GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; KUZNETSOVA, G.A. [Kuznetsova, H.O.]; MUSATENKO, L.I.

Germination inhibitor from fruit of Crambe tataria Sevcok. Ukr. bot.zhur. 17 no.1:29-39 '60. (MIRA 13:6)

1. Institut botaniki AN USSR.
(Growth inhibiting substances)
(Crambe)

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.], GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

Problem of the effect of light and the assimilation of carbon dioxide on the uptake of nutrients by plants. Ukr.bot.zhur. 17 no.2:29-38 '60. (MIRA 13:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy i Institut botaniki AN USSR.
(Plants, Effect of light on)
(Plants—Nutrition)

GRODZINSKIY, A.M.

Competitive interrelationships between millet and weeds. Ukr. bot. zhur. 17 no.6:54-57 '60. (MIRA 14:3)

1. Institut botaniki AN USSR, otdel fiziologii rasteniy.
(Millet) (Weeds) (Plants--Assimilation)

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; LAPCHIK, V.F. [Lapchyk, V.F.]; PARSHIKOV, V.N. [Parshykov, V.M.]

Effect of photosynthesis on the nitrogen nutrition of plants. Ukr. bot. zhur. 18 no.3:13-22 '61. (MIRA 14:12)

1. Institut botaniki AN USSR, otdel fiziologii.
(Nitrogen metabolism)
(Plants, Effect of light on)

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; OSYCHNYUK, V.V.

Guttation of plants under natural conditions in the Ukraine.
Ukr. bot. zhur. 19 no.4:15-22 '62. (MIRA 15:9)

1. Institut botaniki AN UkrSSR, otdel fiziologii i geobotaniki.
(Ukraine—Exudation (Botany))

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

Phytocoenotic role of physiologically active plant secretions; review of literature. Ukr.bot.zhur. 19 no.5:3-20 '62. (MIRA 16:1)

1. Institut botaniki AN UkrSSR, otdel fiziologii rasteniy.
(Allelopathy) (Phytosociology)

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; MOKHOVA, N.I.; PILIPENKO-YURCHAK, L.D. [Pylypenko-IUrchak, L.D.]; FILIPPOVICH, T.N. [Filippovych, T.M.]

Growth inhibiting substances in crop residues and weeds. Part 1: Effect of water-soluble inhibitors on seed germination and plant growth. Ukr. bot. zhur. 19 no.6:30-38 '62. (MIRA 16:2)

1. Institut botaniki AN UkrSSR, otdel fiziologii.
(Growth inhibiting substances) (Germination)

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

"Plant physiology" by H.Lundegardh. Reviewed by A.M.Hrodzins'kyi.
Ukr. bot. zhur. 20 no.4:121-124 '63. (MIRA 17:4)

GRODZINSKIY, A. M.

"Die akkumulation der kolinen in den struktureleme[illegible] des ukrainischen Steppengebietes."

report submitted for 10th Intl Botanical Cong, Edinburgh, [illegible] Aug 64.

AS UkSSR.

GROZINSKIY, Andrey Mikhaylovich; GROZINSKIY, Dmitriy Mikhaylovich; KALININ, F.L., doktor biol. nauk, otv. red.; KILLEROG, N.S., red.

[Concise handbook on plant physiology] Kratkii spravochnik po fiziologii rastenii. Kiev, Nauk. dumka, 1964. 387 p. (MIRA 17:10)

GRODZINSKIY, A.M.

Results of the work of International Symposium on Physiology, Ecology and Biochemistry of Seed Germination in Greifswald. Fiziol. rast. 11 no.2:355-358 Mr-Ap '64. (MIRA 17:4)

BILENKO, Y(P. [Bilenko, K.P.]; GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; PARSHIKOV, V.N. [Parshykov, V.M.]

Effect of light conditions on the motion of assimilates in corn. Ukr. bot. zhur. 21 no. 2:47-54 '64. (MIRA 17:5)

1. Institut fiziologii rasteniy AN UkrSSR i Institut botaniki AN UkrSSR.

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

Interrelation between phytocenosis components. Ukr. bot. zhur. 21 no.3:3-11'64 (MIRA 17:7)

1. Institut botaniki AN UkrSSR, otdel fiziologii rasteniy.

GRODZINSKIY, Andrey Mikhaylovich; ZEROV, D.K., akademik, otv. red.; SKUTSKAYA, N.P., red.

[Allelopathy in the life of plants and their communities; principles of the chemical interaction of plants] Allelopatiia v zhizni rastenii i ikh soobshchestv; osnovy khimicheskogo vzaimodeistviia rastenii. Kiev, Naukova dumka, 1965. 198 p. (MIRA 18:9)

1. Akademiya nauk Ukr.SSR (for Zerov).

VLASYUK, P.A.; GRODZINSKIY, D.M.

Tropisms of plant roots toward nuclear radiations. Dokl.AN SSSR 105 no.6:1358-1360 D '55. (MLRA 9:4)

1.Deystvitel'nyy chlen AN USSR (for Vlasyuk).2.Institut fiziologii rasteniy i agrokhimii Akademii nauk USSR.
(Roots (Botany)) (Plants, Effect of radiation on)

GRODZINSKIY, D. M.

USSR/Biology - Plant physiology

Card 1/1 Pub. 22 - 51/53

Authors : Vlasyuk, P. A., Act. Memb. Acad. of Sc., Ukr. SSR.; and Grodzinskiy, D. M.

Title : Repeated utilization of phosphorus and sulfur by buckwheat

Periodical : Dok. AN SSSR 102/4, 845-847, Jun 1, 1955

Abstract : Biological data are presented on the re-utilization of P and S by buckwheat. Five references: 3 USSR and 2 USA (1932-1950). Tables.

Institution : Acad. of Sc., Ukr. SSR, Inst. of Plant Physiology and Agricultural Chem.

Submitted : January 8, 1955

GRODZINSKIY, D. M.

GRODZINSKIY, D. M. -- "The Effect of Small Doses of Ionizing Radiations on Plants." Acad Sci Ukrainian SSR, Inst of Botany. Kiev, 1955. (Dissertation for the Degree of Candidate of Biological Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

GRODZINSKIY, D.M.

8146

ON THE EFFECT OF NUCLEAR RADIATION OF PLANTS. P. A. Vlasyuk and D. M. Grodzinskiĭ (Inst. of Plant Physiology and Agrochemistry). Doklady Akad. Nauk S.S.S.R. 106, 562-4(1956) Jan. 21. (In Russian)

Studies of radioactive isotope effects on plants revealed many complicated and varying reactions produced by ionizing radiation. In some cases the same dose showed contrasting effects or no effects at all, depending on the temperature, nutrition level, or other external conditions. As a rule, the positive effects were produced by the small doses. Ionizing radiation produced two-phase reactions; small radiation doses intensified the physiological functions of the plant; the large doses slowed down and weakened the life functions of the cells and tissues, which eventually became restored to normal activity. Such two-phase reactions were observed in the study of Ca^{45} and P^{32} radiation on Saccharomyces cerevisiae. A similar parabiotic reaction was observed in Urnmyces onobrychidis. A diagram is presented showing the effects of ionizing radioactive isotope Ca^{45} on the breathing functions of Saccharomyces cerevisiae culture (in % to the breathing intensity in stable isotope media). Experiments were carried out on sugar beet leaves and oat seeds. On the basis of the studies it may be concluded that the effects of ionizing radiation are determined by the functional conditions of the growing organism or by some of its separate organs. It is also possible that the radiation affects plants as background excitation. (R.V.J.)

GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]; GRODZINSKIY, D.M. [Hrodzins'kyi,D.M.]

Relation between phosphorus and calcium uptake of corn plants and the conditions of aeration. Ukr.bot.zhur. 15 no.4:3-10 '58. (MIRA 12:5)

1. Institut botaniki AN USSR i Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy.
(Plants--Assimilation) (Plants--Respiration)
(Corn (Maize))

GRODZINSKIY, D. [Hrodzins'kyi, D.], kand.biol.nauk

Plants and radioactivity. Znan.ta pratsia no.11:11 N '59.
(MIRA 13:8)

(Plants, Effect of radioactivity on)

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.]

Natural radioactivity in mosses and lichens. Ukr.bot.zhur. 16 no.2:30-38 '59. (MIRA 12:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy.
(Mosses) (Lichens) (Radioactivity)

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.]; GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

Methods of studying growth substances in plants; survey of literature. Ukr.bot.zhur. 16 no.4:51-66 '59.(MIRA 12:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy Ukrainskoy akademii sel'skokhozyaystvennykh nauk i Institut botaniki AN USSR.
(Hormones(Plants))

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.]

Natural radioactivity of plants in the Ukrainian S.S.R. Ukr. bot. zhur. 17 no.6:3-14 '60. (MIRA 14:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy.
(Ukraine—Plants—Chemical composition) (Radioactive substances)

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.], GRODZINSKIY, A.M. [Hrodzins'kyi, A.M.]

Problem of the effect of light and the assimilation of carbon dioxide on the uptake of nutrients by plants. Ukr.bot.zhur. 17 no.2:29-38 '60. (MIRA 13:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy i Institut botaniki AN USSR.
(Plants, Effect of light on)
(Plants—Nutrition)

GR. MINBAIY, D.M., MANEMS, A.S., MATYK, V.T., (USSR)

"Respiration in the Leaves of Sugar Beet in Daylight Concurrent with Photosynthesis."

Report presented at the 9th Int'l. Biochemistry Congress, Moscow, 10-16 Aug 1961.

GRODZINSKIY, Dmitriy Mikhaylovich; VLASYUK, P.A., akademik, otv. red.; IGNATENKO, A.I., red.; POTOTSKAYA, L.A., tekhn. red.

[Methods of using radioactive isotopes in biology]Metodika primeneniia radioaktivnykh izotopov v biologii. Kiev, Izd-vo Ukr. akad. sel'khoz.nauk, 1962. 170 p. (MIRA 15:11)
(Tracers (Biology))

GRODZINSKIY, D.M. [Hrodzins'kyi, D.M.]

Quantum phenomena in the vital processes of plant organisms.
Ukr.bot.zhur. 19 no.1:3-20 '62. (MIRA 15:4)

1. Institut fiziologii rasteniy Ukrainskoy akademii sel'skokhozyay-stvennykh nauk.
(Plants--Physiology)

GROZINSKIY, Andrey Nikolayevich; GROZINSKIY, Dmitriy Nikolayevich; KALININ, F.L., doktor biol. nauk, otv. red.; KILLENOG, L.N., red.

[Concise handbook on plant physiology] Kratkii spravochnik po fiziologii rastenii. Kiev, Nauk. dumka, 1964. 387 p. (MIRA 17:10)

GROSSHEIM, A. A.

"On the correlation of innate radiation and plant phylogeny."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS UkSSR.

GRODZINSKIY, D.M.; LYSENKO, P.V., red.

[Natural radioactivity of plants and soils] Estestvennaia radioaktivnost' rastenii i pochv. Kiev, Naukova dumka, 1965. 215 p. (MIRA 18:6)

GROMZINSKIY, D.M., BIDZILYA, N.I., GOLIKOVA, G.F.

Factors of radiosensitivity of plants [illegible] irradiation. Radiobiologiia 5 no.4:590-601 '65. (MIRA 18:9)

1. Institut fiziologii rasteniy AN UkrSSR, Kiyev.

GRODZINSKIY, D.M.; GOLIKOVA, O.P.

Forms of the bond of potassium in plant tissues. Biofizika 10 no.3:534-537 '65. (MIRA 18:11)

1. Institut fiziologii rasteniy AN UkrSSR, Kiyev. Submitted Aug. 17, 1864.

S/196/61/000/010/028/037
E194/E155

AUTHORS: Pechuro, N.S., Merkur'yev, A.N., Grodzinskiy, E.Ya., and Sokolova, N.I.

TITLE: An investigation of physical-chemical changes occurring in organic media under the influence of electrical discharges. Decomposition of liquid organic media during spark machining of metals

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.10, 1961, 41, abstract 10K 236. (Symposium "Problems of electrical machining of materials", M., AS USSR, 1960, 14-24)

TEXT: The organic liquids used during spark machining of metals (ligroin, kerosine, oil etc.) are decomposed by electrical discharge. Investigations of the changes in the physico-chemical properties of petroleum products, Synthin and Esthonian shale pitch after prolonged electric spark treatment show extensive decomposition of their organic compounds accompanied by an increase in the content of sulphur components and evolution of acetylene, hydrogen and soot; there is an increase in specific gravity,

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An investigation of physical-chemical... S/196/61/000/010/028/037
E194/E155

viscosity, flash and fire points and refractive index. The investigations were carried out on a laboratory electric spark equipment with a follow-up control system maintaining constant conditions with a capacitance of 12.5-500 microfarads, a voltage of 100-200 V and a current of 1-5 A. The petroleum products were treated for 35 hours and the Synthin and pitch for 20 hours. Characteristics are given of the materials before and after treatment, with information about the influence of the construction and material of electrodes on the evolution of gas and about the possibility of using the treated fluids and gases in the chemical and rubber industries.
11 literature references.

[Abstractor's note: Complete translation.]

Card 2/2

GRODZINSKIY—E+PA

FRASE I BOOK EXPLOITATION SOV/5186

Akademiya nauk SSSR. Tsentral'naya nauchno-issledovatel'skaya laboratoriya elektricheskoy obrabotki materialov

Problemy elektricheskoy obrabotki materialov (Problems of the Electrical Machining of Materials) Moscow, Izd-vo AN SSSR, 1960. 247 p. Errata slip inserted. 4,200 copies printed. (Series: Its: Trudy)

Sponsoring Agency: Akademiya nauk SSSR. Resp. Ed.: B. R. Lazarenko; Ed. of Publishing House: M. L. Podgoyetskiy; Tech. Ed.: S. P. Golub'.

PURPOSE: This collection of articles is intended for scientists and technicians concerned with the investigation of new ways of applying electrical energy.

COVERAGE: The book contains articles on studies carried out by the staff of the Tsentral'naya nauchno-issledovatel'skaya

S/856/62/000/000/008/011
E194/E135

AUTHORS: Pechuro, N.S., Grodzinskiy, E.Ya., and Pesin, O.Yu.

TITLE: The influence of the character of the feedstock on the composition and yield of decomposition products in electro-cracking of liquid hydrocarbons in an arc discharge

SOURCE: Problemy elektricheskoy obrabotki materialov. Tsentr. nauchnoissl. labor. elek. obrab. mat. AN SSSR. Ed. by B.R. Lazarenko. Moscow, Izd-vo AN SSSR, 1962. 192-198.

TEXT: The influence of the experimental conditions and of the feedstock on the products formed by electro-cracking have been inadequately studied. Contradictory results have been published. Tests were accordingly made with pure normal paraffinic hydrocarbons, with cycloparaffins and with aromatic compounds and, for comparison, with petroleum fractions with boiling ranges of 130-230 °C and 230-280 °C. The test cell, holding 70 mlitre of liquid, was made of transparent plastic except that benzene and O-xylol were tested in a quartz glass cell. The gap between the

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point-sphere steel electrodes was 1 mm. The open circuit voltage of the supply was 15 kV, with the current limited to 60 mA by a ballast resistance of 250 kilohms. Analyses of the gases obtained are tabulated and it is found that for normal paraffinic hydrocarbons the proportion of acetylene in the resulting gas increases somewhat with the chain length of the feed whilst the olefin yield remains practically constant. On cracking cyclohexane, the gas produced yields more acetylene (31%) than when the feed is paraffinic hydrocarbon of the same chain length, n-hexane (27%). Gas obtained from the decomposition of aromatic compounds is mainly acetylene and hydrogen; in the case of benzene the acetylene yield was 37%. The composition of gas produced by electro-cracking of petroleum distillate was very similar to that of paraffinic hydrocarbons. It made little difference whether d.c. or a.c. was used. From the carbon/hydrogen ratio in the initial and finished products, calculations are made of the yields of gas and carbon, and of the amounts of power and feed consumed. Theoretical and experimental values agreed, and for subsequent work the amount of feed used and of carbon produced were

calculated from the measured amount of gas evolved. The total yield of gas differed little from one hydrocarbon to another, though the amount of carbon produced varied. Calculated values of the specific mean power consumption are 4.4 kWh/m^3 C_2H_2 from paraffinic hydrocarbons, and 4 kWh/m^3 C_2H_2 when cracking cyclohexanes. It is best to use aromatic compounds for cracking because they need only about half the power of the other compounds. The results are valid only for the particular experimental conditions; later work showed that the yield and composition of the gas depend not only on the electrical conditions but also on the spark gap, the shape and arrangement of the electrodes and their surface condition.
There are 1 figure and 4 tables.

Card 3/3

S/856/62/000/000/010/011
E194/E135

AUTHORS: Pechuro, N.S., Grodzinskiy, E.Ya., and Pesin, O.Yu.

TITLE: The decomposition of organic liquids in high-voltage impulse discharges

SOURCE: Problemy elektricheskoy obrabotki materialov. Tsentr. nauchnoissl. labor. elek. obrab. mat. AN SSSR. Ed. by B.R. Lazarenko. Moscow, Izd-vo AN SSSR, 1962. 209-213.

TEXT: It was desired to find whether the relationships observed during the electrocracking of organic liquids (present collection of articles, 192-198) also hold for other kinds of discharges, and in particular with high-voltage impulses. Pulse durations of 10^{-6} and 10^{-3} seconds were used, derived from a capacitor discharge circuit with a charging voltage of 13.5 kV. The liquids were the same as before, namely normal paraffins, certain aromatics and two petroleum distillates, and the same test cells were used. Individual hydrocarbons yielded products in somewhat different proportions in the two cases but the general

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The decomposition of organic ... S/056/62/000/000/010/011
E194/E135

relationships between the yields of individual gases, for example acetylene, from the various organic liquids were very similar with the two kinds of discharge. Calculations similar to those made in the previous article were repeated, and again agreement with experiment was good. It was found that increasing the impulse duration from 10^{-6} to 10^{-3} seconds increases the yield of acetylene from unsaturated hydrocarbons by 5-6%, whilst the use of an a.c. arc described in the previous work raises it a further 3-5%. Decomposition of liquid hydrocarbons in an arc theoretically requires less energy to produce a given volume of acetylene than when pulses are used, and the yield is higher with an arc. The data obtained are valid only for the particular test conditions. There are 1 figure and 4 tables.

Card 2/2

PECHURO, I.S.; GRODZINSKIY, E.Ya.; PESIN, O.Yu.

Obtaining acetylene by the electric cracking of liquid hydrocarbon stock. Gaz. prom. 8 no.2:47-49 '63. (MIRA 17:8)

ACC NR: AP7001198 (A,N) SOURCE CODE: UR/0407/65/000/05-/0072/0079

AUTHOR: Grodzinskiy, E. Ya. (Moscow); Proklova, V. D. (Moscow)

ORG: none

TITLE: Electrochemical complicated-shape-cutting by wire electrode

SOURCE: Elektronnaya obrabotka materialov, no. 5-6, 1965, 72-79

TOPIC TAGS: electrochemical machining, metal machining

ABSTRACT: In 1964-65, the possibility of increasing the current density up to tens of amperes per cm^2 in electrochemical wire cutting of sheet steel was investigated; a rate-of-cutting up to 3 mm/min was achieved. Later, geometrical parameters of a water jet, 0.5 mm diameter, with and without a 0.3-mm wire, issuing from a 13°24' conoid nozzle were studied; curves of jet diameter vs. jet length (up to 30 mm), for pressures of 1, 3, 5 atm, are shown; initial speed of jet was estimated. Speeds of 20—30 m/sec corresponded to pressures of 5—10 atm. The gap length as a function of electrolyte rate-of-flow was measured in cutting

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ACC NR: AP7001198

3-mm thick stainless-steel sheet by 15% NaCl electrolyte; cutting speed, 2.2 mm/min; voltage, 20 v. It was found that reducing the gap is the best means for increasing the productivity of cutting. With a steel-cutting speed over 2 mm/min, the gap was under 0.06 mm and current density about 100 amp/cm^2. Smaller gaps proved impossible because anode-dissolution products could not be removed fast enough. With gaps under 0.08 mm, the speed of electrolyte should be 20 m/sec or higher. The process was tested in cutting these rolled products: hard-to-machine steel plate up to 11 mm thick, hardened steels, Al alloys, sheet tungsten, cylindrical bars and pipes. Optimal cutting parameters were: error, ±0.07 mm; slit taper, 2° or less; surface roughness, 6th class or better. Orig. art. has: 7 figures and 3 formulas.

SUB CODE: 13, 09 / SUBM DATE: none / ORIG REF: 004

Card 2/2

ACC NR: AP7001200 (A) SOURCE CODE: UR/0407/65/000/05-/0093/0097

AUTHOR: Grodzinskiy, E. Ya. (Moscow); Merkulov, G. V. (Moscow)

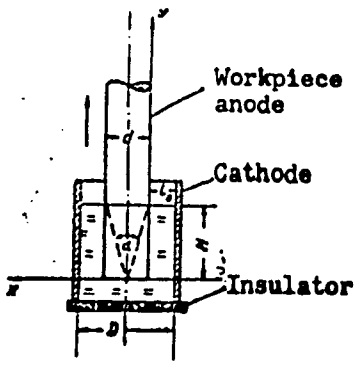
ORG: none

TITLE: Formation of conic surfaces by electrochemical machining

SOURCE: Elektronnaya obrabotka materialov, no. 5-6, 1965, 93-97

TOPIC TAGS: electrochemical machining, metal machining

ABSTRACT: Cone formation on a cylindrical or prismatic billet by electrochemical process is considered. The billet is first immersed in electrolyte and then gradually withdrawn (see figure). A purely empirical method yielded barrel-shaped cones and low accuracy in the final size. Hence, the present article tries to establish mathematical relations between the machining parameters and the required cone vertex angle and also tries to map out principal features of necessary equipment. A final formula for the rate-of-withdrawal is:



$$v = \frac{2 \cdot \Im \cdot \eta \cdot U \cdot \varkappa}{I \cdot \operatorname{tg}\frac{\alpha}{2}\left(2l_0 + \operatorname{tg}\frac{\alpha}{2} \cdot y\right)},$$

where $\Im$ - electrochemical equivalent of electrolyte; η - current efficiency, %;

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ACC NR: AP7001200

U - interelectrode voltage; χ - electrolyte conductivity; j - specific weight of billet material; α - cone vertex angle; l_0 - interelectrode distance; y - vertical coordinate. The formula permits proportioning various parameters in such a way that the cone generatrix is a straight line. The development of a semiautomatic machine for handling up to 10 billets, 0.5—8 mm diameter, 30—800 mm long is mentioned; voltage used, 12—18—24 v; current, up to 300 amp. A machining error of 0.01—0.05 mm obtained in experiments is claimed. Orig. art. has: 2 figures and 21 formulas.

SUB CODE: 13, 09 / SUBM DATE: none

Card 2/2

YUSHIN, A.I.; VODOP'YANOV, V.N.; GITEL'MAN, M.V.; GRODZINSKIY, L.I.

Designing a group of industrial buildings taking into account the deformation of foundations caused by underground workings. Prom. stroi. 38 no. 12:35-39 '60. (MIRA 13:12)

1. TSentrogiproshakht (for Yushin). 2. Khar'kovskoye otdeleniye Promstroyproyekt (for Godzinskiy).
(Foundations) (Industrial buildings)

[redacted]

KASSATSIONNOYE I NADZORNOYE PROIZVODSTVO V SOVETSKOM UGOLOVNOM PROTSESSE.
IZD. 2., DOP. MOSKVA, GOS. IZD-VO YURID. LIT-RY, 1953. 239 S.

AT HEAD OF TITLE: VSESOYUZNYY INSTITUT YURIDICHESKIKH NAUK.

GRODZINSKIY, P.

Low-Load Hardness, Its Elastic, Plastic, and Fracture Components. P. Grodzinski (*Metall*, 1955, 9, (13/14), 554–560).—The stresses and deformation occurring during indentation hardness testing vary greatly according to the magnitude of the load; elastic and elasto-plastic stresses occur in micro- and low-load testing, while plastic stresses and rupture predominate in macrohardness testing. G. defines micro, low-load, and macro-hardness tests as being carried out under loads of 1–200 g. (5–50 g.), 200 g.–10 kg. (200 g.–1 or 2 kg.) and >10 kg., resp., the values in brackets being those most usually encountered in practice. Plastic indentation by diamond pyramid indentors has led to the development of a new definition of hardness, which has as its basis the Meyer law, $h = P/d^n$. A method for determining the elastic component is described, and some of the results obtained thereby are discussed. During recent years many studies have been made of the nature of, and the hardness at which fracture of the diamond or of the immediate surroundings of the indentation takes place. The significance and the effects of such fractures on hardness detn. are described and illustrated; they are determined, to a large extent, by the type of indenter used—Vickers, Rockwell, Knoop, and double-cone indenters being most commonly employed. 25 r.f. E. N.

GRODZINSKIY, P.

Directional Aspects of Hardness in Aluminium [: Relationship Between Direction of Rolling and Hardness in Aluminium]. P. Grodzinski (*Aluminium*, 1956, 32, (4), 208–209).—See also *M.A.*, 23, 97. The influence of the direction of rolling on the mech. properties of Al sheet is usually determined by tensile tests on specimens cut at different angles, or by X-ray analysis. G. has carried out hardness tests on such samples, using a special shape of double-cone diamond indenter, with which he has been able to show the variation of hardness as a function of the texture. The shape of the indenter used is illustrated, and typical results are given in the form of graphs.—W. F. H.

GRODZENSKIY, V.A.; VISHNYAKOV, Ye.P.; MALOVITSKIY, Ya.P.

Apparatus for correlated recording of seismic vibrations and results of its use. Prikl. geofiz. no.37:67-94 '63. (MIRA 16:10)

GRODZINSKI, W.

The scientific activity of Prof. Theodore Marchlewski, 1899-1962.
Folia biol 10 no.3/4:145-154 '62.

1. Department of Animal Genetics and Organic Evolution, Jagellonian University, Krakow.

GRODZINSKIY, Ya. A.

Oct 48

USSR/Engineering
Power Plants
Fuels - Ratings

"Selecting a Rated Quality of Fuel in Calculating the Equipment of a Station," Ya. A. Grodzinskiy, Engr, 4 pp

"Za Ekonomiyu Toplive" Vol V, No 10

Tries to determine basis on which fuels should be rated for power plants and boilers, since their quality varies considerably. To solve the problem of whether they should be rated yearly, monthly, daily, or hourly, variations in the quality of 43/49T50

USSR/Engineering (Contd) Oct 48

fuel entering one station for 1947 were recorded, along with their effect on operation of units in the station.

43/49T50

GRODZINSKIY, Ya. A.

Feb 49

USSR/Engineering
Coal Breakers
Pulverizers

"Pneumatic Pulverization of Moscow-Region and Low-Grade Coals," Ya. A. Grodzinskiy, Engr, $4\frac{1}{2}$ pp

"Elek Stants" No 2

Discusses improvements and reconstruction of the "VTI Pneumo-Mill," a pneumatically operated coal-pulverizing outfit suitable for brown coal of the Moscow region and low-grade coals. This outfit is, in performance, not inferior to a tumbling-ball mill, and can be used as a substitute for ball mills. Because of its unit productivity (37

41/49T37

Feb 49

USSR/Engineering (Contd)

tons/hr for Moscow-region coal and 15 tons/hr for low-grade coal), it can be set up with powerful boiler units (two pulverizers per boiler). Gives three tables and five graphs of conducted tests.

41/49T37

BERNSHTEYN, L.A., inzhener; FERENS, N.I., inzhener; GRODZINSKIY, Ya.Yu., inzhener.

Vacuum filters for the dehydration of slurry. TSement 22 no.6: 4-8 N-D '56. (MLRA 10:2)
(Cement industries) (Filters and filtration)

BERNSHTEYN, L.A.; KIRILLOV, Yu.D.; POL'SKIY, L.L.; SATARIN, V.I.; Prinimali uchastiye: GRANITSA, A.G.; KANOVICH, Ye.G.; GRODZINSKIY, Ya.Yu.; KHUDYAK, M.L.; DOBROLOVSKIY, G.G.; ZABLOTSKIY, Ye.Z.; RYZHKIN, D.I.; OSTROVSKAYA, N.D.

Development and adoption of a system of hydraulic conveying of raw slurry at the Novo-Zdolbunov Cement Plant. Trudy IUzhgiprotsementa no.4:79-107 '63. (MIRA 17:11)

1. Gosudarstvennyy institut po proyektirovaniyu tsementnykh zavodov v yuzhnykh rayonakh SSR (for Granitsa, Kanovich, Grodzinskiy, Khudyak). 2. Novo-Zdolbunovskiy tsementnyy zavod (for Dobrolovskiy, Zablotskiy, Ryzhkin, Ostrovskaya).

36524
S/081/62/000/006/022/117
B171/B101

11.1210

AUTHORS: Stadnik, P. M., Sekeresh, Ye. Yu., Grodzitskiy, V. V.

TITLE: Effects of electric field on some catalytic processes carried out on metallic or semiconducting catalysts

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 59, abstract 6B414 (Dokl. i soobshch. Uzhgorodsk. un-t. Ser. khim., no. 4, 1961, 25-26)

TEXT: The authors indicate that, in the oxidation of methane on ZnO and on the mixture of 60 % ZnO + 40 % CuO as well as in the oxidation of a mixture of propane and butane on metallic Pt, the electric charge of the catalyst affects the discharge of CO_2. Variations of the CO_2 yield, amounting to 0.5-2 %, were found. [Abstracter's note: Complete translation.]

X

Card 1/1

GRODZIYEVSKIY,V.I.; CHEBAN,V.I.

Improving the D-54 engine oil pump. Avt. trakt. prom. no.6:30-31 Je '55. (MIRA 8:9)

1. Khar'kovskiy traktornyy zavod.
(Tractors--Engines)

Grodzievskiy, V.I.

KASHUBA, B.P.; GRODZIYEVSKIY, V.I.

Reactive centrifugal oil cleaner for the D-54 engine. Avt. i trakt. prom. no.10:3-5 O '55. (MLRA 9:1)

\1.Khar'kovskiy traktornyy zavod.
(Tractors--Engines--Oil filters)

GRODZIYEVSKIY, V. I.

USSR/ Engineering

Card 1/1 Pub. 128 - 2/25

Authors : Grodzievskiy, V. I., and Podol'nyy, A. I., Engineers

Title : Adaptation of centrifugal oil purification in crankshafts of tractor engines

Periodical : Vest. mash. 35/4, 7-10, Apr 1955

Abstract : Announcement is made on the introduction, in 1954, by the Kharkov Tractor Plant (KhTZ) of a new type crankshaft with centrifugal purfication of the oil in the cavities of the connecting rod gudgeon journals. The method of centrifugal purification of the (by a centrifugal force) oil in the shaft journals is explained. It is pointed out that the adaption of the centrifugal oil purfication method requires only small structural changes in the tractor engine shaft and leads to the considerable reduction in the wear of crankshaft journal and increases the service life of the shafts by approximately 3 times. Table; graphs; drawings.

Institution : .....

Submitted : .....

ZIL'BERG, Yu.Ya., kandidat tekhnicheskikh nauk; GRODZIYEVSKIY, V.I.

Thin-walled main bearing linings for tractor engines. Avt. i trakt. prom. no.3:17-20 Mr '56. (MIRA 9:7)

1.Nauchno-issledovatel'skiy avtotraktornyy institut i Khar'kovskiy traktornyy zavod.
(Tractors--Engines)

GRODZIYEVSKIY, V.I.; RYSTENKO, G.A.

Heating the cab of the DT-54 tractor. Avt.i trakt.prom. no.8:23-25 Ag '57. (MIRA 10:12)

1. Khar'kovskiy traktornyy zavod.
(Tractors) (Heating)

GRODZIYEVSKIY, V.I.; RISTENKO, G.A.

Heating the cab of DT-54 tractors. Mekh. sil'. hosp. [8] no.12: 21-22 D '57. (MIRA 10:12)

1. Kharkivs'kiy traktornyy zavod.
(Caterpillar tractors)

GRODZIYEVSKIY, V.I.; RYSTENKO, G.A.

Heating equipment used for warming up D-54 engines. Avt. i trakt. prom. no.12:31-34 D '57. (MIRA 11:1)

1. Khar'kovskiy traktornyy zavod.
(Tractors--Cold weather operation)

GRODZIYEVSKIY, V.I. [Hrodziievs'kyi, V.I.]; RISTENKO, G.O. [Rystenko, H.O.]

Heaters for D-54 engines. Mekh. sel'. hosp. 9 no.9:17-18 S '58.
(MIRA 11:10)

1.Khar'kovskiy traktornyy zavod.
(Tractors--Engines)

GRODZIYEVSKIY, V.I.

D-544 hopped up tractor engine. Trakt.i sel'khozmash. no.6:9-12 Je '59. (MIRA 12:9)

1. Khar'kovskiy traktornyy zavod.
(Tractors--Engines)

GRODZIYEVSKIY, Veniamin Isaakovich; GRIN', L.P., kand.tekhn.nauk, retsenzent; MAYEVSKIY, V.V., inzh., red.

[Centrifugal oil purification in tractor engines] TSentrobezhnaia ochistka masla v traktornykh dvigateliakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 71 p.
(Tractors--Engines--Oil filters)

GRODZIYEVSKIY, V.I., insh.; KOVAL', I.A., insh.

Turbocharging of SMD diesel engines. Trakt. i sel'khozmash. 30 no.7: 1-4 Jl'60. (MIRA 13:10)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po dvigatelyam, Khar'kov.

(Diesel engines)

GRODZIYEVSKIY, Veniamin Isaakovich; BARABASH, M.L., kand. tekhn. nauk, retsenzent; PELEVIN, N.N., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Reaction centrifuges for cleaning oil in internal combustion engines; design and calculations] Reaktivnye tsentrifugi dlia ochistki masla v dvigateliakh vnutrennego sgoraniia; konst uktsii i raschet. Moskva, Mashgiz, 1963. 86 p. (MIRA 16:8)

(Internal combustion engines—Lubrication)
(Centrifuges)

KOVAL', I.A., inzh.; GRODZIYEVSKIY, V.I., inzh.; DIDENKO, A.M., inzh.; SIMSON, A.E., kand. tekhn. nauk; KHARCHENKO, A.I., inzh.

Studying the working process of the SMD-18 diesel engine with turbocharger. Trakt. i sel'khozmash. no.8:4-8 Ag '64. (MIRA 17:11)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po dvigatelyam (for Didenko). 2. Khar'kovskiy institut inzhenerov zheleznodorozhnogo transporta imeni S.M. Kirova (for Kharchenko).

GRODZIYEVSKIY, V.I., inzh.; KHARCHENKO, A.I., inzh.

Improving characteristics of a tractor diesel engine by cooling supercharging air. Mashinostroenie no.6:91-93 N-D '65. (MIRA 18:12)

L 24003-66 EWP(f)/T-2/ETC(m)-6 WW

ACC NR: AP6009925 (N) SOURCE CODE: UR/0413/66/000/004/0119/0119

AUTHOR: Grodziyevskiy, V. I.; Kel'shteyn, D. M.; Puchkov, A. I.

ORG: none

TITLE: A guide vane assembly for a radial centripetal turbine. Class 46, No. 179128

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 119

TOPIC TAGS: centripetal flow turbine, guide vane, gas turbine

ABSTRACT: This Author's Certificate introduces a guide vane assembly for a radial centripetal turbine with guide vanes which vary in profile. The stream of gases at the outlet is equalized by mounting the vanes with variable spacing which gradually increases along the path of the gas stream.

UDC: 621.438—155—226.31

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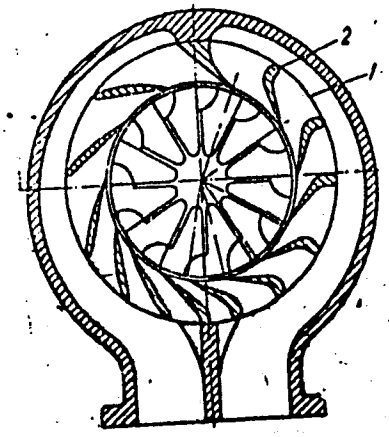
L 24003-66

ACC NR: AP6009925



1--guide vane assembly; 2--guide vanes

SUB CODE: 21/ SUBM DATE: 09Feb65/ ORIG REF: 000/ OTH REF: 000

Card 2/2

KOZLOWSKA, Irena, Brwinow, Jagiellonska 8; GRODZKA, Katarzyna

Treatment of accidentally denuded pulp with sulfonamides. Czas. stomat. 7 no.12:445-455 Dec 54.

1. Z Kliniki stomatol. zachowawczej A.M. w Warszawie - kierownik prof. dr. J.Krzywicki.

(DENTAL PULP, wounds and injuries
surg. injuries, ther. with sulfonamides)
(SULFONAMIDES, ther. use
dental pulp inj.)
(WOUNDS AND INJURIES
dental pulp surg. inj. ther. with sulfonamides)

GRODZKA, Katarzyna

Effect of fluoride salts on experimental caries in rats produced by cariogenic diets. Polski tygod.lek. 15 no.17:622-626 25 Ap.'60.

1. Z Kliniki Stomatologii Zachowawczej A.M. w Warszawie; kierownik: prof. dr. J.Krzywicki i z Zakladu Patologii Ogolnej i Doswiadczalnej A.M. w Warszawie; kierownik: prof. dr. J.Walawski.
(DENTAL CARIES exper)
(FLUORIDES pharmacol)

GRODZKA, Katarzyna

Acidogenic bacteria and caries in children's teeth. Czas. stomat. 18 no.3:231-235 Mr '65

1. Z Kliniki Stomatologii Zachowawczej Akademii Medycznej w Warszawie (Kierownik: prof. dr. J. Krzywicki).

HANC, I.; WITKOWSKA, S.; PRZEKAZINSKA, B.; GRODZKA, Z.

Effect of protein-rich and high-calory diets on the course of burn sickness in small children. Pediat. pol. 37 no.6:573-589 Je '62.

1. Z Kliniki Chirurgii Dzieciecej Kierownik: prof. dr. med. W.Poradowska z Pracowni Zywienia Kierownik: inz. S. Witkowska z Zakladu Biochemii Kierownik: prof. dr. med. G. Bagdasarian i z Pracowni Analitycznej Kierownik: dr med. A. Wolanska Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr. med. B.Gorniki.

(BURNS in inf & child) (PROTEINS nutrition & diets)
(INFANT NUTRITION)

BIER[illegible], Anna; GRELKA-GOLIN, Krystyna; M[illegible]ER, Jern

[illegible]tion in primiparae during first 6 days of puerperium after the administration of posterior pituitary extracts. Pol. tyg. lek. 20 no.28:1027-1029 12 Jl '65.

1. Z II Kliniki i Katedry Poloznictwa i Chorob Kobiecych AM i Miejskiego Szpitala Ginekologiczno-Poloznicznego w Poznaniu (kierownik: prof. dr. med. Edward Noworka).

KROTKIEWSKI, Andrzej; JUSKOWA, Joanna; GRODZKI, Miroslaw

Effect of single injections and intravenous infusions of norepinephrine and angiotensin on electrocardiographic patterns in dogs. Pol. arch. med. wewnet. 35 no.5:639-646 '65.

1. Z I Kliniki Chorob Wewnetrznych AM w Warszawie (Kierownik: prof. dr. med. T. Orlowski).

[redacted], O.

Problem of Continuity and Engineer-"[redacted]" Bri[redacted] in [redacted]." p. [redacted]
(Przegląd Geodezyjny. Vol. 10, no. 2, Feb. 19[redacted], [redacted].)

Vol. [redacted], No. [redacted]

SO: Monthly List of East European Accessions, Library [redacted], Jun. 1954, Uncl.

GRODZKI, O.

Rationalization of technical leveling by reduction of the number of observation towers per km. p. 428.

PRZEGLAD GEODEZYJNY, Vol. 11, no. 12, Dec. 1955.

POLAND

SOURCE: EAST EUROPEAN ACCESSIONS LIST LC Vol. 5, no. 7, 1956, August.

GRODZKI, Olgierd, inz.

Problems of city maps. Przegl geod 34 no.6:254-260 Je '62.

GRODZKI, Olgierd

Poland

Inzynier

no affiliation given

Warsaw, Przeglad Geodezyjny, Vol 34, No 11, Nov 1962, pp 459-63.

"The Organization of Inventory and Planning of Underground Town Construction".

GRODZKI, Stanislaw; WOJDYLO, Julianna

A case of sensitization to streptomycin, hydrazide, PAS, cycloserine, viomycin and penicillin. Pol. tyg. lek. 17 no.18:724-726 30 Ap '62.

1. Z Kliniki Ftyzjatrycznej AM w Lublinie; kierownik: doc. dr Helena Mysakowska.

(STREPTOMYCIN toxicol) (ISONIAZID toxicol)
(PARAAMINOSALICYLIC ACID toxicol) (CYCLOSERINE toxicol)
(VIOMYCIN toxicol) (PENICILLIN toxicol)

MYSAKOWSKA, Helena: ZALUSKA, Stanislawa; GRODZKI, Stanislaw; KUCHARSKI, Ryszard, PIETRON, Eugeniusz

Clinical forms of pulmonary tuberculosis in women and men from rural and urban environments. Gruzlica 27 no.11:1153-1163 N '59.

1. Z Kliniki Gruzlicy Pluc A.M. w Lublinie. Kierownik: doc.dr. H. Mysakowska.
(TUBERCULOSIS PULMONARY epidemiol.)

MYSAKOWSKA, Helena; SIKORA-ROZYNSKA, Maria; GRODZKI, Stanislaw

Results of early cycloserine therapy of 50 patients with pulmonary tuberculosis. Polski tygod. lek. 17 no.24:948-951 11 Je '62.

1. Z Katedry i Kliniki Ftyzjatrycznej Wydzialu Lekarskiego AM w Lublinie; kierownik: doc. dr H. Mysakowska.
(CYCLOSERINE ther) (TUBERCULOSIS PULMONARY ther)

MYSAKOWSKA, Helena; GRODZKI, Stanislaw; PRZ[illegible]KA, Barbara;
SZAREWICZ, Wieslawa; SREDNICKA, Danuta

Comparison of efficiency of large and small doses of isoniazid in combined treatment in pulmonary tuberculosis. Pol. tyg. lek. 20 no.16:562-564 19 Ap '65.

1. Z Katedry Ftyzjatrii AM w Lublinie (Kierownik: doc. dr. med. Helena Mysakowska).

MYSAKOWSKA, Helena; KIEPACKI, Miroslaw; GRODZKI, Stanislaw; KRYSTOSIK, Wanda

Comparison of 2 groups of patients with pulmonary tuberculosis in the Lublin rural area with delayed and neglected treatment. (Based on the material of the tuberculosis Clinic of Academy of Medicine in Lublin in 1959-1961 and 1962-1963). Gruzlica 33 no.7:593-595 Jl '65.

1. Z Katedry Ftizjatrii AM w Lublinie (Kierownik doc. dr. H. Mysakowska).

MYSAKOWSKA, Helena; PIETRON, Eugeniusz; SREDNICKA, Danuta; GRODZKI, Stanislaw; CYGAN, Edward; ROZYNSKA, Maria; SMAJKIEWICZ, Ludwik

Results of examinations of students 18 months after the conclusion of chemoprophylaxis. Gruzlica 33 no.7:601-604 Jl '65.

1. Z Katedry Ftizjatrii AM w Lublinie (Kierownik: doc. dr. H. Mysakowska) i z Akademickiej Poradni Przeciwgruzliczej w Lublinie (Kierownik: lek. E. Pietron).

SHEVLYAKOV, V.A.; GROIZOVSKAYA, R.I.; YAKIMENKO, Ye.V.; UL'YANOVA, L.F.

Density of methanol aqueous solutions at various temperatures. Neftepor. i neftekhim. no.2:30-32 '63. (MIRA 17:1)

1. Omskiy neftepererabatyvayushchiy zavod.

S/081/63/000/004/033/051
B194/B180

AUTHORS: Grodzovskaya, R. I., Gorbacheva, N. V.

TITLE: Sulfonation of extracts from the selective refinement of lubricating oils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 519, abstract 4P134 (Novosti neft. i gaz. tekhn. Neftepererabotka i nefte.. khimiya", no. 8, 1962, 8-10)

TEXT: To obtain the de-emulsifier НЧК (NChK), solutions of diesel fuel fractions containing 10 and 30% of extracts from the purification of distillate and residual oils were sulfonated (direct sulfonation of extracts is not possible because of the high density of the resulting tar, while higher concentrations of extract in the solution cause the formation of acid sludges the consistency of which makes transportation impossible). Sulfonation was carried out with 45 and 50% H_2SO_4 at 70 - 75° in two stages, two hours in each. It was shown that the yield of NChK obtained by sulfonating a starting material containing dissolved extracts rises with the concentration of the extract. The H_2SO_4 consumption per ton NChK falls

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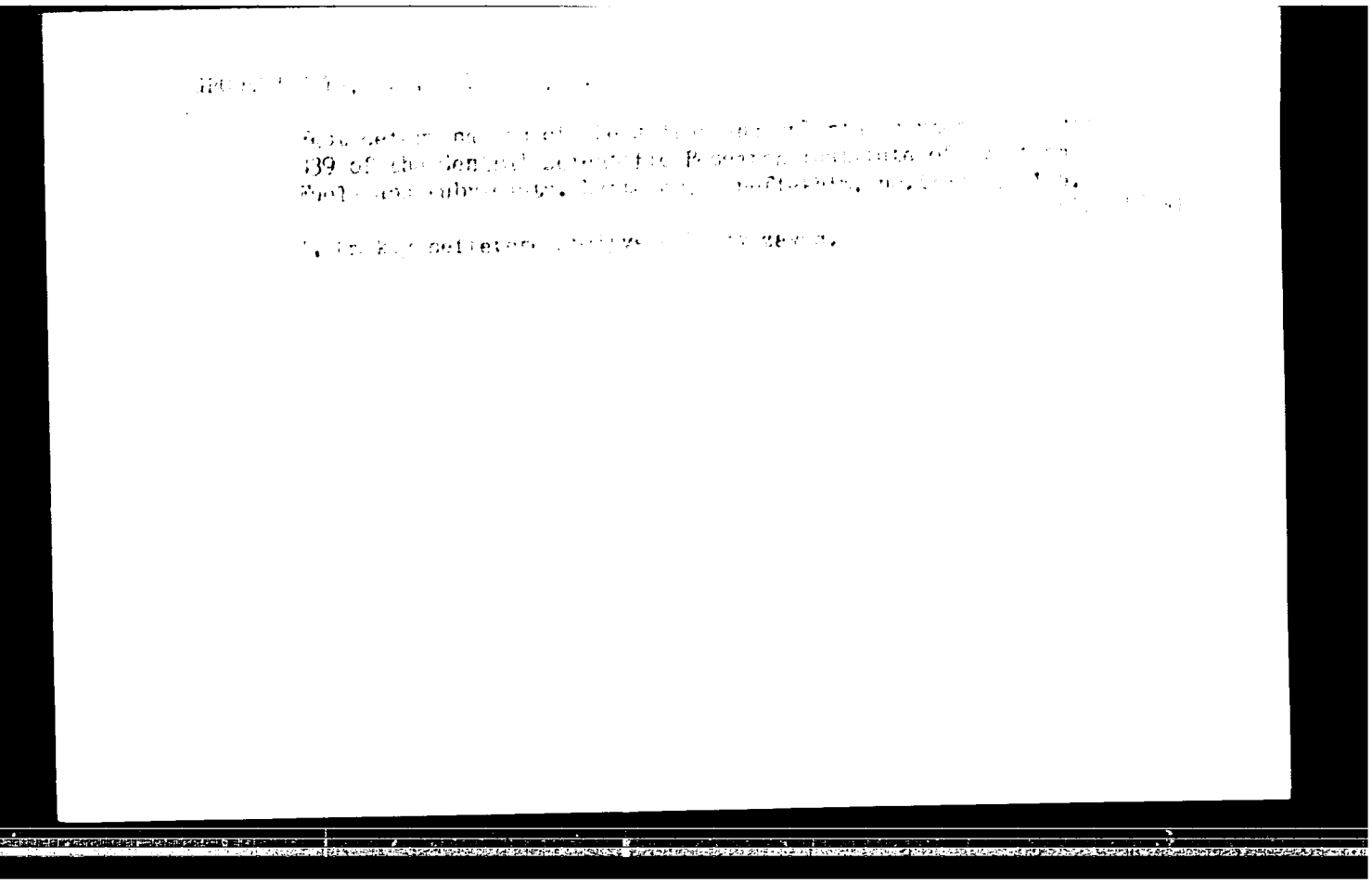
Sulfonation of extracts from...

correspondingly. An increase of up to 50% in the quantity of H_2SO_4 used for the starting material does not increase its specific consumption on NChK because the sulfonation is deeper. A check on laboratory results under commercial conditions has shown the NChK yield to be 50% higher and the H_2SO_4 consumption per ton of de-emulsifier more than 30% less, than when produced from dieselfuel. The salting-out in NChK obtained by sulfonating diesel fuel containing 30% extracts from distillate oil refinement (эпоу (ELOU)) was no worse than in NChK obtained from the conventional starting material. [Abstracter's note: Complete translation.]

Card 2/2



GRODZOVSKAYA, Z.I.

Methodology for the detection of tuberculosis in children and adolescents. Probl. tub. no.7:7-10 '64. (MIRA 18:10)

1. Protivotuberkuleznyy dispanser Zhovtnevogo rayona (glavnyy vrach G.I. Safronova), Odessa.

GRCKHOVSKAYA I. M.

USSR/ Medicine - Mosquitoes Bird Nests May/Jun 49

"Bird Nests as Breeding Grounds for Mosquitoes (Phlebotomus)," I. A. Petrishcheva, V. V. Gubar', A. T. Voyloshnikov, I. M. Grokhovskaya, K. M. Kokolova, E. Ye Khodova, A. B. Gasparova, Div of Parasitol and Med Zool, Inst of Epidemiol and Microbiol, Acad Med Sci USSR, 2½ pp

"Zool Zhur" No 3 Vol 28, 1949

Investigated 113 nests of nine species of birds and found only eight contained evidence of mosquitoes. In these eight nests found eight larvae, 25 pupae, and 136 cases, indicating that nests are not one of more frequently used breeding places.

(Dir) Div of Parasitol and Med Zools (Acad Ye. N. Pavlovskiy) (Dir) Inst of Epidemiol and Microbiol (Prof V. D. Tikalov).

PA 151T55

PIONTKOVSKAYA, S.P.; KORSHUNOVA, O.S.; GROKHOVSKAYA, I.M.

Three natural nidi. Zool.zhur. 33 no.2:323-330 Mr-Ap '54. (MLRA 7:5)

1. Otdel parazitologii i meditsinskoy zoologii (zaveduyushchiy - akademik Ye.N.Pavlovskiy) IEM Akademii meditsinskikh nauk SSSR im. N.F.Gamaleya.
(Insects as carriers of disease) (Rodents as carriers of disease)

PETRISHCHEVA, P.A.; SAF'YANOVA, V.M.; BIBIKOVA, V.A.; GROKHOVSKAYA, I.M.

Protection of humans from bloodsucking insects in reclamation of new areas. Zool.zhur. 33 no.2:361-372 Mr-Ap '54. (MLRA 7:5)

1. Otdel parazitologii i meditsinskoy zoologii (zaveduyushchiy - akademik Ye.N.Pavlovskiy) IEM Akademii meditsinskikh nauk SSSR im. N.F.Gamaleya.
(Insecticides)

GROKHOVSKAYA, I.M.

Studying mites of the family Gamasidae in a natural focus of rickettsiosis. Vop.kraev.,ob. i eksp.paraz. i med.zool. 9:70-77 '55. (MLRA 10:1)

1. Iz otdela parazitologii i meditsinskoy zoologii (zav. - akad. Ye.N.Pavlovskiy) Instituta epidemiologii i mikrobiologii imeni N.F.Gamaleya (dir. - deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR prof. G.V.Vygodchikov) Akademii meditsinskikh nauk SSSR.
(MITES AS CARRIERS OF DISEASE)
(PARASITES--RODENTIA) (RICKETTSIA)

USSR/Zooparasitology. Ticks and Insects--Vectors of G
Causative Agents of Diseases

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57945

Author : Saf'yanova V. M., Grokhovskaya I. ".., Budaka A. P., Gayko B. A., Vinogradova I. D., Pototskaya V. A.

Inst : Not given

Title : Experiment of Treating Plants with Insecticides for the Control of Insects under Natural Conditions

Orig Pub : Zool. zh., 1956, No 9, 1335-1341

Abstract : Thiophos (30%), chloroten (50%)+DDT(15%), and chloroten (65%) were experimentally tested(in gauze plantings with sprayed cane leaves) against Aedes vexans (quantitatively predominating species of the sanguivorous insects). The minimal effective doses of the active substances

Card 1/2

USSR/Zooparasitology. Ticks and Insects--Vectors of Causative Agents of Diseases G

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57945

Abstract : respectively were 0.13, 1.0, and 1.5 g/m^2. The gnats were completely exterminated 2 hours after the beginning of the laboratory experiment; anopheles maculipennis--within 3 to 4 hours; Culex modestus--within 3 to 5 hours; Aedes vexans--5 to 10 hours; Chrysops gadflies--within 20 and more hours. In field experiments a 53% of DDT paste remained active for 18 days in the Volga delta, and for 37 days in the Klyazma river basin; a 40% DDT paste in the OP-23 vehicle and chloroten+ DDT and chloroten for 10 to 14 days. It is recomended that a DDT paste (at an expenditure of 1 g/m^2 of DDT, at chloroten+DDT and chloroten at an expenditure of 1.5g/m^2) spread in the areas of the greatest accumulation of the sanguivorous diptera be used for the control of the insects.

Card 2/2

[illegible], [illegible]., [illegible], [illegible].

"A zoologicoparasitological characterization of the foci of infectious nephroso-nephritis in Southern Primorye." p. 11[illegible]

Desyatoye soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Science USSR and Academy of Science USSR, No. 1 254pp.