MILYANOVSKIY, Ye.S.

Studying the lepidopterans of Abkhazia. Trudy Inst. zool. AN Gruz. SSR 18:195-200 '61. (MIRA 15:6)
(Abkhazia--Lepidoptera)

MILYANOVSKIY, Ye.S.

Distribution of some species of leipdopterans in flatland and mountainous regions. Vop. ekol. 7:117-118 '62. (MIRA 16:5)

1. Opytnaya stantsiya efiromaslichnykh kul'tur, Sukhumi.
(Abkhasia--Lepidoptera)

MILYANOVSKIY, Ye.S.

Results of the studies on Macrolepidoptera of Abkhazia. Zool. zhur. 41 no.12:1817-1830 D '62. (MIRA 16:3)

1. Experimental Station of Aromatic Plants of Sukhumi.
(Abkhazia--Lepidoptera)

MILYANTSEVICH, Yevgeniya Pavlovna

Changes of the (?intermural?) Nervous System of the Stomach After Partial Desemination of it

Dissertation for candidate of Medical Science degree, Chair of Operational Surgery (head, Prof. N.G. [redacted]ov) Saratov Medical Institute, 1950

GOLUBEV, N.I., prof.; MILYANTSEVICH, Ye.P., assistent

Transabdominal gastrectomy using the closed method. Sbor. nauch. rab. Sar. gos. med. inst. 44:11-17 '64. (MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'teta (zav. prof. N.I. Golubev) Saratovskogo meditsinskogo instituta (rektor - dotsent N.R. Ivanov) na baze khirurgicheskogo otdeleniya dorozhnoy klinicheskoy bol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik bol'nitsy F.R. Nazarenko).

GOLUBEV, N.I., prof.; MILYAYTSEVICH, Ye.P., assistant; KHLOPOV, V.G., ordinator

Fixation of the rectum following its prolapse using silk sutures-rings. Sbor. nauch. rab. Sar. gos. med. inst. 44: 74-79 '64. (MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. N.I. Golubev) pediatricheskogo fakul'teta Saratovskogo meditsinskogo instituta (rektor - dotsent N.R. Ivanov).

MILYANTSEVICH, Ye.P., assistent; LUGOVTSEVA, G.P., vrach

Acute appendicitis according to materials of the surgical ward of the Railroad Hospital. Sbor. nauch. rab. Sar. gos. med. inst. 44:155-157 '64. (MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'teta (zav. - prof. N.I. Golubev) Saratovskogo meditsinskogo instituta (rektor - dotsent N.R. Ivanov) na baze khirurgicheskogo otdeleniya dorozhnoy bol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik - F.R. Nazarenko).

MILYANTSEVICH, Ye.F., assistent; [illegible], V.A., vrach

Treatment of rectal fistulas. Sbor. nauch. rab. Sar. gos. med. inst. 44:215-219 '64. (MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki i pediatricheskogo fakul'teta (zav. - prof. N.I. Golubev) Saratovskogo meditsinskogo instituta (rektor - dotsent N.N. Ivanov) na baze khirurgicheskogo otdeleniya borozhnoy klinicheskoy bol nitsy Privolzhskoy zheleznoy dorogi (nachal'nik - N.F. Lazarenko).

MILYANTSEVICH, Ye.P., assistent

Closed resection of the stomach using Professor I.I. Golubev's method. Sbor. nauch. rab. Sar. gos. med. inst. 44:17-25 '64.

Analysis of peritonites following closed resections of the stomach. Ibid.:125-130

Early relaparatomias for obstruction following resection of the stomach. Ibid.:130-134

State of the nervous apparatus of the human stomach in cancer and peptic ulcer. Ibid.:171-175

(MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'teta (zav. - prof. N.I. Golubev) Saratovskogo meditsinskogo instituta (rektor-dotsent N.R. Ivanov) na baze khirurgicheskogo otdeleniya klinicheskoy bol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik R.F. Nazarenko).

MILYAROVSKIY, A.I.; PASHKOVA, V.S.

Neurilemmoma of the frontal region simulating Boeck's sarcoid. Vest. derm. i ven. 34 no.4:68-69 '60. (MIRA 13:12)
(GRANULOMA BENIGNUM) (NERVES--TUMORS)

9,4177 (1138)
26.2421

31517
S/058/61/000/010/087/100
A001/A101

AUTHORS: Borisov, M., Georgiyeva, I., Milyashev, M.

TITLE: On effect of infrared rays on photoconductivity of cadmium sulfide single crystals

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 269, abstract 10E341 ("Dokl. Bolg. AN", 1960, v. 13, no. 6, 661 - 664)

TEXT: The authors investigated the effect of preliminary infrared irradiation (0.7-3.0 μ) on photocurrent in single crystals of CdS, induced by exciting monochromatic light in the range 0.45-0.55 μ. In investigated specimens were observed both effect of intensifying the photocurrent and effect of its quenching by infrared light, depending on the following factors: tension on the specimen, wavelength of the excitation light, and ratio of intensities of the excitation light and preliminary irradiation. It is supposed that to explain these effects, an assumption should be made that infrared light produces free holes in the crystal in addition to production, by the excitation light, of free electrons.

V. Sidorov

[Abstracter's note: Complete translation]

Card 1/1

X

42751

B/503/62/010/001/001/001
B104/B186

9.4160
9.4170

AUTHORS: Borisov, M., Milyashev, M., and Minkova, V.

TITLE: Nature of electrically stimulated currents in CdS

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB. v. 10, no. 1, 1962. 5-45

TEXT: In this review paper the characteristic features of electrically stimulated currents excited by light of different wavelengths are discussed. The discussion is based on data published between 1920 and 1960 covering the following subjects: (1) experimental investigation of the stimulation process; (2) excitation of a current which is electrically stimulated by light of a wavelength to the impurity absorption range; (3) excitation of a current which is electrically stimulated by light of wavelength corresponding to the fundamental absorption range; (4) effect of infrared radiation and of high voltage applied to the crystal on the electrically stimulated current; (5) conduction mechanism in CdS due to excitation by light of the above mentioned wavelengths, and comparison

Card 1/2

between theoretical and experimental data. A theory is developed for explaining the electrically stimulated currents which are excited by light having the frequency of the impurity absorption range. In this theory, electrons are assumed to be raised from the traps to the conduction band by an electric field. The electrically stimulated currents excited by light having the frequency of the fundamental absorption range are explained by the formation of a positive space charge (holes) around the cathode if the anode is irradiated. The electrically stimulated currents excited by irradiation with IR light are explained by the release of electrons from traps and of holes from activator levels. It is assumed that even weak electric fields (~ 1000 v/cm) raise a considerable number of electrons from the traps to the conduction band. There are 24 figures and 1 table.

ASSOCIATION: Fiziko-matematicheski fakultet pri Sofiyskiya d"rzhaven universitet (Division of Physics and Mathematics at the Sofiya State University)

SUBMITTED: August 30, 1961

KOSYAK, Ye.L.; KRYZHANOVSKAYA, A.S.; MILYATITSKAYA, F.R.; SVESHNIKOV, O.A.

Standardization of the basic dimensions for furniture. Der. prom. 10 no.7:1-4 Jl '61. (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut arkhitektury sooruzheniy Akademii stroitel'stva i arkhitektury USSR.
(Furniture—Standards)

MILYAUSKAS, V.V., Cand Agr Sci -- (diss) "Effect of drainage upon the change of the physical and agrochemical properties of podzolic-marsh and turfy-gley soils of the Lithuanian SSR." Kaunas, 1958, 24 pp (Min of Agr USSR. Lithuanian Agr Acad) 130 copies (KL, 28-58, 108)

MILYAUSKAS, V.V.

Effect of drainage on the physical and agrochemical properties of excessively wet soils in the Lithuanian S.S.R. Pochvovedenie no.1:61-74 Ja '63. (MIRA 16:2)

1. Filial Litovskogo nauchno-issledovatel'skogo instituta zemledeliya, Vil'nyus.

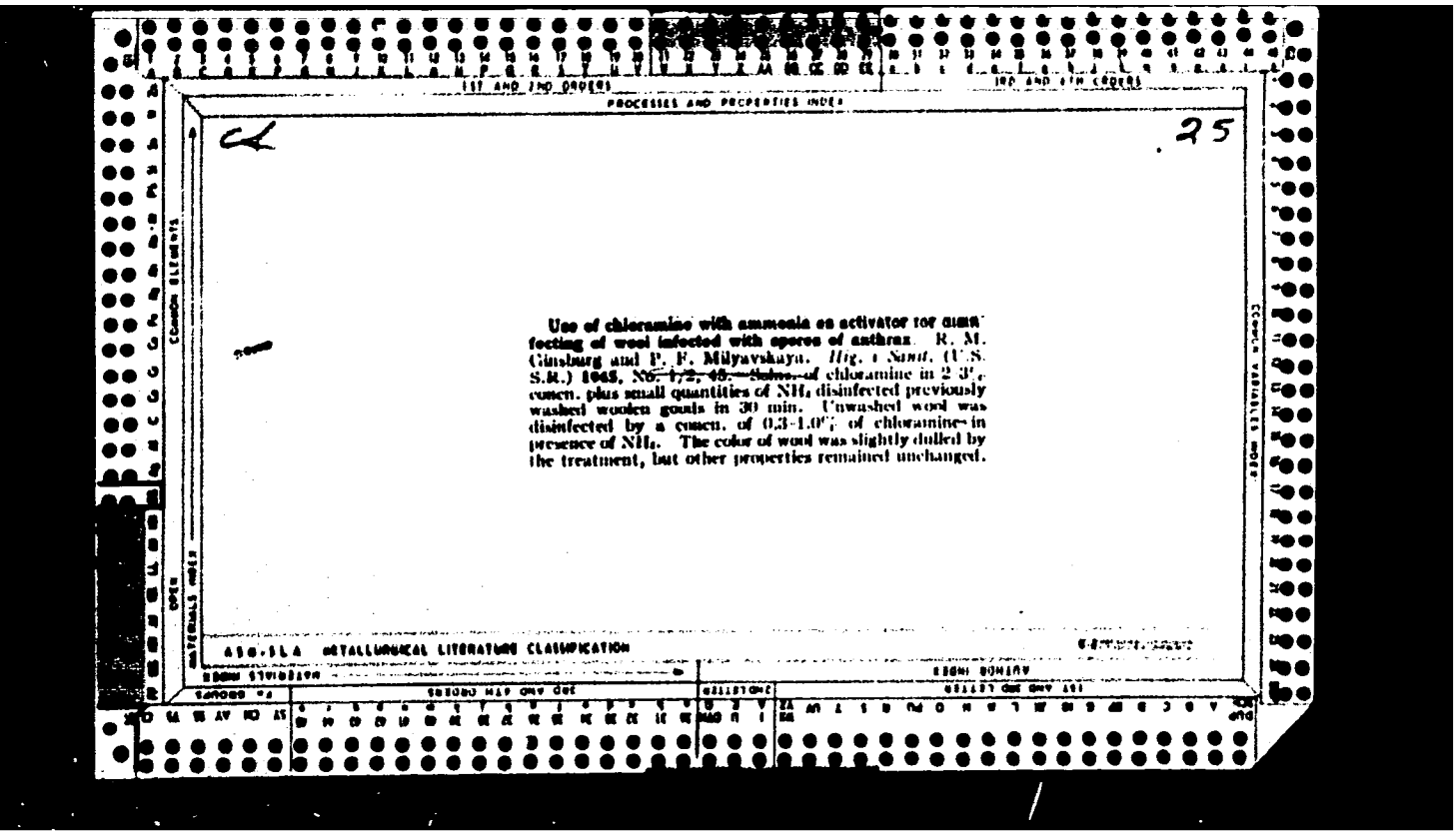
(Lithuania--Drainage)

MAL'TSEV, V., inzh.; MILYAVSKAYA, L., inzh.; ALABAYEVA, I., inzh.

Traveling detachments and brigades engaged in mechanized rural building. Ger.i sel'.stroi. no.5:15-17 My '57. (MIRA 10:10)
(Buildings, Prefabricated)

MILYAVSKAYA, I. F., V. L. TROITSKIY, AND A. S. REPIN

"Action of Ultraviolet Rays on Bacteria," Zhurnal mikrobiologii, 19, 6(12), 817-822, 1937



PROCESSES AND PROPERTIES INDEX

CL

25

Use of chloramine with ammonia as activator for disinfecting of wool infected with spores of anthrax. R. M. Ginsburg and P. F. Milyavskaya. *Hig. i Sanit.* (U.S.S.R.) 1943, No. 1/2, 45.—Solns. of chloramine in 2-3% concn. plus small quantities of NH_3 disinfected previously washed woolen goods in 30 min. Unwashed wool was disinfected by a concn. of 0.5–1.0% of chloramine in presence of NH_3. The color of wool was slightly dulled by the treatment, but other properties remained unchanged.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MILYAVSKAYA, P.F.

Investigations on Streptococcus hemolyticus in air of scarlet fever wards in hospitals. Gig.sanit., Moskva no.3:49-50 Mar 1951. (CIML 20:7)

MILYAVSKAYA, P.F.

Bactericidal properties of aqueous solutions of triethylene glycol; author's abstract. Zhur.mikrobiol.epid.i immun. no.3:52-53 Mr '54. (MLRA 7:4)

1. Is Tsentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta (nauchnyy rukovoditel' - professor V.I.Vashkov).
(Glycols) (Bactericides)

VASHKOV, V.I.; MEN'SHIKOVA, A.K.; MILYAVSKAYA, P.F.

Use of bactericidal aerosols obtained by the sublimation of thermal mixtures; preliminary report. Zhur. mikrobiol. epid. i immun. 31 no.7:5-9 Jl '60. (MIRA 13:9)

1. Iz TSentral'nogo dezinfektsionnogo instituta.
(FUMIGATION)

MILYAVSKAYA, S., B.,

Pa. 173T70

USSR/Medicine - Dysentery Nov 50
Sulfonamides

"Treatment of Bacterial Dysentery by 'Sul'tsimid'," S. B. Milyavskaya, Moscow

"Sov Med" No 11, p 30

Describes results of clinical testing of "sul'tsimid" (or sulfamide 100), sulfonamide prepn without secondary toxic effects, in treatment of 50 dysentery patients at Krasno-Sovetskiy Hosp in 1949. Majority of patients given 2 units, 5 times a day, for 5 days, total of 50 units.

173T70

USSR/Medicine - Dysentery (Contd) Nov 50

Supplementary nonspecific therapy applied in large number of cases. Control of 50 patients used for comparative test of therapeutic properties of the drug with sulfazole, sulfidine, sulgin, and disulfane. In some respects test group did not compare favorably with control group.

173T70

MILYAVSKAYA, S.B. (Moskva)

Using peat in compound therapy of dysentery. Terap.arkh. 27 no.2: 90-94 '55. (MLRA 8:7)

1. Iz infektsionnoy gorodskoy klinicheskoy bol'nitsy No.1.
(PEAT, therapeutic use,
dysentery)
(DYSENTERY, therapy,
peat)

Milyavskaya, Ts. M.

ZAK-LIPSKAYA, M. I.; KOVALEVA, V. M.; MILYAVSKAYA, Ts. M.

Measures taken for the control of helminthiasis in Kharkov. Med. paras. i paras. bol. 24 no.4:357-362 O-D '55. (MLRA 9:1)

1. Iz Khar'kovskoy gorodskoy protivomalyariynoy stantsii.
(HELMINTH INFECTIONS, prevention and control, in Russia)

S/032/60/026/008/041/046/XX
B020/B052

AUTHORS: Yeryukhin, A. V., Matveyev, V. P., and Milyavskaya, V. N.

TITLE: News in Brief

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 8, p. 1028

TEXT: The authors mention a method of producing and investigating wire samples by electron microscopy. The wire is wound up to a square frame which is put into polystyrene powder. The polystyrene powder is then melted by heating. The sample thus obtained is cooled down and cut into two pieces. The surface is etched in the usual way by an $FeCl_3$ solution diluted with ethyl alcohol. Titanium or coal replicas are used for the electron microscopic investigation.

ASSOCIATION: Leningradskiy politekhnicheskiy institut im. M.I. Kalinina (Leningrad Polytechnic Institute imeni M.I. Kalinin). Vsesoyuznyy nauchno-issledovatel'skiy institut elektro-izmeritel'nykh priborov (All-Union Scientific Research Institute of Electrical Measuring Instruments)

Card 1/1

SHTUTMAN, M.N.; SHUL'MAN, V.M.; MILYAVSKAYA, Ye.M.; FILIPPOVA, R.A.; YEREMEYEVA, T.A.; LUKINA, M.N.

Spectra analysis of iron ore, agglomerate, and blast-furnace slag in a "sounding" direct-current arc. Zav.lab. 28 no.11:1330-1332 '62. (MIRA 15:11)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Iron ores--Spectra) (Electric arc)

MILYAVSKAYA, Z., kand.tekhn.nauk; BEREZINA, L.; TANKUS, O.

Let's preserve patterned handweaving. Prom. koop. 14 no.5:24-25 My '60. (MIRA 13:12)

1. Starshiy khudozhnik tekstil'noy laboratorii Nauchno-issledovatel'skogo instituta khudozhestvennoy promyshlennosti (for Berezina).
2. Zaveduyushchaya laboratoriyey Nauchno-issledovatel'skogo instituta khudozhestvennoy promyshlennosti (for Tankus)
(Hand weaving)

MILYAVSKAYA, Z. V., Engr. Cand. Tech. Sci.

Dissertation: "Decorative Fabrics and Basic Problems of Their Design." Moscow Textile Inst, 29 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

MILYAVSKIY, A.

PA 28/49T52

USSR/Engineering
Barges
Welded Ships

Sep 48

"Construction of Barges With a Load Capacity of Forty Tons," A. Milyavskiy, Engr, 4 pp

"Morskoy Flot" No 9

Plans for subject barge were drawn up by the "Krasnaya Kuznitsa" Factory, based on plans for a 400-ton-capacity barge which they were building. The barge is built in five sections which are then welded together. Describes various measures taken to lower cost of producing these steel barges.

28/49T52

MILYAVSKIY, A.I., ordinator.

Paranephric novocaine block therapy in skin diseases. Vest.ven.i derm. no.2:55-56 Mr-Ap '53. (MLRA 6:5)

1. Klinika koshnykh i venericheskikh zabolevaniy Krymskogo meditsinskogo instituta. (Skin--Diseases) (Novocaine--Therapeutic use)

MILYAVSKIY, A.I.

Significance of the nervous system in the course of experimental staphylodermatitis. Vest. ven. i derm. no.5:7-11 S-O '54.
(MLRA 7:11)

1. Iz kliniki kozhnykh i venericheskikh bolezney (zav. prof. G.G. Kondrat'yev) Krymskogo meditsinskogo instituta imeni I.V.Stalina.

(NERVOUS SYSTEM, in various diseases,
exper. micrococcal infect. of skin)
(SKIN, diseases,
exper. micrococcal infect., role of nervous system)
(MICROCOCCAL INFECTIONS, experimental,
skin, role of nervous system)

MILYAVSKIY, A. I.

Milyavskiy, A. I.

"The Problem of the Role of the Nervous System in the Pathogenesis and Treatment of Staphylodermatitis." Crimean State Medical Inst imeni I. V. Stalin. Simferopol', 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

MILYAVSKIY, A.I.

Long incubation period in a case of primary syphilis. Vest.derm. i ven. 31 no.1:51 Ja-F '57. (MLRA 10:7)

1. Iz kliniki koshnykh i venericheskikh bolezney Krymskogo meditsinskogo instituta
(SYPHILIS)

MILYAVSKIY, A.I., assistent.

Universal erythroderma following quinacrine therapy. Vest.derm. i ven. 32 no.3:82 My-Je '58 (MIRA 11:7)

1. Is kliniki kozhnykh i venericheskikh bolezney Kryvskogo meditsinskogo instituta.
(SKIN--DISEASES)
(QUINACRINE)

MILYAVSKIY, A.I., kand.med.nauk; DIORDIYENKO, M.A., ordinator

Changes in the cardiovascular system and liver in syphilitic patients during specific therapy. Vest.derm.i ven. 33 no.5:74-79 S-O '59. (MIRA 13:2)

1. Iz kafedry koshno-venericheskikh bolezney (zaveduyushchiy - prof. V.N. Pirlik) i kafedry fakul'tetskoy terapii (zaveduyushchiy - dotsent M.V. Kokhanovich) Krymskogo meditsinskogo instituta imeni Stalina (direktor - dotsent S.I. Georgiyevskiy).

(SYPHILIS ther.)
(LIVER physiol.)
(CARDIOVASCULAR SYSTEM physiol.)

MALYGINA, T.A.; MILYAVSKIY, A.I.

Serum protein fractions and liver function in certain dermatoses. Vest.derm. i ven. 34 no.11:22-24 N '60. (MIRA 13:12)

1. Iz kafedry kozhno-venericheskikh bolezney (ispolnyayushchiy obyazannosti zaveduyushchego kafedroy T.A.Malygina) Krymskogo meditsinskogo instituta (direktor - dotsent S.I.Georgiyevskiy).
(SKIN diseases)
(BLOOD PROTEINS)
(LIVER FUNCTION TESTS)

MALYGINA, T. A.; DRUYAN, Kh. L.; MILYAVSKIY, A. I.

Treatment of lupus erythematosus with resochin. Vest. derm. i ven. 36 no.7:62-64 Jl '62. (MIRA 15:7)

1. Iz kafedry koshnykh i venericheskikh bolezney (zav. - dotsent N. I. Metlitskiy) Krymskogo meditsinskogo instituta (dir. - dotsent S. I. Georgiyevskiy)

(LUPUS ERYTHEMATOSUS) (QUINOLINE)

MILYAVSKIY, A.I., kand. med. nauk

Experience in the treatment of skin diseases at the health resort Yevpatoriya. Vest. derm. i ven. 37 no.8:25-28 Ag '63 (MIRA 17:4)

1. Kafedra kozhnykh bolezney (zav. - dotsent N.I. Metlitskiy) Krymskogo meditsinskogo instituta i Krymskiy oblastnoy kozhno-venerologicheskiy dispanser (glavnyy vrach M.G. Kochetov).

MILYAVSKIY, A.S.

Experience in pulmonary resection in tuberculosis. Probl. tub. 34 no.1:26-39 Ja-F '56 (MLRA 9:5)

1. Iz L'vovskoy gorodskoy tuberkuleznoy bol'nitsy (glavnyy vrach L.A. Naginskaya)
(TUBERCULOSIS, PULMONARY, surg.
resection of one lung)

BOGUSHEVICH, Yu. (g.Borisov, BSSR); MILYAVSKIY, D. (g.Borisov, BSSR).

The physical education group of an enterprise. Sov.profsoiuzy 4 no.3:65-66 Mr '56. (MLRA 9:7)
(Borisov--Physical education and training)

NIKOL'SKIY, Boris Vasil'yevich; MILYAVSKIY, David Borisovich; FIBIKH, V.V., red.; SHLEPOV, V.K., red.izd-va; GINZBURG, R.Ya., tekhn. red.

[Operation and repair of electric motors in metallurgical plants] Ekspluatatsiia i remont elektrodvigatelei na metallurgicheskikh zavodakh. Moskva, Metallurgizdat, 1964. 121 p. (MIRA 17:2)

SOV/94-58-9-25/30

AUTHORS: Milyavskiy, D.P. (Foreman) & Nuzhnyy, V.G. (Chargehand) (Electrical Shop of the Dneprospetsstal' Works)

TITLE: The correct connection of interpoles (O pravil'nosti vklyucheniya dopolnitel'nykh polyusov)

PERIODICAL: Promyshlennaya Energetika, 1958, No.9. (USSR) pp.37.

ABSTRACT: A brief note describes a method of discovering whether interpoles of a machine have been correctly connected after repair. When the machine cannot be tested under load, reduced voltage is applied with the brushes in the neutral position, then the brushgear is displaced some 20 or 30 degrees and the armature should rotate in the same direction.

Ivanov, A. (Assistant Chief Engineer of the Dinamo Works, imeni S.M. Kirov)

This note describes the use of a compass needle to determine the polarity of the main and interpoles. The limitations of the method proposed by Milyavskiy and Nuzhnyy are pointed out

1. Electrical equipment--Test methods

Card 1/1

2-58-3-9/17

AUTHOR: Milyavskiy, I.

TITLE: On the Question of Methods for the Statistical Study of Yields (K voprosu o priyemakh statisticheskogo izucheniya urozhaynosti)

PERIODICAL: Vestnik Statistiki, 1958, Nr 3, pp 56-65 (USSR)

ABSTRACT: The author criticizes a method proposed by N.S. Chetverikov for measuring harvest fluctuation, as mean-square deviations of particular yields from a level estimated by parabola. He asserts that in calculating an index of harvest stability, the absolute size of the harvest must be eliminated. The author proposes a method of calculating a reliable stability index (named by him "variational coefficient") by means of regression equations, eliminating the absolute harvest level by determining the magnitude of the mean-square deviation of the harvests from the gradually changing yield level expressed as a percentage of the average yield level. The author claims that it enables the statistician to compare harvest stability for different crops and different regions, which is of great importance in planning agricultural development and sepcialization. The author gives concrete examples of the use of his method, demonstrating the inaccuracy of a

Card 1/3

On the Question of Methods for the Statistical Study of Yields

method proposed by I. Paskhaver, whereby as a measure of fluctuation, an absolute magnitude is employed, which may have the same value with both high and low average-yield levels. Paskhaver is also criticized for presupposing (contrary to the teaching of T.S. Mal'tsev) that unfavorable weather conditions cannot be turned to agricultural advantage by advanced agrotechnical methods. Concrete instances are cited to refute Paskhaver's statement that there may be no increase in yield stability even with a steady increase in absolute yield and constant improvement in agricultural technology. Finally, the author seeks to show that increases in yield stability are clearly demonstrated by the proposed method, whereas other methods can result in a completely distorted picture. The new method should be employed for studying yields over fairly lengthy periods of time, when there are chance fluctuations in yield despite constant change in the average yield level as a result of variable weather conditions. When, however, there has been a drastic change in yield due to suddenly altered conditions, the period up to, and after the change, must be analyzed separately.

2-58-3-9/17

On the Question of Methods for the Statistical Study of Yields

There are three tables and four Soviet references.

Card 3/3

AUTHOR: Milyavskiy, I. SOV/25-58-11-26/44

TITLE: A House in 8 Days (Dom za 8 dney)

PERIODICAL: Nauka i zhizn', 1958, Nr 11, pp 62-64 and p 7 of centerfolds (USSR)

ABSTRACT: The Tsentral'naya nauchno-issledovatel'skaya laboratoriya Nr 3 (Central Research Laboratory Nr 3) of Glavstroy has developed a housing-block for a large-panelled house of new design, displayed recently at the permanent All-Union Building Exhibition. The designers are the scientific workers L.P. Andrianov, G.K. Khabakhpashev, G.V. Demin, N.P. Petrov, A.S. Pomelov and K.M. Mikhaylov. Using new light cement fillers (porous clay), the weight of a completed room was reduced from 10-12 tons to 4-5 tons. Brand "150" porous clay cement with a volumetric weight of 1,500 kg/cu m was used for the panels, which are 22 cm thick, of cement, with a pre-stressed frame. The weight of the panels could be further reduced by preparing them in a rolling frame built by the method proposed by N.Ya. Kozlov, engineer at Glavmostroy. The panels from the factory are assembled at the building site by welding the metal parts of the components. The completed housing-block, after interior finishing and fitting, can then be moved into

Card 1/2

position by crane. The assembly time for a unit with 13.1 sq m floor space is only 3 hours. Thus a 48-apartment 4-story house could be assembled in only 8 days at a cost of 700 rubles/sq m, i.e. twice as cheap as a normal 4-story brick house. Houses of this type will be constructed in Lyublino near Moscow and in Kiyev.
There are 3 photos and 1 drawing.

MILYAVSKIY, I. I.

Milyavskiy, I. I. "Experiment in treating gonorrhea with penicillin," Trudy Krymsk. med. in-ta im. Stalina, Vol. XII, 1948, p. 347-51

SO: U-3850, 16 June 53, (Letopsis 'Zhurnal 'nykh Statey, No. 5, 1949)

MILYAVSKIY, Il'ya Osipovich, kandidat sel'skokhozyaystvennykh nauk; MIKHAYLOV, T., redaktor; TULIN, N., redaktor; ZUBRILINA, Z.P., tekhnicheskiy redaktor

[T.S.Mal'tsev, collective farmer and scientist] Kolkhoznik-uchenyi T.S.Mal'tsev. Izd. 4-oe, dop. Moskva, Gos. izd-vo selkhoz.lit-ry, 1956. 143 p. (MLRA 10:1)
(Mal'tsev, Terentii Semenovich, 1895-)

KUSAKOV, Georgiy Kuz'mich, kand. sel'skokhozyaystvennykh nauk; MILYAVSKIY, Iliya Osipovich, kand. sel'skokhozyaystvennykh nauk; KATSNEL'SON, S.M., red.; BERLOV, A.P., tekhn. red.

[Economic accountability system on collective farms] Khozialstvennyi raschet v kolkhozakh. Moskva, Izd-vo "Znanie," 1958. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, no.19). (MIRA 11:8)

(Collective farms--Accounting)

MILYAVSKIY, Il'ya Osipovich, kand.sel'skokhoz.nauk, starshiy nauchnyy sotrudnik; MIKHAYLOV, Mark Vladimirovich, kand.ekonom.nauk; KATSNEL'SON, S.M., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[Cash payment on collective farms; experience in guaranteed cash payment on collective farms of Stavropol Territory] Denezhnaia oplata truda v kolkhozakh; opyt primeneniia garantirovannoi denezhnoi oplaty truda v kolkhozakh Stavropol'skogo kraia. Moskva, Izd-vo "Znanie," 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.20). (MIRA 12:9)

1. Vsesoyuznyy institut ekonomiki sel'skogo khozyaystva (for Milyavskiy). 2. Zaveduyushchiy otdelom agitatsii i propagandy Stavropol'skogo kraykoma partii (for Mikhaylov).
(Stavropol Territory--Collective farms) (Wages)

RUSAKOV, G.K., nauchnyy sotrudnik; MILYAVSKIY, I.O., nauchnyy sotrudnik; ARINA, A.Ye., nauchnyy sotrudnik; PANKOVA, K.I., nauchnyy sotrudnik; KHABAROV, N.F., nauchnyy sotrudnik. Prinimali uchastiye: PAVLOVA, N.G.; VYATCHININA, V.G.; VARFOLOMEYEVA, M.M. TIKHONOVA, Ye.M., red.; GUREVICH, M.M., tekhn.red.; DEYEVA, V.M., tekhn.red.

[Economic accountability on collective farms; regulations and methods of introduction] Vnutrikhozialstvennyi raschet v kolkhozakh; primernoe polozhenie i metodika vnedreniia. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 71 p. (MIRA 14:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva (for Rusakov, Milyavskiy, Arina, Pankova, Khabarov).
(Collective farms--Accounting)

MILYAVSKIY, Il'ya Osipovich; KHABAROV, Nikolay Fedorovich; KVACHEV, Vladimir Mikhaylovich; GUSMAN, L., red.; SHLYK, M., tekhn.red.

[Economic accountability on collective farms; practices of collective farms near Moscow] Khozraschet v kolkhozakh; iz opyta kolkhozov Podmoskov'ia. Moskva, Mosk.rabochii, 1960. 151 p. (MIRA 14:2)

(Collective farms--Accounting)

HUSAKOV, Georgiy Kuz'mich, kand.sel'skokhoz.nauk; MILYAVSKIY, Il'ya Osipovich, kand.sel'skokhoz.nauk; KHABAROV, Nikolay Fedorovich, agronom-ekonomist; POTAPOV, Kh.Ye., red.; PONOMAREVA, A.A., tekhn.red.

[Planning and business accounting in brigades and sections of collective farms] Planirovanie i khozraistvennyi raschet v brigadakh i na fermakh kolkhoza. Moskva, Gosplanizdat, 1961. 190 p. (MIRA 14:2)

(Collective farms--Finance)

MILYAVSKIY, Il'ya Osipovich, kand. sel'khoz. nauk, starshiy nauchnyy sotr.; LEONOVA, T.S., red.; RAKITIN, I.T., tekhn. red.

[Business accounting in brigades and farms] Khozraschet v brigadakh i na fermakh. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.3) (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva (for Milyavskiy).
(Agriculture—Finance)

KILYAVSKIY, Il'ya Calpovich, kand. sel'khoz. nauk; KOSTIN, V.P., red.

[Technical information cards and planning on collective farms] Tekhnologicheskie karty i planirovanie v kolkhozakh. Moskva, Ekonomika, 1964. 310 p. (MIRA 17:11)

RUSAKOV, G.K., kand. sel'khoz. nauk; MILYAVSKIY, I.O., kand. sel'khoz. nauk; SHILKO, V.P., kand. sel'khoz. nauk; MARTINENAS, A.N.; BELINSKIY, A.I., agr.-ekonom.; KARPUSHENKO, A.I., agr.-ekon. [deceased]; POSMITNYY, V.M., ekonom.; PANCHENKO, Ya.I., agr.-ekonom.; KVACHEV, V.M., agr.-ekonom.; SOBOLENKO, V.S.; KRAVTSOV, D.S., agronom.; LYSOV, V.F., ekonom.; SHLYAKHTIN, V.I., kand. ekon. nauk; TSYBUL'KO, F.Ye.; ORIKHOVSKIY, I.G., agr.-ekonom.; TATUREVICH, N.M., agr.-ekonom.; GARMASH, I.I.; NOSACHENKO, V.F., inzh.-ekonom.; MUKHTASULLIN, Sh.M., agr.-ekonom.; ROZENTSVAYG, A.L., agr.-ekonom.; BERLIN, M.Z., dots.; IVANOV, K.I., agr.-ekonom.; SILIN, A.G., ekonom.; LIKHOT, I.K.; CHANOV, G.I., kand. ekon. nauk; MIKHAYLOV, M.V., kand. ekon. nauk; GORELIK, L.Ya., red.

[Planning and economical operation on collective farms] Planirovanie i rezhim ekonomii v kolkhozakh. Moskva, Ekonomika, 1965. 258 p. (MIRA 18:5)

1. Zaveduyushchiy otdelom ekonomiki i organizatsii kolkhoznogo proizvodstva Nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva Litovskoy SSR (for Martinenas). 2. Zaveduyushchiy otdelom Stavropol'skogo krayevogo komiteta KPSS (for Likhot).

MILYAVSKIY, M.L.; ZABORKO, Yu.M.

Laboratory press attachment used for testing materials of various strengths. Rats. i izobr. predl. v stroi. no.5:37-38 '58.
(MIRA 11:6)

1.Trest No.3 (for Milyavskiy)
(Testing machines) (Building materials--Testing)

MILYAVSKIY, M.L.; ZABORKO, Yu.M.

Device for testing the strength of concrete in construction elements. Suggested by M.L.Miliavskii, IU.M.Zaborko. Rats.i izobr.predl.v stroi. no.8:42-44 '58. (MIRA 13:3)

1. Nachal'nik laboratorii tresta No.3 (for Milyavskiy) 2. Glavnyy mekhanik tresta No.3 (for Zaborko). Po materialam Tekhnicheskogo upravleniya Ministerstva stroitel'stva BSSR.
(Concrete--Testing)

MILYAVSKIY, M.M., inzhener; VAYNTRUB, V.K., inzhener.

Belt conveyor system for the manufacture of men's model welt footwear. Leg. prom. 15 no.11:35-40 N '55. (MLRA 9:2)
(Shoe industry)

TUR'YAN, Ya.I.; MILYAVSKIY, Yu.S.

Polarographic study of iodide complexes of cadmium in aqueous, water - methanol, and water - ethanol solutions. Zhur. neorg. khim. 5 no.10: 2242-2250 O '60. (MIRA 13:10)

1. Kishinevskiy gosudarstvennyy universitet Lisichanskiy filial gosudarstvennogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.

(Cadmium compounds)

81569
S/076/60/034/06/12/040
B015/B061

5.5400
5.4600

AUTHORS: Tur'yan, Ya. I., Milyavskiy, Yu. S., Zhantalay, B. P.
(Severodonetsk)

TITLE: Polarographic Determination of the Activity Coefficients of the Cadmium Ion

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 6, pp. 1234-1237

TEXT: Polarographic determinations of the activity coefficient $f_{Cd^{2+}}$ of the cadmium ion, with the use of the following galvanic chains were carried out:

$$Hg|Hg_2Cl_2 \quad \begin{matrix} 0.1\ M\ NaCl \\ 1\ M\ NaClO_4 \end{matrix} \quad \Big| \quad \begin{matrix} c_x\ NaClO_4 \\ c_y\ Me^{n+} \\ c_x \gg c_y \end{matrix} \quad \Big| \quad \text{Indicator electrode (1)}$$

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Polarographic Determination of the Activity Coef- S/076/60/034/06/12/040
ficients of the Cadmium Ion 31569 B015/B061

and $Hg \mid Hg_2Cl_2$ 0.1 M LiCl | c_x $LiNO_3$, c_y Me^{n+}, $c_x \gg c_y$ | Indicator electrode (3).
1 M $LiNO_3$

Whilst only simple Cd^{2+} ions are present in the $NaClO_4$ solutions, a complex formation $[Cd(NO_3)]^+$ is possible in the $LiNO_3$ solution. The calculations of the value $f_{Cd^{2+}}$ at different ion strengths μ were carried out with the use of the Heyrovskiy-Ilkovič equation (for the $NaClO_4$ solutions), and the De Ford - Hume equation (Ref. 4) (for the $LiNO_3$ solutions) (Table). The potential of the cadmium half-stage (corrected with reference to the change in the diffusion current) changes linearly with $\sqrt{\mu}$ to $\mu = 0.05$-0.1, which is ascribed to the change of $f_{Cd^{2+}}$ according to the Debye law. The dependence curves of the value $f_{Cd^{2+}}$ on μ passes through a minimum at $\mu = 0.3$-0.6 to approach unity at $\mu \cong 3$, and with a greater rise of μ to reach a value well above 1.

Card 2/3

81569

Polarographic Determination of the Activity Coefficients of the Cadmium Ion

S/076/60/034/06/12/040
B015/B061

The values for $f_{Cd^{2+}}$ in $LiNO_3$, calculated without and with respect to the complex formation, practically agree at $C_{NO_3^-} \leq 0.1$ M, and with the value for $f_{Cd^{2+}}$ in $NaClO_4$ solutions. At values of $C_{NO_3^-} > 0.1$ M to 1 M a correction with respect to the complex formation leads to the same values for $f_{Cd^{2+}}$ as in $NaClO_4$ solutions. There are 2 figures, 1 table, and 10 references: 1 Soviet, 5 American, 1 Italian, 1 German, 1 French, and 1 British.

ASSOCIATION: Kishinevskiy gosudarstvennyy universitet (Kishinev State University)

SUBMITTED: July 21, 1958

Card 3/3

MILYAVSKIY, Yu.S.

Accelerated determination of the sulfate ion in the electrolyte of chrome plating. Zav. lab. 30 no.9:1074-1075 '64.
(MIRA 18:3)

MILYAYEV, A.

Biological science strengthens its contacts with practice. Prof.-tekh. obr. 20 no.5:19-21 My '63. (MIRA 16:7)

1. Dekan pedagogicheskogo fakul'teta Moskovskoy sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.
(Agriculture—Study and teaching)
(Agriculture—Experimentation)

VORONOV, F.D.; BIGEYEV, A.M.; SARYCHEV, V.F.; GONCHAREVSKIY, Ya.A.; MILYAYEV, A.F.; VORONOV, V.F.; KOROTKIKH, V.F.

Operation of large-capacity open-hearth furnaces with sinter in place of ore in the charge and with the use of oxygen in the flame. Stal' 25 no.7:603-605 Jl '65. (MIRA 18:7)

1. Magnitogorskiy metallurgicheskiy kombinat i Magnitogorskiy gornometallurgicheskiy institut.

BIGEYEV, A.M.; MILYAYEV, A.F.

Mathematical representation of the finishing period of the open-hearth process. Stal' 25 no.8:701-703 Ag '65.
(MIRA 18:8)

1. Magnitogorskiy gornometallurgicheskiy institut.

MILYAYEV, A.

20035 MILYAYEV, A. O sisteme planirovaniya i ucheta urozhaynosti kokonov. Sots. sel. khoz-vo, 1949, No. 6, s. 46-50.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

MILYAYEV, A. P.

Stock and Stockbreeding - Study & Teaching

Improve the quality of instruction in the three-year courses for mass training in agronomy and zoo-technology. Sov. agron. 10 no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

MILYAYEV, Arkadiy Pavlovich; LEVINA, I.M., red.; YUSFINA, N.L., tekhn.red.

[Principles of socialist agriculture; program of a course for adult study and library schools] Osnovy sotsialisticheskogo sel'skogo khoziaistva; programma kursa dlia kul'turno-prosvetitel'nykh shkol i bibliotechnykh tekhnikumov. Moskva, Izd-vo "Sovetskaia Rossiia," 1958. 34 p. (MIRA 12:2)

1. Russia (1917- R.S.F.S.R.) Upravleniye uchebnykh zavedeniy. (Agriculture)

MILYAYEV, Arkadiy Pavlovich; BARKINA, N.G., red.; ZUBRILINA, Z.P., tekhn.red.

[Manual on sericulture] Spravochnik po shelkovodstvu. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 345 p. (MIRA 14:3)

(Sericulture)

FOKIN, A.N.; SEMENOVA, G.A.; MILYAYEV, A.S.

Modern geological and geophysical methods of mapping weathering surfaces in prospecting for ore deposits as revealed by a study made in the arid-zone region. Kora vyvetr. no.6:272-282 '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya, Moskva.

44008

S/860/61/000/000/003/020
A006/A101

1 3000
1 2300

AUTHORS: Poplavko, M. V., Milyayev, B. F., Yelkin, I. S., Finkel', V. M.

TITLE: A device for manufacturing welded honeycomb panels

SOURCE: Sbornik izobreteniy; svarochnaya tekhnika. Kom. po delam izobr. i otkrytiy. Moscow, Tsentr. byuro tekhn. inform. 1961, 98 - 99. (Author's Certificate no. 113272, cl. 21h, 29_{12}; no. 583433 of September 20, 1957)

TEXT: Honeycomb panels are manufactured by shaping a corrugated strip and welding it onto a sheet facing. A device is proposed where the shaping and welding processes are combined by using a dented copper-alloy shaping drum as a fixed electrode during the resistance welding of the panels. The lower guide drum is made of steel. The facing strip is supplied under the welding roll moving reciprocatingly in the transverse direction. A second roll and a bar are used to weld the lower facing strip to the corrugated strip. The hollow spaces between the crimps are filled with copper split locks. The machine is highly efficient and can be used to manufacture two-and three-layer high-quality panels. There is 1 figure.

Card 1/1

44009
S/860/61/000/000/004/020
A006/A101

1 3000

AUTHORS: Poplavko, M. V., Milyayev, B. F., Yelkin, I. S., Finkel', V. M.

TITLE: A machine for manufacturing honeycomb assemblies

SOURCE: Sbornik izobreteniy; svarochnaya tekhnika. Kom. po delam izobr. i otkrytiy. Moscow, Tsentr. byuro tekhn. inform. 1961, 99 - 100 (Author's Certificate no. 114884, cl. 21h, 29_{12}; no. 585411 of October 29, 1957)

TEXT: The machine is intended for the production of honeycomb assemblies from metal strips which are shaped and welded by the resistance method. The shaping and welding unit is made of two pairs of geared dented rolls used for the grooving of two strip blanks. The copper alloy guided rolls are connected with the power source. The machine is equipped with shears and gauges to measure and cut the strips. The operation of the machine is described. It is highly efficient; the production process is fully mechanized and continuous. There is 1 figure.

Card 1/1

KRAVCHENKO, L.I.; AVRASIN, Ya.D.; MILYAYEV, B.F.

Fiberglass plastic based on a polyester acrylate binder obtained by vacuum forming. Plast.massy no.3:28-32 '62. (MIRA 15:4)
(Glass reinforced plastics)

L 19754-63 EWP(k)/EWT(l)/EWP(q)/EWT(m)/EWP(B)/BDS AFFTC/ASD/ESD-3/IJP(C)

ACCESSION NR: AT3001943 Pf-4 JD S/2912/62/000/000/0410/0419

AUTHORS: Chukhrov, M. V.; Sokolova, A. I.; Oreshnikov, Z. A.; Milyayev, B. F.; Gur'yev, I. I.; Bondarev, B. I.; Lukovnikov, Yu. D.

TITLE: Study of the effect of an electromagnetic field on the crystallization of light alloys

SOURCE: Kristallizatsiya i fazovyye perekhody. Minsk, Izd-vo AN BSSR, 1962, 410-419.

TOPIC TAGS: crystal, crystallization, crystallography, light, alloy, electromagnetic, field, magnetohydrodynamics, electromagnetohydrodynamics, electrodynamic, macrostructure, Al, Mg, A-00, MA-8, microstructure, strength characteristics, mechanical properties.

ABSTRACT: The paper describes an experimental investigation of a special effect of an electromagnetic field, namely, that of the electrodynamic forces created thereby, on the crystallization of metallic fusion. The effect comprises the e.m.f. and the electrical current that arise in a fusion bath above which a single-phase a.c. inductor is placed. The interaction of the electromagnetic fields of the inductor current and the current in the fusion produces electrodynamic forces which

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impel the fusion to move. Tests were performed with Al of A-00 grade. The fused Al was poured at 710°C into stationary 165x540 mm molds, 50, 100, 150, and 200 mm high. The a.c. inductor was placed 20, 40, 60, and 80 mm above the surface of the fusion in the mold. Macrostructure investigations showed the refinement of the grains of the ingots. An especially refined structure was found in ingots 50 mm high. A removal of the inductor from the surface of the fusion of 60 to 80 mm resulted in some reduction of the refining effect. Analogous results were also obtained in tests with the Mg alloy Mark MA-8 (2% Mn, 0.3% Ce). Additional tests were made with semicontinuous casting of planar ingots of the same cross section and of the same two light metals. The principal effects investigated were the effect of the power fed to the inductor, the T and rate of pouring, and the height of the crystallizer on the grain-refinement effect. Al casting was performed in a crystallizer 170 and 270 mm at 690 and 710° at a rate of 7.5 and 9 cm/min. Ma ingots were cast in the same crystallizers and one 200 mm high, at T of 730 and 740°C and a casting rate of 5 to 6 cm/min. The presence of the electromagnetic field resulted in a stirring effect, and appreciable improvement of the grain structure was obtained (macroscopic photographs in orig. art.). The most powerful grain-structure-refining effect is observed at low casting T's and in the least high crystallizers. A T analysis performed by means of submerged Chromel-Alumel thermocouples showed a more uniform T distribution and decreased T

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L 19754-63

ACCESSION NR: AT3001943

gradients upon the application of the electromagnetic field in the MA-8 alloy. Tabulated data on the mechanical properties of the MA-8 alloy cast under various conditions show a better uniformity of structure and more elevated values of the ultimate strength and elongation under the effect of the electromagnetic field. MA-8 ingots with the more uniform structure could be rolled without any risk of the formation of surficial microfissures. It is postulated that industrial equipments may have the inductors placed around the crystallizer to facilitate the work of the casting personnel. Orig. art. has 8 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 16Apr63 ENCL: 00

SUB CODE: CH, PH, MA, EL NO REF SOV: 000 OTHER: 000

Card 3/3

MILYAYEV, B.V., inzh.; CHULOSHNIKOVA, Ye.P., inzh., red.; FREGER, D.P., tekhn.red.

[Efficient methods of cold stamping of consumers' goods; practices of the "Krasnyi vyborshets" Plant] Ratsional'nye metody kholodnoi shtampovki pri izgotovlenii izdelii narodnogo potrebleniia; opyt zavoda "Krasnyi vyborshets." Leningrad, 1955. 26 p. (Leningradskiy dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.78(766)) (MIRA 11:1)
(Sheet-metal work) (Kitchen utensils)

(A) L 11646-66 EWT(d)/EWT(m)/EWP(f)/T/EWA(c) DJ

ACC NR: AP6002953 SOURCE CODE: UR/0286/65/000/024/0124/0125

INVENTOR: Dolganov, M. S.; Milyayev, G. G.; Kotov, A. G.; Filippov, V. V.; Gus'kov, N. G.; Koshman, E. I.

ORG: none

TITLE: Rotary fuel pump. Class 46, No. 177228 [announced by Noginsk Fuel Equipment Factory (Noginskiy zavod toplivnoy apparatury)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 124-125

TOPIC TAGS: fuel pump, internal combustion engine

ABSTRACT: The proposed pump for internal combustion engines contains a pressure valve, a measuring device, and a rotor-distributor with pressure pistons positioned opposite one another which are driven by a fixed cam plate (see figure). To improve the engine's operation by improving the cut-off at the end of the injection, the measuring device is made in the form of a sliding sleeve with an internal annular groove radially located in the rotor. The piston also has an annular groove whose position, relative to the sleeve groove, determines the piston's stroke.

Card 1/2 UDC: 621.43.031

L 11646-66

ACC NR: AP6002953

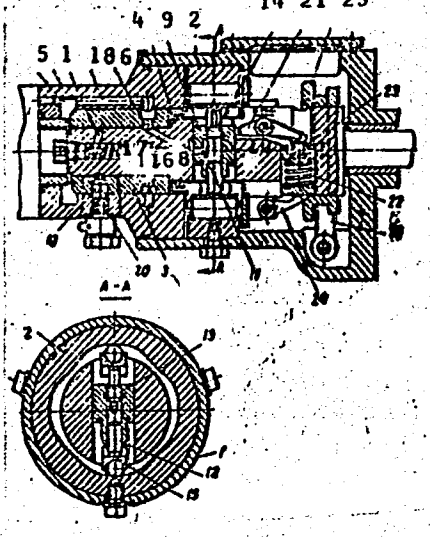

Fig. 1. Fuel pump

1 - Pump housing; 2 - cam plate; 3 - bearing sleeve; 4 - rotor; 5 - chamber; 6,7,8 - fuel feed channels; 9 - sliding sleeve; 10 - annular groove; 11 - openings; 12 - smooth piston; 13 - piston with annular groove; 14 - piston port; 15 - roller tappet; 16 - central rotor channel; 17 - pressure valve; 18 - distribution channel; 19 - fuel outlet channel; 20 - outlet to fuel injector; 21 - double-arm lever; 22 - spring; 23 - corrector; 24 - pressure arm; 25 - clutch; 26 - control lever.

In a variation of this pump, a double-arm lever is mounted in the rotor groove; one arm is connected to the sliding sleeve and the other, to the regulator spring. Orig. art. has: 1 figure. [TN]

SUB CODE: 21/ SUBM DATE: 03Jul64/ ATD PRESS: 4175

Card 2/2

ASHMARIN, G.M.; MILYAYEV, I.M.

Investigating high temperature internal friction of pure nickel. Izv. vys. ucheb. zav.; chern. met. 8 no.7:133-136 '65. (MIRA 18:7)

1. Moskovskiy institut stali i splavov.

L 07415-67 EWT(m)/EWP(t)/ETI IJP(c) JD.

ACC NR: AP6032852 (N) SOURCE CODE: UR/0020/66/170/003/0554/0556

AUTHOR: Livshits, B. G.; Linetskiy, Ya. L.; Milyayev, I. M.

ORG: Moscow Institute of Steel and Alloys (Moskovskiy institut stali i splavov)

TITLE: A study of the crystal structure of metastable phases in Ticonal alloy

SOURCE: AN SSSR. Doklady, v. 170, no. 3, 1966, 554-556

TOPIC TAGS: ticonal, crystal structure, crystal lattice parameter, phase transformation, tempering, thermomagnetic treatment, x ray diffraction, x ray study

ABSTRACT: An x-ray study was made on conjugate intermediate phases in single crystals of a Ticonal alloy having a standard composition (YuNDK35TS) after quenching and tempering, and after thermomagnetic treatment. The thermomagnetic treatment was as follows: samples were held 10-15 min at 1250°C, transferred to an 800°C lead bath where they were held in a magnetic field and air cooled. Solid solution decomposition occurred in the magnetic field at a stress vector of [001]. Rotating and oscillating x-ray patterns were obtained from single crystals 1 mm in diameter. After quenching and tempering for 1 min at 800°C, the rotating x-ray patterns exhibited sharp asymetrical halos around the principal and superstructural reflections, indicating simultaneous periodicities in the scattering factors and the interplanar spacings. The period of modulation L was 82 a_{av} after 1 min at 800°C (a_{av} = 2880 ± 0.001 Å), while after 4 min

Card 1/2 UDC: 536.425.

L 07415-67

ACC NR: AP6032852

L increased to 100 a_{av}. Tempering for 12 min resulted in x-ray reflections from β and β_2 tetragonal phases: the (200) reflection was composed of three maxima and the (220) had two maxima. These two phases were located along an axis that had the same interplanar spacing c for both phases, while along the other two axes each phase had its own interplanar spacing (a_1, a_2) with $a_1 > c > a_2$. Electron microscopy showed needle-like precipitates along the <100>. After tempering for 20 hrs at 800°C the presence of two bcc phases was indicated by x-rays. An oscillation x-ray pattern was shown of a Ticonal sample subjected to the thermomagnetic treatment for 12 min at 800°C. The (200) had two maxima of which the β phase reflection was more intense. The (220) and (202) reflections had two maxima each and the (310) had eight maxima, four of which corresponded to (13) reflection from β_2 and β-phases for CoK_{α_1,α_2} wavelengths. Lattice spacings (a_1, a_2, c) were given for all of the planes which were observed. The tetragonal phases were caused by the interaction of elastic stresses which occurred during the union of two isomorphic phases with different crystal lattice periods. Orig. art. has: 2 figures, 1 table.

SUB CODE: 11,20/ SUBM DATE: 03Mar66/ ORIG REF: 003/ OTH REF: 000

Card 2/2

NEBOGIN, I.Z.; monter; VELIKODNYY, V.P., elektromekhanik; MILYAYEV, I.N., starshiy elektromekhanik; LAZAREVICH, G.P., elektromekhanik; OSIPOV, P.P., elektromekhanik

Suggestions of efficiency experts. Avtom.telm.i sviaz' 4 no.8: 30-31 Ag '60. (MIRA 13:8)

1. Elektricheskaya tsentralizatsiya stantsii Bezymyanka Kuybyshevskoy dorogi (for Nebogin). 2. Voroshbyanskaya distantsiyasignalizatsii i svyazi Yugo-Zapadnoy dorogi (for Velikodnyy). 3. Dominskaya distantsiya signalizatsii i svyazi Kuybyshevskoy dorogi (for Milyayev) 4. Orskaya distantsiya signalizatsii i svyazi Kuybyshevskoy dorogi (for Lazarevich). 5. Vereshchaginskaya distantsiya signalizatsii i svyazi Sverdlovskoy dorogi (for Osipov).
(Railroads--Electric equipment)
(Railroads--Signaling)

MILYAYEV, I.S., nachal'nik tekhnicheskogo otdela tresta Novovolynskugol'

Technical progress in the mines of Novovolynskugol' trust. Ugol' Ukr. 4 no.7:12 Jl '60. (MIRA 13:8)
(Lvov-Volyn' Basin--Coal mines and mining)

MILYAYEV, I.S., gornyy inzh.

Lvov-Volyn' coal basin. Ugol' 35 no.8:8-10 Ag '60. (MIRA 13:9)

1. Trest Novovolynskugol'.
(Lvov-Volyn' Basin--Coal mines and mining)

MILYAYEV, I.S.; KRICHEVSKIY, M.Ye.; BEDA, V.S.

Use of wide-cut mining machinery units in the mines of Novovolynskugol' Trust. Ugol' 36 no.8:34-35 Ag '61. (MIRA 14:9)

1. Trest Novovolynskugol' (for Milyayev). 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Krichevskiy, Beda).
(Lvov-Volyn' Basin--Coal mining machinery)

MARTYNENKO, I.A., inzh.; MILYAYEV, I.S., inzh.; TUGAYEV, T.S., inzh.; KOTLYARSKIY, I.A., inzh.; MOREV, A.B., inzh.; MUDRYAK, V.A., inzh.; SUDOPLATOV, A.P., prof.; IVANOV, K.I., kand. tekhn. nauk; IGNAT'YEV, A.D., kand. tekhn. nauk; KOLYSHKIN, O.M., kand. tekhn. nauk; YEREMENKO, Ye.I., inzh.

Industrial testing of the auger drilling of coal with double spindle auger drilling machines. Ugol' 40 no.1:32-37 Ja '65. (MIRA 18:4)

1. Kombinat Ukrzapadugol' (for Martynenko, Milyayev, Tugayev). 2. Gorlovskiy mashinostroitel'nyy zavod im. S.M.Kirova (for Kotlyarskiy, Morev, Mudryak). 3. Institut gornogo dela im. A.A.Skochinskogo (for Sudoplatov, Ivanov, Ignat'yev, Kolyshkin, Mel'nikov, Yeremenko).

S/128/63/000/001/008/008
A004/A127

AUTHORS: Milyayev, M.M., Zhuchayev, Yu.A.

TITLE: Vertical pouring of castings of body-of-revolution type

PERIODICAL: Liteynoye proizvodstvo, no. 1, 1963, 37 - 38

TEXT: In contrast to the usual practice of pouring castings of the body--of-revolution type in the horizontal position, which resulted in an output of serviceable products not higher than 45 - 60%, the Kyshtymski mekhanicheskiy zavod (Kyshtymsk Mechanical Plant) successfully employed the vertical pouring of such steel castings. The riser size was calculated according to the formulae: $B = \pi D : 8$ (mm); $B = \pi D : 10$ (mm), where B - length of riser relative to the casting O.D., D - outer diameter. The first formula is suitable for castings 200 - 600 mm in diameter, the second for castings 600 - 1,200 mm in diameter. The riser width is calculated as follows: $T = l + g$, where l - rim thickness of casting, g - width of shoulder defining the line of intersection. Riser height H is determined depending on the casting outer diameter D and rim thickness. 1. The authors give a brief description of the pouring procedure and point out that

Vertical pouring of castihgs of ...

the output of serviceable products in vertical pouring increases to 75 - 85%.
There are 2 figures and 1 table.

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OSTROUKHOV, M.Ya.; PANCHENKO, S.I.; Prinimali uchastiye: FRISHBERG, V.D.; PETROV, V.K.; RESHETKO, A.; VYATKIN, G.P.; BRATCHENKO, V.P.; POPANOV, A.A.; MILYAYEV, M.N.; PRIVALOV, V.Ye.; MUSTAFIN, F.A.; PUSHKASH, I.I.; LAZAREV, B.L.

Experimental blast furnace smelting using coke from wet preparation coals. [Sbor. trud.] Nauch.-issl.inst.met. no.4:63-70 '61. (MIRA 15:11)

1. Vostochnyy uglekhimicheskiy institut (for Ostroukhov, Panchenko, Frishberg, Petrov, Reshetko). 2. Nauchno-issledovatel'skiy institut metallurgii (for Vyatkin, Bratchenko). 3. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Privalov, Mustafin, Pushkash, Lazarev).

(Blast furnaces—Testing)
(Coke—Testing)

YEL'KIN, S.A.; MILYAYEV, M.N.; PUSHKASH, I.I.; LAZAREV, B.L.

Acceleration of blast furnace smelting at the Nizhniy Tagil Metallurgical Combine. Stal' 22 no.1:980-982 N '62. (MIRA 15:11)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov i Nizhne-Tagil'skiy metallurgicheskiy kombinat.
(Nizhniy Tagil--Blast furnaces)

FOFANOV, A.A., kand.tekhn.nauk; LEYSOV, Ye.I., inzh.; YEL'KIN, S.A., inzh.; MILYAYEV, M.N., inzh.; PASTUKHOV, A.I., kand.tekhn.nauk; DZEMYAN, S.K., inzh.; KOSNAREV, A.S., inzh.; KLEYN, A.L., kand.tekhn.nauk; DANILOV, A.M., inzh.; FILIPPOV, A.S., kand.tekhn.nauk; SALTANOV, G.F., inzh.; VETROV, B.G., inzh.; PISARENKO, G.A., kand.tekhn.nauk; RADYA, V.S., inzh.; GEROTSKIY, V.A., inzh.

In the Ural Mountain Region Scientific Research Institute for Ferrous Metals. Stal' 22 no.10:892,916,938,953 0'62. (MIRA 15:10)
(Ural Mountain region—Metallurgical research)

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A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 7, p. 209, # 8496

AUTHOR: Milyayev, N.A.

TITLE: The Disturbance of the Magnetic Field in the Operation Regions of the Drifting Stations "North Pole-3" and "North Pole-4"

PERIODICAL: V. sb.: Probl. Arktiki. No. 5. Leningrad, "Morsk. Transport", 1958, pp. 73-80

TEXT: The magnetic disturbance is studied in the region of drift of the stations СП-3 (SP-3) (86°-89°n.lat., 184°-331°e.long.) and СП-4 (SP-4) (76°-80° n.lat., 173°-187°e.long.) in 1954-1955. Diurnal courses of the disturbance are given for each month. The maximum disturbance falling at the local midnight proved to be very weakly pronounced, and generally, the local time is, in the author's opinion, not significant in the circumpolar region with respect to the diurnal variations of the disturbance. In the drift region of the station SP-3, the diurnal course shows three maxima falling at 3-5, 13, and 17-20^h of universal time. The morning maximum attains its greatest value in the summer months, and the daily and evening maxima in the equinoctial months. The average level of

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the magnetic disturbance in the circumpolar region is determined in the main by the morning and daily disturbances, which are weakly pronounced in the winter months. Therefore, the magnetic activity in the winter months is 2-3 times weaker than the activity in the summer months. The author compares the diurnal and yearly courses of the disturbance at the drifting stations with the data from the polar observatories of the Tikhaya Bay, Chelyuskin Cape, Dikson Island, and Shmidt Cape and comes to the conclusion that a narrower zone of maximum activity shifts diurnally and seasonally along the latitude. In the morning hours, the zone shifts northwards. The middle of the zone is located at this time apparently between the Tikhaya Bay and Chelyuskin Cape. In the second half of the diurnal period, the zone shifts southwards. The analysis of the magnetic disturbance at the drifting stations SP-4 (1954-1955) and SP-2 (1950-1951) permitted the elucidation of the cyclic shift of the zone along the latitude. The zone shifts northwards in years with a minimum, and the average level of the magnetic activity in these years is 1.5 - 2 times higher than the magnetic disturbance in the circumpolar region. In the years with maximum magnetic disturbance, the zone shifts southwards. The comparative distance of

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The Disturbance of the Magnetic Field in the Operation Regions of the Drifting Stations "North Pole-3" and "North Pole-4"

two stations from the zone of maximum magnetic disturbance was estimated from the ratio of the average monthly amplitudes of the diurnal course r_H^I at these stations. From the data obtained follows that the western part of the circumpolar Arctic region lies apparently within the second zone with enhanced magnetic disturbance.

P. Maysuradze

Translator's note: This is the full translation of the original Russian abstract.

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DRIATSKIY, V.M.; MILYAYEV, N.A.; NIKOL'SKIY, A.P.; FEDCHENKO, K.K.

Development of geophysical research in the Arctic during the past 40 years. Probl. Arkt. i Antarkt. no. 4:97-110 '60.
(MIRA 13:12)

(Arctic regions--Geophysical research)