YARMAK, O.F.; BIKOVICH, N.V. [Bykovych, N.V.]

Effect of additives on the improvement of the quality of porcelain. (MIRA 17:10)
Leh. prom. no.3:36-39 Jl-S '64.

YARMAKOV, N.I.; GANZEN, G.A., redaktor; ROMANOVA, L.A., redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor

[Principles of constructing coal preparation and briquet plants] Osnovy sooruzheniia ugleobogatitel'nykh i briketnykh fabrik. Moskva, Ugletekhizdat, 1954. 133 p. [Microfilm] (MLRA 8:4)
(Coal preparation) (Industrial buildings)
(Briquets (Fuel))

YARMAL', A.

From the biography of the Donets Basin. Nauka i zhyttia 12 no.1:3,12-13, 23,28 Ja '63. (MIRA 16:3)

(Donets Basin--History)

VOLCHENKO, A.V.; MAZYUKOV, A.S.; PARFENOVA, T.V.; PONOMARENKO, G.Ya.; PISKUNOVA, Ye.S.; STUKANOV, Ye.N.; YARMAL', A.I.; KHOLODOV, V.G., red.

[The Donets Basin and the Kuznetsk Basin; collection of documents on the creative relations between the miners of Donets and the Kuznetsk coal basins] Donbass-Kuzbass; sbornik dokumentov o tvorcheskikh sviaziakh gorniukov Donetskogo i Kuznetskogo ugol'nykh basseinov. Donets, Izd-vo "Donbass," 1964. 148 p. (MIRA 18:2)

3(4)
AUTHORS: Popov, Yu. V., Candidate of Physical and Mathematical Sciences, Yarmarkin, K. K., Engineer

SOV/154-59-1-7/13

TITLE: Optical Range Finder With Semiconductor Elements (Svetovoy dal'nomer na poluprovodnikovykh elementakh)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"-yemka, 1959, Nr 1, pp 77-83 (USSR)

ABSTRACT: Beside optical range finders with high accuracy, such with smaller accuracy are also used in surveying for distances between 2 and 3 km. They must be light and portable. Their accuracy should not be under 1 : 10,000. Among the available modulators of the light for optical range finders of this type the diffraction modulator is preferable as its frequency characteristic permits the use of some discrete frequencies of light modulation. Three variants for a small-distance meter are pointed out: the visual variant, the scheme with a frequency transformer, and the scheme with a phase comparison in the photoelectric receiver. It is shown that the scheme with a diffraction modulator of the light with fixed frequencies of the light modulation and the measurement of the phases after the frequency transformation can be regarded

Card 1/3

as one of the most economical schemes for the building of a small-distance meter. The block diagram of this range finder is given here. This is the simplified circuit diagram of the optical range finder of the GOI (State Optical Institute) (Ref 1). The possibility of using semiconductor elements was investigated in this apparatus. The analysis showed that semiconductor elements can be used for most structural groups. - The frequency of the light modulation is 10 megacycles and 10.5 megacycles. The high-frequency circuits are described. As soon as the semiconductor triodes P401, P402, and P403 will be made by the industry, all high-frequency circuits of the small-distance meter can be built with them. - A ring-shaped phase detector with the diodes D2G is used. The optical scheme of the distance meter is described. The dimensions and weights of the individual parts of the small-distance meter are given. The apparatus permits to measure distances up to 3 km with a relative accuracy of 1 : 10,000. The frequencies of the light modulation applied in the apparatus ensure a single-valued determination of distances up to 300 m. The introduction of a third frequency of 10.025 megacycles offers no principal difficulties and does

not make the circuit diagram more complicated; on the other hand, it permits to extend the range of single-valued distance measurements up to 6 km. There are 4 figures and 8 Soviet references.

ASSOCIATION: Gosudarstvennyy opticheskiy institut im. S. I. Vavilova (State Optical Institute imeni S. I. Vavilov)

YARMASH, I.

YARMASH, I., podpolkovnik.

Vigilance is the most important stipulation for the strengthening of our Homeland. Voen. sviaz. 11 no.3:13-17 Mr '53. (MLRA 8:3)
(Espionage, American)

AUTHOR: [illegible], M. A.

16C B

TITLE: Pulsed magnetic decoder and its use in computer engineering

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tekhnicheskikh nauk

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962130001-8"

YARMASHEVICH, A.G., assistant

Effect of surgical trauma on the renal function and water-salt metabolism in children. Sbor. nauch. rab. Sar. gos. med. in-ta. 44:293-301 '64. (MIRA 18:7)

1. Iz kafedry detskoy khirurgii (ispolnyayushch'y obyazannosti zaveduyushchego - dotsent G.M. Slavkina) Saratovskogo meditsinskogo instituta (rektor - dotsent N.R. Ivanov).

YARMASHEVICH, A.G., assistent

Effect of the gravity of a surgical trauma on the degree of the manifestation of changes in the metabolism of sodium, potassium, inorganic phosphorus, chlorides and proteins in children. Sbor. nauch. rab. Sar. gos. med. inst. 44:301-306 '64.

(MIRA 18:7)

1. Iz kafedry detskoy khirurgii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent G.M. Slavkina) Saratovskogo meditsinskogo instituta (rektor - dotsent N.K. Ivanov).

YARMASHEVICH, YA. M.

What can be made from the maple and birch sa: Mensk, Dziarzhaunai vyd-va Belaruse, Tekhmassektar, 1934. 28 p.

1. Sap

YARMASHEVICH, YA. M.

Potatoes for industrial use Mensk, Sel'gassektar, 1934 52 p. DA

YARMASHEVICH, Ya. M.

[White Russia at the All-Union Agricultural Exhibition of 1954] Belaruskaia SSR na Usesiuznai sel'skahaspadarchai vystautsy 1954 goda. Minsk, Dziarzhaunae vyd-va BSSR, 1955. (MIRA 10:12)
(White Russia--Agriculture) (Moscow--Agricultural exhibitions)

YARMASHEVICH, Yu.I., assistent

Effect of kinematic inadequacy on tractive indices of a tractor with four driving wheels. Izv.vys.ucheb.zav.; mashinostr. no.8: 156-168 '63. (MIRA 16:11)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva.

YARMASHEVICH, I.M.; KAZACHENOK, V., red.; PRAGINA, L., tekhn. red.

[White Russia at the All-Union Agricultural Exhibition of 1955 and 1956] Belorusskaia SSR na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1955 i 1956 godov. Minsk, Gos. izd-vo BSSR, 1957. 205 p. (MIRA 11:7)
(Moscow--Agricultural exhibitions)
(White Russia--Agriculture)

L 35360-66 EWT(1) IJP(c)

ACC NR: AR6017813 SOURCE CODE: UR/0058/66/000/001/E134/E134

AUTHOR: Yaremkevich, S. K.

TITLE: Continuous measurements of magnetic characteristics of magnetically-hard materials with the aid of the Hall effect

SOURCE: Ref. zh. Fizika, Abs. 1E1015

REF SOURCE: Sb. Materialy radioelektron. i elektr. mashiny. L'vov, L'vovsk. un-t, 1964, 153-161

TOPIC TAGS: Hall effect, magnetic property, magnetic metal, demagnetization, magnetic field intensity, hysteresis loop, temperature dependence

ABSTRACT: An important problem in the determination of the magnetic properties of magnetically-hard materials is a rapid and accurate measurement of their characteristics. No less important is an accurate and continuous plotting of the demagnetization curve. The Hall effect makes it possible to solve these problems affirmatively. The author proposes a method of measuring the demagnetization curve of permanent magnets with the aid of three n-Ge Hall pickups, by reconstruction of the U-541 ballistic apparatus. A block diagram of a circuit for the measuring of the magnetic field intensity and a schematic diagram of a circuit for the measurement of B_r and H_c are presented. Since the Hall pickups are situated between magnetizing coils that heat up, temperature compensation of the pickups is necessary. Investigations of the apparatus have shown that it is easy to determine B_r and H_c and to plot the demag-

Card 1/2

L 35360-66

ACC NR: AR6017813

netizing part of the hysteresis loop with the aid of the Hall pickups. The apparatus has high sensitivity and decreases the test time. A shortcoming of the method, which uses the Hall effect with n-Ge pickups, is the appreciable temperature dependence of the properties of the pickups and the need for accurate graduation of each pickup. P. Khramov. [Translation of abstract]

SUB CODE: 20

Card 2/2 bdh

YARMASHEVICH, Yu.I., inzh.; KOMISSARCHUK, A.M., inzh.

Concerning the use of a free-running clutch between the gear shafts of the 4x4 tractor. Trakt. i sel'khozmash. 31 [i.e.32] no.11:6-9 N '62. (MIRA 15:12)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva (for Yarmashevich). 2. Minskiy traktornyy zavod (for Komissarchuk).
(Tractors)

YARMASHEVICH, Yu.I., inzh.

Turning a tractor with four driving wheels. Mekh. i elek. sots. sel'khoz. 21 no.3:4-5 '63. (MIRA 16:8)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva.
(Tractors)

BATYCHKO, S.V.; BRAGINSKIY, R.P. [Brahins'kyi, R.P.]; P'YANKOV, G.N. [P'iankov, H.N.]; YARMILKO, Ye.G. [IArmilko, O.H.]; KABACHNI, A.M., doktor khim. nauk

Use of high-energy radiation for the improvement of the operational characteristics of polymeric materials. Khim. prom. no.4:3-6 O-D '64. (MIRA 18:3)

YARMITSKIY, Arkadiy Grigor'yevich, inzh.; KVITKA, A.L., kand. tekhn. nauk, retsenzent;

[Strength of materials] Soprotivlenie materialov. Kiev, Tekhnika, 1965. 134 p. (MIRA 19:1)

YARMIZIN, A., podpolkovnik

Determination of the computation for range correction by means of a nomogram. Voen. vest. 41 no.5:115-116 My '61. (MIRA 14:8)
(Range finding)

YARGHIZIN, D. V.

Kirghizistan - Agricultural Experiment Stations

Experimental plant-breeding work at the Kirghiz State Plant-Breeding Station. Sel. i sem. 19, No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. YARMIZIN, D. V.; STARKOV, A. S.

2. USSR (600)

4. Irrigation Farming - Rostov Province

7. Problems of plant breeding and seed production work in irrigated areas of Rostov Province, Sel. i sem., 20, no. 5, 1953.

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

YARMIZIN, D.V.

USSR/Cultivated Plants - Grains M-4

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1478

Author : D.V. Yarmizin
Inst : Not Given
Title : The System of Winter Wheat Irrigation in the Northern Caucasus.

Orig Pub : Sb. Tr. Yuzhnogo n.-i. in-ta gidrotekhn. i melior., 1956, issue 4, 269-290

Abstract : There is a description of climatic conditions in the irrigated agricultural districts and a summary of the results of having cultivated winter wheat from the year 1925 in the Stavropol region [Kray]. Iabardomslaua. ASSR. and in the Groznenskaya and Rostovskaya Oblasts. It has been established that presowing irrigation is of basic imporatnce for increasing the wheat crop yield ordinarily boosting the harvest by 2-3 times (up to 20-30 centners per hectare). Additional plant irrigation is most effective when the soil humidity is reduced to 80% of the field's moisture capacity (an additional 2-6 centners per hectare for each irrigation). In arid years it is possible to increase the yield to 40 centners per hectare by irrigating the land twice before sowing.

Card : 1/1

YARMIZIN, D. V., Doc Agr Sci -- "Irrigation [redacted] of winter wheat in the northern Causasus." Voronezh, 1960 (Min of Agr RSFSR. Voronezh Agr Inst). (KL, 1-61, 200)

CHUMAKOV, I.S.; YARMIZIN, O.D.; NOVIKOV, G.N.; MAKAROVSKIY, S.A.

Cenozoic sediments of the Leninogorsk trough in the Rudnyy Altai and the basic stages of its formation. Trudy Kom.chetv.per. 22:128-138 '63. (MIRA 17:2)

YARMIZIN, V.A.

SOV-127-58-3-12/24

AUTHORS: Ostroushko, I.A., Professor; Yemekeyev, V.I., Candidate of Technical Sciences; Kobakhidze, V.N. and Yarmizin, V.A., Mining Engineers

TITLE: Pneumatic Loading of Blast Holes (Pnevmaticheskoye zaryazhaniye vzryvnykh skvazhin)

PERIODICAL: Gornyy zhurnal, 1958, Nr 3, pp 57-60 (USSR)

ABSTRACT: The method of pneumatic loading of deep blast holes now being introduced into the mining operations. The authors describe this method devised by the laboratory of drilling and blasting works of the Severo-Kavkazskiy gorno-metallurgicheskiy institut (the North-Caucasian Mining-Metallurgic Institute) and applied in the blasting works at the mine Molibden of the Tyrny-Auzskiy Combine. The loading method was tested both with the powdered ammonite and the ammonite in cartridges. The appliance for loading the powdered ammonite consisted of a set of tubes, a dosing apparatus (for which a cement - canon C-164 was used), an ejector, two cyclones to collect the pulverized ammonite, an airmeter, a manometer and a system of rubber hoses. For the loading of horizontal blast holes (or with a 5° incline) with ammonite cartridges the

Card 1/3

appliance consisted of: a magazine-lock, a set of tubes, a cutter nozzle, a manometer and a rubber hose with a tap. This last appliance was tested at the Molibden Mine. In all, 32 blast holes of a diameter of 104 mm were loaded. The average length of the holes was 27 m. The holes were loaded with ammonite cartridge Nr 6, which is 500 mm long and 70 mm in diameter. The loading consisted of the following operations. The first cartridge with two fuses was placed in the cutter nozzle fixed at the first tube of the charge. Then the whole set was placed in the hole and inserted to the end of the hole. The compressed air was then switched on and the first cartridge was pushed out and placed in the hole. The air was then switched off and the whole set was pulled out for about 700 mm. The operation continued until the whole hole was filled. Some of the holes were filled by the old system and the comparison showed that by the increase of the loading density, drilling could be cut down by 20 to 30%; the ore output for each 1 m of blast hole increased from 19 ton by

manual loading to 32 t - by pneumatic loading method. The work productivity of the charging worker was also increased by 40 to 50%. This method is now generally introduced in the Tyrny-Auzskiy Combine. Pneumatic loading of powdered ammonite will be utilized when blast chambers are used. There are 4 figures and 2 tables.

ASSOCIATION: Severo-Kavkazskiy gorno-metallurgicheskiy institut (The North-Caucasian Mining Metallurgic Institute); Tyrny-Auzskiy Kombinat (The Tyrny-Auzskiy Combine).

1. Mining engineering
2. Explosive charges—Preparation
3. Explosive charges—Performance
4. Pneumatic systems—Equipment

KRICHIKOV, P.F., gornyy inzh.; FEDOSEYEV, P.I., gornyy inzh.;
KHINN, G.L., gornyy inzh.; YARMIZIN, V.A., gornyy inzh.

Semiautomatic control of the mechanisms of hoisting equipment shaft doors. Gor. zhur. no.7:51-54 Jl '61. (MIRA 15:2)

1. Tyrnyauzskiy kombinat.
(Mine hoisting)
(Automatic control)

CHUGUNOV, L.F., inzh.; LISOVSKIY, I.I., inzh.; YARMIZIN, V.A., inzh.; KUMEKHOV, B.S., inzh.; VERGUS, N.G., inzh.; KRIVENKOV, N.A., kand. tekhn. nauk

Technical progress at the "Molibden" Mine. Gor. zhur. no.9:6-10 S '65. (MIRA 18:9)

1. Tyrnyauzskiy vol'framo-molibdenovyy kombinat (for Chugunov, Lisovskiy, Yarmizin, Kumekhov, Vergus). 2. Institut gornogo dela im. A.A.Skochinskogo (for Krivenkov).

KRIVCHIKOV, P.F.; CHUGUNOV, L.F.; YASAFOV, A.F.; YARMIZIN, V.A.

The Tyrnyauz Combine is 25 years old. TSvet. met. 38 no.9:6-12 S '65. (MIRA 18:12)

OSTROUSHKO, I.A.; YEMEKEYEV, V.I.; BOBIN, Ye.G.; KOBAKHIDZE, V.N.; YARMIZIN, V.Ya.; KULIK, G.T.

Industrial testing of mechanical charging of deep, horizontal blast holes. Izv. vys. uchab. zav.; tsvet. met. no.1:20-27 '58. (MIRA 11:6)

1. Severokavkazskiy gornometallurgicheskiy institut. Kafedra spetskursov gornogo dela.
(Mining engineering)

ARVYDAS, Leopoldas; JARMOKIENE, V., red.; BANCEVICIUS, P., tekhn. red.

[Secondary metals] Antriniai metalai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1962. 39 p. (MIRA 16:5)

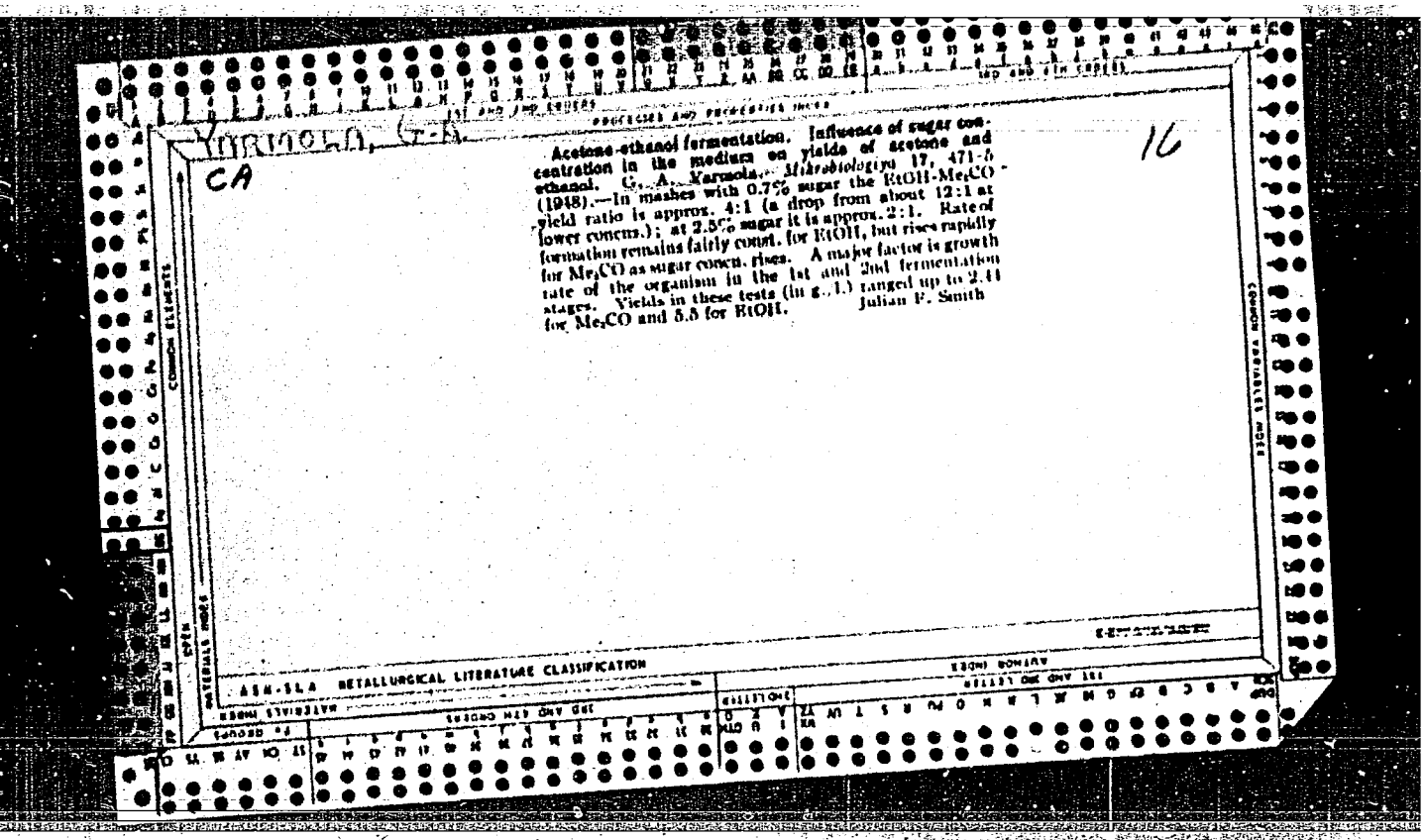
(Scrap metals)

YARMOLA, G. A.

"Acetone-Ethyl Fermentation," Sub. 29 Jan 47, Moscow Order of Lenin State U imeni M. V. Lomonosov. Cand. Technical Sci.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

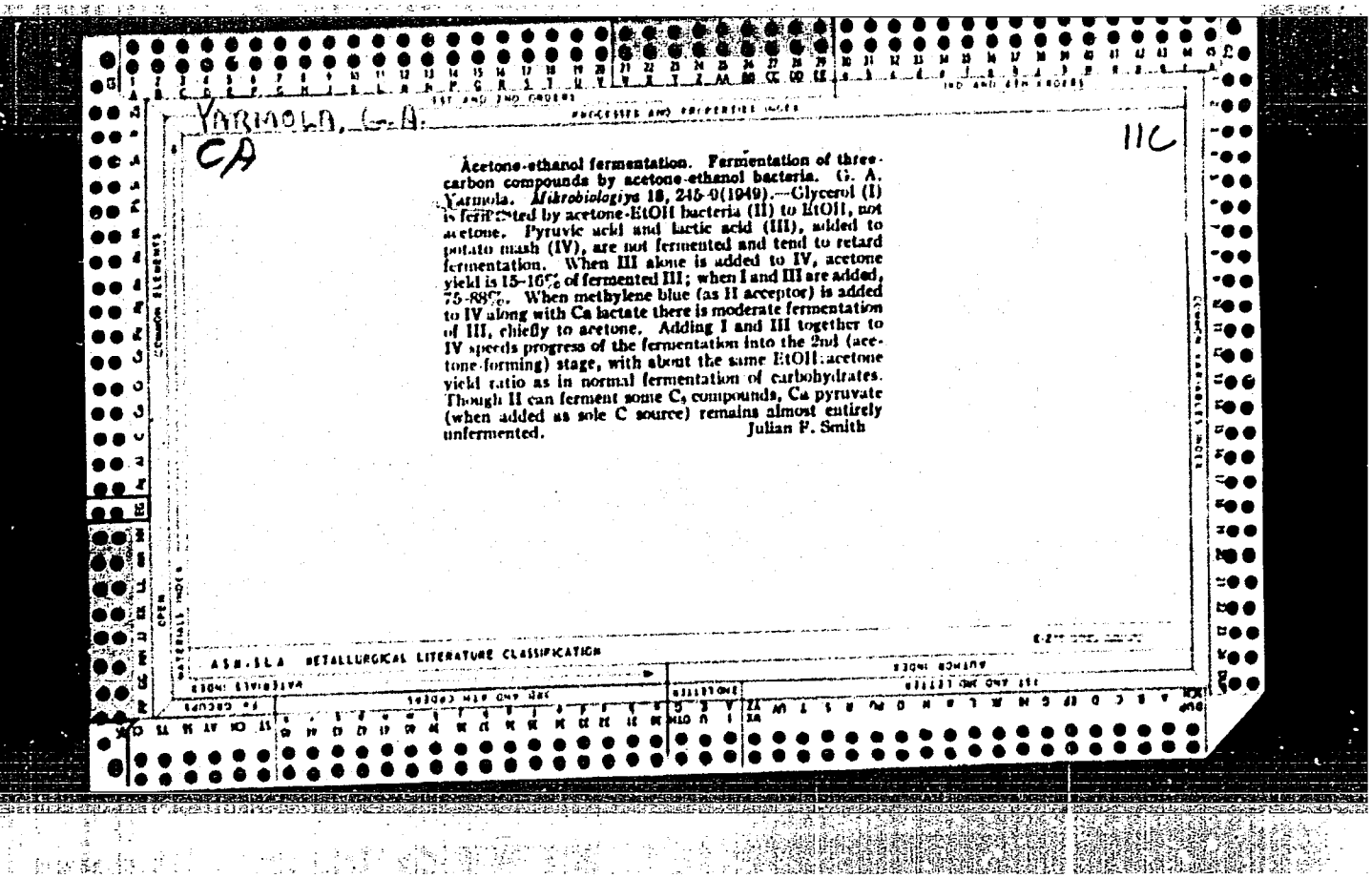

YURKOV, G. A.

CA

16

Acetone-ethanol fermentation. Influence of sugar concentration in the medium on yields of acetone and ethanol. G. A. Yurkova. *Mikrobiologiya* 17, 471-5 (1948).—In mashes with 0.7% sugar the EtOH-Me_2CO yield ratio is approx. 4:1 (a drop from about 12:1 at lower concns.); at 2.5% sugar it is approx. 2:1. Rate of formation remains fairly const. for EtOH, but rises rapidly for Me_2CO as sugar concn. rises. A major factor is growth rate of the organism in the 1st and 2nd fermentation stages. Yields in these tests (in g./l.) ranged up to 2.41 for Me_2CO and 5.5 for EtOH. Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



YARMOLA, G. A.

CA

11C

Acetone-ethanol fermentation. Fermentation of three-carbon compounds by acetone-ethanol bacteria. G. A. Yarmola. *Mikrobiologiya* 18, 245-9(1949).—Glycerol (I) is fermented by acetone-EtOH bacteria (II) to EtOH, not acetone. Pyruvic acid and lactic acid (III), added to potato mash (IV), are not fermented and tend to retard fermentation. When III alone is added to IV, acetone yield is 15-16% of fermented III; when I and III are added, 75-88%. When methylene blue (as H acceptor) is added to IV along with Ca lactate there is moderate fermentation of III, chiefly to acetone. Adding I and III together to IV speeds progress of the fermentation into the 2nd (acetone-forming) stage, with about the same EtOH:acetone yield ratio as in normal fermentation of carbohydrates. Though II can ferment some C_5 compounds, Ca pyruvate (when added as sole C source) remains almost entirely unfermented. Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

YARMOLA, G. A.

USSR/Biology - Microbiology, Rubber

Mar/Apr 52

"Growth of Bacteria on Natural Rubber," V. N. Shaposhnikov, I. L. Rabotnova, G. A. Yarmola, V. M. Kuznetsova, N. N. Mozokhina-Porshnyakova, Biol Soil Sci Res Inst, Moscow State U imeni M. V. Lomonosov

"Mikrobiol" Vol XXI, no 2, pp 146-154

Found that rubber hydrocarbon may be consumed by the following microorganisma: Bac. subtilis, Achr. agile, Mycococcus ruber, Mycobact. globiforme, Mycobact, lacticola, Act. albus, and the yeast Torula rosea.

PA210T10

YARMOLA, G. A.

SHAPOSHNIKOV, V.N., RABOTNOVA, I.L., YARMOLA, G.A., KUZNETSOVA, V.I.

Molds (Botany)

Development of molds on natural rubber. Mikrobiologiia 21 no. 3 (1952)

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, SEPTEMBER 1952. UNCLASSIFIED.

YARMOLA, P.

Corn cobs as a filling for laminated boards. Prom. koop. 12 no.8:28 Ag '58. (MIRA 11:9)

1.Nachal'nik otdela mebel'no-konstruktorskogo byuro Ukrpromsoveta, Kiyev.

(Plywood) (Corncobs)

24.3410

1087

S/181/62/004/009/003/045
B108/B186

AUTHORS: Karkhanin, Yu. I., Peka, G. P., and Yarmola, T. M.

TITLE: Quenching of infrared luminescence of cuprous oxide by hydrogen ions

PERIODICAL: Fizika tverdogo tela, v. 4, no. 9, 1962, 2306 - 2311

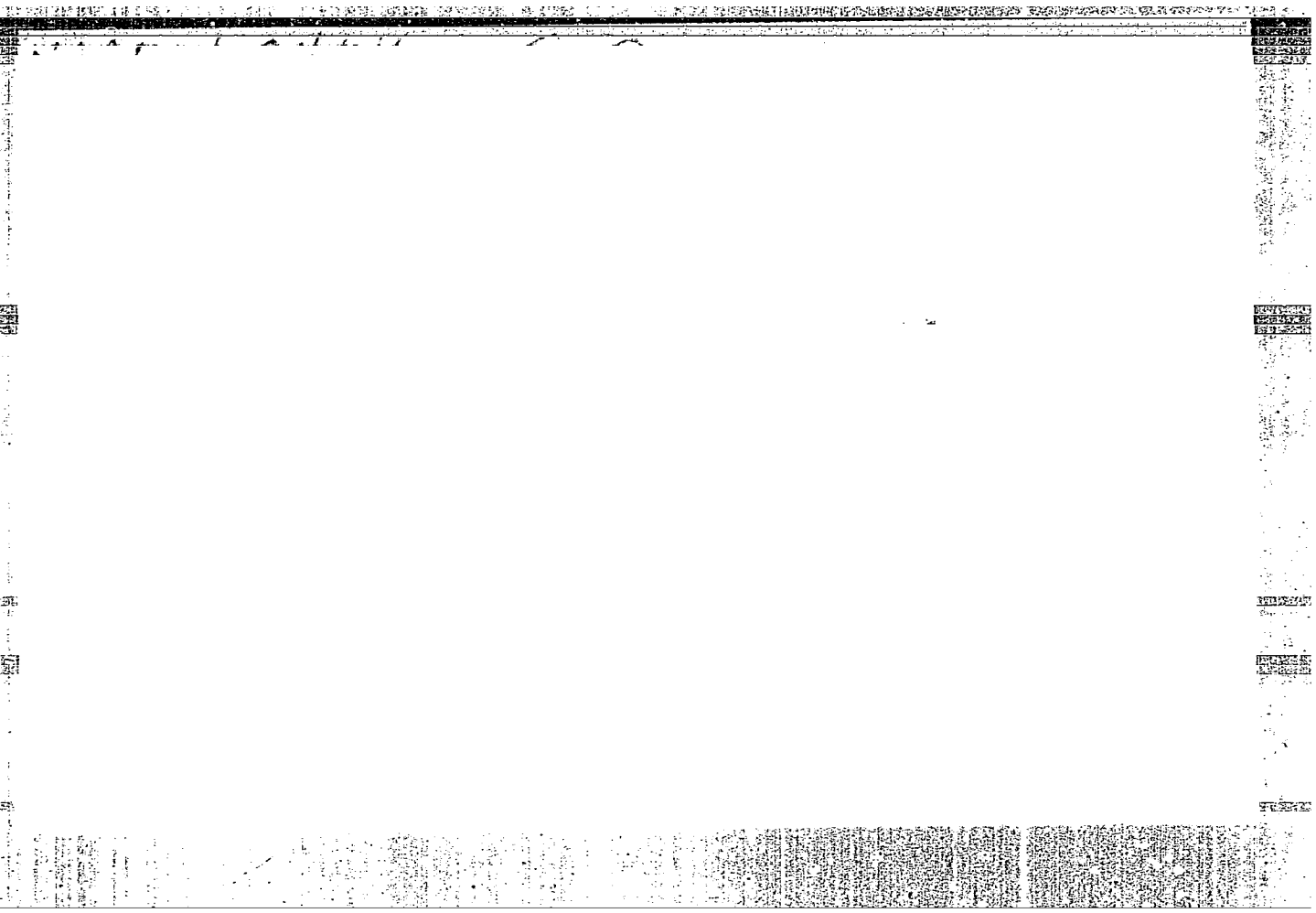
TEXT: The dependence of quenching the IR luminescence of Cu_2O on the concentration of the hydrogen ions in the surrounding medium was studied. Various electrolytic solutions were placed in irradiation cells with a transparent bottom and covered with Cu_2O. The latter was irradiated with monochromatic light, whereupon luminescence intensities of dry Cu_2O (i_{dr}) and of Cu_2O in contact with the electrolyte (i_{el}) were measured. Distilled water and slightly acid solutions caused stronger quenching than solutions of salts and bases. A linear dependence of the ratio $C = i_{el}/i_{dr}$ on the pH of the electrolyte was established. Quenching becomes less in-

Card 1/2

YARMOL'CHUK, G. G.

YARMOL'CHUK, G. G. - "Automatic Control of the Electric-logging Type in the Drilling of Inclined Wells." Acad Sci USSR, Inst of Automation and Telemechanics, Moscow, 1955 (Dissertations for Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962130001-8"

TOPCHIYEV, A.V., akademik, glavnyy redaktor; SHUMILOVSKIY, N.N., doktor tekhnicheskikh nauk, otvetstvennyy redaktor; LOSSIYEVSKIY, V.L., redaktor; MEZIN, I.S., redaktor; NADZHAFOV, E.M., redaktor; PLISKIN, L.G., redaktor; STRAKHOVA, L.P., redaktor; YARMOL'CHUK, G.G., redaktor; PRUSAKOVA, T.A., tekhnicheskiy redaktor

[Session of the Academy of Sciences of the U.S.S.R. on scientific problems in automatization of production, October 15-20, 1956. Overall automatization of production processes] Sessiia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g; kompleksnaia avtomatizatsiia proizvodstvennykh protsessov. Moskva, 1957. 310 p. (MLRA 10:4)

1. Akademiya nauk SSSR.
(Automatic control) (Automation)

YAROMOL'CHUK, G.G.

SHUMILOVSKIY, N.N., doktor tekhnicheskikh nauk, professor; YAROMOL'CHUK, G.G., kandidat tekhnicheskikh nauk.

Control in oriented borings and the use of mass spectrometry for the analysis of underground coal gas. Podzem.gaz.ugl. no.2:61-65 '57. (MLRA 10:7)

1. Institut avtomatiki i telemekhaniki Akademii nauk SSSR.
(Coal gasification, Underground) (Automatic control)
(Mass spectrometry)

103-19-3-7/9

AUTHOR: Yarmol'chuk, G. G. (Moscow)

TITLE: A Contactless Method for the Determination of the Specific Electric Resistance (Beskontaktnyy metod opredeleniya udel'nogo elektricheskogo sprotivleniya)

PERIODICAL: Avtomatika i Telemekhanika, 1958, Vol.19, Nr 3, pp.257-267 (USSR)

ABSTRACT: At first the physical foundations of the method are given. The utilization of the high-frequency currents for the determination of the specific electric resistance of materials is described. The physical foundations given here for a contactless measurement of the specific electric resistance ρ show that the task consists of the measurement of the effective resistance supplied to the circuit of the inductance coil. This resistance can be measured according to any known method. In the Institute for Automation and Remote Control of the AS USSR a bridge-circuit given here was used for the control of the specific electric resistance according to the contactless method (Ref 5) (in small samples). The two methods of measurement possible in this circuit are described and for these the formulae for determining the

Card 1/2

A Contactless Method for the Determination of the Specific Electric Resistance

sensitivity of the bridge-circuits are derived. Formulae for the calculation of such schemes are given. The method described here can be employed for the measurement of small samples of nonmagnetic materials of 20 - 30 mm^3. A device for the rejection of defective carbon brushes by means of the contactless method according to the specific electric resistance is described. The device proved to be useful and is since one and a half years used in a factory for carbon brushes. The theoretical descriptions given here show the possibility to utilize eddy currents for control and how to get along in this manner without any contacts between the object of measurement and the elements of the measuring circuit. There are 10 figures and 12 references, 8 of which are Soviet.

SUBMITTED: April 25, 1957

SHUMILOVSKIY, Nikolay Nikolayevich; YARMOL'CHUK, Georgiy Grigor'yevich; GRABOVETSKIY, Vitaliy Prokof'yevich; PRUSOV, Mikhail Antipovich

[Eddy current methods for production parameter control; principles of theory and design] Metod vikhrevykh tokov dlia kontrolia proizvodstvennykh parametrov; osnovy teorii i rascheta. [By] N.N.Shumilovskii i dr. Frunze, Izd-vo "Ilim," 1964. 296 p. (MIRA 18:3)

YARMOLENKA, N.F., professor.

M.V.Lomonosov, founder of modern chemistry. Vestsi AN BSSR no.1: 5-15 Ja-F '52. (MLRA 7:8)

1. Pravadzeyny chlen AN BSSR.
(Lomonosov, Mikhail Vasil'evich, 1711-1765) (Chemistry--History)

YARMOLENKA, N.F., professor; LEVITMAN, Kh.Ya., kandydat tekhnicheskykh navuk.

High molecular compounds in solutions of salt mixtures based on alkalinity data. Vestsi AN BSSR no.1:63-66 Ja-F '52. (MLRA 7:8)

1. Pravadzeyny chlen AN BSSR (for Yarmolenka)
(Systems (Chemistry)) (Molecular dynamics)

YARMOLENKA, N.F.; NOVIKAVA, Ye.N., kandidat khimichnykh navuk

Protective action of antacids of the phenol group against the aging of natural rubber. Vestsi AN BSSR no.4:98-108 Jl-Ag '52. (MLRA 7:8)

1. Pravadzeyny chlen AN BSSR (for Yarmolenka)
(Phenols) (Rubber)

YARMOLENKA, N.F.; YARAFEYEU, B.V.

Results of the work of the Seventh All-Union Conference on Problems of Chemistry and Physical Chemistry of High Molecular Compounds. Vestsi AN BSSR no.5:105-108 S-O '52. (MIRA 7:8)
(High molecular weight compounds)

YARMOLENKA, N.F.

Sedimentary thixotropy and laminar coagulation as two different forms of volumetric and surface coagulation. Vestsi AN BSSR no.4:123-132 Jl-Ag '54. (MIRA 8:9)
(Colloids)

USSR / General Problems of Pathology. Immunity. U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102398.

Author : Peysel', Z. G.; Yarmolenko, A. G.; Vorob'yev, A. A.
Inst : Not given.
Title : The Influence of Nonspecific Stimuli on the Production of Diphtherial and Tetanus Antitoxin.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiol., No 2, 121-122.

Abstract: Rabbits were immunized by diphtherial anatoxin. Prior to immunization, they had 0.0005 active units in 1 ml. After the 3rd immunization, both in those receiving pilocarpine (I;0.5 mg/kg) and in control rabbits, after a small decrease, the titer active unit reached the maximum (0.06 and 0.04) towards the 48th hour. With introduction

Card 1/2

Leningrad Inst 16
Vaccines + Sera

YARMOLENKO, A.G.; GEFTER, S.P.

Complement fixation reaction with dried pruified tuberculin in experimental tuberculosis in guinea pigs and in patients with tuberculosis. Probl.tub. 37 no.7:76-81 '59. (MIRA 13:4)

1. Iz kafedry legochnogo tuberkuleza (zav. - prof. A.Ya. TSigel'nik) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova i tuberkulinovoy laboratorii (zav. - doktor med.nauk M.A. Linnikova) Leningradskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok.
(TUBERCULOSIS immunology)
(COMPLEMENT)

YARMOLENKO, A.I.; SHISHKIN, V.I.

Mechanized operations at the charge hoisting equipment. Metallurg 6 no.5:20-21 My '61. (MIRA 14:5)

1. Zavod "Krasnyy Oktyabr'."
(Open-hearth furnaces—Equipment and supplies)

YARMOLENKO, A.S.

Distribution of endogenic copper mineralization in the southern part of Krasnoyarsk Territory. Trudy SNIIGGIMS no.25:3-23 '62. (MIRA 16:4)
(Krasnoyarsk Territory—Copper ores)

YARMOLENKO, A.S.; SHUR, Ya.S.

Magnetic structural analysis of a highly coercive alnico alloy. Fiz. met. i metalloved. 17 no.1:31-39 Ja '64. (MIRA 17:2)

1. Institut fiziki metallov AN SSSR.

YARMOLENKO, A.S.

Structural and genetic relations between the mineralization and the roots of Sinian paleovolcano as revealed by a study of a deposit in the Yenisey Range. Trudy Lab. paleovulk. Kazakh. gos. un. no.2:186-189 '63. (MIRA 17:11)

1. Kazakhskiy institut mineral'nogo syr'ya.

KRISHTOFOVICH, A.N. [deceased]; PALABIN, I.V. [deceased]; SHAPARENKO, K.K. [deceased]; YARMOLENKO, A.V. [deceased]†; BAYKOVSKAYA, T.N.; GRUBOV, V.I.; IL'INSKAYA, I.A.; SHISHKIN, B.K., redaktor; SHCHEBINA, T.S., redaktor; KIRNARSKAYA, A.A., tekhnicheskiy redaktor.

[Oligocene flora of Mount Ashutas in Kazakhstan] Oligotsenovaia flora gory Ashutas v Kazakhstane. Moskva, Izd-vo Akademii nauk SSSR, 1956. 178 p. (Akademiia nauk SSSR. Botanicheskii institut. Trudy, Ser. 8, no.1. Paleobotanika). (MLRA 9:8)

1. Chlen-korrespondent AN SSSR (for Krishtofovich, Shishkin)
(Kazakhstan--Paleobotany)

† Deceased June 1964

YARMOLENKO, A.V., kandidat pedagogicheskikh nauk.

Time concepts in blind deaf-mutes. Trudy Gos.inst.po izuch.mozga 15:174-181 '47. (MLRA 7:2)

(Blind-deaf) (Time perception)

Yarmolenko, A.V.

YARMOLENKO, A.V.

I.V.Stalin's work on "Marxism and problems of linguistics" and I.P.Pavlov's teachings on the two signal systems. Uch.zap.Len. un no.185:71-78 '54. (MLRA 8:10)
(Language and languages) (Thought and thinking)

YARMOLENKO, Avgusta Viktorovna

Academic degree of Doctor of Pedagogical Sciences (in psychology), based on her defense, 16 May 1955, in the Council of Leningrad Order of Lenin State University imeni Zhdanov, of her dissertation entitled: "The development of perceptional activity in the blind and deaf."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 222, 12 Nov 55, Byulleten' MVO SSSR, No. 19, Oct 56, Moscow, pp. 13-24, Uncl. JPRS/NY-535

YARMOLENKO, A.V.

The problem of polyglotism; relation between the image and concept in two languages. Uch.zap.Len.un. no.203:87-104 '55. (MLRA 9:7)
(Language and languages--Study and teaching)

YARMOLENKO, A.V.

Personality as affected by the loss of sight and hearing. Uch.zap. Len.un. no.214:137-154 '56. (MLRA 10:3)
(Blind--Deaf) (Personality)

SHNIRMAN, A.L.; YARMOLENKO, A.V.

Vladimir Mikhailovich Bekhterev; on the 100th anniversary of his birth. Vop. psikhol. 3 no.2:43-52 Mr-Ap '57. (MLRA 10:6)
(Bekhterev, Vladimir Mikhailovich, 1857-1927)

YARMOLENKO, A.V.

Small child's need for communication and speech. Uch.zap. LGU no.287:86-95 '60. (MIRA 13:6)
(Oral communication) (Child study)

YARMOLENKO, A. V.

"Sposobnost' k mnogoyazychiyu."

report submitted for 15th Intl Cong, Intl Assn of Applied Psychology, Ljubljana, Yugoslavia, 2-8 Aug 1964.

Leningradskiy universitet.

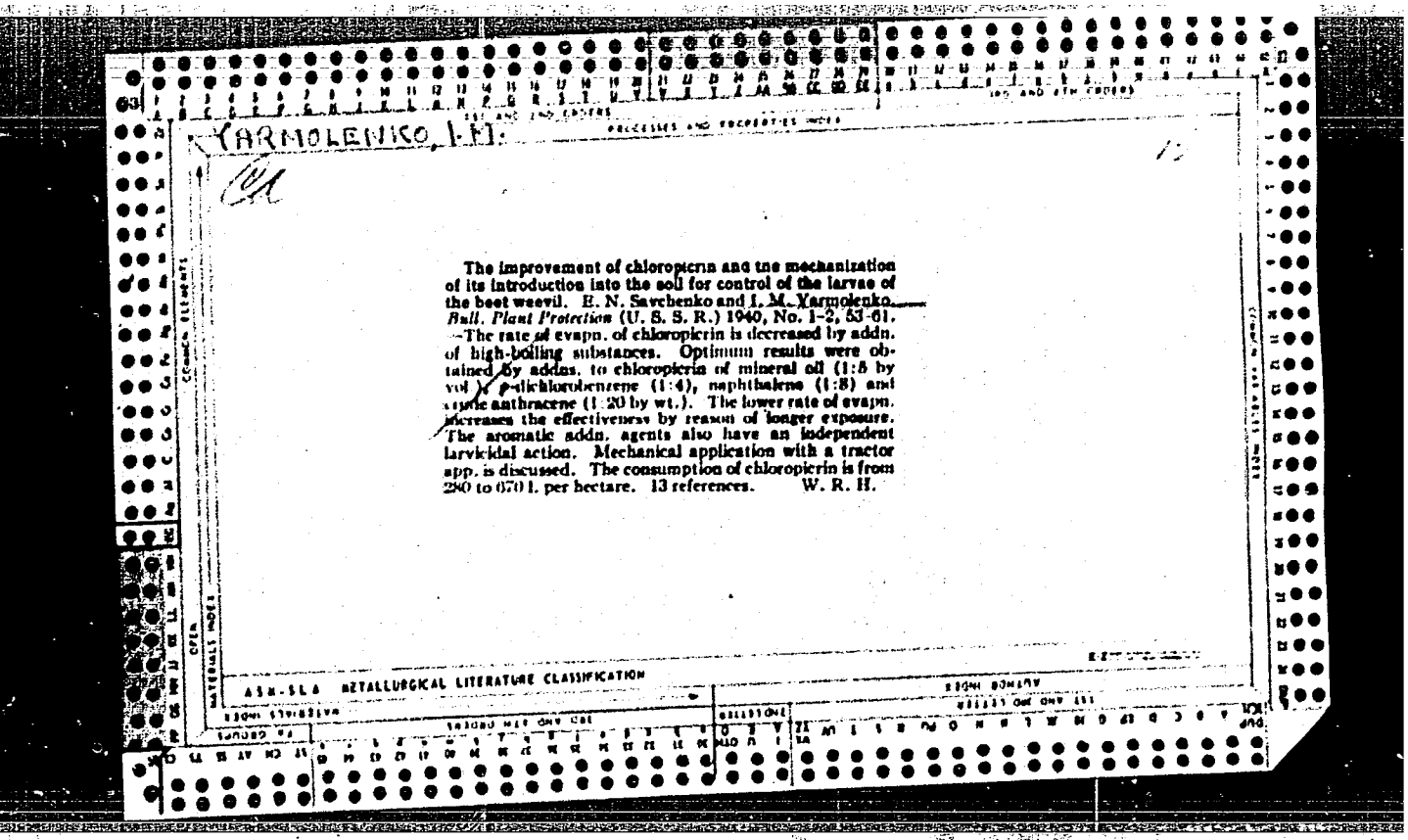
ONISHCHENKO, Z.A.; YARMOLENKO, G.P.

Production of veneer of 0.2-0.6 mm thickness. Der. prom. 13 no.4:19-20 Ap '64. (MIRA 17:4)

YAVORSKIY, Ye. I., inzh; YARMOLENKO, G.Z., inzh.

Equipment for placing precast reinforced concrete supports.
Shakht. strei. 5 no.5:23-24 My '61. (MIRA 14:6)

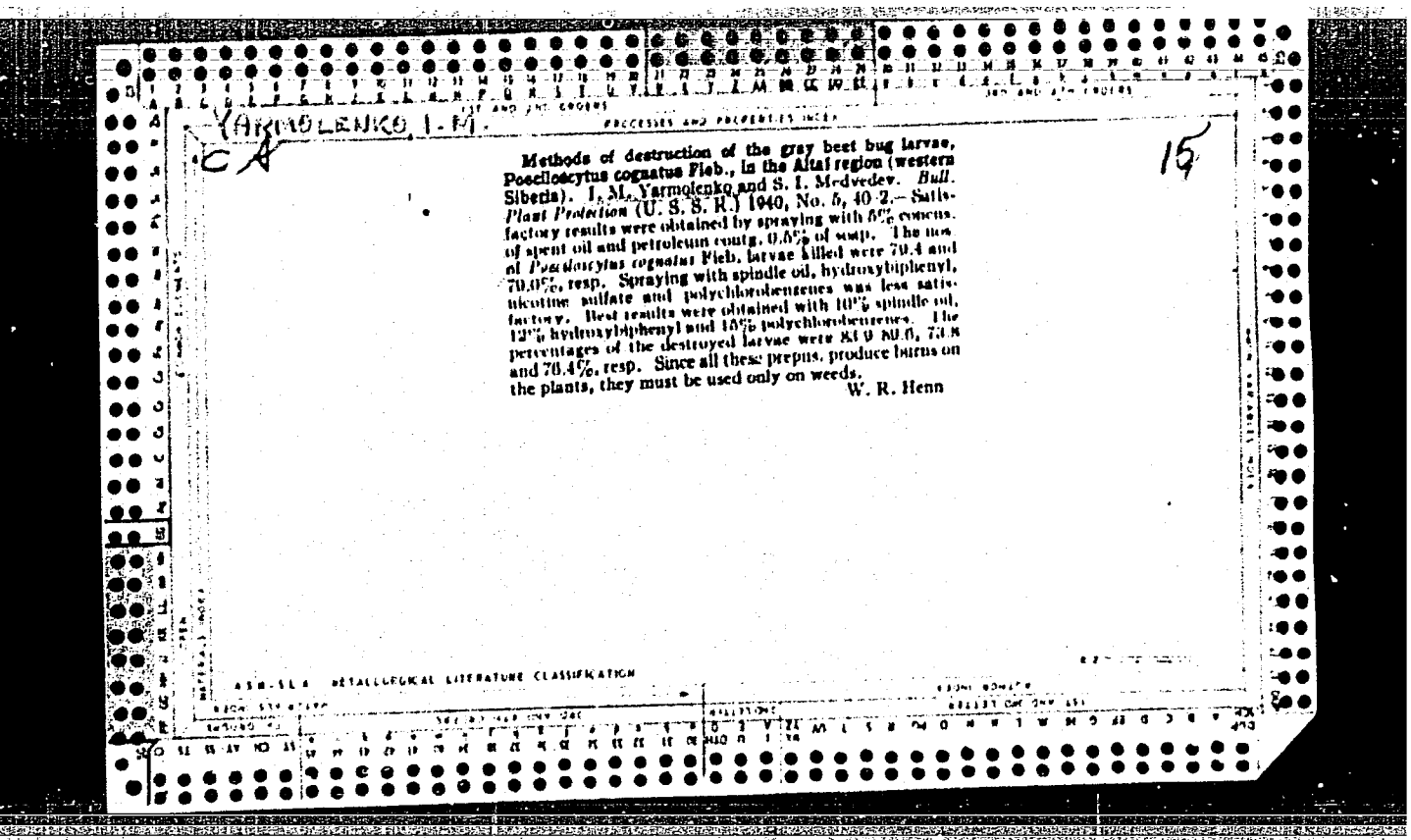
1. Nauchno-issledovatel'skiy gornorudnyy institut..
(Mine timbering)



YARMOLENKO, I. M.

The improvement of chloropicrin and the mechanization of its introduction into the soil for control of the larvae of the beet weevil. E. N. Savchenko and I. M. Yarmolenko. *Bull. Plant Protection* (U. S. S. R.) 1940, No. 1-2, 53-61. —The rate of evapn. of chloropicrin is decreased by addn. of high-boiling substances. Optimum results were obtained by addns. to chloropicrin of mineral oil (1:5 by vol.), *p*-dichlorobenzene (1:4), naphthalene (1:8) and crude anthracene (1:20 by wt.). The lower rate of evapn. increases the effectiveness by reason of longer exposure. The aromatic addn. agents also have an independent larvicidal action. Mechanical application with a tractor app. is discussed. The consumption of chloropicrin is from 280 to 670 l. per hectare. 13 references. W. R. H.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



YARMOLENKO, I. M.

CA

15

Methods of destruction of the gray beet bug larvae, Poecilocoytus cognatus Fieb., in the Altai region (western Siberia). I. M. Yarmolenko and S. I. Medvedev. *Bull. Plant Protection* (U. S. S. R.) 1940, No. 5, 40-2.—Satisfactory results were obtained by spraying with 5% concns. of spent oil and petroleum contg. 0.5% of soap. The mortality of *Poecilocytus cognatus* Fieb. larvae killed were 70.4 and 70.0%, resp. Spraying with spindle oil, hydroxybiphenyl, nicotine sulfate and polychlorobenzenes was less satisfactory. Best results were obtained with 10% spindle oil, 12% hydroxybiphenyl and 15% polychlorobenzenes. The percentages of the destroyed larvae were 83.9, 80.6, 73.8 and 70.4%, resp. Since all these preps. produce burns on the plants, they must be used only on weeds.

W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

YARMOLENKO, I.M.

CA

15

Carbon disulfide in combating the beet weevil larvae.
R. N. Savchenko and I. M. Yarmolenko. *Otchety*
Vyndy Nauch.-Issledovatel. Rabot VNIS 1937, 1939,
240-1; *Khim. Referat. Zhur.* 1040, No. 8, 58-9.—Addn.
of 10% of naphtha to CS_2 increased the mortality of the
larvae to 88% (against 65% in the control); greater amts.
of naphtha in CS_2 decreased the effectiveness of fumiga-
tion. Analogous results were obtained with *p*-dichloro-
benzene. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

RUSHKOVSKIY, T.V.; ZUBCHENKO, P.I., nauchnyy sotr.; ZUBCHENKO, T.S., nauchnyy sotr.; YARMOLENKO, I.M., nauchn. sotr.; VRZHESHCH, Ye.S., nauchn. sotr.; ZAPOL'SKAYA, V.A., nauchn. sotr.; VIKTOROV, Ye.P., nauchn. sotr.; RYMARENKO, V.S., agronom; BUSLENKO, I.T., agronom; SAZONOV, V.V., red.; LEVINA, L.G., tekhn. red.

[Sugar beet in Siberia] Sakharnaia svekla v Sibiri. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1960. 206 p. (MIRA 15:1)

1. Glavnyy agronom po sakharnoy svekle Altayskogo krayevogo upravleniya sel'skogo khozyaystva (for Rushkovskiy). 2. Biyskaya opytno-selektsionnaya stantsiya po sakharnoy svekle (for Zubchenko, P.I., Zubchenko, T.S., Yarmolenko, Vrzheshch, Zapol'skaya, Viktorov). (Siberia--Sugar beets)

YARMOLENKO, L. I.

231T18

USSR/Medicine - Antibiotics May/Jun 52

"Bacteria of the Bacillus Mesentericus Group Which Act as Antagonists of Actinomycetaceae," L. I. Yarmolenko, M. I. Nakhimovskaya, First Moscow Order of Lenin Med Inst

"Mikrobiologiya" Vol 21, No 3, pp 300-302

Authors find that a strain isolated from the Bacillus mesentericus group acts as an antagonist of various members of actinomycetaceae. State that this strain acts bacteriostatically on the actinimycetaceae, depresses the formation of aerial mycelium and also intensifies formation of pigment. The antagonism is created by the formation of substances which possess antiactinomycetic characteristics.

231T18

NAKHIMOVSKAYA, M.I., OSTROVSKAYA, N.N., YARMOLENKO, L.I., IVANITSKAYA, L.P.

Simple method of increasing the antibiotic activity of actinomycetes in surface cultivation [with summary in English]. Mikrobiologiia 27 no.3:387-389 My-Je '58 (MIRA 11:9)

1. Kafedra mikrobiologii I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.

(ACTINOMYCES,
antibiotic prod., increase of productivity in surface cultivation (Rus))
(ANTIBIOTICS,
prod. by Actinomyces, increase of productivity in surface cultivation (Rus))

KOVALEVA, Ye.V.; DRATVINA, T.V.; YARMOLENKO, L.I.; SHISHOVA, Ye.M.; SHEVCHENKO, S.M.; BELOUSOVA, M.A.

Indications of the activity of the rheumatic process in children. Sov.med. 23 no.10:58-66 O '59. (MIRA 13:2)

1. Iz kafedry detskikh bolezney (zaveduyushchiy - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i kafedry mikrobiologii (zaveduyushchiy - prof. M.N. Lebedeva).
(RHEUMATIC FEVER physiology)

YARMOLENKO, L.I.

Use of the serological method to identify microbes of the family Bacillaceae. Mikrobiologiia 28 no.5:658-661 S-O '59.
(MIRA 13:2)

1. 1-y Moskovskiy ordena Lenina meditsinskiy institut im. M.I. Sechenova.
(BACILLUS)

KOVALEVA, Ye.V.; DRATVINA, T.V.; YARMOLENKO, L.I.; BEKOUSOVA, M.A.

Some immunological indications in children with rheumatic fever [with summary in English]. Pediatriia 37 no.1:43-49 Ja '59. (MIRA 12:1)

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya) i kafedry mikrobiologii (zav. - prof. M.N. Lebedeva) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(RHEUMATISM, in inf. & child
immunol. indices (Rus))

ZOLOTAREV, I.I.; DRATVINA, T.V.; YARMOLENKO, L.I.

Clinical and microbiological investigations of the effect of furadonin in inflammatory diseases of the urinary organs. Urologiia 25 no. 5:41-45 S-O '60. (MIRA 14:1)

(URAN) (URINARY ORGANS--DISEASES)

RYBAK, L.Ye.; YARMOLENKO, L.I.

Electron microscope observations on morphological changes in meningococci under the influence of sulfodimegine and antibiotics. Antibiotiki 6 no.6:531-534 Je '61. (MIRA 15:1)

1. Kafedra mikrobiologii (zav. - prof. M.N.Lebedeva) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(NEISSERIA MENINGITIDIS) (SULFONAMIDES)
(ANTIBIOTICS)

KUPREVICH, V.F., glavnyy red.; ATRAKHOVICH, K.K., red.; LUKASHOV, K.I. [Lukashou, K.I.], red.; YARMOLENKO, M.F. [Iarmolenka, M.F.], red.; NESTSYAROVICH, M.D., red.; GLEBKO, P.F. [Hlebka, P.F.], red.; SUDNIK, M.R., red.; PERTSOV, U.M. [Pertsau, U.M.], red.; VINOKUROV, F.P. [Vinakurau, F.P.], red.; BYAL'KEVICH, P.I., red.; VALAKHANOVICH, I., tekhn.red.

[Science in White Russia during 40 years] Navuka u Belaruskai SSSR za 40 hod. Minsk, Vyd-va Akad.navuk BSSR, 1958. 475 p.
(MIRA 12:3)

1. Akademiya navuk BSSR, Minsk.
(White Russia--Science)

YARMOLENKA, M.F.

Chemistry in White Russia during 1840-1863. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.3:109-116 '58. (MIRA 11:10)
(White Russia--Chemistry)

YARMOLENKO, M.F. [IArmolenko, M.F.]; MALISHEVSKAYA, L.I. [Malishevskaia, L.I.]

Dependence of the adsorption activity of lignin coal on conditions of its activation, structure, and natural development. Vestsi AN BSSR.Ser.fiz.-tekh.nav. no.4:66-71 '58. (MIRA 12:4)
(Carbon, Activated)

YARMOLENKO, M.F. [IArmolenka, M.F.]; ULAZAVA, A.R.

Adsorption of organic acids as a function of their structure, type of charcoal, and polarity of the medium. Vestsi AN BSSR Ser. fiz.-tekh. nav. no.3:36-41 '59. (MIRA 13:3)
(Acids, Organic) (Adsorption)

YARMOLENKO, M.F. [IArmolenka, M.F.]

Investigation of cation exchange of ions of unequal valence in clays. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:82-87 '61.
(MIRA 14:4)

(Ion exchange) (Clay)

PRODAN, L. I.; YARMOLENKO, M. F.[IArmolenka, M. F.]

Sparingly soluble copper, nickel and zinc tripolyphosphates. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:63-67 '61. (MIRA 14:10)

(Copper phosphates)
(Nickel phosphates)
(Zinc phosphates)

MAL'NEV, A.F.; KREMENCHUGSKIY, L.S.; BEREZKO, B.N.; SHEVTSOV, L.N.; BOGDEVICH, A.G.; KIRILLOV, G.M.; CHASHECHNIKOVA, I.T.; YARMOLENKO, N.A.; OFENGENDEN, R.G.; SERMAN, V.Z.; DALYUK, Yu.A.; BEREZIN, F.N.; KONENKO, L.D.; SHALEYKO, M.A.; SHEVCHENKO, Yu.S.; STOLYAROV, V.A.; KIRILLOV, G.M.; BOGDEVICH, S.F.; LYSENKO, V.T.; BRASHKIN, N.A.; SKRIPNIK, Yu.A.; GRESHCHENKO, Ye.V.; TUZ, R.M.; SERPILIN, K.L.; GAPCHENKO, L.M.

Abstracts of completed research works. Avtom. i prib. no.3:90-91 Jl-S '62. (MIRA 16:2)

1. Institut fiziki AN UkrSSR (for all except Skripnik, Greshchenko, Tuz, Serpilin, Gapchenko). 2. Kiyevskiy politekhnicheskiy institut (for Skripnik, Greshchenko, Tuz, Serpilin, Gapchenko).

(Research)

LAMBIN, L.N., YARMOLENKO, N.N. [IArmolenka, N.N.]

Method for constructing multicomponent system diagrams. Vestsi AN BSSR. Ser. fiz.-tekhn. nav. No.2:10-16 '58. (MIRA 11:10)
(Systems (Chemistry))

GORODETSKAYA, Ye.G; [Horodets'ka, E.H.], prof.; SHESTERNINA, G.A. [Shesternina, H.A.]; YARMOLENKO, N.A.

Exercise therapy in the compound treatment of rheumatism in children. Ped., akush. i gin. 22 no.6:10-12 '60. (MIRA 14:10)

1. Kafedra pediatrii No.2 (zaveduyushchiy - prof. Ye.G.Gorodetskaya [Horodets'ka, E.H.]) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im. akad.Bogomol'tsa (direktor - dotsent M.N.Umovist).

(EXERCISE THERAPY) (RHEUMATIC FEVER)

GORODETSKAYA, E.G. [Horodets'ka, E.H.]; ZVONAREVA, G.N. [Zvonar'ova, H.N.]; SOFIYENKO, T.A. [Sofiienko, T.A.]; YARMOLENKO, R.A.; ZHADANOVA, R.I.

Ballistocardiography in cardiovascular pathology in children. Fiziol. zhur. [ukr.] 8 no.5:600-608 S-O '62. (MIRA 17:11)

1. Department of Pediatrics of the Kiyev Post-Graduate Institute for Physicians and the First Children's Hospital of Shevchenko District, Kiyev.

YARMOLENKO, V.N.

Biological games and quizzes. Biol. v shkole no. 1:87-89 Ja-F '61.
(MIRA 14:4)

1. Poltavskiy pedagogicheskiy institut.
(Biology--Study and teaching)

YARMOLENKO, V.Ye., aspirant.

Effect of using trains of standard make-up on the traffic capacity of double-track railroad sections. Trudy MTEI no.7:216-239 '57.
(Railroads--Traffic) (MIRA 11:5)

TIKHOMIROV, I.G., prof., doktor tekhn. nauk; TULUPOV, L.P., kand. tekhn. nauk; NEVZOROV, A.V., kand. tekhn. nauk; BUYANOV, V.A., inzh.; MUKHO, P.B., inzh.; VINNICHENKO, A.V., inzh.; SHUL'ZHENKO, P.A., inzh.; YASKOLENKO, V.Ye., inzh. (Gomel')

"Organization of railroad traffic" by F.P. Kochnev and others. Reviewed by I.G. Tikhomirov and others. Zhel. dor. transp. 41 no.4:93-96 Ap '59. (MIRA 12:6)
(Railroads--Traffic)
(Kochnev, F.P.)

KRAPIVIN, A.F.; YARMOLENKO, V.Ye., kand.tekhn.nauk (Sverdlovsk)

New developments in the technology of classification yard operations. Zhel.dor.transp. 42 no.8:67-71 Ag '60. (MIRA 13:8)
(Railroads--Hump yards)

TIKHOMIROV, I.G., prof., doktor tekhn. nauk; BUYANOV, V.A., ass.; VINNICHENKO, A.V., ass.; MUKHO, P.B., ass.; NEVZOROV, A.V., dots.; TULUPOV, L.P., dots.; SHUL'ZHENKO, P.A., ass.; YARMOLENKO, V.Ye., ass.; Prinimal uchastiye PETROV, A.P., prof.; VEREVKINA, N.M., red.; BELEN'KAYA, I.Ye., tekhn. red.

[Traffic organization in railroad transportation]Organizatsiia dvizheniia na zheleznodorozhnom transporte; konspekt lektsii. Pod obshchei red. I.G.Tikhomirova. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 346 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov).
(Railroads—Traffic)

YARMOLENKO, V.Ye., kand. tekhn.nauk

Discussing the new standard norms for the duration of the basic operations in classification yards. Trudy BIIZHT no.9:70-76 '61.
(MIRA 16:9)

(Railroads—Hump yards)