"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.

Electrolysis of brine in baths with an unfilled cathode space. Zhur. prikl. khim. 36 no.9:1958-1965 D '63. (MIRA 17:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

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KRISHTALIK, L.I.

Electrolysis in brine baths with a filled cathode chamber.
Zhur. prikl. khim. 36 no.10:2184-2192 O '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.; ROTENBERG, Z.A.

Overvoltage of the anodic evolution of chlorine on graphite.
Part 1. Zhur. fiz. khim. 39 no.2:328-334 F '65. (MIRA 18:4)

1. Gosudarstvennyy komitet khimicheskoy i neftanoy promyshlennosti, Moskva.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I. (Moskva)

Hydrogen overvoltage on mercury at low current densities. Zhur. fiz. khim. 39 no.3:642-648 Mr '65. (MIRA 18:7)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.

Hydrogen overvoltage on mercury at low current densities. Part 2: Concentrated solutions of HCl. Zhur. fiz. khim. 39 no.5:1087-1093 My '65. (MIRA 18:8)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.

Barrier-free electrode processes. Usp.khim. 34 no.10:1831-1845 O '65. (MIRA 18:11)

1. Institut elektrokhimii AN SSSR.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.

Stoichiometric number in electrode reactions. Elektrokhimiia 1 no.3:346-349 Mr '65. (MIRA 18:12)

1. Institut elektrokhimii AN SSSR.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTALIK, L.I.; ROTENBERG, Z.A.

Overvoltage of anodic separation of chlorine on graphite. Part 2. Zhur. fiz. khim. 39 no.4:907-912 Ap '65. (MIRA 19:1)

1. Submitted Nov. 19, 1963.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

L 38167-66 EWP(e)/EWT(m) WW/WH

ACC NR: AP6019240 (A) SOURCE CODE: UR/0364/66/002/003/0351/0353

AUTHOR: Krishtalik, L. I.; Rotenberg, Z. A. 54 B

ORG: Institute of Electrochemistry, Academy of Sciences, SSSR, Moscow (Institut elektrokhimii Akademii nauk SSSR)

TITLE: A study of the anodic oxidation kinetics of graphite 15

SOURCE: Elektrokhimiya, v. 2, no. 3, 1966, 351-353

TOPIC TAGS: graphite, anodic oxidation, kinetics, anode polarization, electrode, oxide formation, acid solution, electrochemical analysis, electrode potential, electric polarization, acid base equilibrium

ABSTRACT: Electrochemical oxidation of graphite was studied by analyzing polarization curves. Electrodes, fashioned into 1.5 x 1.5 x 0.5 cm spatulas from DEZ graphite, were polarized on both sides in phosphoric acid and phosphate buffer solutions, the latter sometimes containing 0.2 M Na_2SO_4. The polarization curves exhibited a semi-logarithmic dependence (φ-voltage as a function of log(i) - a/cm^3) with a slope b ranging from 160 to 180 mv. At a potential of 1.3 v relative to a water electrode in the same solution, the activation energy was 15 kcal. Similar values of b were obtained for different pH in base electrolytic solutions of 5 and 3 M perchlorate and 1.5 and 2 M sulfate. Composite data for the dependence of potential on pH in various solutions (3 M PO_4^{3-}, 5 M ClO_4^- and 1.5 M SO_4^{2-}) were presented. In some pH regions, for

Card 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

L 38167-66

ACC NR: AP6019240

O

all of the solutions, the electrode potential dropped about 0.06 v per unit increase in pH. In the sulfate and perchlorate solutions the potential was independent of pH below pH = 1. A gas analysis showed the principal product at the electrode to be CO_2, with CO and O_2 contents an order lower. The polarization curves were rationalized by assuming either slow decomposition of surface oxides (in the region where $\partial\varphi / \partial pH =$ 0.06 v) or slow electrochemical desorption of CO_2 upon division of water molecules ($\partial\varphi / \partial pH = 0$). The effect of the graphite surface on absorption and the injection of ions and molecules between graphite lattice planes were related to the polarization curves obtained in phosphate solutions at pH = 1 and 3. Orig. art. has: 2 figures.

SUB CODE: 07/ SUBM DATE: 30Jun65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 mc

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

L 45152-66 EWT(m)/EWT(m)/T IJP(c) DS/W/JH

ACC NR: AP6019238 (A) SOURCE CODE: UR/0364/66/002/003/0334/0339

AUTHOR: Bardina, N. G.; Krishtalik, L. I.

ORG: Institute of Electrochemistry, Academy of Sciences, SSSR, Moscow (Institut elektrokhimii Akademii nauk SSSR)

55
3

TITLE: Kinetics of the anodic generation of oxygen on graphite. II

SOURCE: Elektrokhimiya, v. 2, no. 3, 1966, 334-339

TOPIC TAGS: ~~pyrolytic~~ graphite, anodic oxidation, anode polarization, oxide formation, electric capacitance, electrochemical analysis, electric polarization, acid base equilibrium, electrode

ABSTRACT: A study was made of the anodic generation of oxygen on pyrolytic graphite in the potential range described by the Tafel equation. Anodic polarization curves in phosphate buffer and perchlorate solutions were given for pH ranging from 1 to 9.7 and voltage from 1 to 1.8 (saturated calumel electrode). The drop in electrode potential with pH is shown for a constant polarization current of 7.14×10^{-5} a/cm^2. In phosphate and in some concentrated perchlorate solutions, the potential dropped about 50 mv after increasing the pH to unity; at lower pH, the potential in perchlorate solutions was independent of pH. The electrode capacitance for drop in potential under steady state conditions is given in the equation

$$\varphi_t = \varphi_0 - b \ln\left(1 - \frac{i_0 \tau}{C \cdot b}\right),$$

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

L 38165-66

ACC NR: AP6019238

where i_0 = current density of polarization, to interruption and C (capacitance) = $i_0\tau/\Delta\varphi$. For much longer times

$$\varphi_t = \varphi_0 + b\ln\frac{C\cdot b}{i_0} - b\ln\tau.$$

Values for the capacitance of the graphite electrodes in 1M of phosphate buffer, calculated from the above equations, ranged from 41 to 103 mkf/cm^2. Explanations for the phenomena were based on analyzing the constant b. The cause of CO_2 formation was twofold: (1) the decomposition of surface oxides and (2) the electrochemical desorption of CO_2 per division of a water molecule. The first scheme

$$>CO + 2OH^- \rightleftarrows >\underset{\downarrow}{CO}(O) + H_2O + 2e^-.$$
$$CO_2$$

gave $\partial\varphi/\partial\,pH = -59$ mv, close to the experimental values, but did not fit the dependence of C on φ and pH. Orig. art. has: 4 figures, 3 tables.

SUB CODE: 07/ SUBM DATE: 18May65/ ORIG REF: 005/ OTH REF: 002

Card 2/2 mlp

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTAL'SKAYA, L.R. [Kryshtal's'ka, L.R.]; LESHCHUK, I.P.

Role of phagotype 80 Staphylococci in the origin of surgical infections. Mikrobiol. zhur. 27 no.3:35-38 '65.

(MIRA 18:6)

1. L'vovskaya oblastnaya bol'nitsa i L'vovskiy meditsinskiy institut.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTAL'SKAYA, L.R. [Kryshtal's'ka, L.R.]; KALITIEVA, L.I.

Comparative study of three methods of the determination of staphylococcal sensitivity to antibiotics. Mikrobiol. zhur. 26 no.2:22-25 '64. (MIRA 18:8)

1. L'vovskaya oblastnaya klinicheskaya bol'nitsa i L'vovskiy institut epidemiologii i mikrobiologii.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

RAYTSES, V.S.; KRISHTAL'S'KA, Ya.A.

Age factors in the motor function of the stomach during acute hypoxia in dogs. Medych.zhur. 22 no.3:59-62 '52. (MLRA 11:2)

1. L'vovs'kiy medichniy institut
(STOMACH) (ANOXEMIA)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRYSHTAL'SKAYA, L.R. (L'vov, ul. Ustianovicha, d.6, kv.4)

Dynamics of sensitivity to antibiotics and the properties and migration of the "surgical" staphylococcus. Klin. khir. no.10: 60-65 O '62. (MIRA 16:7)

1. 1-ye khirurgicheskoye otdeleniye (nauchnyy rukovoditel'- prof. A.I. Gnatyshak) L'vovskoy oblastnoy klinicheskoy bol'nitsy.
(ANTIBIOTICS) (STAPHYLOCOCCAL DISEASE)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

YUGOSLAVIA / Soil Science. Organic Fertilizers. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48667

Author : Krishtof, Stevan

Inst : Belgrad University

Title : Fertilizing Action of Natural Coal in Relation to Its Time of Exposure to the Air

Orig Pub : Zb. radova Poljoprivrednog fak. un-t Beogradu, 1956, 4, No 1, 67-84

Abstract : The application under mustard plants of freshly mined Mostarsk coal (extracted in the year 1952 in Bosnia and Herzegovina) resulted in increases in dry mass comprising 16.3% in the vegetal experiment and 113.6% in water culture. In both cases the green color of the leaves was deeper, the stems were sturdier, the leaves were larger, and the root system was better developed.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

YUGOSLAVIA / Soil Science. Organic Fertilizers. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48667

The effectiveness of coal exposed to the air since 1940 and 1946 was significantly lower; during the first stages, a suppression in growth was even observed, and in isolated cases, chlorosis. The author links the decrease of the coal's effectiveness to changes in chemical composition: the increase in fulvo-acids (9.88, 11,53, and 18.36%) corresponds to freshly mined coal which had been exposed since the years 1946 and 1940, and the decrease in pH (4.45, 4.00, and 3.5) also corresponds to the amounts of humic acids (30.27, 28.32 and 24.72%). -- B. D. Aleglan

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Krishtofik, Z.

POLAND/Forestry. Forest Biology and Typology. J-2

Abs Jour: Referat Zh-Biol., No 6, 1957, 22555

Author : Krishtofik, Zaremba
Inst : o
Title : Foliate Forests in Gzhegozhovitsi near Novaya Slupa.

Orig Pub: Chronmy przyr. ojcz., 1956, 12, No 1, 22-25

Abstract: The Polish larch singled out in 1913 by Professor Shafer prevails almost exclusively in Poland and is a very valuable variety. Its most beautiful and valuable cultivation, on the Khelm mountain near Novaya Slupa, was converted into a reservation utilized for obtaining high quality seeds. 53-56 years ago the seed from this planting was first utilized for creating cultivations on an area of 72 hectares in Gzhegozhovitski. Larch, which is the predominating variety in this planting, has at present an average diameter of 33 cm, average height of 24 m, and is distinguished by the beautiful form of its stem with a small highly raised crown.

Card : 1/2 -13-

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

POLAND/Forestry. Forest Biology and Typology. J-2

Abs Jour: Referat Zh-Biol., No 6, 1957, 22555

Up to age 10, the yearly growth increment was 2 cm in diameter, from 10 to 16 years of age -- 0.6 cm, but of recent years this diminished to 0.02 cm, as a result of poor care of the plantings. In the first formation, along with larch (which constitutes up to 50%), the plane tree, birch, white beech and maple are also found. In the second formation the plane tree predominates. In the underbrush there are hazelnut trees, cornel, spindle tree, snowball tree and bird-cherry tree. The character of the ground cover testifies to the soil fertility.

Card : 2/2 -14-

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, Afrikan Nikolayevich; BAYKOVSKAYA, Tat'yana Nikolayevna

[Sarmatian flora of the Krynka Valley] Sarmatskaia flora Krynki. Moskva, Nauka, 1965. 133 p. (MIRA 18:3)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, L.L.

Comparative effectiveness of different methods of treating tuberculous children of an early and preschool age. Sbor. trud. Kursk. gos. med. inst. no.16:247-251 '62.
(MIRA 17:9)

1. Iz detskogo tuberkuleznogo sanatoriya Kurskogo (glavnyy vrach L.L. Krishtofovich, nauchnyy rukovoditel' - dotsent S.I. Kopeliovich).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, L.V.

Tertiary paleogeography of southern Sakhalin. Avtoref. nauch. trud. VNIGRI no.17:207-214 '56. (MIRA 11:6)
(Sakhalin--Paleogeography)

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KRISTOFOVICH, L.V.

ANIKEYEV, N.P., glavnyy red.; BISKE, S.F., red.; BOBYLEVSKIY, V.I., red.: VAS'KOVSKIY, A.P., red.; VERESHCHAGIN, V.N., red.; DRABKIN, I.Ye., red.; YEVANGULOV, B.B., red.; YEFIMOVA, A.F., red.; ZIMKIN, A.V., red.; LARIN, N.I., red.; LIKHAREV, B.K., red.; MEMDER, V.V., red.; MIKHAYLOV, A.F., red.; NIKOLAYEV, A.A., red.; POPOV, G.G., red.; POPOV, Yu.N., red.; SAKS, V.N., red.; SEMEYKIN, A.I., red.; SIMAKOV, A.S., red.; TITOV, V.A., red.; SHILO, N.A., red.; EL'YANOV, M.D., red.; YAKUSHEV, I.R., red.: V redaktirovanii prinimali uchastiye: ANDREYEVA, O.N., red.; BAYKOVSKAYA, T.N., red.; BOLKHOVITINA, N.A., red.; BORSUK, M.O., red.; VASIL'YEV, I.V., red.; VASILEVSKAYA, N.D., red.; VOYEVODOVA, Ye.M., red.; YEVSEYEV, K.P., red.; KIPARISOVA, L.D., red.; KRASNYY, L.I., red.; KRISHTOFOVICH, L.V., red.; KULIKOV, M.V., red.; LIBROVICH, L.S., red.; MARKOV, F.G., red.; MODZALEVSKAYA, Ye.A., red.; NIKIFOROVA, O.I., red.; OBUT, A.M., red.; PCHELINTSEVA, G.T., red.; RZHONSNITSKAYA, M.A., red.; SEDOVA, M.A., red.; STEPANOV, D.L., red.; TIMOFEYEV, B.V., red.; KHUDOLEY, K.M., red.; CHEMEKOV, Yu.F., red.; CHERNYSHEVA, N.Ye., red.. DERZHAVINA, N.G., red.izd-va; GUROVA, O.A., tekhn.red.

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ANIKEYEV, N.P.---(continued) Card 2.
[Decisions of the Interdepartmental Conference on the Unified Stratigraphic Columns of the Northeastern Part of the U.S.S.R.] Reshenila Mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem dlia Severo-Vostoka SSSR, Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1959. 65 p. (MIRA 13:2)

1. Mezhvedomstvennoye soveshchaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem dlya Severo-Vostoka SSSR, Magadan, 1957.
(Soviet Far East--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, L.V.; IL'INA, A.P.

Biostratigraphy of Tertiary sediments on western Kamchatka.
Biul.MOIP.Otd.geol. 35 no.1:98-110 Ja-F '60.
(MIRA 13:7)
(Tigil' District (Kamchatka)--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, L.V.

Factors governing the determination of geological stages in Tertiary deposits of Sakhalin. Trudy VNIGRI no.154:84-141 '60.
(MIRA 13:9)
(Sakhalin--Paleontology, Stratigraphic)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOFOVICH, Lyudmila Vyacheslavovna; VOLKOVA, N.S., red.; ILINA, I.N., vedushchiy red.

[Tertuary molluska of Sakhalin] Mollliuski tretichnykh otlozhenii Sakhalina. Leningrad, Nedra, 1964. 342 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.232). (MIRA 18:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTOPAYTIS, M.

6945. KRISHTOPAYTIS, M. Razrushayushcheye deystviye alkogolya na organism cheloveka. [Lektsiya]. Vil'nyus. 1954. 31 l. 30sm. (M-vo kul'tury Litov. SSR. Glav. upr. kul't. -prosvet. uchrezhdeniy. Resp. lektsionnoye byuro. V pomosh'lektoru). 500 ek Bespl. -Otpech. mnozhit. apparatom.-Na pravakh rukopisi.-Bibliogr: l. 30.-Na litov. yaz. -[55-590] 613.81 + [616.3]

Knizhnaya Letopis' No, 6, 1955

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, A.Yu.

The DPK-01 magnetic toothed linear transducer. Stan. i instr. 34 no.11:40-41 N '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

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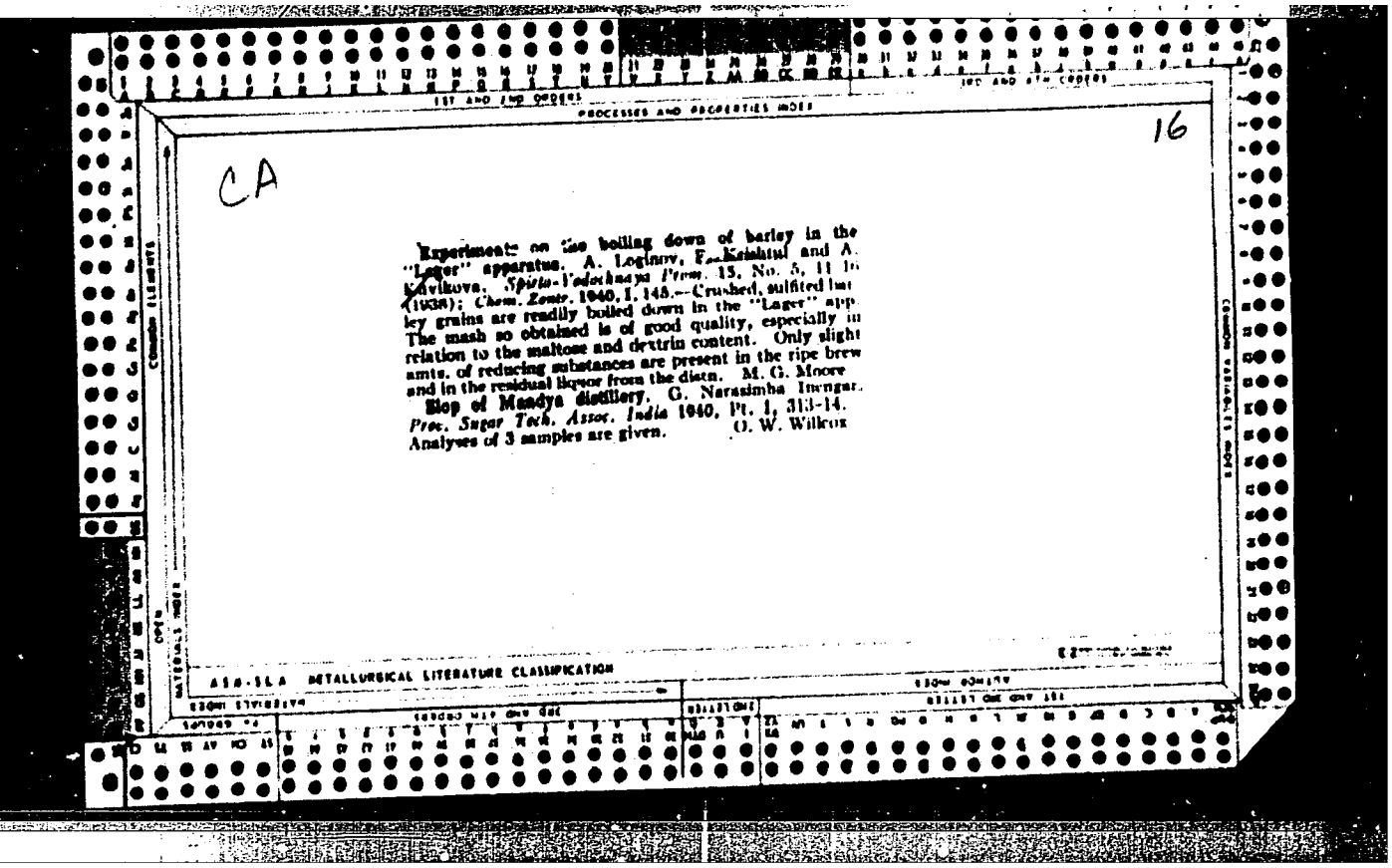

16

CA

Experiments on the boiling down of barley in the "Lager" apparatus. A. Loginov, F. Kashitul and A. Kovtunova. *Spirto-Vodochnaya Prom.* 15, No. 5, 11 In (1938); *Chem. Zentr.* 1940, I, 145.—Crushed, sulfited bar ley grains are readily boiled down in the "Lager" app The mash so obtained is of good quality, especially in relation to the maltose and dextrin content. Only slight amts. of reducing substances are present in the ripe brew and in the residual liquor from the distn. M. G. Moore

Slop of Mandya distillery. G. Narasimha Iyengar. *Proc. Sugar Tech. Assoc. India* 1940, Pt. 1, 313-14. Analyses of 3 samples are given. O. W. Willcox

A 58-5 LA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6473

Author: Malchenko, A. L., Krishtul, F. B., Skirstymonskiy, A. I., Kinzburskaya, F. M.

Institution: All-Union Scientific Research Institute of the Alcohol Industry

Title: Effect of Fermentation Conditions on Microflora Development in the Processing of Sugarbeets Molasses

Original Publication: Tr. Vses. n.-i. in-ta spirt. prom-sti, 1955, No 5, 71-77

Abstract: Investigations of the effects of concentration and acidity of the wort, alcohol content, amount of yeast inoculum and fermentation temperature, on development and action of wild lactic acid bacteria (LB) and leuconostocs (L). It was found that with increase in the concentration of wort, regardless of its initial acidity, proliferation of LB is reduced and increase in acidity of the wort is inhibited, whereas increase of the initial acidity of the wort reduces somewhat the

Card 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6473

Abstract: effect of its concentration, which is indicative of an additive action of these two factors. With an acidity up to 0.45° its increase becomes greater. With a concentration o f 30° by the saccharimeter and an acidity of 0.8°, activity of LB is inhibited appreciably. Optimal acidity of wort in alcoholic fermentation of molasses, on utilizing effective antiseptics, is of 0.3-0.5°. With a concentration of 22° and an acidity of 0.6°, increase in the concentration of alcohol decreases the activity of LB and L. Up to 5% the effect of alcohol is slight, at 7% it is appreciable, and at 10% terminates proliferation and activity of microorganisms. It is advantageous to raise the alcohol content of yeast to 6%. With increasing amount of yeast of race "Ya" activity of LB and L during fermentation is decreased. The presence of L in the wort does not affect proliferation of yeast of race "Ya." On increase of temperature of fermentation from 27 to 30° growth and acid production of LB and L are activated. On processing molasses for alcohol it is recommended to maintain a high concentration of the wort, a high concentration of alcohol during the initial stages of fermentation and a high content of yeast cells.

Card 2/2

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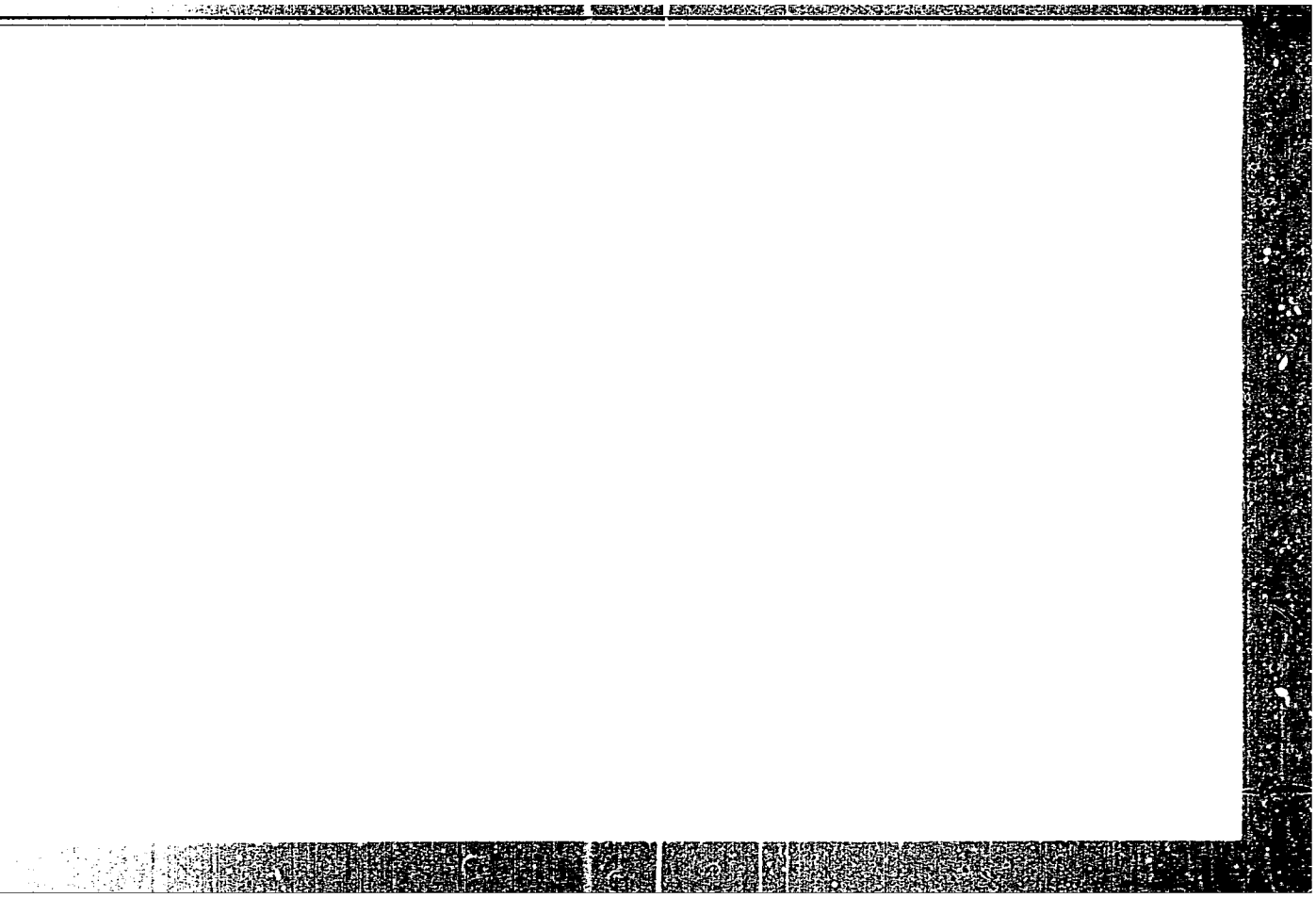

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

The utilization of vinasse from alcohol factors which use beet-sugar molasses as raw material. A. I. Ma[illegible] P. B. Krhotul and [illegible] Lokhvitsk[illegible]

Vinasse (spent wash) [illegible] then freed from [illegible] $CaCO_3$ + Na_2SO_4 [illegible] it is evapd. [illegible] 75% [illegible] and then the glycerin is distd. off *in vacuo*, which leaves a vinasse with 90% solids; this in turn is dild. to 75% solids and [illegible] in thin layers (suitable app. presented as drawings) [illegible] heat of combustion is utilized and a salt [illegible] as ash [illegible] approx. 600–700° [illegible]. The ash [illegible] filters and has approx. the following [illegible] Na_2CO_3 20–2[illegible], K_2SO_4 12–14, K[illegible] water insol. 6.8%. [illegible] the alk[illegible] this ash contains 63–70% the [illegible] 75% solids vinasse furnishes 7[illegible]

[illegible]

(2)

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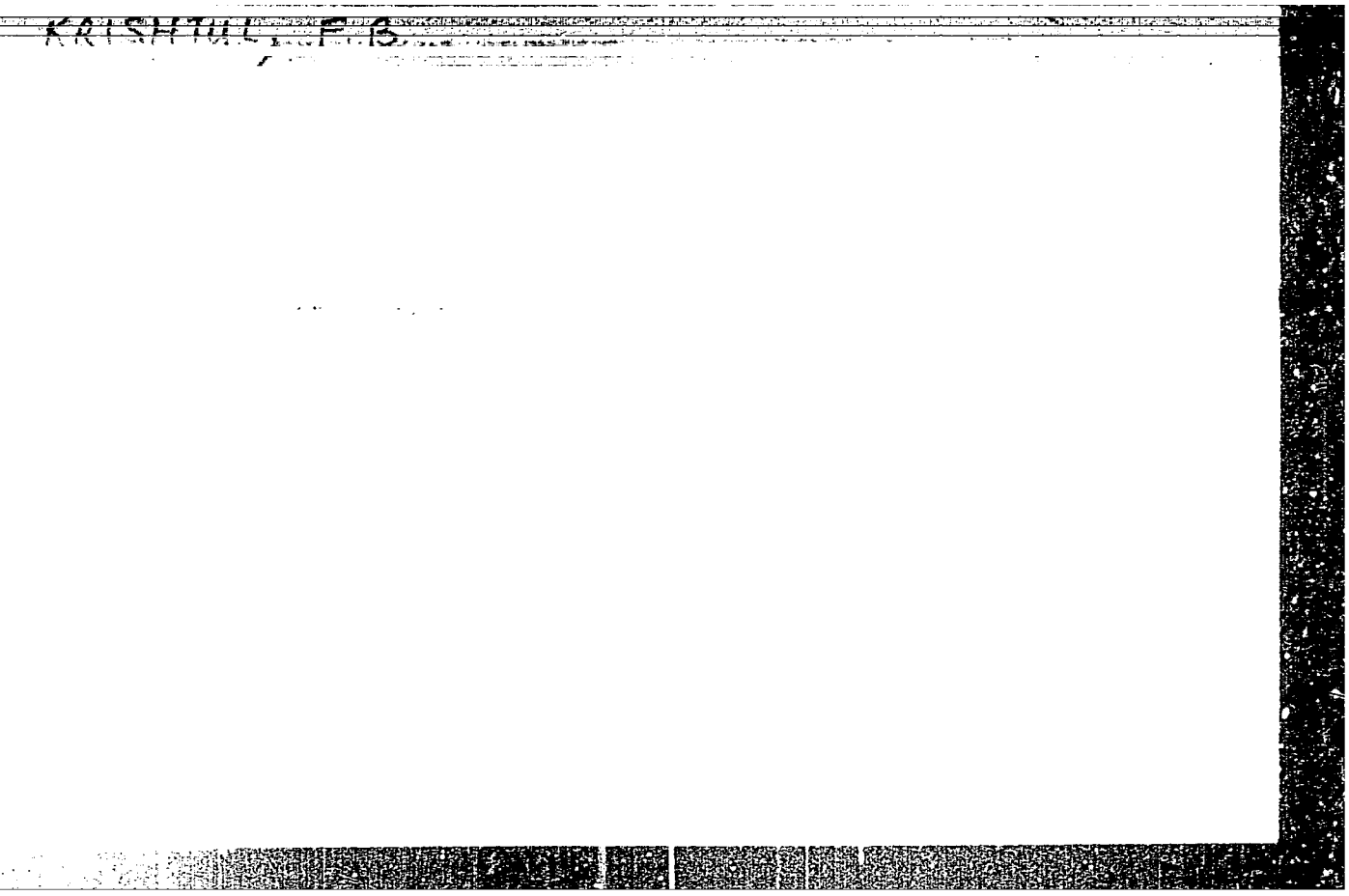

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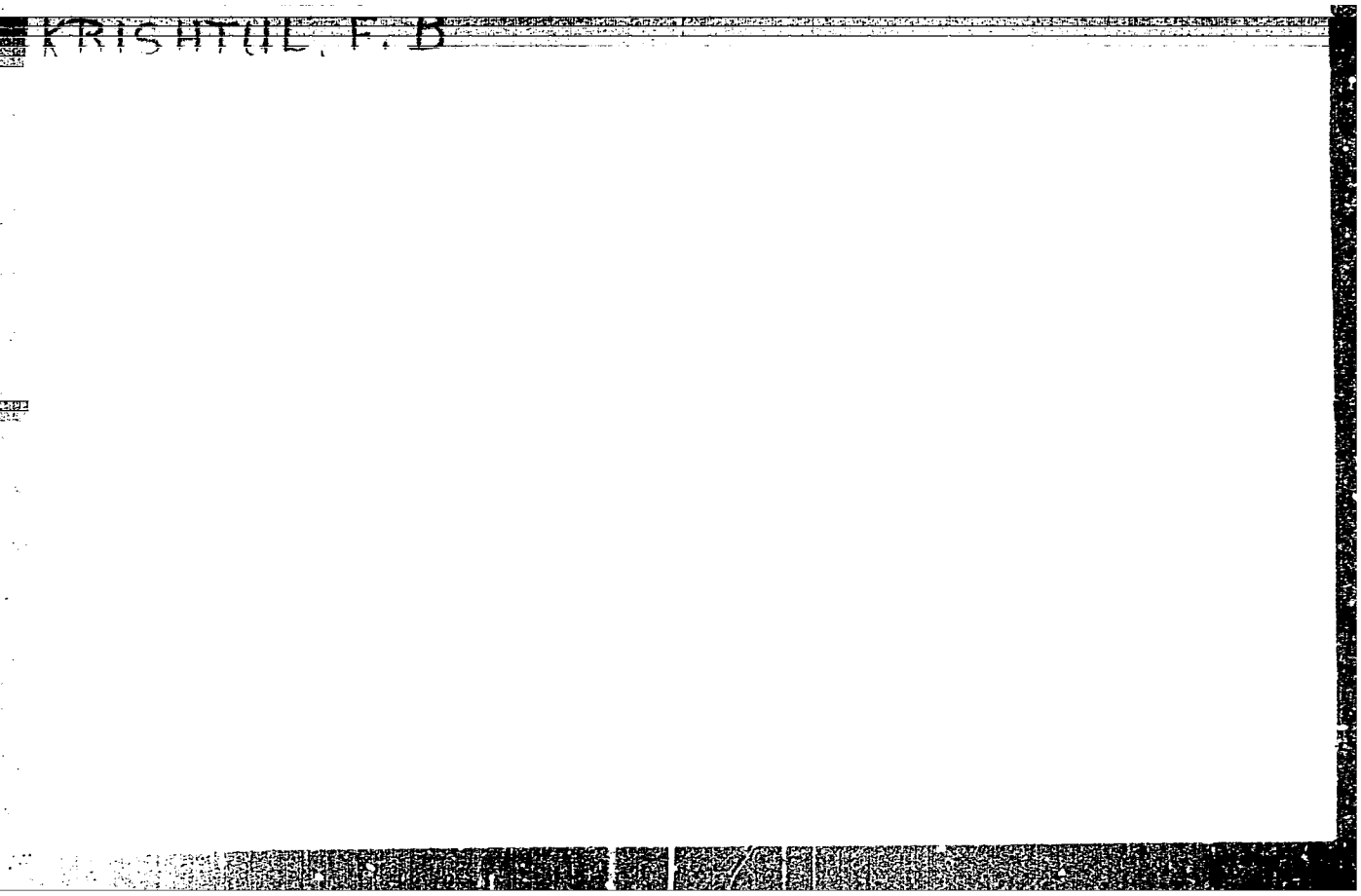

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

MALCHENKO, A.L.; KRISHTUL, F.B.; SKIRSTYMONSKIY, A.I.; Prinimala uchastiye: ZAPRUDNOVA, Ye.P., khimik

Using hydrochloric acid in manufacturing alcohol from molasses. Trudy TSNIISP no.6:49-53 '58. (MIRA 14:12)
(Alcohol) (Hydrochloric acid) (Molasses)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

MALCHENKO, A.L.; KRISHTUL, F.B.; SKIRSTYMONSKIY, A.I.

Standard industrial flow sheet for the production of alcohol from molasses. Spirt. prom. 24 no.1:6-11 '58. (MIRA 11:3)
(Molasses) (Alcohol)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, F.B.; MALCHENKO, A.L.; SKIRSTYMONSKIY, A.I.; TABACHNIKOVA, R.I.

Improving quality of baker's yeast produced in alcohol plants.
Spirt. prom. 24 no.8:4-6 '58. (MIRA 11:12)
(Yeast)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, F. B.; MALCHENKO, A. L.; GROMOVICH, V. F.; SISETSKAYA, Ye. A.; GOLODOVSKAYA, A. I.

Production of feed yeasts with the distilling wash concentrate from alcohol plants processing sugar beet molasses. Spirt. prom. 28 no.8:22-24 '62. (MIRA 16:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti.

(Yeast as feed)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, F.B.; MALCHENKO, A.L.; GROMOVICH, V.F.; RODIONOVA, Ye.A.; GOLODOVSKAYA, A.I.; BANDURINA, Ye.Ya.

Production of yeast feeds from the vinasse of distilleries processing sugar beet molasses. Trudy TSNIISP no.12:51-63 '62. (MIRA 17:3)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

MALCHENKO, A.L.; KRISHTUL, F.B.; MAKSIMOVA, Ye.A.; PAL'GOVA, A.S.

Increasing the yield of bakers' yeast in the production of alcohol from molasses. Spirt. prom. 29 no.8:4-6 '63. (MIRA 17:2)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti (for Malchenko). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i spirtovoy promyshlennosti (for Krishtul, Maksimova, Pal'gova).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

ACC NR: AP7002596 (A,N) SOURCE CODE: UR/0413/66/000/023/0102/0102

INVENTOR: Soms, M.K.; Krishtul, I.B.; Polyakov, V.I.; Dmitriyev, V.N.; Gradetskiy, V.G.

ORG: none

TITLE: Pneumatic time relay. Class 42, No. 189234 [announced by All-union Scientific Research Institute of Medical Instruments and Equipment (Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya); Institute of Automation and Telemechanics AN SSSR (Institut automatiki i telemekhaniki AN SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 102

TOPIC TAGS: pneumatic device, pneumatic control, automatic pneumatic control, TIME RELAY, TIME SWITCH

ABSTRACT: An Author Certificate has been issued for the pneumatic time relay shown in Fig. 1. To provide independent fine control of switching time the receiving nozzle of the jet unit is connected through uncontrolled resistance to the dead-end chamber, one end of which forms a diaphragm.

Card 1/2 UDC: 681.118.5-525

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ACC NR: AP7002596

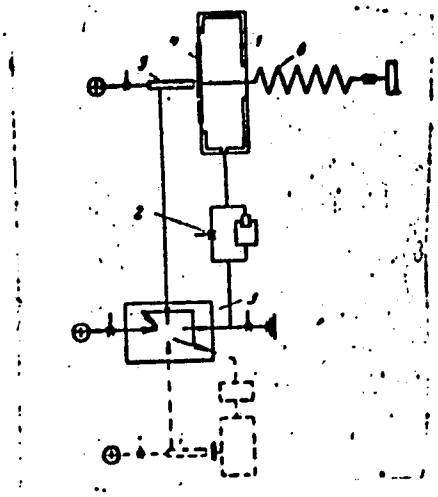

Fig. 1. Pneumatic time relay

1 - Dead-end chamber; 2 - uncontrolled resistance; 3 - jet unit; 4 - flapper; 5 - nozzle; 6 - controlled spring.

This diaphragm acts as the flapper of the switching unit and is coupled with a controlling spring. The switching unit nozzle is connected to the control line of the jet-unit. [WP]

SUB CODE: 13/ SUBM DATE: 14Dec65/ ATD PRESS: 5114

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, I.B.; LUKOMSKIY, G.I.

Respiratory bronchoscope. Med.prom. 15 no.5:49-52 My '61.
(MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya i I Moskovskiy meditsinskiy institut imeni I.M.Sechenova.
(BRONCHOSCOPE)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, V. I.

"Investigation of the Detention Capacity of Quartz Filters in City Water-Supply Stations." Sub 17 Dec, 51, Academy of Communal Economy imeni K. D. Pamfilov

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, V.P.

32-8-53/61

AUTHOR: None Given

TITLE: Short Reports (Korotkiye soobshcheniya).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 8, pp. 1002-1004 (USSR)

ABSTRACT: Dmitriyev, P.P. (Tashkentskiy khimicheskiy institut Akademii nauk UzSSR) suggested an alteration in the already known apparatus for oil-refining and determining the effective boiling points of mineral oil products according to Badgadzher in that the separation of the fractions does not take place in the Kleisen-pistons but in the apparatus itself, which permits a reduction of the time needed for the experiment, the elimination of losses and greater accuracy. There are 2 figures.

Krishtul, V.P. and Paskutskaya, L.N. (Akademiya kommunal'nogo khozyastva) suggested a kind of water jet-sucking pump to be used for emptying the vessels after the experiments are finished, which is assumed to offer technical-practical advantages. There is 1 figure.

Skopin, Yu.A. (Kazakhskiy sel'skakhozyaystvennyy institut) suggested a device for gas washing which offers the advantage that the washing liquid can be used without shutting off the gas and in which the gas washing process takes place between the bottoms of two telescoped vessels. There is 1 figure.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Short Reports

Korshunov, V.I. (Institut goryuchikh iskopayemykh Akademii nauk SSSR) suggested an apparatus for the fraction analysis of dispersive minerals. The apparatus consists of a cylindric vessel the lower end of which forms a cone and is connected to a tube where a straight-way cock is provided. At the side, in the middle of the cylinder, there is a feeder through which the fine-grained mineral is fed, mixed with a liquid which has approximately the same specific weight. The lighter fractions, which rise up are caught by the channel provided above; the heavier ones, which are deposited below, are eliminated by the straight-way cock.

Simonyan, A.A. (Moskovskiy torfyanoy institut) suggested an apparatus for the determination of the maximum of the shearing stress and the coefficients of the lateral pressure of the plastic materials (chalk, peat, etc.). The apparatus consists of a horizontally fixed tube of several parts which can easily be dissembled into its individual parts and has inside a thread-like cut which prevents the displacement of the material it contains. One of the branches of the tube has an inductor for measuring the lateral pressure. The pressure is caused by a piston, which is introduced into the tube. The other end of the tube is fitted with a closing device. The number of the parts of the tube is reduced by dismantling them as required. Examples of application, 1 figure.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Short Reports 32-8-53/61

Chernetsov, M.M. (Moskovskiy lesotekhnicheskiy institut) worked out the method for the production of the prescribed wooden samples for the examination of the maximum of the lateral extension of the wood: in this case a specially steel sample is used. 1 figure.

Funke, V.F. (Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov) suggested a scheme of a furnace for the hardening of the samples at temperatures of up to 1600°. Heating takes place here in a neutral sheltered atmosphere and is regulated by the autotransformer. Examples of application are given. There is 1 figure.

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Card 3/3

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHTUL, V.P.; GUROVA, A.D.; DAGAYEV, P.F.

Increasing productivity of water filters. Gor. khoz. Mosk. 32 no.1: 25-26 Ja '58. (MIRA 11:1)

1. Akademiya kommunal'nogo khozyaystva (for Krishtul). 2. Rublevskaya vodoprovodnaya stantsiya (for Gurova, Dagayev).
(Water--Purification)

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AUTHORS: Mints, D. M., Krishtul, V. P.

TITLE: Study of Suspension Filtration Through a Granular Bed

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 2, pp 304-316 (USSR)

ABSTRACT: Based on the previously published studies on the filtration of solid particles suspension in water through a granular bed (DAN SSR, 1951, Vol 78, p 2; Nauchn. tr. AKKh, 1951, Nr 2-3) the authors established formulas for determining the working time of a filtering bed, i.e., the time after which the bed looses its filtering properties owing to the accumulation of particles in the filtering medium. The change in the concentration of the suspended particles can be expressed by the Eq. (1) and (2) which after solution give Eq. (3) where C = C(x,t) is the concentration of the particles in water at a

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given moment; x is the distance of the examined cross section from the front face of the filtering bed; t is the time of filtration; v is the rate of filtration; $\rho = \rho(x,t)$ is the amount (by weight) of the filtered particles per volume unit of filtering medium; a and b are parameters depending on the velocity v, size of the grains of the filtering bed, physico-chemical properties of the suspension, and other factors determining the conditions of the filtration.

$$-\frac{\partial C}{\partial x} = bC - \frac{a\rho}{v}, \tag{1}$$

$$-v\frac{\partial C}{\partial x} = \frac{\partial \rho}{\partial t}, \tag{2}$$

$$\frac{\partial^2 C}{\partial x \partial t} + a\frac{\partial C}{\partial x} + b\frac{\partial C}{\partial t} = 0. \tag{3}$$

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By designating

$$Y = \frac{C}{C_0}, \qquad (4)$$

$$X = bx, \qquad (5)$$

$$T = at \qquad (6)$$

where C_0 is the initial concentration of the suspension; X, Y, and Z are dimensionless quantities, the differential equation (3) is transformed into the dimensionless general form (7):

$$\frac{\partial^2 Y}{\partial X \partial T} + \frac{\partial Y}{\partial X} + \frac{\partial Y}{\partial T} = 0. \qquad (7)$$

where X and T are criteria of similarity, and $Y = \frac{C}{C_0}$ $= f(X,T)$. By applying the theory of dimensions to the filtration parameters a and b, and by determining the exponents experimentally, the quantities

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X and T were expressed in the form of Eq. (17) and (18):

$$X = \beta \frac{x}{v^{0.7} d^{1.7}} . \qquad (17)$$

$$T = \alpha \frac{tv}{d} . \qquad (18)$$

As all the experiments were made using the same suspension and filtering column, the coefficients α and β can be omitted (see Eq. (17') and (18'))

$$X' = \frac{x}{v^{0.7} d^{1.7}} \qquad (17')$$

$$T' = \frac{tv}{d} . \qquad (18')$$

Card 4/7 Plots of X' against T' obtained at various filtration

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rates and various filtering bed grain sizes gave straight lines (see Eq. (19))

$$X' = kT' + X_0'. \qquad (19)$$

where X_0' is the value of the criterion X', determining the given value of $\frac{C}{C_0}$ at the beginning of the filtration (t = 0). By replacing X' and T' in Eq. (19) by (17') and (18'), Eq. (20) is obtained where t_w is the useful working time of the filtering bed, and x is the thickness of the bed. Parameters k and X_0' depend on the physical and chemical properties of the filtered water and the suspension, and on the given ratio $\frac{C}{C_0}$, and can be determined experimentally.

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$$t_{I} = \frac{1}{k}\left(\frac{x}{v^{1.7}d^{0.7}} - \frac{X_0' d}{v}\right), \quad (20)$$

The equation expressing the working time of the filtering bed until the limiting pressure loss is reached (t_{II}) was established starting with Eq. (21),

$$\frac{\Delta h}{h_0} = \gamma_{II} t, \quad (21)$$

where $\Delta h = h - h_0$ is the increment of the pressure loss, h_0 is the initial pressure loss in the filtering bed, and γ_{II} is the parameter depending on the conditions of filtration. After transformations and experimental determination of the exponenets, Eq. (21) took the final form of Eq. (26):

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Study of Suspension Filtration Through a Granular Bed

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where H is the limiting pressure loss, x is the thickness of the filtering bed, d is the dimension of the filtering bed grains, and γ is the paramenter which can be determined experimentally. Type FEK-M photoelectric colorimeter was used for measuring the concentration of the suspension in the water before and after filtration. There are 11 figures; and 4 references, 1 German, 3 Soviet.

SUBMITTED: May 19, 1959

Card 7/7

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISHUK, A.A.

Influence of vitamins B_1, B_{12}, C and galascorbin on hemopoiesis in animals with werious loss of blood and section of the sciatic nerve. Vrach.delo no.10:82-85 O '60. (MIRA 13:11)

1. Kafedra nervnykh bolezney (zav. - zasluzhennyy deyatel' nauki prof. D.I.Panchenko) Kiyevskogo instituta usovershenstvovaniya vrachey i kafedra biokhimii (zav. - prof. Ye.F.Shamray) Kiyevskogo meditsinskogo instituta.

(VITAMINS)
(HEMORRHAGE)
(BLOOD)
(SCIATIC NERVE)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Fuel Abst.
Vol. 15 No. 4
Apr. 1954
Steam Raising and
Steam Engines

3054. BUBBLING OF FEED WATER IN A STORAGE TANK. Crishuk, I.K. and Krotkova, M.A. (Elekt. Sta. (Pwr Sta., Moscow). Apr. 1953, 12-16). Under the conditions of raw water quality similar to these considered (equivalent bicarbonate alkalinity 0.56-1.16 mg/l., oxygen content 3.4-6.9 mg/l. and free carbon dioxide 4.0-14.5 mg/l.), additional bubble deacration of water in a storage tank by steam is not very effective. A knowledge of steam is not very effective. A knowledge of steam outflow is essential for accurate evaluation. Connexion of the evaporating lines of atmospheric deaerators to the common manifold is unsuitable since steam reversal may result. B.E.A.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

GLIKLIKH, M.O. (Odessa); KRISILOV, A.D., (Odessa); PODDUBNYY, G.V. (Odessa)

Study of sign regognition reliability using statistical data analysis. Avtom. i telem. 24 no.8:1090-1099 Ag '63. (MIRA 16:8)

(Automatic control) (Perceptrons)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

GLIKLIKH, M.O. (Odessa); KRISILOV, A.D. (Odessa); PODDUBNYY, G.V. (Odessa)

Probability approach to the construction of synthesis block in a reading machine. Avtom. i telem. 24 no.11:1514-1518 N '63. (MIRA 16:12)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

ACC NR: AT6008559 SOURCE CODE: UR/0000/65/000/000/0044/0053

AUTHOR: Krisilov, A. D.

$3^{8}_{\beta+1}$

ORG: none

TITLE: On selecting the number of gradations in a probability synthesizer

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices). Moscow, VINITI, 1965, 44-53

TOPIC TAGS: reading machine, character recognition

ABSTRACT: A logical-statistical method for the recognition (160) of typographical signs is presented in algorithmic form for use in the third (synthesizing) stage of a reading machine. The algorithm is divided into analysis and synthesis stages: the logical circuit separates defined elements of a sign configuration and the recognition stage synthesizes them on the basis of their statistical distribution. The projected algorithm should be so constructed as to allow a choice of parameters which will assure a given reliability of recognition. Orig. art. has: 1 formula, 3 figures, 5 tables.

SUB CODE: 09/ SUBM DATE: 09Sep65/ ORIG REF: 006/ OTH REF: 002

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISILOV, D. V.

20981 Krisilov, D. V. Opyty opredeleniya kachestva myasa pri pomoshchi lyuminestsentnogo Analiza. Trudy Odes. S.-kh in-ta, t.v,1948, s. 153-60-Bibliogr. s.160

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

CA KRISILOV, D.V.

12

Apparatus for decontamination of questionable meat. D. V. Krisilov (Odessa Agr. Inst.). Veterinariya 27, No. 1, 47 (1950). The app. is either direct-fired or steam-heated cylindrical sterilizer with pressure-sealed door. Diagrams with dimensions are given. G. M. K.

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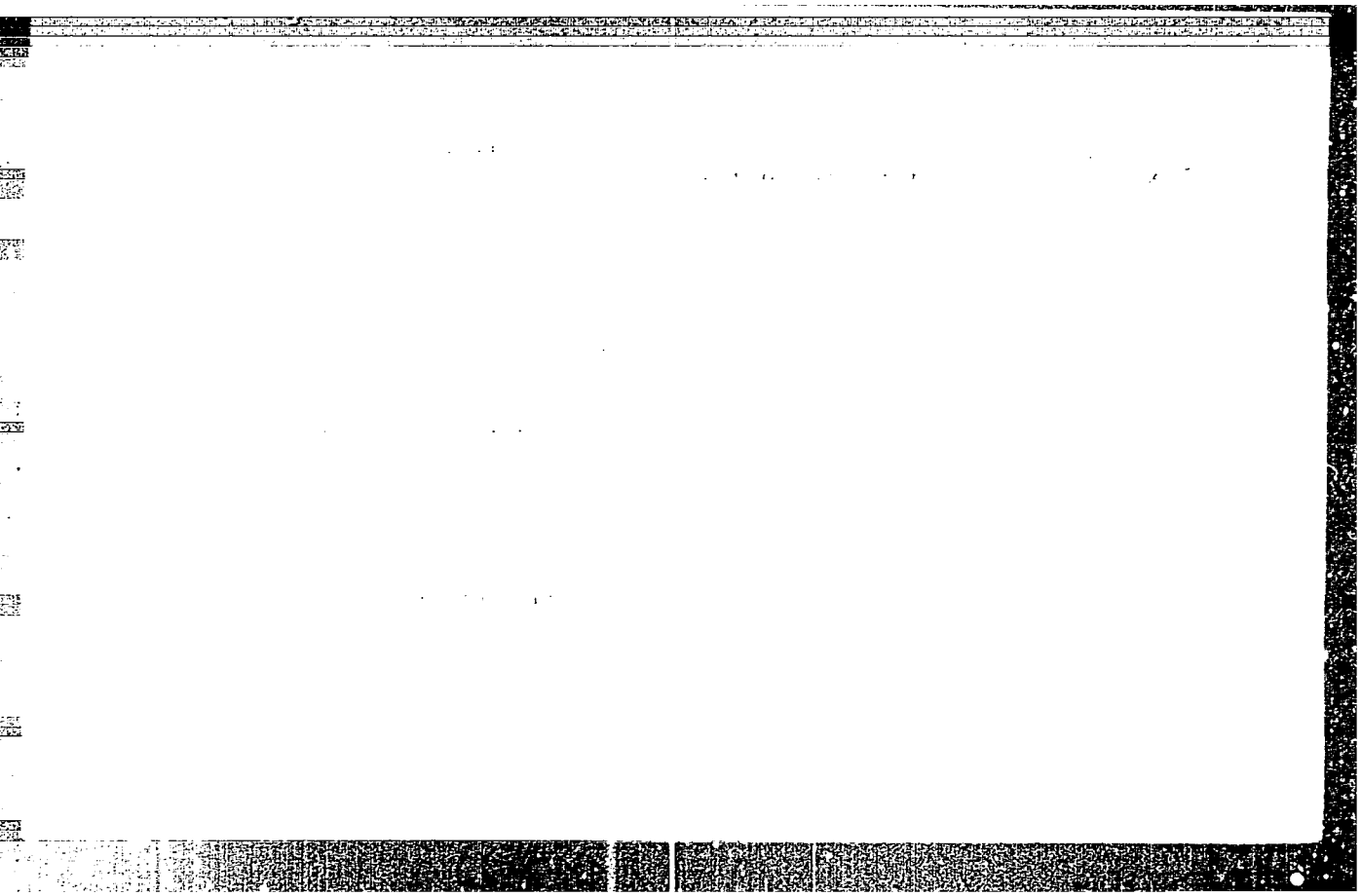

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[redacted] AGC system. The procedure for calculating the "mode" AGC is outlined.

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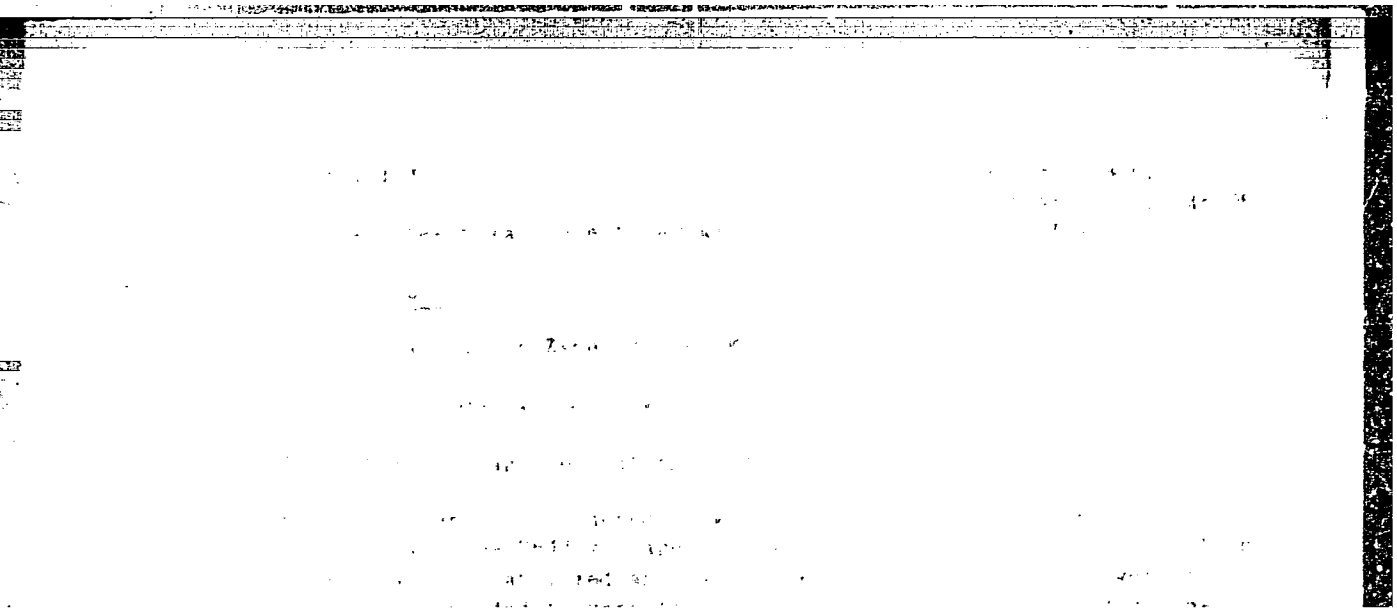

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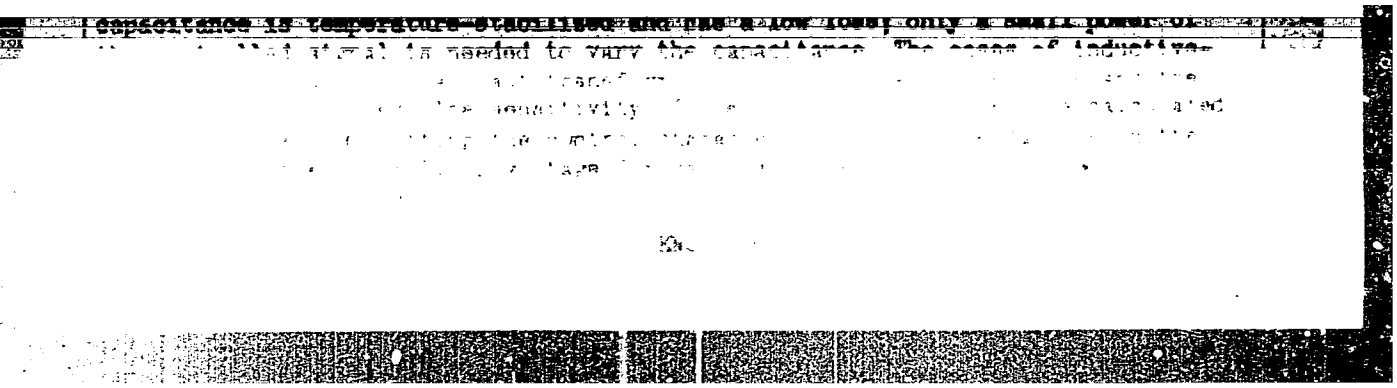

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

ACC NR: AP7000339 (N) SOURCE CODE: UR/0413/66/000/022/0101/0101

INVENTOR. Rudoy, L. N.; Krisilov, Yu. D.; Bodnar-Solov'yev, V. V.

ORG: none

TITLE: Self-calibrating wire-type wave gage. Class 42, No. 188692

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 101

TOPIC TAGS: oceanographic instrument, wave graph, oscillograph, OCEAN DYNAMICS

ABSTRACT: An Author Certificate has been issued for a self-calibrating wire-type wave gage consisting of two linked electrodes series-connected to a power source and a recorder, e.g., an oscillograph. For the automatic recording of scale traces on the oscillograms, the electrodes are constructed in the form of metal rods with alternating bare and

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ACC NR: AP7000339

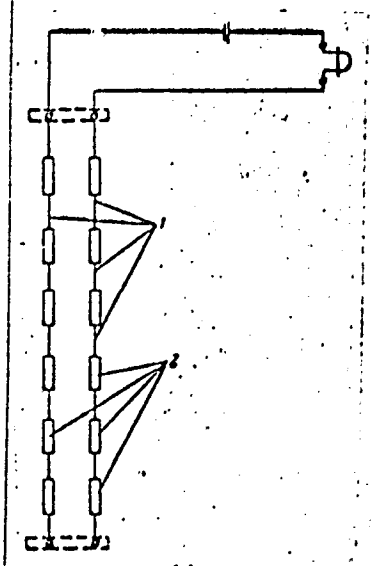

Fig. 1. Wave gage

1 - Bare sections; 2 - sections insulated from the water.

insulated sections whose number and length are selected in accordance with the required measurement accuracy. Orig. art. has: 1 figure.

[LB]

SUB CODE: 08/ SUBM DATE: 26Feb62/ [WA N-67-4]

Card. 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISILOV, Yu.D.

Some dynamic properties of transistorized automatic gain control systems. Radiotekh. i elektron. 10 no.12:2267-2271 D '65. (MIRA 19:1)

1. Submitted February 8, 1965.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISILOV, Yu.[illegible]; YANCHEVA, L.I.

Obtaining maximum gain in transistor RC amplifiers. Elektrosviaz' 19 no.9:71-74 S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISILOV, Yu.D.

Nonlinear and transverse distortions in tuned transistor amplifiers. Radiotekhnika 20 no.3:36-42 Mr '65. (MIRA 18:6)

1. Dnyatvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

I 17544-66
ACC NR: AP6000792 SOURCE CODE: UR/0106/65/000/009/0071/0074

AUTHOR: Krisilov, Yu. D.; Yancheva, L. I. 17

ORG: none 13

TITLE: Maximum gain of transistorized RC-amplifiers

SOURCE: Elektrosvyaz', no. 9, 1965, 71-74

TOPIC TAGS: transistorized amplifier, amplifier gain

ABSTRACT: The maximum gain of a common-emitter transistorized-amplifier stage is theoretically investigated at medium audio frequency. The transistor is assumed to be operating within the active range of its I-V characteristics (class-A operation). The effect of the collector-base feedback conductance is neglected. Formulas for the gain and optimal collector current in terms of external-circuit parameters and static current gain are developed. Graphic material is supplied to facilitate the use of the formulas when Soviet-manufactured transistors are dealt with. The curves permit figuring out the potentialities of RC-stages; in some cases, these curves permit approximate selection of the operating point and evaluation of the maximum gain; as a

Card 1/2 UDC: 621.375.41 2

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L 17544-66
ACC NR: AP6000792

rule, the maximum gain corresponds to conditions different from those recommended for typical operation. A good agreement between experimental results for P13 transistors and the theoretical curves is claimed. Orig. art. has: 5 figures and 12 formulas.

SUB CODE: 09 / SUBM DATE: 29Aug64 / ORIG REF: 003

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISKA, J., inz.

Effect of combustion dynamics on the pressure control of boilers with natural circulation. Strojirenstvi 14 no.6:454-457 Je '64.

1. Research Institute of Electric Equipment, First Brno Machine Factory, Zavody Klementa Gottwalda, Brno.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Liska, J.

LISKA, J., [illegible], M., [illegible], V., and LISKA, O.

"Experimental Study of Ichthyotoxicosis Caused by Smoked Fish," Časopis lékařů [illegible], Vol. 7, No. 13, Prague, December 1960, p. 530.

Affiliations: Kraj Hygienic and Epidemiological Station and the Civil Scientific Veterinary Institute and Laboratory of Organic Analysis 7917, Hradisko.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

BIRMAN, Erzsebet, tudomanyos titkar; KRISKA, Jozsef, fomernok

Present achievements and further tasks of the Construction Economy Section, Permanent Committee on Architecture. Epites szemle 7 no.6:174-176 '63.

1. Epitesugyi Miniszterium Epitesgazdasagi es Szervezesi Intezet (for Birman).
2. Orszagos Tervhivatal Epitesi Foosztalya (for Kriska).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

FERENCIK, M.; KRCMERY, Vl.; KRISKA, J.

Fish poisoning caused by histemine. J. hyg. epidem., Praha 5 no.3: 341-348 '61.

(FISH toxicol) (FOOD POISONING etiol)
(HISTAMINE)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

L 13236-66

ACC NR: AP6006054 SOURCE CODE: CZ/0053/65/014/004/0299/0299

AUTHOR: Kriska, M.; Reinis, S.; Suva, J.

ORG: Institute of Pharmacology, Plzen (Farmakologicky ustav); Medical Faculty, Institute of Experimental Physiology, Plzen (Ustav experimentalni fysiologie lek. fak.)

TITLE: Some histochemical changes in the liver following administration of orotic acid and vitamin B sub 12 [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 299

TOPIC TAGS: liver, rat, vitamin, heterocyclic base compound, aromatic carboxylic acid, histology, biochemistry, biologic metabolism, cytology

ABSTRACT: Liver steatosis following administration of orotic acid can be partly counteracted by simultaneous administration of vitamin B_{12} as found in this study in rats and enzymatic criteria (acid phosphotase and non-specific AS-esterase); apparently the cytoplasmic rather than the nuclear metabolism is the target of orotic acid. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 004

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

SUVA, J.; MATEJKA, M.; KRISKA, M.; ROLLOVA, E.; MAYER, O.; Technicka spoluprace: MATEJKOVA, B.

Effect of ascorbic acid on experimental liver damage. I. Serum transaminase in carbon tetrachloride lesions. Cesk. gastroent. vyz. 17 no.6:337-342 S '63.

1. Farmakologicky ustav lekarske fakulty KU v Plzni, prednosta prof. dr. Z. Kocher Histologicko-embryologicky ustav lekarske fakulty KU v Plzni, prednosta prof. dr. O. Slaby, DrSc.

(CARBON TETRACHLORIDE POISONING)
(ASCORBIC ACID) (AMINOTRANSFERASES)
(ALANINE AMINOTRANSFERASE)
(ASPARTATE AMINOTRANSFERASE)
(ENZYME TESTS) (BLOOD)
(HEPATITIS, TOXIC)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISKA,M.; SUVA,J.; HOLECEK,V.

The effect of isonicotinic hydrazide on glutamic oxaloacetic transaminases, glutamic pyruvic transaminases and lactic dehydrogenase activities in the brain. Activ. nerv. sup. 6 no.1: 28-29 '64.

*

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

62

Bond strength and static distortion in alloyed ferrite crystals. V. A. Il'ina and Y. K. Kritskaya. *Doklady Akad. Nauk S.S.S.R.* 100, 69–72(1955).—The bond-strength in α-Fe was measured by the detn. of the heat factor of x-ray interference intensity (cf. *ibid.* 98, 53(1954)). The Fe alloys studied contained the following at. % of the alloying metals: 0.8 of Nb, 1.8 of Mo or of Co, 1.5 of Mn, or 2.3 of V. The bond-strength, or the reduction in the vibration amplitude of the atom in α-Fe was greatly increased by alloying with Mn, Nb, and Mo, while it was reduced by V. The extinction effect was found to be absent in Fe and in the alloys investigated. W. M. Sternberg

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRIS'KOV, A. (s Kasachki, Kmel'nitskoy oblasti)

Bloch for switching circuit windings of record player motors.
Radio no.4:34 Ap '56. (MLRA 9:7)
(Electric switchgear)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRIS'KOV, Ye.I.

Anthracnose of mint. Mikrobiol.zhur.15 no.4:63-66 '53.
(MLRA 7:2)

1. Z Ukrains'koi doslidno-selektsiinoi stantsii yefiro-oliinikh kul'tur Priluki. (Mint (Botany)) (Anthracnose)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

[illegible], P.

"Study of the Cultivation of Fruit Trees in Nutritive Solutions", p. 112, ([illegible] VOCARSTVA, Vol. 6, No. 3, 1954, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

Krisova J.

Category: USSR/Analytical Chemistry - Analysis of inorganic substances. G-2

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30977

Author : Krisova J.
Inst : not given
Title : Complexometric Determination of Calcium and Magnesium

Orig Pub: Stavivo, 1956, 34, No 7, 239-243

Abstract: Description of complexometric methods of determination of Ca and Mg in raw materials used in cement manufacture and in articles made from cement. Titrations were carried out in the absence as well as in the presence of SiO_2 and R_2O_3. Results were obtained which are in accord with results of gravimetric method; in comparison with the gravimetric method duration of the analysis has been shortened from 14 to 2.5 hours.

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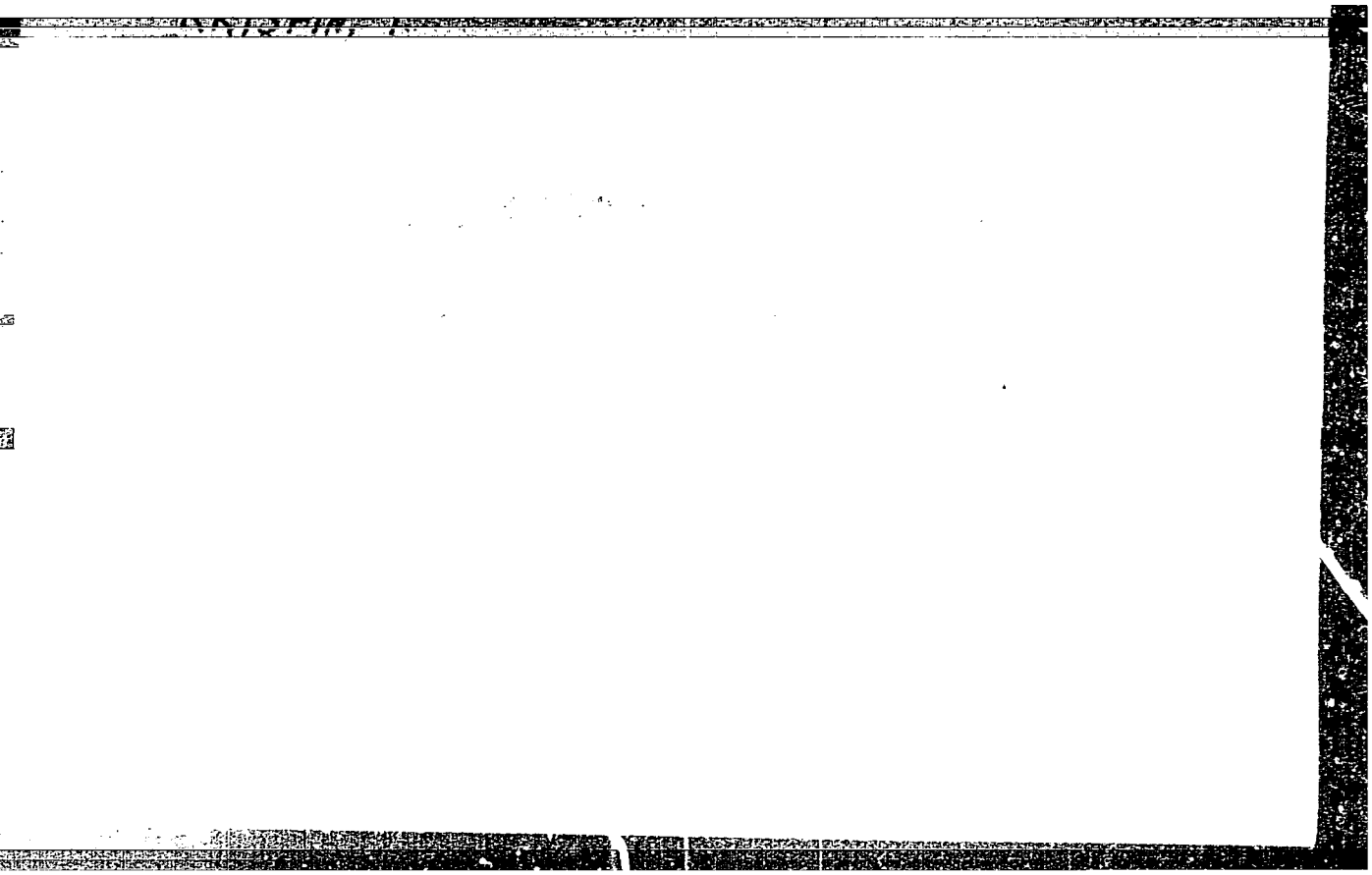

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISPIN, M.

Apparatus for economizing cage cords.

P. 60, (Lika Promishlenost) Vol. 6, no. 1, 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISPINSKY, P.

TECHNOLOGY

periodicals: RUDY Vol. 6, No. 7, July 1958

KRISPINSKY, P. Roasting an iron spar in the Ignis furnaces. p. 241.

Monthly List of East European Accessions EEAI) LC Vol. 8, No. 5 May 1959, Unclass.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISPIN, Shalom, inzh.

Our experiences in the carboxymethylcellulose sizing. Tekstilna prom 12 no.2:36 '62.

1. Gl. inzh. na DVTK "Nacho Ivanov", Sofiia.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISS, A. E.; BAKHMAN, N. G.; KOKHANSKAYA, E. M.; RUKINA, E. A.

Effect of Microorganisms on the Concrete Hydrotechnical Structure, Mikrobiologiia, 1940, Vol 9, pp 267-280.

Institute of Microbiology, U.S.S.R. Academy of Sciences, Central State Scientific Controlling Institute imeni Tarasevich, Moscow.

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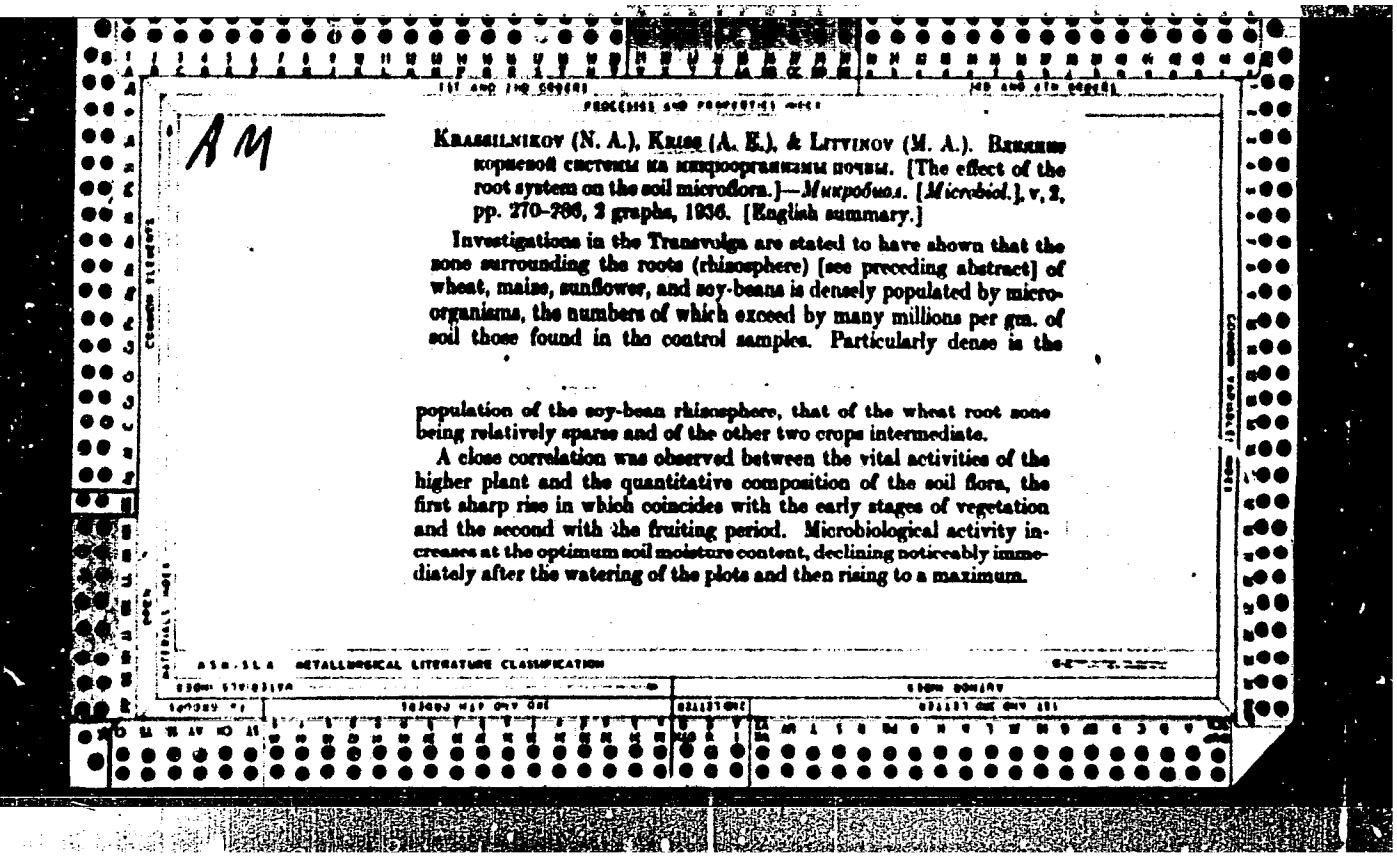

AM

KRASSILNIKOV (N. A.), KRISS (A. E.), & LITVINOV (M. A.). Влияние корневой системы на микроорганизмы почвы. [The effect of the root system on the soil microflora.]—*Микробиол.* [*Microbiol.*], v, 2, pp. 270–286, 2 graphs, 1936. [English summary.]

Investigations in the Transvolga are stated to have shown that the zone surrounding the roots (rhizosphere) [see preceding abstract] of wheat, maize, sunflower, and soy-beans is densely populated by micro-organisms, the numbers of which exceed by many millions per gm. of soil those found in the control samples. Particularly dense is the population of the soy-bean rhizosphere, that of the wheat root zone being relatively sparse and of the other two crops intermediate.

A close correlation was observed between the vital activities of the higher plant and the quantitative composition of the soil flora, the first sharp rise in which coincides with the early stages of vegetation and the second with the fruiting period. Microbiological activity increases at the optimum soil moisture content, declining noticeably immediately after the watering of the plots and then rising to a maximum.

A S M - S L A METALLURGICAL LITERATURE CLASSIFICATION

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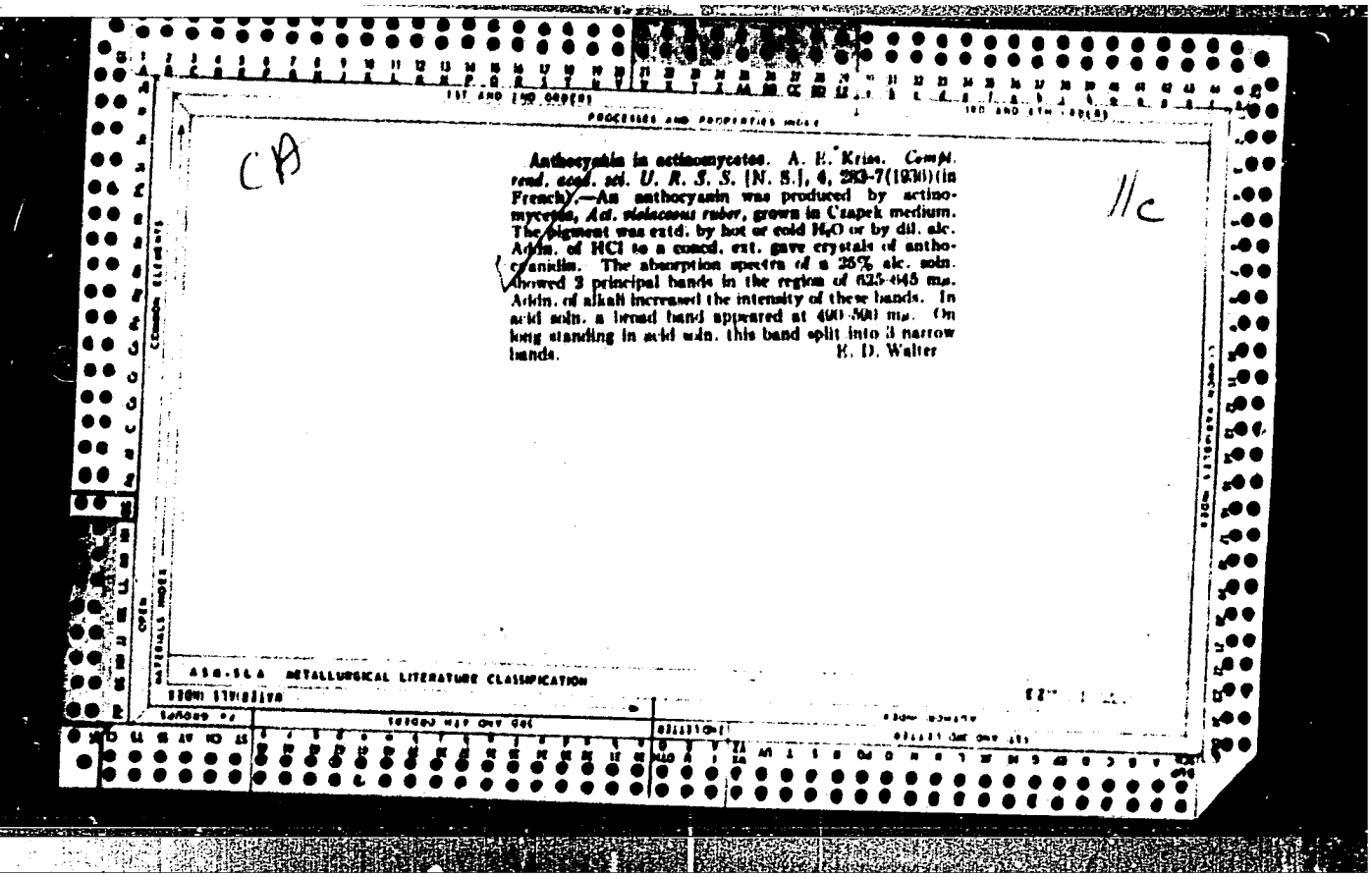

CA

11c

Anthocyanin in actinomycetes. A. E. Kriss. *Compt. rend. acad. sci. U. R. S. S.* [N. S.], 4, 283-7(1936)(in French).—An anthocyanin was produced by actinomycetes, *Act. violaceus ruber*, grown in Czapek medium. The pigment was extd. by hot or cold H_2O or by dil. alc. Addn. of HCl to a concd. ext. gave crystals of anthocyanidin. The absorption spectra of a 25% alc. soln. showed 2 principal bands in the region of 525-545 mμ. Addn. of alkali increased the intensity of these bands. In acid soln. a broad band appeared at 490-500 mμ. On long standing in acid soln. this band split into 3 narrow bands.

K. D. Walter

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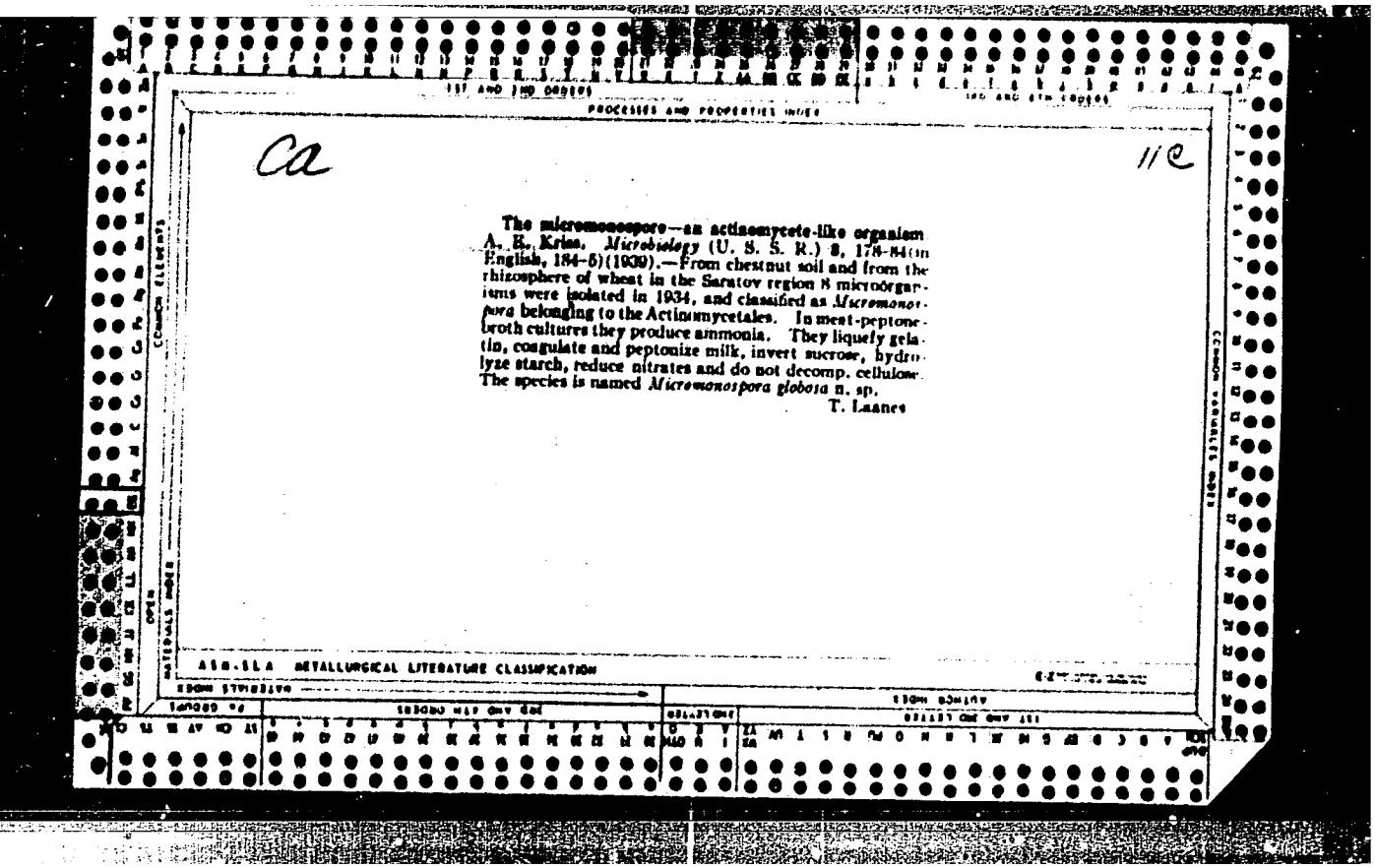

ca

11c

The micromonospore—an actinomycete-like organism. A. E. Krias. *Microbiology* (U. S. S. R.) 8, 178-84 (in English, 184-5) (1939).—From chestnut soil and from the rhizosphere of wheat in the Saratov region 8 microorganisms were isolated in 1934, and classified as *Micromonospora* belonging to the Actinomycetales. In meat-peptone broth cultures they produce ammonia. They liquefy gelatin, coagulate and peptonize milk, invert sucrose, hydrolyse starch, reduce nitrates and do not decomp. cellulose. The species is named *Micromonospora globosa* n. sp.

T. Laanes

A 38-11 A METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

PROCESSES AND PROPERTIES INDEX

CA 1P

The pigments of proactinomycetes. A. E. Kriss and A. I. Korenyako. *Microbiology* (U. S. S. R.) 8, 511-21 (in English, 522) (1939); cf. C. A. 31, 2836. Pigments of *Proactinomyces ruber*, *P. citreus* and *P. viridis* Krasilnikov were studied chromatographically. According to soly. the pigments are classified into 3 groups: (1) sol. in water and alc., insol. in other org. solvents: pigments of *Actinococcus cyaneus* Beijerinck, *Actinomyces* Gubishevskii Kerentsev; both are classified by Krasilnikov as proactinomycetes; (2) insol. in water, sol. in alc. and other org. solvents: carotenoids of *P. ruber* and *P. citreus*; (3) insol. in water and org. solvents: pigments of *P. viridis* and others that are firmly bound to the protoplasm. F. Lanza

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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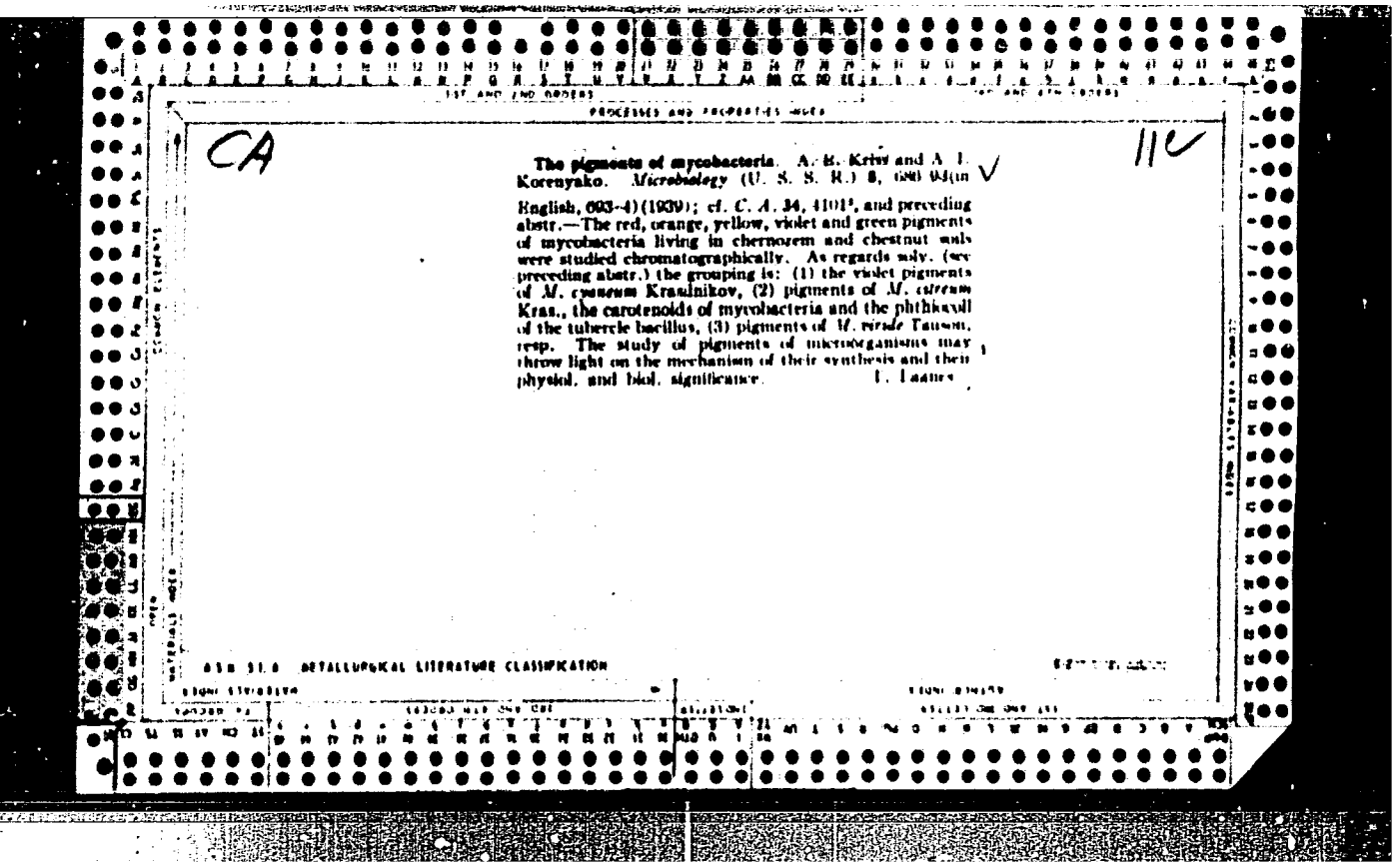

CA

11C

The pigments of mycobacteria. A. E. Kriss and A. I. Korenyako. *Microbiology* (U. S. S. R.) 8, 680-93(in English, 693-4)(1939); cf. *C. A.* 34, 4101[3], and preceding abstr.—The red, orange, yellow, violet and green pigments of mycobacteria living in chernozem and chestnut soils were studied chromatographically. As regards solv. (see preceding abstr.) the grouping is: (1) the violet pigments of *M. cyaneum* Krasilnikov, (2) pigments of *M. citreum* Kras., the carotenoids of mycobacteria and the phthioidl of the tubercle bacillus, (3) pigments of *M. viride* Tauson, resp. The study of pigments of microorganisms may throw light on the mechanism of their synthesis and their physiol. and biol. significance. I. Laanes

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

The lysozyme in actinomycetes. A. E. Kriss. *Mikrobiologiya* (U. S. S. R.) 9, No. 1, 32 (in English, 38) (1940); cf. C. A. 33, 5880. The lysating factor of A. violaceus is similar to lysozyme in that it is filterable and insol. in H_2O, petr. ether, C_6H_6 and $CHCl_3$. It is stable to light, air and high temp. The optimal pH is 7.1-7.8. Its titer cannot be raised by culture passages.

J. Lanes

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1

KRISS, A. E.

"Microorganisms in Permafrost Subsoil".
SO: Mikrobiologia; Vol. 9, No. 9-10, 1940

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826510017-1"