese-zinc ferrites. 6) Section of Crystals and Crystallization: growing and properties of monocrystals. 7) Section of the Physics of semiconductors: surface phenomena of semiconductors, galvanomagnetic properties of gallium arsenide and others. 8) Section of the Semiconductor Diodes and Transistors: the theory of the nature of semiconductor phenomena, their application, and the carbide-silicon diode. 9) Section of Photocells and Luminous Materials: new materials, investigation of their properties, influence of the ambient medium, and their application. 10) Section of Semiconductor Resistors and Thermoelectrical Instruments: varistors, circuit designing and the use of thermistors, and the production of semiconductor thermoelements. The following items were displayed at an exhibition organized at this conference: varistors, powerful germanium and copper-oxide

The Third Conference on Dielectrics and...

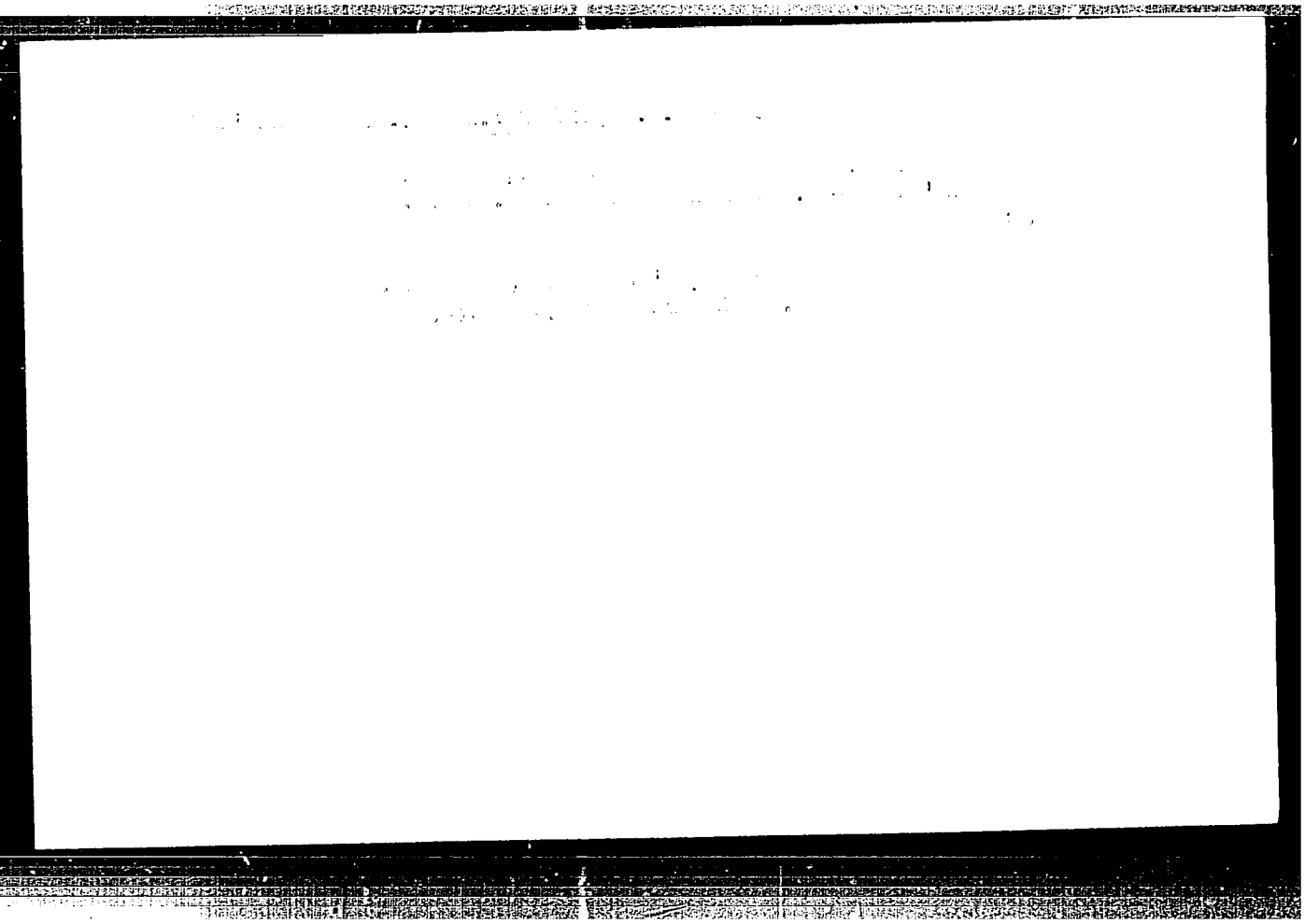
diodes, a long line of transistors, a non-vacuum electroluminescent screen, a 5-kw thermoelectric generator, new sorts of ceramics, organosilicon materials, latest dielectric on the basis of glass fiber and asbestos, and ferrites. In resolutions, among others, the conference recommended to intensify work in the field of ferrites and heat-resistant organic insulations, and to extend the training of specialists in the field of electric insulation by means of night and correspondence school instructions. [Abstracter's Note: Neither names of participitants nor the titles of individual papers are given in the article.]

SUBMITTED: June 27, 1960

Card 3/3

KUTSYN, L.M., inzh.; GRINBERG, V.I., inzh.; BASARGIN, V.A., inzh.

KUT-3.OB mobile feed distributor. Trakt. i sel'khozmash. no.9:40-41 S '65. (MIRA 18:10)



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920014-7"

KUTSYN, L.M., inzh.; TENENBAUM, L.V., inzh.; GRINBERG, V.L., inzh.

Turning screw conveyor. Mashinostroenie no.6:100 N-D '65.
(MIRA 18:12)

KUTSYN, L.M., inzh.; STARUNSKIY, M.A., inzh.

Angular joint of screw conveyors. Mashinostroenie no.2:92 Mr-Ap '65. (MIRA 18:6)

TENENBAUM, L.V., inzh.; VLASOV, Yu.A., inzh.; KUTYN, L.M., inzh.

Increasing the reliability and durability of manure conveyors.
Mashinostroenie no.3:100-101 My-Je '65. (MIRA 18:6)

OSIPOV, Yu.A.; OBUKHOV, N.N.; KUTSYN, N.I.; KOLEVATOV, P.A.

PermNIUI-10 equipment for injecting water into a seam. Nauch. trudy PermNIUI no.6:191-202 '64. (MIRA 18:2)

OSIPOV, Yu.A.; OBUKHOV, N.N.; KUTSYN, N.I.; KOLEVATOV, P.A.

Introducing the PERMIUI-10 equipment set for injecting water into a seam. Biul.tekh.ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform.17 no.10:16-18 .) '64. (MIRA 18:4)

KUTSYN, P.V.

Effect of the lithological composition of rocks on core sampling. Izv.vys.ucheb.zav.; neft' i gaz 1 no.11:31-35 '58. (MIRA 12:5)

1. Azerbaydzhanskiy industrial'nyy institut im. M.Azizbekova. (Boring)

KUTSYN, P. V., Candidate Tech Sci (diss) -- "The effectiveness of operation of column chisels in the prospecting areas of Azerbaydzhan". Baku, 1959. 11 pp (Min Higher Educ USSR, Azerb Order of Labor Red Banner Industrial Inst im M. Azizbekov), 150 copies (KL, No 22, 1959, 116)

11(0), 14(5) SOV/152-59-1-4/3

AUTHOR: Kutsyn, P. V.

TITLE: Some Problems of Sampling the Core by Means of Turbo-bits (Nekotoryye voprosy otbora kerna turbodolotami)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1959, Nr 1, pp 21-25 (USSR)

ABSTRACT: In spite of the advantages of the turbo-bit the core samples obtained by means of it are mostly very small in quantity, and in the case of inclined bores the sampling is often unsuccessful. The article deals with the factors influencing turbo-bit sampling. With reference to the paper by A. S. Stanishevsk.y (Ref 1) a core sampling operation by means of the turbo-bit is more thoroughly studied. On the basis of this study the following conditions are mentioned as allowing profitable operation: 1) The angle θ between the axis of the bore and that of the turbo-bit must be rendered wider by lengthening the body of the bit (composite turbo-bits), by reducing the gap between the body of the bit and the wall of the bore, as well as by mounting the UBT above the turbo-bit. 2) In sampling inclined bores the curvature decrease must be reduced. This is done a) by increasing the rigidity of the tubes above the bit

Card 1/2

Some Problems of Sampling the Core by Means of Turbo-bits

by mounting the UBT above the bit, b) by adding curvature stabilizers to the body of the turbo-bit. 3) In core sampling the load on the bit head in the direction of the axis should be 10-14 t. There are 4 figures, 1 table, and 3 Soviet references.

ASSOCIATION: Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova (Azerbaydzhan Industrial Institute imeni M. Azizbekov)

SUBMITTED: June 10, 1958

KUTSYN, P.V.

Increasing core recovery in deep well drilling. Izv.vys.uchob. zav.; neft' i gaz 3 no.2:64 '60. (MIRA 13:6)
(Core drilling)

KUTSYN, P.V., kand.tekhn.nauk; SYSOYEV, Yu.D., inzh.

Efficient bracing of drill pumps. Bezop.truda v prom. 6 no.2:18-20 F '62. (MIRA 15:2)
(Oil well pumps)

KUTSYN, P.V., kand. tekhn. nauk; MAMEDOV, A.A., inzh.; ARZUMANOV, A.A., inzh.

Device for setting up and removing the AKB-3 wrench. Bezop truda v prom. 7 no.4:28 Ap '63. (MIRA 16:4)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti.
(Oil fields—Equipment and supplies)

GAZARYAN, G.S.; KUTSYN, P.V.

Place for setting the pipe setback in the working area of a drilling rig. Mash. i neft. obor. no.4:5-7 '64.
(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti v neftyanoy promyshlennosti, Baku.

KUTSYN, P.V., kand. tekhn. nauk; GAZARYAN, G.V.

Safety in the boring of holes in the United States. Bezop. truda v prom. 8 no.9:52-53 S '64 (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti v neftyanoy promyshlennosti.

KUTSYN, P.V.; TAMRAZOV, R.A.; GAZARYAN, G.S.

Structural defects of braking devices of drilling draw works.
Bezop.truda v prom. 9 no.4:19-21 Ap '65.
(MIRA 18:5)

KUTSYN, V.P.; GAZARYAN, G.S.

Producing safe equipment for deep drilling. Neft. khoz. 41 no.3:
4-8 Mr '63. (MIRA 17:11)

FATALIYEV, M.D.; GRISHINA, V.P.; KUTSYN, V.P.

Instrument for recording core formation. Mash. i neft. obor. no.5:27-28 '64. (MIRA 17:6)

1. AzNIIburneft'.

KUTSYNA, L.M.

The influence of solvents on Raman spectra of carboxylic acids and phenols. [In] A. Terenin and L. M. Kutsyna. [A. M. Gorkii State Univ., Kharkov.] *Trudy Akad. Nauk S.S.S.R., Ser. Fiz.* 17, 710 (1953). As a part of a study of the strength of acids, complex compds. formed by carboxylic acids and phenols with different solvents were studied spectroscopically. Reported are results on acetic acid, mono- and trichloroacetic acids, and phenol and its halogen derivs. in inert solvents (CCl_4), OH-contg. solvents (H_2O, MeOH, EtOH, BuOH), acetone, and dioxane in concns. 10, 20, 40, 60, 80, 90, 100%. In a 10% soln. of acetic acid in BuOH only C=O line 1705 is observed; in 20% and 40% soln. lines 1706, 1735 cm^{-1}, in 80% soln. lines 1660, 1703, and 1745 cm^{-1} are found. The relative intensity of line 1660 increases at higher concn. In concd. acetone soln. lines 1660, 1707, and 1745 cm^{-1}, in dioxane lines 1660, 1708, 1745 cm^{-1} were observed. In all OH-contg. solvents there is the same influence on the CO frequency; initially a H bond compd. C=O . . . H–O is formed. In acetone and dioxane dimers are formed. The H bond remains the same in all ales. because the relative strength remains const. There is a linear dependence of the frequency displacement of the CO frequency and the strength of the acid. Some data on phenol and derivs. are included but their interpretation still presents difficulties.

—S. Polyani

12-54 MEF

KUTSYNA, L.M.

USSR/ Physics - Spectral analysis

Card 1/1 Pub. 43 - 22/62

Authors : Kutsyna, L. M., and Shorygin, P. P.

Title : Combined light diffusion spectra in the zone of the absorption band

Periodical : Izv. AN SSSR. Ser. fiz. 18/6, 662-683, Nov-Dec 1954

Abstract : Experiments were conducted to determine what characteristics of absorption spectra will be of any value for the possibility of observing combined diffusion spectra in the zone of the absorption band. It is pointed out that the study of combined light diffusion spectra in the absorption band zone is possible only in the absence of fluorescence in the investigated part of the spectrum. It is shown that combined light diffusion spectra can be obtained much easier in zones of highly intensive and wide absorption bands than in zones of less intensive and narrower bands.

Institution : The N. D. Zelinskiy Inst. of Organ. Chem.

Submitted : .....

24.5500

82467
S/112/60/000/006/014/032

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1960, No. 6, p. 249 # 4.4812

AUTHORS: Kandyba, V. V., Kutsyna, L. M., Varchenko, A. A.[2], Lupashko, Ye. A.

TITLE: A Device for Measuring the Flame Temperature[2] by the Intensity of Spectral Lines

PERIODICAL: Tr. Komis. po pirometrii pri Vses. n.-i. in-te metrol., 1958, No. 1, pp. 69-76

TEXT: An installation has been developed at KhGIMIP for measuring the temperature of flames, in particular, the flame of a gas turbine engine with a photoelectric photometer having a high threshold sensitivity thus the intensity of the "D" spectral line of sodium can be measured. To obtain a "saturation" that is the black radiation in the spectral range of 0.1-0.2 A at temperatures of $\sim$2,000°K, an addition of sodium to the flame of $\sim 10^{13}$-10^{14} sodium atoms per 1 cm^3 to the flame is sufficient. This addition has practically no influence on the behavior of the flame. A concave longfocal diffraction grating is used in the installation. The mean square error of measuring a temperature of $\sim$2,000°K

Card 1/2

82467
S/112/60/000/006/014/032

A Device for Measuring the Flame Temperature by the Intensity of Spectral Lines

is 1%. The Fabri-Pero (Fabrie-Perau?) standard can serve as a basis for a protable device measuring the temperature of a technical flame with a low background level. The optical circuit of the device consists of a condenser, color filter, lens with a stop, cutting out the central part of the interference pattern which enters the cathode of the photomultiplier of the photometer. A new optical system for measuring the flame temperature using a sodium resonance lamp is also proposed. The lamp has a special extension where sodium is placed. By regulating the temperature of the extension, the intensity of the resonant radiation is controlled. The calibrating curve of the lamp can be built either by using the Plank law or experimentally by the calibrated temperature lamp "VIT-3" (LT-3).

M. S. K.

Card 2/2

26341
S/076/61/035/007/011/019
B127/B102

15.2630

AUTHORS: Krasovitskaya, R. M., Kantor, P. B., Kan, L. S., Kandyba, V. V., Kutsyna, L. M., and Fomichev, Ye. N.

TITLE: Determination of enthalpy and specific heat of boron oxide in the range 1000-2200°K

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 7, 1961, 1499-1501

TEXT: The authors studied a sample prepared by the Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D. I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D. I. Mendeleyev). In order to dry the preparation which contained 0.01-0.0[illegible]% Mg and water, it was slowly heated within 7-8 hr to 600-700°C at a pressure of [illegible] mm Hg. It was kept for about 5 hr at this temperature. A formation of bubbles was initially observed which ceased during heating. The sample was then heated up to 1000°C, during one hour, and looked then like colorless transparent glass. Investigation was carried out by means of a massive calorimeter

Card 1/4

Determination of enthalpy and specific ...

which consisted of an aluminum block 30 kg with lateral Pt-resistance thermometer. The aluminum block was hermetically enclosed in a vessel which was connected with a vacuum system. Cooling was performed by a double water jacket kept at 25 ± 0.05°C. A vacuum furnace was used for heating, consisting of an electric heater (a graphite tube of 600 mm length and 45 mm diameter), which was surrounded by coaxially arranged cylindric screens of graphite, tantalum, molybdenum and steel. The temperature was measured by means of a Pt-Rh-Pt thermocouple and an optical ЭОП-51 (EOP-51) pyrometer. Visual readings were made through a window in the furnace. The error of temperature measurement did not exceed 0.1% up to 1700°K and 0.3% up to 2300°K. The apparatus was evacuated to 10^{-4} mm Hg and then filled with argon (15-20 mm Hg) during the experiment. The ampuls were made from platinum which does not react with B_2O_3 up to 1650°K. Molybdenum was also suitable.

At temperatures above 1600°K the argon pressure was increased to 600-700 mm Hg. The results of measurement are summarized in the Table. The following interpolation formula was used: $H_T - H_{298.16} = 30.54T - 11920$ cal/mole and $C_p = 30.54$ cal/mole·degree (1000-2150°K). There are 1 table and

Card 2/4

Determination of enthalpy and specific...

9 references: 6 Soviet-bloc and 3 non-Soviet-bloc. The most recent references to English-language publications read as follows: Ref. 4: K. Keller, Contributions to the data of theor. Metallurgy, X, 1949. Ref. 2: I. C. Southard: J. Amer. Chem. Soc., 63, 3147, 1941.

ASSOCIATION: Institut mer i izmeritel'nykh priborov (Institute of Measures and Measuring Instruments)

SUBMITTED: October 17, 1959

Card 3/4

KUTSYNA, L.M.; VERKHOVTSEVA, E.T.

Effect of 1-methylphthalene on the optical characteristics of certain substituted oxazoles and oxadiazoles. Opt. i spektr. 12 no.6:785-787 Je '62. (MIRA 15:5)
(Oxazole--Optical properties) (Oxadiazole--Optical properties) (Nephthalene)

KUTSYNA, L.M.; SIDOROVA, R.P.; VOYEVODA, L.V.; ISHCHENKO, I.K.; DEMCHENKO, N.P.

Effect of the structure on the optical characteristics of derivatives of some five-membered heterocycles. Izv. AN SSSR.Ser.fiz. 26 no.10: 1304-1305 O '62. (MIRA 15:10)
(Heterocyclic compounds—Optical properties)
(Chemical structure)

KUTSYNA, L.M.; OGURTSOVA, L.A.; GREKOV, A.P.; SHVAYKA, O.P.

Use of oxadiazole derivatives as scintillation activators in various solvents. Opt. i spektr. 15 no.3:438-440 S '63.
(MIRA 16:10)

L 9864-63 EPF(c)/EWT(1)/EWT(m)/BDS--AFFTC/ASD/SSD--Pr-4--RM/WW/MAY/IJP(C)

ACCESSION NR: AP3001350 S/0048/63/027/006/0739/0744

65
64

AUTHOR: Kutsy*na, L. M.; Ogurtsova, L. A.

TITLE: Influence of the medium on the optical characteristics of some five-membered heterocyclic compounds [Report of the Eleventh Conference on Luminescence held in Minsk from 10 to 15 September 1962]

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v. 27, no. 6, 1963, 739-744

TOPIC TAGS: scintillators, effect of solvent, oxadiazole and derivatives

ABSTRACT: The purpose of the work was to investigate the influence of the solvent on the electronic spectra, the fluorescence yield and scintillation efficiency of oxadiazole derivatives. The experimental results were subjected to analysis using the theoretical inferences of Bakhshiyev, N. G. (Optika i spektroskopiya, 10, 717, 1961) regarding the relation between the Stokes shift and the parameters of the solvent. The solvents used included heptane, benzene, toluene, tetrahydronaphthalene, dioxane, anisole, chloroform, chlorobenzene, pyridine, acetone, ethyl alcohol, dimethylformamide, and acetonitrile. There were obtained

Card 1/2

L 9864-63
ACCESSION NR: AP3001350

the absorption and fluorescence spectra of 2,5-diphenyloxadiazole and a number of its derivatives with functional groups in the para position and of 2,5-diphenyloxazole. The absorption spectra were recorded on an SF-4 spectrophotometer; in recording the fluorescence spectra by means of an FEU-19 photomultiplier the SF-4 was used as the monochromator. A high-pressure discharge tube was employed for excitation. The spectra of some compounds are reproduced, and the frequencies evinced in the absorption and fluorescence spectra in different solvents are tabulated, as are the quantum yields and scintillation efficiencies. The experimental results are consistent with theory. The scintillation efficiency of 2,5-diphenyloxadiazole and its derivatives varies greatly, depending on the solvent, but there is no clear correlation between the scintillation efficiency and the quantum fluorescence yield of different oxadiazole derivatives in the same solvent and the same compound in different solvents. "The authors take this opportunity to thank O. F. Shvaika for making available the substances." Orig. art. has: 5 equations, 2 figures and 4 tables.

ASSOCIATION: none

Card 2/3

L 49008-65 EWT(m)/EPF(c)/EWP(j)/T/EWA(c) Pc-4/Pr-4 IJP(c) RM

ACCESSION NR: AR5007234 S/0081/65/000/002/D046/D046

39
B

SOURCE: Ref. zh. Khimiya. Sv. t., Abs. 2D33

AUTHOR: Kutsyna, L. M.; Verkhovtseva, E. T.; Poduzhaylo, V. F.

TITLE: Effect of impurities on the effectiveness of liquid scintillators

CITED SOURCE: Sb. Stsintillyatory i stsintillyats. Vyp. 3, materialy. Khar'kov, Khar'kovsk. un-t. 1963, 32-35

TOPIC TAGS: scintillation counter, Gamma ray counter, liquid scintillator, scintillator purity, isopropyldiphenyl, diphenyloxazole, triphenylpyrazoline, absorption spectrum, fluorescence spectrum

TRANSLATION: The authors studied the effect of the impurities present in isopropyldiphenyl on the effectiveness of liquid scintillators containing 2,5-diphenyloxazole and 1,3,5-triphenylpyrazoline. The absorption spectra were measured on an SF-4 spectrophotometer, while the fluorescence spectra were measured on an SF-4 which was used as a monochromator with an FEU-18 photoelectric energy receiver. The light source was an SVDSh-250 mercury vapor lamp, while the filter was a monochromator with a quartz prism. The scintillation effectiveness was measured on an FEU-19 from the photoelectric current, using Co-60 as the

Card 1/2

ACCESSION NR: AR5007234

source. Isopropyldiphenyl was synthesized by reacting diphenyl with isopropyl-chloride. An examination of the absorption and fluorescence spectra of isopropyldiphenyl, measured in the condensed phase, demonstrated the presence of impurities. The scintillation effectiveness of solutions of isopropyldiphenyl containing activators (diphenyloxazole and triphenylpyrazoline) was then measured. This showed that admixture of a solvent with long-wave fluorescence has a selective effect on the activator molecule. Isopropyldiphenyl, synthesized and purified by described methods, can be used to obtain a new effective scintillator containing 1,3,5-triphenylpyrazoline. Ta. K.

SUB CODE: NP, OC ENCL: 00

Card 2/2

L 16710-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RPL/ESD(gs)/BSD/AFWL/ASD(a)-5/
AS(mp)-2/APGC(b) RM
ACCESSION NR: AR5000785 S/0058/64/000/010/D047/D047

SOURCE: Ref. zh. Fizika, Abs. 10D368

AUTHORS: Tishchenko, V. G.; Verkhovtseva, E. T.; Kutsyna, L. M.; Distanov, B. G.

TITLE: Optical properties of some derivatives of 1, 3, 5-triphenyl- Δ^2-pyrazoline

CITED SOURSE: Sb. Stsintillyatory i stsintillyats. materialy. Khar'kov, Khar'kovsk. un-t., 1963, 126-129

TOPIC TAGS: absorption spectrum, fluorescence spectrum, luminescence quantum yield, scintillation activity, scintillator

TRANSLATION: The absorption and fluorescence spectra were determined for a series of derivatives of 1, 3, 5-triphenyl- Δ^2-pyrazoline (I), the quantum yields of luminescence (η) were measured in heptane, and the scintillation activity was measured in toluol and 1-methyl naphthalene. In the general case, the absorption spectra are represented by three bands. With weakening of the electron-donor properties of the substitute, the

Card 1/2

L 16710-65
ACCESSION NR: AR5000785

intensity of the two long-wave bands decreases, and the central band disappears completely in substances with electron-acceptor substitutes. With intensification of the electron-acceptor character, a shift of the long-wave band towards higher frequencies takes place, and is explained by the change in the energy of the 1,3 system of conjugation under the influence of the "5" position as a result of the action of the negative induction effect. The fluorescence spectra do not experience in general any noticeable changes under the influence of the substitute. The values of η , measured relative to the substance I, fluctuate in the interval value 0.8 -- 1.2. It is established that the derivatives of I can be used as highly effective additives to liquid scintillators based on either toluol or 1-methyl naphthalene. V. Korobkov.

SUB CODE: OC, OP ENCL: 00

Card 2/2

L 40987-65 EWT(m)/EPF(c)/EWP(j)/T/EWA(c) Pc-4/Pr-4 IJP(c) RM
ACCESSION NR: AR5005638 S/0081/64/000/022/B049/B050

SOURCE: Ref. zh. Khimiya, Abs. 22B329

AUTHOR: Kutsyna, L.M.; Grekov, A.P.; Lupashko, Ye. A.; Verkhovtseva, E.T.; Aleksandrova, D.M.; Titskiy, G.D.; Demchenko, N.P.

TITLE: The use of 1-methylnaphthalene in scintillation technology

CITED SOURCE: Sb. Stsintillyatory i stsintillyats. materialy. Khar'kov, Khar'kovsk. un-t, 1963, 203-208

TOPIC TAGS: scintillator, scintillation counter, methylnaphthalene, photoelectric current, luminescence, oxygen quenching, triphenylpyrazoline, terphenyl, radioisotope

TRANSLATION: The scintillation effectiveness of liquid scintillators prepared from solutions of PPO, BPO or 1,3,5-triphenylpyrazoline in 1-methylnaphthalene is 20-40% higher than that of p-terphenyl + POPOP in toluene. They are stable with time, relatively non-volatile (higher boiling points) and less toxic, and have luminescence at longer wavelengths (maximum at 3900-4500 A). Oxygen quenching is observed. The authors used the "kh.ch." brand of 1-methylnaphthalene, which was treated with chromic anhydride in aqueous acetic acid solution and distilled in a vacuum. An unknown impurity was

Card 1/2

L 40987-65

ACCESSION NR: AR5005638

detected in this preparation, but was shown to have no effect on the scintillation effectiveness. The scintillation effectiveness was determined from the photoelectric current in an FEU during irradiation with gamma rays from Ag-110. I. Keirim-Markus

ENCL: 00 SUB CODE: OP, OC

Card 2/2

KULAYNA, L.M.; VOYEVODA, L.V.; KORNILOVSKAYA, L.I.

Dipole moment of 1,3,5-triphenylpyrazoline-4 in the first electronic excited state. Opt. i spektr. 18 no.3:420-422 Mr '65. (MIRA 18:5)

AID P - 1585

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 15/21

Authors : Boryachek, A. F., Drozin, N. N., Zubakhina, Z. K., and Kutsyna, M. I.

Title : Study of the system Na^+, K^+/CO_3^{--}, SO_4^{--} -- H_2O at 100°C

Periodical : Zhur. prikl. khim., 28, no.1, 100-104, 1955

Abstract : The solubility isotherm of a quaternary system at 100°C has been studied. With an increase in temperature from 35 to 100°C no additional solid phases were formed. One table, 3 diagrams, 2 references.

Institution: All-Union Institute of the Soda Industry

Submitted : Jl 7, 1953

BORYACHEK, A.F.; DROZIN, N.N.; ZUBAKHINA, Z.K.; KUTSYNA, M.I.

The solubility isotherm in the system Na_2CO_3 -- $NaHCO_3$ --Na_2SO_4 -- H_2O at 100°. Zhur.neorg.khim. 2 no.7:1655-1657 Jl '57. (MIRA 10:11)

1. Nauchno-issledovatel'skiy institut osnovnoy khimii.
(Curves, Isothermic) (Solubility) (Systems (Chemistry))

DROZIN, N.N.; OVECHKIN, Ye.K.; NOVIKOVA, Ye.F.; KUTSYNA, M.I.

Causes of the incrustation of indirect saturator walls with calcium sulfate deposits. Koks i khim. no.12:32-36 '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut osnovnoy khimii.
(Coke industry--By-products) (Ammonia)

OVECHKIN, Ye.K.; DROZIN, N.N.; KUTSYNA, M.I.; NOVIKOVA, Ye.F.

Solubility of gypsum in a distilled liquor from the soda production. Zhur.prikl.khim. 33 no.4:788-796 Ap '60. (MIRA 13:9)
(Gypsum) (Soda industry)

OVECHKIN, Ye.K.; DROZIN, N.N.; KUTSYNA, M.I.; SHESTAKOVA, L.A.; GERASIMENKO, Ye.I.; Prinimali uchastiye: YEREMEYEV, V.S.; KATERINCHENKO, V.A.; VORONINA, L.A.

Scale formation in distillation columns of the soda manufacture. Zhur.prikl.khim. 34 no.9:1987-1995 S '61. (MIRA 14:9)
(Distillation apparatus)

KUTSYY, G.S.

Workers of the Ussuri Glass Factory in the struggle for Soviet rule in the Maritime Territory. Sovet. [illegible] no.19:165-170 '63. (MIRA 17:9)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya AN SSSR.

MAKSIMOV, L.; KUTSYY, P.

The "Kuban" State Farm on the new road. Zemledelie 25 no.2:3-10 F '63. (MIRA 16:5)

1. Direktor ordena Lenina sovkhoza "Kuban'", Krasnodarskiy kray (for Maksimov). 2. Glavnyy agronom ordena Lenina sovkhoza "Kuban'", Krasnodarskiy kray (for Kutsyy).

(Agriculture)

KUTSYY, S. S.

KUTSYY, S. S. -- "Problems of the Appearance and Historical Development of Human Consciousness in the Works of K. Marx and F. Engels." Min Higher Education Ukrainian SSR. Kiev, 1955. (Dissertation for the Degree of Candidate in Pedagogical Sciences).

So.: Knizhnaya Letopis', No. 8, 1956.

SOV/68-59-5-2/25

AUTHOR: Lisanskiy, S.I., and Kutsyy, V.K.

TITLE: Fitting Pneumatic Knocking Down Installations in Operating Coal Bunkers without using Welding Equipment (Montazh pnevmoobrusheniya v deystvuyushchikh ugol'nykh bashnyakh bez primeneniya ognevykh rabot)

PERIODICAL: Koks i khimiya, 1959, Nr 5, pp 4-5 (USSR)

ABSTRACT: A method of fitting prefabricated pneumatic installations (for knocking down hanging coal) in operating coal bunkers (i.e. containing coal) without using welding, is described and illustrated. There are 2 figures.

Card 1/1

ASSOCIATION: Orsko-Khalilovskiy metallurgicheskiy kombinat (Orsk -Khalilovo Metallurgical Kombinat)

KUTT, L.

Fruit-culture brigade of the Voidulipp Collective Farm. p.510

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Estonia. Vol. 14, no. 11, June 1959

Monthly List of East European Accessions, (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

KUTTA, Frantisek; YEVSTIGNEYEV, R.N.[translator]; SEMENOV, I.I. [translator]; ZAYTSEV, N.F., red.; KOROTEYEVA, Yu.I., tekhn. red.; REZOUKHOVA, A.G., tekhn. red.

[Hidden potentialities for increasing labor productivity]Rezervy rosta proizvoditel'nosti truda. S predisl. K.I.Klimenko. Moskva, Izd-vo inostr. lit-ry, 1962. 249 p. (MIRA 16:1)
Translated from the Czech.
(Agricultural machinery industry—Labor productivity)

K. Kuttanova-Koresova, V.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Ceramics, Glass, Binders, Concretes. - Ceramics. H-12b

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22112

Author : V. Kuttanova-Koresova
Inst : -
Title : Problems of Production of Colored Tiles.

Orig Pub : Stavivo, 1957, 35, No 10, 409-411

Abstract : The fundamental prerequisites and requirements, to which products, raw materials and molding masses should conform are presented; the production process is described.

Card 1/1

KUTTEL, D.

A simple colorimetric method of determining the iron content of syrup of hypophosphites. Gyogyszeresz 8 no.9:162-163 1 Sept 1953. (CIML 25:5)

1. Doctor, Pharmaceutics Inspector.

KUTTEL, Dezso

Determination of some physical constants of watery Tween 80 solutions of various concentration. Acta pharm. Hung. 36 no.1: 32-34 J '66.

HUTTELVAGER, Z.

TECHNOLOGY

Periodical: KVASNY PRUMYSL. Vol 4, no. 9, Sept. 1958.

HUTTELVAGER, Z. Remarks on the making of red wines. p. 207

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959, Uncl.

[illegible], Z.

"Comparison and evaluation of various methods of determining the sugar content in wine wort."

KVASNY PRUMYSL, Praha, Czechoslovakia, Vol. 5, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 7, No. 9, September 1959.

Unclassified.

K"TTI, P.

"The care of cattle and cattle products in stables without stanchions."

p. 493 (Sotsialistlik Pollumanjandus) Vol. 12, no. 11, Nov. 1957
Tallin, Estonia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

KUTTI, P.

Labor productivity in dairy barns. p. 62

SOTSIALISTLIK POLLUMAJANDUS. POLLUMAJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958

MONTHLY List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

KUTTI, P.

Dehorning of cattle. p. 365.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland, Vol. 13, no. 8, Aug. 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

KUTTI, P.

What should a cow stall look like in a dairy barn? p.464.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inżynierow I Technikow Sanitarnych Orgrzewnictwa i Garownictwa) Warszawa, Poland
Vol.13, no.10, Oct. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

KUITI, V.

The organizational aspect of cattle inspection needs a solution. p. 276.

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium)
Tallinn, Estonia. Vol. 13, no. 6, June 1958.

Monthly list of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.

Uncl.

KUTTNER, J.

"Flight in a glider; 600 km in four hours, March 19, 1952. Tr. from theEnglish," p. 25.
"Second World Glider Championship, Spain, 1952," p. 30.
"Flying Wing AV-36 glider," p. 35.

Above from Narodna Krila, Geograd, Vol 6, No 2, Mar./Apr. 1953, pp as listed.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

[illegible], [illegible]

[illegible]15 Kutubidze, A. I. Khirur[illegible] Lecheniye [illegible] Povrezhdeniy Perifericheskikh Nervov Konechnostey [illegible] Kliniki. Trudy (Tbilis. [illegible] Med. In-T), T. V, [illegible], [illegible] -- [illegible] Ruz. Yaz.— [illegible] Rus. Yaz

SO: Letopis', [illegible], 1949

Surgical Treatment of Traumatic Damage to Peripheral Nerves of Limbs with Clinical Materials

KUTUBIDZE, A. I. Docent

"Aeroceles of the Intestines," Khirurgiya, No.8, 1949

Chair Surgical Clinic Faculty, Pediatric and Sanitary Hygiene Faculty, Tbilisi Med. Inst.

KUTUBIDZE, A.I., dots.

Modified nerve suture. Khirurgiia Supplement:66 '57. (MIRA 11:4)

1. Iz kafedry fakul'tetskoy khirurgii Tbilisskogo meditsinskogo instituta i iz laboratorii gistopatologii nervnoy sistemy Instituta obshchey i eksperimental'noy patologii AMN SSSR.
(SUTURES)

1. KUTUBIDZE, L. YE.

2. USSR 600

4. Plankton - Avlabar, Lake

7. Plankton of Lake Avlabar and its environic conditions, Doklady Akademii Nauk SSSR, 11, No. 6, 1950.

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

KUTUBIDZE, L. Ye.

"Problems About the Fast Spreading of Hoof and Mouth Disease / Eremias Valox Pall.) in Georgia."

Tbilisi State University im. I. V. Stalin

Field: Zoology
Presented by: F. A. Zaytsev, Act Mem, 22 Dec 1950
Submission: 22 Dec 1950
Source: Soob. Adad Nauk, GSSR, Vol. xll, No. 5, 1951.

KUTUBIDZE, L.

Study of Iora River microfauna [in Georgian with summary in Russian]. Trudy Tbil. GU no.62:277-294 '57. (MIRA 11:7)

1.Tbilisskiy gosudarstvennyy universitet imeni Stalina, kafedra zoologii pozvonochnykh.
(Iora River--Fresh water fauna)

DZHANASHVILI, Archil Gavrilovich; KUTUBIDZE, Lavrosiy Yevseyevich; ZARKUA, Dimitriy Grigor'yevich; TSERTSVADZE, L., red.izd-va

[A guide to the birds of Georgia] Opredelitel' ptits Gruzii. Tbilisi, Izd-vo TGU im. Stalina, 1960. 321 p. [In Georgian] (MIRA 14:4)

(Georgia--Birds)

KUTUBIDZE, L.Ye.

A new species of the genus Hemidiaptomus from a body of water of the alpine zone of Georgia. Soob. AN Gruz. SSR 38 no. 3: 653-660 Je '65. (MIRA 18:12)

1. Tbilisskiy gosudarstvennyy universitet. Submitted Febr. 25, 1965.

[redacted], M. Ye

Kutubidze, M. Ye

"Results of studying the Biology of the Galliforms of the Kartaliniya-Kakhetiya Plateau." Published by the Acad Sci Georgian SSR. Acad Sc. Georgian SSR. Inst. of Zoology. Tbilisi, 1959. (Dissertation for the degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis' No 27, 2 July 1959

AUTUBIDZE, N. Ya.

Materials on the biological study of Eastern Georgian pheasants (Phasianus colchicus Lorenzi But.) [in Georgian with summary in Russian]. Trudy Zool.inst.AN Gruz. SSR 15:169-217 '56. (MLRA 10:8)
(Georgia--Pheasants)

KUTUBIDZE, M.Ye.

Reproduction of the Caucasian partridge (Alectoris graeca caucasica Suschkin). Soob. AN Gruz. SSR 18 no.5:611-618 My '57. (MLRA 10:9)

1. Akademiya nauk Gruzinskoy SSR, Institut zoologii, Tbilisi. Predstavleno chlenom-korrespondentom Akademii L.P. Kalandadze.
(Georgia--Partridges)

KUTUBIDZE, M.Ye.

Gallinaceous birds of the Alazan' basin [in Georgian with summary in Russian]. Trudy Inst. zool. AN Gruz. SSR. 16:137-155 '58.
(MIRA 11:12)

(Alazan' Valley--Gallinae)

KUTUBIDZE, M.Ye.

Ecology and distribution of the Georgian black grouse (Lyrurus mlokosiewiczi Tacz.) in Georgia. Trudy Inst. zool. AN Gruz. SSR 18:3-40 '61. (MIRA 15:6)

(Georgia—Grouse)

KUTUBIDZE, M.Ye.

Bunting Emberiza leucocephalos Gmel. in the vicinity of Tiflis. Soob. AN Gruz. SSR 39 no.1:197-198 Jl '65.
(MIRA 18:10)

1. Institut zoologii AN GruzSSR.