ACCESSION NR: AT4013977

ENCLOSURE: 03

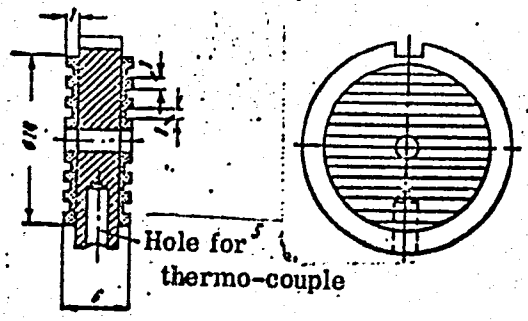

Fig. 3. Sketch of test specimen

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ACCESSION NR: AT4013977 ENCLOSURE: .04

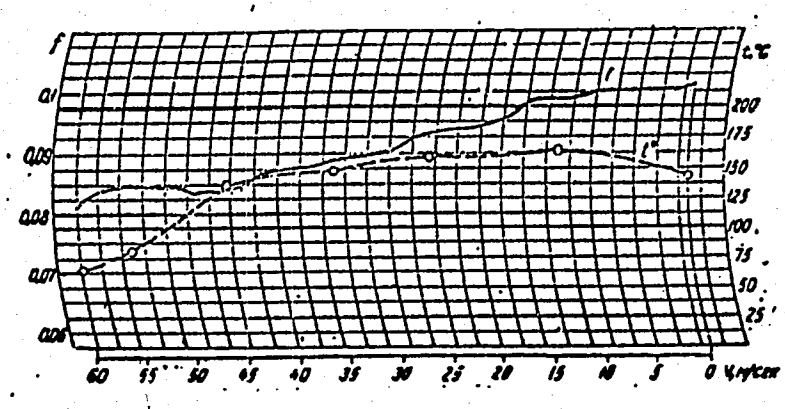

Fig. 4. Typical diagram showing coefficient of friction and temperature of specimens vs. sliding velocity; test specimens of copper-base ceramic metal

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L 23105-65 EPF(c)/EPF(n)-2/EPR/EWG(j)/EPA(s)-2/EPA(w)-2/EWT(l)/EWT(m)/
EPA(bb)-2/T-2/EWP(b)/EWP(e) Pr-4/Ps-4/Pt-10/Pu-4/Pab-10 WW/WW/DJ/JD/JG

ACCESSION NR: AR4040000 S/0277/64/000/004/0039/0039

SOURCE: Ref. zh. Mashinostr. mat. konstr. i raschet detal. mash. Otd. vyp., Abs. 4.48.307

AUTHOR: Yefoyan, A. S.

TITLE: Effects of some factors on the bearing capacity of cermet materials used in bearings

CITED SOURCE: Tr. Khar'kovsk. aviats. in-ta, vyp. 22, 1963, 105-112

TOPIC TAGS: cermet bearing insert, bushing load capacity, graphite, sulfidation, phosphating

TRANSLATION: The article describes the methodology and results of experiments concerning the effects of manufacturing technology, chemical composition, porosity, lubricant and a number of other factors on the load capacity of bearings with cermet inserts. A table lists the properties and chemical composition of experimental cermet bushings. The author considers the effects of various types of graphite, as well as of sulfidation and phosphating of the bushing stock, on the friction factor and specific pressure levels producing jamming.

Card 1/2

L 23105-65
ACCESSION NR: AR4040000

SUB CODE: MT, IE ENCL: 00

0

Card 2/2

YEFOYAN, A.S., inzh.

Testing unit for sliding bearings. Izv. vys. ucheb. zav.; mashinostr. no.3:88-90 '64. (MIRA 17:7)

1. Khar'kovskiy aviatsionnyy institut.

YEFOYAN, A.S., inzh.

Investigating the performance of iron-graphite bearings under unsteady conditions. Vest. mashinostr. 44 no.8:26-29 Ag '64. (MIRA 17:9)

ILIYESKU, K.K., prof. [Iliescu, K.K.]; KLEYNERMAN, L., doktor; SHTEFANESKU, T., doktor; GITSE, M., doktor; BANDU, I., doktor; YEFRAIM, M., doktor; ROSHETSYANU, Zhorzhetta, doktor

Catheterization of the left heart through the interauricular septum. Kardiologiia 2 no.1:9-13 Ja-F '62. (MIRA 15:5)

1. Iz kardiologicheskoy kliniki (dir. - prof. K.K.Iliyesku) Bukharestskogo mediko-farmatsevticheskogo instituta.
(HEART--EXAMINATION) (CATHETERS)

OPARIN, A.I., akademik; YEFREINOVA, T.N.; LARIONOVA, T.I.; DAVYDOVA, I.M.

Synthesis and decomposition of starch in coacervate drops.
Dokl. AN SSSR 143 no.4:980-983 Ap '62. (MIRA 15:3)
(Starch) (Coacervates)

YEFREMCHENKO, V.F., inzh.; FAYNGOL'D, B.S., inzh.

Attachment used for grinding hyperboloidal surfaces. Mash.Bel. no.4:175-177 '57. (MIRA 11:9)
(Grinding machines--Attachments)

YEFREMENKO, A. (Moskva)

Housewives are studying the standards of "Ready for Antiaircraft and Chemical Warfare Defense." Voen.znan. 31 no.10:8 O '55. (MLRA 9:3)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Military education)

YEFREM'ENKO, A. A.

"Historical Data on Immunology in the USSR." Cand Med Sci, Inst of Epidemiology and Microbiology, Acad Med Sci USSR, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

YEFREMENKO, A. A.

"USSR Work on Lysozyme," Zhur. Mikrobiol., Epidemiol. i Immunobiol., No.6, 1953. pp. 83-87

Translation W-29129, 11 Jan 54

YEFREMENKO, A.A.

Investigation by Russian scientists on the effect of the nervous system upon the bactericidal properties of body fluids. Zhur.mikrobiol.epid. i immun. no.12:64-69 D '53. (MLRA 7:1)
(Nervous system) (Bactericide) (Body fluids)

YEFREMENKO, A.A.

MILENUSHKIN, Yu.I.; YEFREMENKO, A.A.

V.I.Isaev an outstanding Russian microbiologist, epidemiologist, and medical worker, 1854-1911; 100th anniversary of his birth. Zhur. mikrobiol. epid. i immun. no.6:73-79 Je '54. (MLRA 7:7)

1. Iz Kabineta istorii mikrobiologii (zav. Yu.I.Milenushkin) Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamaleia (dir. prof. V.D.Timakov) AMN SSSR.
(ISAEV, VASILII ISAEVICH, 1854-1911)
(MICROBIOLOGY, history,
*Russia, contribution of V.I.Isaev)

YEFREMENKO A.A.

YEFREMENKO, A.A.

Investigations of Russian scientists on the bactericidal properties of body fluids. Zhur. mikrobiol. epid. i immun. no.1:108-113 Ja '55. (MLRA 8:2)

1. Iz kabineta istorii mikrobiologii (zav. Yu.I.Milenushkin) Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamelei AMN SSSR (dir. prof. V.D.Timakov)

(BODY FLUIDS,
bactericidal properties, hist. of research in Russia)

YEFREMENKO, A.A.

Organization of the Pasteur station in Moscow. Zhur.mikrobiol. epid. i immun. no.9:99-102 S '55. (MLRA 8:11)

1. Iz kabineta istorii mikrobiologii (zav. Yu.I.Milemushin) Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei (dir. prof. G.V.Vygodchikov) AMN SSSR.
(MICROBIOLOGY, history,
in Russia, organiz. of Pasteur station in Moscow)

YEFREMENKO, A. A., and MILENUSHKIN, Yu. I.

"V. I. Isayev -- Outstanding Russian Microbiologist, Epidemiologist, and Sanitation Expert (1854-1917)." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Cabinet of the History of Medicine, Milenushkin, Yu. I., head [Milenushkin has also been identified as head of the Cabinet of the Histoy of Microbiology and Cabinet of the History of Microbiology and Epidemiology] Inst. Epidem and Microbiol im. Gamaleya AMS USSR

SO: Sum 1186, 11Jan 57

YEFREMENKO, A. A.

"Russian Epidemiology in the Past."
"From the History of the Study of Elements of Propagation." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Cabinet of the History of Medicine, Milenushkin, Yu. I., head [Milenushkin has also been identified as head of the Cabinet of the History of Microbiology and Cabinet of the History of Microbiology and Epidemiology] Inst. Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

/Efremenko, A.A.

USSR/General Division. History. Classics. Personnel. A-2

Abs Jour: Ref. Zhur. Biol., No 4, 1958, 14158.

Author : Efremenko A.A.
Inst :
Title : From the History of the Studies of the Factor of Spreading.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiologii, 1956, No 8, 109-110

Abstract: The discoveries of N.F. Gamaleia and A.S. Yegorov in the field of the studies about the factor of spreading are reported (with bibliographical indices).

Card : 1/1 -30-

YEFREMENKO, A.A. (Moskva)

Russian (pre-revolutionary) dissertations on trachoma. Vest.oft. 69 no.5:94-95 S-O '56. (MIRA 9:12)

(TRACHOMA
dissertations in Russia from before 1917)
(OPHTHALMOLOGY, hist.
in Russia, dissertations from before 1917)

YEFREMENKO, A.A.

Aleksey Vasil'evich Grigor'ev and his contribution to the science of microbiology (1860-1916). Zhur. mikrobiol. epid. i immun 28 no.2:117-122 F '57 (MLRA 10:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(MICROBIOLOGY
contribution of Aleksey Vasil'evich Grigor'ev)
(BIOGRAPHIES
Grigor'ev, Aleksey V.)

YEFREMENKO, A.A.

Materials on history of research on antitoxic immunity. Zhur. mikrobiol.epid. i immun. 28 no.4:149-154 Ap '57. (MIRA 10:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR.

(BACTERIA, immunol.
immun. to bact. toxins, review)

YEFREMENKO, A.A.

Materials on the correspondence of Pasteur with Russian physicians; 70th anniversary of the opening of Pasteur stations in Russia. Zhur.mikrobiol.epid. i immun. 28 no.5:126-130 My '57. (MLRA 10:7)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(FAMOUS PEOPLE
Pasteur's letters to Russian physicians)
(RABIES, prev. and control
same)

YEFREMENKO, A.A.

Material for the biography of IA.IU. Bardakh (1857-1929). Zhur. mikrobiol.epid.i immun. 30 no.8:119-124 Ag '59. (MIRA 12:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(BIOGRAPHIES)

YEFREMENKO, A.A.; LEVTOVA, K.Z.

On the opening of the Pasteur station in Samara. Zhur. mikrobiol. epid. i immun. 31 no. 5:33-35 My '60. (MIRA 13:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR i I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

(SAMARA—RABIES)

YEFREMENKO, A.A. (Moskva)

Robert Koch. Fel'd. i akush. 26 no. 1:36-39 Ja '61. (MIRA 14:2)

(KOCH, ROBERT, 1843-1910)

YEFREMENKO, A.A.

On a study of the experiences of popular medicine in the use of antimicrobial substances from the animal organism. Vest. AMN SSSR 15 no.8:82-84 '60. (MIRA 13:11)
(TISSUE EXTRACTS) (ANTIBIOTICS)

YEFREMENKO, A.A.

Material on the history of the Institute of Epidemiology and Microbiology of the Soviet Academy of Medical Sciences (1891-1931). Zhur.mikrobiol.epid.i immun. 31 no.8:143-145 Ag '60. (MIRA 14:6)

1. Iz Kabineta istorii mikrobiologii i epidemiologii Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(EPIDEMIOLOGY) (MICROBIOLOGY)

YEFREMENKO, A.A.; LEVTOVA, K.Z.

M.I.Afanas'ev, the founder of the St.Petersburg Microbiological School, on the 50th anniversary of his death. Zhur.mikrobiol., epid. i immun. 32 no.11:145-147 N '61. (MIRA 14:11)

1. Iz kabineta istorii mikrobiologii Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR i kafedry epidemiologii I Moskovskogo meditsinskogo instituta imeni Lenina.
(AFANAS'EV, MIKHAIL IVANOVICH, 1850-1910)

GORDINA, R.V.; YEFREMENKO, A.A.

History of the study of the etiology of whooping cough in our country. Zhur. mikrobiol. epid. i immun. 41 no.3:145-147 Mr '64.
(MIRA 17:11)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

YEFREMENKO, A.A.

Khristofor Ivanovich Gel'man, 1848. Sov. med. 27 no.11:138-140 N '64. (MIRA 18:7)

YEFREMENKO, A.A.; PATSANOVSKAYA, G.S.

Viktor Ivanovich Nedrigailov; on the centennial of his birth. Zhur. mikrobiol., epid. i immun. 42 no.11:144-147 N '65. (MIRA 18:12)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR i Detskaya poliklinika No.61 Proletarskogo rayona Moskvy. Submitted January 26, 1965.

YEFREMENKO, A.A.

Marceli Nencki and his studies in the field of infectious pathology. Zhur.mikrobiol., epid.i immun. 32 no.12:126-130 D '61. (MIRA 15:11)

1. Iz kabineta istorii mikrobiologii Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(NENCKI, MARCELI, 1847-1901)

MILENUSHKIN, Yu.I.; YEFREMENKO, A.A.

Pasteur Institute in Paris and Russian scientists; on the 75th anniversary of the foundation of the Institute. Izv. AN SSSR. Ser. biol. no.5:800-803 S-O '64. (MIRA 17:9)

DOBROV, Gennadiy Mikhaylovich; GOLYAN-NIKOL'SKIY, Anton; YEFREMENKO, A.N., red.

[Century of great hopes; the fortunes of scientific and technological progress in the 20th century] Vek velikikh nadezhd; sud'by nauchno-tekhnicheskogo progressa XX stoletiia. Kiev, Naukova dumka, 1964. 176 p. (MIRA 17:8)

ACC NR: AP6034326 SOURCE CODE: UR/0317/66/000/010/0050/0051

AUTHOR: Yefremenko, E. (Engineer, Captain)

ORG: none

TITLE: Preservation of dosimetric instruments

SOURCE: Tekhnika i vooruzheniye, no. 10, 1966, 50-51

TOPIC TAGS: dosimeter, equipment preservation technique, shipping container, instrument storage

ABSTRACT: A new method of preserving dosimetric apparatus, in which each instrument is packed separately in 0.2 to 0.3-mm thick polyethylene jackets which provide protection against excessive humidity (greater than 55°), was tried. The cases were made in four sizes to fit instruments: DP-63A, DP-2 and DP-23, DP-12, and DP-5. To create airtight conditions, the jacket seams are sealed by passing through a flame at 25—30 cm/min. A thick layer of paper or thin cardboard was packed on the upper part of the DP-5 instrument so that the airtight jacket would not tear. The remaining seams were sealed with LT-30 tape. The jacketed instruments were then packed in a standard packing case (DP-12, DP-5, DP-23) or a portable case (DP-2). A sheet of paper with the date of storage and the weight of the instrument was placed in each jacket. This method of preservation permits a quick distribution of dosimetric apparatus, and a maximal reduction of the amount of air in the airtight

Card 1/2

ACC NR: AP6034326

jacket. More important, it was concluded that under such storage conditions, the time between calibrations can be extended to 2—3 years.

SUB CODE: 13, 06/ SUBM DATE: none

Card 2/2

KORNEYEV, B.N., inzh.; UL'YAKHIN, P.M., inzh.; CHALENKO, N.Ye., inzh.; YEFREMENKO, F.V., inzh.

Wide work mining. Sbor.DonUGI no.20:77-89 '61. (MIRA 15:6)
(Donets Basin--Coal mines and mining)

KORNEYEV, B.N., inzh.; UL'YAKHIN, P.M., inzh.; YEFREMENKO, F.V., inzh.; CHALENKO, N.Ye., inzh.

Economic efficiency of wide work mining. Sbor.DonUGI no.20: 90-108 '61. (MIRA 15:6)

(Donets Basin--Coal mines and mining)

KORNEYEV, B.N., inzh.; UL'YAKHIN, P.M., inzh.; CHALENKO, N.Ye., inzh.; YEFREMENKO, F.V., inzh.

Technological layouts and efficiency of scraper rock filling of the mined-out area of longwalls in flat seams. Sbor. DonUGI no.29:17-31 '63. (MIRA 16:10)

(Donets Basin--Mine filling)

LIKHT, L.L.; YEFREMENKO, G.M. (Donetsk)

Clinical and morphological characteristics of cancer of the adrenal cortex. Probl.endok. i gorm. no.2:82-87'63.
(MIRA 16:7)

1. Iz kafedry patologicheskoy anatomii (zav. - doktor med. nauk, dotsent Ye.A. Dikshteyn) Donetskogo meditsinskogo instituta (direktor - dotsent A.M.Ganichkin).
(ADRENAL CORTEX--CANCER)

YEFREMENKO, K.F.

The dye stability in color images in multiple-dye color films. I. M. Fridman, K. F. Efremenko, I. A. Solov'eva. [illegible]

4

WAS

LFH

NEPENIN, Yu.N.; BUYEVSKAYA, A.D.; GALAKHOVA, V.Ye.; YEFREMENKO, K.Z.

Cooking sulfite pulp in acid with sodium base. Bum. prom. 36 no.9: 23-26 S '61. (MIRA 15:1)

1. Lesotekhnicheskaya akademiya im. S.M.Kirova (for Nepenin, Buyevskaya). 2. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirtovoy promyshlennosti (for Galakhova). 3. Glavnyy inzh. Slokskogo kombinata Latviyskogo sovnarkhoza (for Yefremenko). (Cellulose)

YEFREMENKO, K.Z.

Sewage purification in the "Sloka" Combine. Bum.prom. 37 no.9:12-14 S '62. (MIRA 15:9)

1. Glavnyy inzh. Upravleniya bumazhnoy i derevoobrabatyvayushchey promyshlennosti Latviyskogo soveta narodnogo khozyaystva.
(Latvia--Sewage--Purification)
(Latvia--Woodpulp industry--By-products)

BURNASHEVA, S.A.; YEFREMENKO, M.V.

Role of adenosinetriphosphoric acid in the motor function of the infusoria species Tetrahymena pyriformis. Biokhimiia 27 no.1:167-172 Ja-F '62. (MIRA 15:5)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.

(ADENOSINE PHOSPHATES) (INFUSORIA)

YEFREMENKO, M. V., BURMASHEVA, S. A. (USSR)

"Biochemical Basis for the Movement of Flagella and Cilia (read by title)."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow, 10-16 Aug 1961

BURNASHEVA, S.A.; YEFIMENKO, N.V.

Adenine nucleotides and adenosinetriphosphatase activity in the infusorians Tetrahymena pyriformis. Dokl. AN SSSR 137 no. 1:203-205 Mr-Ap '61. (MIRA 14:2)

1. Institut biokhimii im. A.N. Bakha Akademii nauk SSSR. Predstavleno akademikom V.A. Engel'gardtom.
(Adenosinetriphosphatase) (Infusoria)
(Cilia and ciliary motion)

BURNASHEVA, S.A.; YEFREMENKO, M.V.; LYUBIMOVA, M.N.

Investigation of the adenosinetriphosphatase activity of the isolated cilia of the infusorian Tetrahymena pyriformis and the isolation of adenosinetriphosphatase from them. Biokhimiia 28 no.3:547-551 My-Je '63. (MIRA 17:2)

1. Institute of Biochemistry, Academy of Sciences of U.S.S.R., Moscow.

BURNASHEVA, S.A.; YEFREMENKO, M.V.; CHUMAKOVA, L.P.; ZUYEVA, L.V.

Isolation of contractile proteins from the cilia of Tetrahymena pyriformis and the study of their properties. Biokhimiia 30 no.4:765-771 Jl-Ag '65. (MIRA 18:8)

1. Institut biokhimii imeni A.N. Bakha AN SSSR, Moskva.

YEFREMENKO, N. K. 1505

USSR/Artillery - Tactics 0811.0300 Oct/Nov 1946

"First Guards Antitank Artillery Regiment," Guards General-mayor of Artillery N. K. Yefremenko, 9 pp

"Artilleriyskiy Zhur" No 10/11

Historical brief of operations of First Guards Antitank Artillery Regiment in campaigns around Spass-Ryukhovskoye and Solnechnogorsk. This regiment first saw action 19 Oct 1941, and after that was instrumental in many successful campaigns. As a reward for its excellent service, this regiment was designated a Guard Regiment by order of Stalin, 8 Jun 1942.

ID 1505

YEFREMENKO, O.

Plant producing precast concrete for industrial construction. Na stroi.Ros. 3 no.4:22 Ap '62. (MIRA 15:9)

1. Glavnyy inzh. Krasnoyarskogo otdeleniya Proyektnogo instituta No.2.

(Krasnoyarsk—Precast concrete)

LAVRENT'YEV, M.I.; FOMIN, V.B.; POPOV, A.P.; SINITSKIY, V.D.; YEFREMENKO, O.K.; LUKASHIN, N.F.

Desulfurizing cast iron with lime in special equipment. Sbor. trud. UNIIM no.31:80-90 '65.

(MIRA 18:11)

LAVRENT'YEV, M.L.; POPOV, A.P.; FOMIN, V.B.; LUKASHIN, N.F.; YEFREMENKO, O.K.

Highly efficient method of iron desulfuration outside a blast furnace. Met. i gornorud. prom. no.4:10-11 Jl-Ag '64.
(MIRA 18:7)

YEFREMENKO, P.G.

Improving dynamic characteristics of a crawler tractor with rear drive sprockets. Trudy KhPI. Ser.mash. 19 no.5:157-168 '59.
(MIRA 14:9)
(Crawler tractors--Dynamics)

YEFREMENKO, P.G., inzh.; SHEPELENKO, G.N., kand.tekhn.nauk; KODENKO, M.N., kand.tekhn.nauk

Using induction transducers for measuring displacements in the elements of the power transmission of a tractor. Vest.mashinostr. 43 no.9:32-34 S '63. (MIRA 16:10)

GORYASHKO, P.M., kand.tekhn.nauk; YEFREMENKO, P.G., inzh.; KLIMOV, A.K., kand. tekhn.nauk; KODENKO, M.N., kand.tekhn.nauk; SHEPELENKO, G.N., kand. tekhn.nauk

Causes of the breakdown of the power take-off drive in operating a tractor with a mounted sprinkling machine. Trakt. i sel'khozmash. no.9:14-17 S '65. (MIRA 18:10)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.

MEZENTSEV, Vladimir Andreyevich; YEREMENKO, P.N., red.;
MISTETSKIY, G.P.[Mystets'kyi, H.P.], red.

[Chemistry in questions and answers] Khimiia v zapytannıakh i vidpovidiakh. Kyiv, 1964. 78 p. (Tovarystvo "Znanilia" Ukrains'koi RSR. Seriia VI, no.4/5) (MIRA 18:9)

BERKOVSKIY, V.S.; VASILEVICH, N.P.; YEFREMENKO, S.Z.; KHUDIK, V.T.

Production of upset strip for the t—sion suspension of the "Zaporozhets" automobile. Metallurg 10 no.1:28 Ja '65. (MIRA 18:4)

1. Zavod "Dneprospetsstal'".

GAN, A.I., inzh.; VERKHENKO, T.A., inzh.

AOS-3 device for determining the lint index of cottonseeds.
Masl. - zhir. prom. 27 no.8:31-32 Ag '61. (MIRA 14:8)

1. Srednеaziatskiy filial Vsesoyuznogo nauchno-issledova-
tel'skogo instituta zhirov.
(Linters) (Cottonseed)

YEFREMENKO, V.

More on the advantages of specialized cattle fattening.
Mias. ind. SSSR 34 no.5:31-32 '63. (MIRA 16:11)

1. Belorusskiy nauchno-issledovatel'skiy institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva.

YEFREMENKO, V., kand. biolog. nauk; KUCHUMOV, A., kand. biolog. nauk

Control of the potato nematode in the German Federal Republic.
Zashch. rast. ot vred. i bol. 10 no.5:56 '65. (MIRA 18:6)

KASATKIN, Boris Sergeyevich, doktor tekhn. nauk; YERMAKO, V.K., inzh., retsenzent;

[Mechanized welding of steel under flux] Mekhanizirovannaia svarka stali pod fliusom. Kiev, Tekhnika, 1964. 109 p. (MIRA 17:8)

L 33142-66 EWT(m)/EWP(e)/EWP(t)/ETI/EWP(k) IJP(c) JD/JH
ACC NR: AP6015352 (N) SOURCE CODE: UR/0226/66/000/005/0067/0073

AUTHOR: Gladneva, L. I. (Moscow); Yefremenkova, V. I. (Moscow); Lebedeva, L. S. (Moscow); Spivak, G. V. (Moscow); Shelamov, V. A. (Moscow); Yurasova, V. Ye. (Moscow)

ORG: none

61
B

TITLE: Ascertaining the structure of sintered materials of the Me-MeO system by ion bombardment. Report presented at the Fifth All-Union Conference of Electronic Microscopy in Suzy, July 1965

SOURCE: Poroshkovaya metallurgiya, no. 5, 1966, 67-73

TOPIC TAGS: ~~metal~~ metal oxide system, sintered aluminum powder, powder metallurgy, ~~metal powder~~ electron microscopy, ion bombardment

ABSTRACT: A study of the structure of sintered aluminum powder material by ion bombardment is of practical significance for the investigation of materials obtained by means of powder metallurgy. The method is suggested for use for manufacturing samples prior to electron-microscopic investigations. Analysis of microphotographs shows that the base of SAP material is a cellular grid consisting of oxide particles bounded by aluminum pseudograins. Orig. art. has: 8 figures. [Based on author's abstract.] [AM]

SUB CODE: 11,20/ SUBM DATE: 11 Aug65/ ORIG REF: 002/ OTH REF: 001

LS
Card 1/1

SOV-120-58-3-12/33

AUTHORS: Tsitovich, A. P., Yefremenko, V. I.

TITLE: A Memory Device for the Observation of Single Processes on a Cathode Oscillograph (Zapominayushcheye ustroystvo dlya nablyudeniya odnokratnykh protsessov na katodnom ostsillografe)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 3, pp 58-61 (USSR)

ABSTRACT: It is well known that an electron beam produces charges on the screen as a result of secondary emission. This is the so-called "potential trail" of the motion of the beam. Due to the fact that the screen is a good insulator, and is in a vacuum, these charges remain on the screen for a few seconds or even minutes. The presence of the charges at any given point may be detected by firing at it an electron beam. As a result, there is movement of charges and an electrode placed in front of the screen will pick up a signal. This is the method employed in the present device. A double beam tube is used. One of the beams is used to produce a trace on the screen which corresponds to the process under investigation, and the other is used in the process of subsequent recording on a magnetic drum. The second beam scans the screen along a television grid. When

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A Memory Device for the Observation of Single Processes on a Cathode Oscillograph

the second beam intercepts the potential trail produced by the first beam, the electrode just outside the screen picks up the signal. The signal is amplified, shaped and recorded on a magnetic drum. The process can be reversed so that a signal recorded on the drum can be made to reappear on the screen of the oscilloscope. The circuit of the instrument is shown in Fig.4 and a photograph of the magnetic drum in Fig.3. The problem was suggested by A. A. Naumov. The magnetic drum was made by M. A. Grigor'yev. There are 7 figures and 2 Soviet references.

SUBMITTED: August 29, 1957.

1. Cathode ray oscillographs--Equipment 2. Cathode ray oscillographs--Applications 3. Magnetic recording systems--Applications 4. Electron beams--Applications

YEFREMENKO, V.I.; LEYBENZON, B.I.; TALYZIN, V.V.; FINOGENOV, K.G.; [redacted] ENGLIS, K.E.

Radioactive method of controlling grouting operations. Shakht. stroi. no.4:6-8 Ap '59. (MIRA 12:5)
(Grouting) (Radioisotopes--Industrial applications)

ACCESSION NR: AR4023769 S/0274/64/000/001/A082/A082

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 1A542

AUTHORS: Grashin, Yu. M.; Yefremenko, V. I.; Finogenov, K. G., Tsitovich, A. P.

TITLE: Pulse height analyzer with solid acoustic delay line

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2. Ch. 2. Gosatomizdat, 1963, 163-172

TOPIC TAGS: pulse height analyzer, delay line, acoustic delay line, solid delay line, magnesium delay line, delay line memory, time correlated signal

TRANSLATION: A 64-channel pulse-height analyzer is described with a memory system operating with an ultrasonic delay line. The latter is made of magnesium. The resolution time of the analyzer is 1

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ACCESSION NR: AR4023769

microsecond. The analyzer input unit contains two amplifier channels with non-overloading amplifiers. A coincidence circuit and a transmission circuit are provided to separate the time-correlated signals. The information stored in the memory can be picked off the screen of a cathode ray tube using a double or a linear system. The information can also be extracted channel by channel with the aid of a binary-decimal converter. The operation of the main circuit units of the analyzer is described. The analyzer is in operation since the middle of 1959 and is both stable in operation and immune to noise. Bibliography, 4 titles. I. B.

DATE ACQ: 03Mar64 SUB CODE: PH, SD ENCL: 00

Card 2/2

ACCESSION NR: AR4014748 S/0058/63/000/012/A021/A021

SOURCE: RZh. Fizika, Abs. 12A205

AUTHORS: Grashin, Yu. M.; Yefremenko, V. I.; Finogenov, K. G.; Tsitovich, A. P.

TITLE: Pulse height analyzer using solid acoustic delay line

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2, Ch. 2. Gosatomizdat, 1963, 163-172

TOPIC TAGS: analyzer, pulse height analyzer, acoustic delay line, solid delay line, delay line, time correlated signal, nuclear instrumentation

TRANSLATION: A 64-channel pulse-height analyzer using a solid delay line is described. The analyzer circuit contains several elements to extend its operating capabilities. The input unit has two ampli-

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ACCESSION NR: AR4014748

fier channels, a coincidence circuit, and a transmission circuit, making it possible to separate and investigate time-correlated signals. The information accumulated in the memory can be picked off the screen of the monitor tube in binary or linear form, and can also be extracted channel by channel by means of a special binary-to-decimal conversion circuit. The analyzer resolution time is 1 millisecond. The analyzer is immune to interference and stable in operation. L. S.

DATE ACQ: 24Jan64 SUB CODE: PH, SD ENCL: 00

Card 2/2

YEFREMENKO, V. P.: Cand Master Biol Sci (diss) -- "The potato nematode (Heterodera rostochiensis Woll., 1923) and measures to combat it in the Lithuanian SSR". Moscow, 1958. 23 pp (All-Union Order of Lenin Acad Agric Sci im V. I. Lenin, All-Union Inst of Helminthology im Acad K. I. Skryabin), 150 copies (KL, No 6, 1959, 129)

YEFREMENKO, V.P., nauchnyy sotrudnik

Soil treatment with chloropicrin for controlling potato nematodes.
Zashch. rast. ot vred. i bol. 3 no.5:45-46 S-O '58.
(MIRA 11:10)

1. Stantsiya po koloradskomu zhuku, nematodam i raku kartofelya, Vil'nyus, Litovskaya SSSR.
(Soil disinfection) (Chloropicrin) (Nematoda)

YEFREMENKO, V.P.

Studying the potato nematode and measures for its control in the Lithuanian S.S.R. Trudy Gel'm. lab. 9:91-92 '59. (MIRA 13:3)
(Lithuania--Nematoda) (Potatoes--Diseases and pests)

YEFREMENKO, V.P., kand.biolog.nauk (g. Vil'nyus)

Promising nematocide. Zashch. rast. ot vred. i bol. 6 no.3:39 Mr '61. (MIRA 15:6)

(Nematocides)

YEFREMENKO, V. P.

Mechanic for portable compressor units; textbook. Moskva, Trudrezervizdat, 1952.
147 p. (54-18378)

TJ990.E46

VEFREMENKO, V. P., ENGR

USSR/Engineering - Construction, Mechanization Mar 52

"On Experience of Advancing Complex Mechanization of Operations in Construction of Heavy Industry Enterprises," V. P. Vefremenko, Engr

"Pyul Stroitel Tekh" No 5, pp 4-7

Discusses organizational and tech measures for further promotion of complex mechanization for 1951. Briefly describes or merely mentions some machines and methods as, for example: bulldozer-loader, tower cranes, concrete pumps and link conveyers; mechanized quarries of rubble and sand, horizontal ground drilling and underground earthwork with vibration-vacuum extraction of earth.

213T52

YEFREMENKO, V.P., inzhener.

Changing the design of valves of ShMSM-1 concrete mix pumps. Sbor.mat.o nov. tekh.v stroi. 15 no.9:11-13 '53. (MLRA 6:10)

(Concrete) (Pumping machinery)

YEFREMENKO, V.P.

Subject : USSR/Engineering

Card 1/1 Pub. 98 - 1/9

Author : Yefremenko, V. P., Engineer

Title : Improvement in the use of dump-cars

Periodical : Sbor. mat. o nov. tekh. v stroi., 7, 1-4, 1954

Abstract : A new locking device for railway 50 ton automatic self-dumping-cars to prevent the occasionally occurring overturn of the car body during fast movement on railway tracks. 5 diagrams.

Institution : None

Submitted : No date

YEFREMENKO, Vsevolod Pavlovich; SARKISOV, G.I., redaktor; SOKOLOVA, M.A., redaktor; RAKOV, S.I., tekhnicheskiy redaktor

[Mechanic for portable compressor units] Mashinist peredvizhnykh kompressornykh ustanovok. Izd.2-oe, ispr. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1955. 207 p. (MLRA 9:1)
(Air compressors)

GEL'MAN, A.S., inzhener; YEFREMENKO, V.P., inzhener; KOMAROV, G.V., inzhener.

Methods for over-all mechanization of aggregate warehouses in concrete and mortar plants used for industrial construction. Stroi.prom. 33 no.9:16-22 S '55. (MLRA 9:1)
(Concrete)

SOKOLOV, K.N.; YEVSTAF'YEV, S.V.; ROSTOTSKIY, V.K.; GRECHIN, N.K.; STANKOVSKIY, A.P.; BAUMAN, V.A.; BERKMAN, I.L.; BORODACHEV, I.P.; BOYKO, A.G.; VALUTSKIY, I.I.; VATSSLAVSKAYA, L.Ya.; VOL'FSON, A.V.; DOMBROVSKIY, N.G.; YEGNUS, M.Ya.; YEFREMENKO, V.P.; ZIMIN, P.A.; IVANOV, V.A.; KOZLOVSKIY, A.A.; KOSTIN, M.I.; KRIMERMAN, M.N.; LINEVA, M.S.; MERKENKOV, A.S.; MIROPOL'SKAYA, N.K.; PETROV, G.D.; REBROV, A.S.; ROGOVSKIY, L.V.; SMIRNOV, G.Ya.; SHAFRANSKIY, V.N.; SHIMANOVICH, S.V.; SHNEYDER, V.A.

Evgenii Richardovich Peters; obituary; Mekh. stroi. 15 no.1:3 of cover Ja '58. (MIRA 11:1)

(Peters, Evgenii Richardovich, 1892-1957)

YEFREMENKO, V.P.

SOKOLOV, K.M. YEVSTAFEYEV, S.V.; ROSTOTSKIY, V.K.; STANKOVSKIY, A.P.; VARENIK, Ye.I.; ONUFRIYEV, I.A.; SVESHNIKOV, I.P.; UKHOV, B.S.; BAUMAN, V.A.; BARSOV, I.P.; BASHINSKIY, S.V.; BOYKO, A.G.; VALUTSKIY, I.I.; ZAPOL'SKIY, V.P.; ZOTOV, V.P.; IVANOV, V.A.; KAZARINOV, V.M.; LEVI, S.S.; MALOLETKOV, Ye.K.; MERENKOV, A.S.; MIROPOL'SKAYA, N.K.; OSIPOV, L.G.; PEREL'MAN, L.M.; PETROV, G.D.; PETROV, N.M.; POLYAKOV, V.I.; VATSSLAVSKAYA, L.Ya.; VAKHRAMEYEV, S.A.; VERZHITSKIY, A.M.; VLASOV, P.A.; VOL'FSON, A.V.; VOSHCHININ, A.I.; DZHUNKOVSKIY, N.N.; DOMBROVSKIY, N.G.; YEPIFANOV, S.P.; YEFREMENKO, V.P.; ZELICHENOK, G.G.; ZIMIN, P.A.; POPOVA, N.T.; ROGOVSKIY, L.V.; REBROV, A.S.; SAPRYKIN, V.A.; SOVALOV, I.G.; SOSHIN, A.V.; STARUKHIN, N.M.; SURENYAN, G.S.; TOLORAYA, D.F.; TROITSKIY, Kh.L.; TUSHNYAKOV, M.D.; FROLOV, P.T.; TSIRKUNOV, I.P.

Andrei Vladimirovich Konorov; obituary. Mekh. stroi. 16 no.1:32 Ja '59. (MIRA 12:1)

(Konorov, Andrei Vladimirovich, 1890-1958)

YEFREMENKO, V.P., inzh.; KOPERIN, V.V., inzh.; TUSHNYAKOV, M.D., inzh., nauchnyy red.; TABUNINA, M.A., red.izd-va; NAUMOVA, G.D., tekhn.red.

[Operating mobile air-compressor stations] Rabota na peredvizhnykh vozdushno-kompressornykh stantsiiakh. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 260 p. (MIRA 14:2)

1. Russia (1917- R.S.F.S.R.) Upravleniye mekhanizatsii spetsial'nykh i montazhnykh rabot.
(Air compressors)

ULANOV, R.N.; LANTSOV, V.A., starshiy nauchnyy sotr.; AL'PEROVICH, A.I.; PFUL', B.Ye., inzh., red.; KODABASHEVA, R.S., inzh., red.; YEFREMENKO, V.P., inzh., red.

[Hoists used in construction] Stroitel'nye pod"emniki; sbornik opisanii ratsionalizatorskikh predlozhenii. Moskva, Gos. izd-vo litry po stroit., arkhit. i stroit. materialam, 1961. 34 p. (MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Glavnyy konstruktor liteyno-mekhanichskogo zavoda Leningradskogo upravleniya zhilishchnym khozyaystvom (for Ulanov). 3. Leningradskiy nauchno-issledovatel'skiy institut Akademii kommunal'nogo khozyaystva im. K.D.Pamfilova (for Lantsov). 4. Glavnyy inzhener TSentral'nogo remontno-mekhanicheskogo zavoda Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta deputatov trudyashchikhsya (for Al'perovich). (Hoisting machinery)

[redacted], V.P., inzh.

Repairing building machinery in the Main Administration for Housing and Public Construction in the City of Moscow. Mekh. stroi. 18 no. 1:19-20 Ja '61. (MIRA 14:2)

1. Glavnyy spetsialist otdela mekhanizatsii Gosstroya [redacted].
(Moscow--Building machinery--Maintenance and repair)

YEFREMENKO, Vsevolod Pavlovich; ZHURAVLEV, B.A., red.; TARKHOVA, K.Ye., tekhn. red.

[Safety manual for the operator of a mobile compressor station] Pamiatka po tekhnike bezopasnosti dlia mashinista peredvizhnoi kompressornoi stantsii. Izd.2., perer. i dop. Moskva, Gosstroiizdat, 1963. 27 p. (MIRA 16:10)

(Compressors--Safety measures)

FROLOV, Petr Terent'yevich; CHUDAKOV, Konstantin Petrovich; ZELENKOV, G.I., kand. tekhn. nauk, dots., retsenzent; MALOLETKOV, Ye.K., inzh., retsenzent; YEFREMENKO, V.P., inzh., nauchnyy red.; KROMOSHCH, I.L., insh., nauchnyy red.; GOL'DBERG, T.M., tekhn. red.

[Operation of construction equipment] Ekspluatatsiia stroitel'nykh mashin. Moskva, Gosstroiizdat, 1963. 279 p. (MIRA 16:6)

1. Zaveduyushchiy kafedroy "Ekspluatatsiya dorozhnykh mashin" Moskovskogo avtodorozhnogo instituta (for Zelenkov). 2. Nachal'nik laboratorii ekspluatatsii stroitel'nykh mashin Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Maloletkov).
(Construction equipment)

PEREMYSLOVSKIY, Vladimir Ivanovich; POKRAS, Yuriy L'vovich; YEFREMENKO, V.P., nauchn. red.; SHIROKOVA, G.M., red.; MIKHEYEVA, A.A., tekhn. red.

[Hoisting machinery for performing special and assembling operations] Pod"emniki dlia proizvodstva spetsial'nykh i montazhnykh rabot. Moskva, Stroiizdat, 1964. 78 p. (MIRA 17:3)

YEFREMENKO, V.S., inzh.

Strengthening removable segments of rotating blade turbines. Gidr. stroi. 34 no.11:47-48 N '63. (MIRA 17:3)

YEFREMENKO, Ya.

Labor rest homes. Okhr. truda i sots. strakh. no.3:52-55 S '58. (MIRA 12:1)

1.Sekretar' Ukrainskogo respublikanskogo soveta profsoyuzov.
(Labor rest homes)

YEFREMENKO, Ye.; KOVALENKO, D.

With collective efforts. Sov. profsoiuzy 16 no.20:23-25 O '60.
(MIRA 13:11)

1. Sekretar' Ukrainskogo respublikanskogo soveta profsoyuzov (for Yefremenko). 2. Starshiy kontroler Komissii sovetskogo kontrolya Soveta Ministrov USSR (for Kovalenko).
(Ukraine--Trade unions)

YEFREMENKO, Ye.

On a large scale. Okhr.truda i sots. strakh. 4 no.1:10-13 Ja '61.
(MIRA 14:3)

1. Sekretar' Ukrainskogo respublikanskogo soveta profsoyuzov.
(Automation) (Ukraine--Industrial hygiene)

YEFREMENKO, Ye.

Let's put the work clothes industry under public control. Okhr. truda i sots. strakh. 6 no.7:23-24 Jl '63. (MIRA 16:10)

1. Sekretar' Ukrainskogo respublikanskogo soveta professional'nykh soyuzov.

IL'IN, V. (Frunze); ZAYTSEV, V. (Guynaksk, Dagestanskoy ASSR); YEFREMENKOV, M. (Serpukhov, Moskovskoy obl.); CHUGAYEVSKIY, N., inzh. (Moskovskaya oblast'); BRUKVA, N. (Kiyev); SYCHAYEV, S. (Mytishchi); YEVTEYEV, V. (Rostov-na-Donu)

Exchange of experience. Radio no.4:20,33,36,39,40,53 Ap '65.
(MIRA 18:5)

(A) L 12910-66 EWT(m)/EWP(j) RM

ACC NR: AP6000945 SOURCE CODE: UR/0286/65/000/022/0029/0029

44,55 44,55 44,55 44,55

AUTHORS: Golynets, Yu. F.; Khomutov, N. Ye.; Yefremenkova, L. Ya.; Mel'nikova, G. Ye.; Filatova, L. S.

44,55

ORG: none

30

TITLE: A method for purifying caprolactam. 7,44,55 Class 12, No. 176301 16 ,B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 29

TOPIC TAGS: caprolactam, sodium compound, oxidizing agent, percarbonic acid

ABSTRACT: This Author Certificate presents a method for purifying caprolactam by oxidation and distillation. To improve the quality of caprolactam, salts of percarbonic acid, such as sodium percarbonate, are used as oxidizing agents.

SUB CODE: 07/ SUBM DATE: 09Jan65

Card 1/1 HW UDC: 547.466.3.05

L 1857-66 EWT(m)/EWP(i)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5022750 UR/0181/65/007/009/2875/2877

AUTHOR: Yurasova, V. Ye.; Levykina, L. N.; Yefremenkova, V. M.

TITLE: Deposition of thin films of intermetallic compounds by cathodic sputtering

SOURCE: Fizika tverdogo tela, v. 7, no. 9, 1965, 2875-2877

TOPIC TAGS: intermetallic compound, cadmium sulfide, semiconducting film, cadmium compound, indium compound, antimonide, crystal structure analysis, crystal property, electric property, ion bombardment, indium antimonide, thin film, single crystalline film, thin film deposition, cathodic sputtering, film crystal structure, film electric property

ABSTRACT: Single crystalline thin films of indium antimonide and cadmium sulfide have been deposited by cathodic sputtering (ion bombardment) on single crystalline substrate of rock salt, pyrophyllite, or mica. The advantages of cathodic sputtering over vaporization in vacuum were stressed in depositing thin films of materials whose components have very different vaporization rates. Both InSb and CdS are used in certain [unspecified] devices. The experimental apparatus, an evacuated glass tube, and operating conditions were described. The substrate was heated to a minimum 300C, in the case of InSb, or to 500C in the case of CdS. The sample to

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ACCESSION NR: AP5022750

be sputtered was InSb single crystal or sintered CdS powder. The electron diffraction or, in the case of thicker films (up to 3—5 μ), reflection patterns of the films on (100) cleavage surface of rock salt indicated a basically cubic structure, with (100) plane parallel to the (100) plane of the substrate. Different crystallographic orientations and hexagonal crystallites were also observed. Depending on sputtering conditions, the InSb films were produced having either n- or p-type conduction with carrier mobilities up to 13,000 $cm^2/V\text{-}sec$ and 500 $cm^2/V\text{-}sec$, respectively. Concentration of current carriers was of the same order as in the starting material. The resistivity and photosensitivity of CdS sputtered films were close to the corresponding values for bulk samples. Orig. art. has: 2 figures. [JK]

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 30Mar65 ENCL: 00 SUB CODE: SS

NO REF SOV: 004 OTHER: 002 ATD PRESS: 4087

Card 2/2

YEFREMIDES, A.F.

Mechanical metal-shaving grinders. Biul. TSNIICHM no. 9:41 '58.
(MIRA 11:7)

1. Aktyubinskiy zavod ferrosplavov.
(Milling machinery)

YEFREMIDZE, T.P.

Effect of green manuring on some chemical properties of the brown soils of Mukhrani. Soob. AN Gruz. SSR 27 no.5:589-596 N '61.
(MIRA 15:1)

1. Gruzinskiy sel'sko-khozyaystvennyy institut, Tbilisi, Predstavleno akademikom M.N. Sabashvili.
(Mukhrani region--Green manuring)

137-58-5-8874

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 18 (USSR)

AUTHOR: Yefremkin, V.V.

TITLE: Thermodynamics of the Reduction of Copper in Fused Cinder (K termodinamike vosstanovleniya medi v rasplavlennom ogarke)

PERIODICAL: Tr. Ural'skogo n.-i. khim. in-ta, 1957, Nr 4, pp 134-137

ABSTRACT: An examination of the reduction of Cu by a carboniferous reducing agent from fused cinder obtained by roasting powdered flotation concentrate. Equilibrium concentrations of Cu in an Fe-Cu alloy are computed together with equilibrium concentrations of Cu_2O in fused cinder. The concentration of Cu in the oxide phase is shown to be a function of the Cu content in the metallic phase as well as a function of temperature. The extent of the reduction of Cu from the oxide phase is calculated; it decreases with an increase in Cu content in the metallic phase as well as with increasing temperature.

1. Copper--Reduction 2. Thermodynamics 3. Sintering L.P. --Applications

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