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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, I. Ya.

VOL'FSON, A.I., inzhener; BOGOYAVLENSKIY, L.I., inzhener; BOGORAD, I.Ya., kandidat tekhnicheskikh nauk, retsenzent; FRUMKIN, P.S., tekhnicheskiy redaktor

[Increasing the corrosion resistance of zinc coatings of machine parts through chromate inhibition] Povyshenie korrozionnoi stoikosti tsinkovykh pokrytii detalei metodom khromatnoi passivatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1953. 57 p. (MLRA 7:8)

(Corrosion and anticorrosives)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, I. Ya.

137-58-3-5695

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 172 (USSR)

AUTHORS: Bogorad, I. Ya., Iskra, Ye. V.

TITLE: Protection of Metals Against Corrosion and Finishing Coatings (Zashchita metallov ot korrozii i otdelochnyye pokrytiya)

PERIODICAL: Sb. inform. statey dlya sudostroiteley. Leningrad, Sudpromgiz, 1957, pp 199-230

ABSTRACT: The following novel lacquer-paint materials are described: a) undercoatings: 329-V, 329-D, ALG-12, AG-3a, KhSG-7, ASB-1, UBG-1; b) benzine-and water-resistant enamels, as well as enamels of epoxy-citrocellulose and perchlorovinyl types; c) heat-resistant organic silicon and polyurethan lacquers, etc. Fields of employment and technological peculiarities of application of the materials listed above are described together with detergent compounds of the OP-7 and OL-10 types. The authors also report on a method employing an endless abrasive band for polishing purposes, a system of wear-resistant anodic oxidation of Al, a method of anodizing with subsequent painting under Au, a phosphate-oxide method for the treatment of Al, and on novel Ge rectifiers with liquid cooling. Also described

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137-58-3-5695

Protection of Metals Against Corrosion (cont.)

is a magnetic apparatus for the determination of the thickness of coatings and a device operating on a principle involving determination of intensity of β radiation, as well as a number of devices employed in automatic regulation and control of processes of electrodeposition of metals. The authors include a brief report on methods of corrosion prevention in nuclear reactors and in reservoirs. An electrical dust counter of FPG-6 type controlling the degree of dust pollution of air is described.

N. K.

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PHASE I BOOK EXPLOITATION SOV/3993

Bogorad, Isaak Yakovlevich, Lev Yakovlevich Bogorad, and Emma L'vovna Gakman

Povysheniye zashchitnoy sposobnosti blestyashchikh khromovykh pokrytiy (Improving the Protective Properties of Bright Chromium Coatings) Leningrad, 1959. 25 p. (Series: Leningrad. Dom nauchno-tekhnicheskoy propagandy. Obmen peredovym opytom. Seriya: Zashchitnyye pokrytiya metallov, vyp. 3) 3,500 copies printed.

Sponsoring Agencies: Leningrad. Dom nauchno-tekhnicheskoy propagandy, and Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Ed.: N.V. Akatova; Tech. Ed.: M.M. Kubneva.

PURPOSE: This booklet is intended for technical personnel specializing in the protective and decorative plating of machine parts.

COVERAGE: The booklet deals with a method of single-layer chrome plating of machine parts. The advantages of this type of plating over multilayer plating

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with Ni-Cu-Cr or with Cu-Ni-Cr are indicated. The inherent porosity of single-layer chrome plating is also indicated. A description is given of attempts to reduce porosity by immersing plated parts in linseed oil and other filler media to fill the pores and voids in the chromium coat by capillary action. The testing of treated parts for corrosion, wear, and fungus resistance is also described. The authors conclude that single-layer chrome plating treated with linseed oil, BF-2 glue, and ASM-3 lubricant has the same protective characteristics as a four-layer coat of Ni-Cu-Ni-Cr and shows good wear-resistance properties. The experiments and results are tabulated, and microphotographs are presented. Work on this problem was done by the Leningrad Branch, VPTI, the Zavod imeni Lenina (Plant imeni Lenin), and other scientific research institutes. No personalities are mentioned. There are 3 references, all Soviet.

TABLE OF CONTENTS: None given.

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BOGORAD, L.M.

Effect of the shape of current and voltage curve on the readings of rectifying electric meters. Izm.tekh. no.3:33-37 Mr '63. (MIRA 16:4)

(Electric meters--Testing)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, Lazar' Moiseyevich.

[Manual for orchard foremen on collective and state farms on non-Chernozem soils] Spravochnik brigadira-sadovoda (kolkhozov i sovkhozov nechernozemnoi polosy). Moskva, Gos. izd-vo selkhoz. lit-ry, 1958. 382 p. (MIRA 11:10)

(Fruit culture)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, Lazar' Moiseyevich; GAVRILOV, Viktor Gavrilovich, kand.sel'skokhoz. nauk; GORYACHEVA, Yevgeniya Petrovna, kand.sel'skokhoz.nauk; LIKHONOS, Fedor Dmitriyevich, doktor sel'skokhoz.nauk; MIKHAYLOV, Ivan Gavrilovich; PETROV, N.P., red.; MOLODTSOVA, N.G., tekhn.red.

[Manual for orchard foremen on collective and state farms of the non-Chernozem zone] Spravochnik brigadira-sadovoda; kolkhozov i sovkhozov nechernozemnoi polosy. Izd.2. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 398 p. (MIRA 14:1)
(Fruit culture)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD L.S.

BOGORAD, L.S.; ACHKINADZE, Sh.D., red.; GVIRTS, V.L., tekhn.red.

[Device for continuous hardening of band saws by high frequency currents and heating in water] Prisposoblenie dlia nepreryvnoi zakalki lentochnykh pil tokami vysokoi chastoty s nagrevom v vode. Leningrad, 1955. 2 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.35(723))
(Metals--Hardening) (Saws)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, L.Ya.; SLONIMSKIY, V.I., kandidat tekhnicheskikh nauk, redaktor, [deceased]; DLUGOKANSKAYA, Ye.A., tekhnicheskiy redaktor

[Electrochemical polishing of metals] Elektrokhimicheskoe polirovanie metallov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1952. 43 p. (Bibliotechka elektrotekhnologa, no.10) [Microfilm] (MLRA 9:3)

(Metals--Finishing) (Grinding and polishing)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, L. Ya.

KOSMACHEV, I. G

25(1) PHASE I BOOK EXPLOITATION SOV/1404

Levinson, Ye. M., B. G. Gutkin, A. P. Dyatchenko, and Ye. I. Vladimirov

Polushchenye polostey i sovorstii v metalle elektroiskrovym sposobom (Electrospark Method of Cutting Cavities and Holes in Metals) Moscow, Mashgiz, 1952. 93 p. (Series: Biblioteckhna elektrotekhnologa, No. 4) 6,000 copies printed.

Ed. (Title page): Gusev, N. N., Laureate of the Stalin Prize, Engineer; Ed. (Inside book): Popilov, L. Ya., Engineer; Tech. Ed.: Sokolova, L. V.; Managing Ed. for Literature on Machine Building Technology (Leningrad Division, Mashgiz): Nikitin, P. S., Engineer.

PURPOSE: This booklet is intended for technologists working in the field of electrical metalworking processes and for skilled workers.

COVERAGE: The booklet presents basic principles of the electrospark machining of holes and cavities in metals. Information on electrospark equipment is given and some examples of the applications of electrospark machining methods are presented. The following personalities were awarded Stalin prizes for their contributions to the development of electromachining methods; B. R. Lazarenko, N. I. Lazarenko, and V. N. Gusev. For the purpose of introducing and promoting electromachining methods, the Leningrad branch of Mashgiz (State Scientific

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Electrospark Method of Cutting Cavities (Cont.) SOV/1404

and Technical Publishing House of Literature on Machinery) on the recommendation of the Committee on electromachining of Lonitomash (Leningrad Branch of the Scientific, Engineering and Technical Society of Mechanical Engineers) undertook publication of the "Library for Electrotechnologists" which includes the following booklets: 1. Gusev, V.N. Anodic-mechanical Machining of Metals. 2. Levinson, Ye. M. Electrospark Machining of Metals 3. Kosmachev, I.G., P. S. Kryshanovskiy, and P.D. Klimchenkov. Anodic-mechanical Sharpening of Hard Alloy Tools 4. Levinson, Ye.M., B.G. Gutkin, A.P. Dyatchenko, and Ye. I. Vladimirov. Electrospark Method of Cutting Cavities and Holes in Metal 5. Ghetyrkin, N.P. Anodic-mechanical Cutting of Metals 6. Ivanov, V.K. Anodic-mechanical Machining of Brass Plates and Dies 7. Kan, B. I., and I. G. Kosmachev. Anodic-mechanical Metal Finishing 8. Gutkin, B.G. and A. L. Vishnitskiy. Controls for the Operating Regime of Electrospark and Anodic-mechanical Machine Tools 9. Alekseyev, A.V., and L.Ya. Popilov. Electric Hardening of Tools. 10. Bogorad, L.Ya. Electrochemical Metal Polishing: The booklet contains illustrations and diagrams. There are no references.

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BOGORAD, L.Ya.

PHASE I BOOK EXPLOITATION 1089

Popilov, L.Ya., Demchuk, I.S., Bogorad, I.Ya., Bogorad, L.Ya., Kaznachey, B.Ya., Belyayev, G.S., Askinazi, B.M., Zaytseva, L.P., Dyatchenko, A.P.

Elektrotekhnologiya (Electrical Methods of Processing Materials) [Leningrad] Sudpromgiz, 1952. 377 p. 5,000 copies printed.

Resp. Ed.: Slonimskiy, V.I.; Ed.: Lachininskaya, O.V.; Tech. Ed.: Frumkin, P.S.

PURPOSE: This book is intended as a practical guide for engineering and technical personnel of industrial establishments and for workers in design and planning organizations and scientific-research institutes. It may also be useful to students of vuzes and tekhnikums.

COVERAGE: The book explains the technology of processing and finishing metals and materials by electrical methods. No personalities are mentioned. There are 46 references, all Soviet.

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Bogorad, L.Ya

GLIKMAN, L.A.; BOGORAD, L.Ya.; SUPRUN, L.A.; GAKMAN, E.L.; ZHUKOVA, V.I., inzh.; red.; FREGER, A., tekhn.red.

[The effect of chrome plating on fatigue and corrosion resistance of steel] Vliianie khromirovaniia na ustalostnuiu i korrozionno-ustalostnuiu prachnost' stali. Leningrad, 1955. 9 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.84(772)) (MIRA 10:12)

(Chromium plating)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, L. YA.

137-58-1-1395

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 186 (USSR)

AUTHORS: Glikman, L. A., Suprun, L. A., Bogorad, L. Ya., Gakman, E. L.

TITLE: Effect of Chromium Plating on the Fatigue and Corrosion Fatigue Strengths of Steel (Vliyaniye khromirovaniya na ustalostnuyu i korrozionnoustalostnuyu prochnost' stali)

PERIODICAL: Tr. Tsentr. n.-i. in-ta morsk. flota, 1956, Nr 5, pp 36-42

ABSTRACT: The results of an investigation of the effects of the chromium plating procedure employed upon the fatigue strength (FS) and the fatigue corrosion strength (FCS) of specimens of Nr 35 carbon steel subjected to heat treatment are presented. When tested for FCS the midsection of the specimen was in a flowing liquid medium (3% NaCl). Seven chromium platings, differing as to plating procedure and the condition of the Cr coating, were tested. The chromium plating (C) of all the specimens was performed in a bath with an electrolyte of identical composition (in g/ℓ): CrO_3 150, H_2SO_4 1.5. It was found that C differs in its effect upon FS when tested in air, depending on the plating procedure. For specimens coated with bright and cloudy Cr, significant diminution in the FS of the parent metals was found,

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Effect of Chromium Plating on the (cont.)

which is explained by the presence in the coating of residual tensile stresses, and the positive effect of tempering at 550-600°C was confirmed, as it restored the FS almost completely. In porous chromium plating, no reduction in FS was revealed, and this is explained by the significantly diminished magnitude (due to general development of a network of cracks) of residual tensile stresses in such coating. Corrosion fatigue tests showed that C provides unsatisfactory protection against reduced FS of steel under conditions of corrosion. Tempering after C has virtually no effect on the FCS of steel: all tests revealed a comparatively small difference between the curves for corrosion fatigue of C and of non-chromium-plated specimens. A strict relationship between the corrosion strength and the number of cycles was found to exist in both categories. The use of a supplementary 2-layer Ni and Cu coating beneath the Cr does not improve the protective properties of the coating. A significant improvement in the protection against reduction in FS against corrosion of specimens covered by bright Cr was attained only with a preliminary two-hour heating of the chromium-plated specimens in flaxseed oil at 140-150°. In the opinion of the authors, the unfavorable effect of Cr coatings upon the FCS of steel is explained by the appearance of cracks in the coating under cyclic loads, these cracks serving as channels leading the corrosive medium to the parent metal.

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L. U.

1. Steel--Fatigue 2. Steel--Corrosion 3. Chromium plating--Effects

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CHEREKEZ, Mikhail Borisovich; BOGORAD, L.Ya., inzh. retsenzent; VYACHESLAVOV, P.M., dots., kand. khim. nauk, red.; GRILIKHES, S.Ya., kand. tekhn. nauk, red.; YAMPOL'SKIY, A.M., inzh., red.; SIMONOVSKIY, N.Z., red., izd-va; SOKOLOVA, L.V., tekhn. red.

[Chrome and iron plating] Khromirovanie i zheleznenie. Pod red. P.M. Viacheslavova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 84 p. (Bibliotechka gal'vanotekhnika, no.6). (Electroplating) (MIRA 11:9)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, L. Ya.

PHASE I BOOK EXPLOITATION SOV/3993

Bogorad, Isaak Yakovlevich, Lev Yakovlevich Bogorad, and Emma L'vovna Gakman

Povysheniye zashchitnoy sposobnosti blestyashchikh khromovykh pokrytiy (Improving the Protective Properties of Bright Chromium Coatings) Leningrad, 1959. 25 p. (Series: Leningrad. Dom nauchno-tekhnicheskoy propagandy. Obmen peredovym opytom. Seriya: Zashchitnyye pokrytiya metallov, vyp. 3) 3,500 copies printed.

Sponsoring Agencies: Leningrad. Dom nauchno-tekhnicheskoy propagandy, and Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Ed.: N.V. Akatova; Tech. Ed.: M.M. Kubneva.

PURPOSE: This booklet is intended for technical personnel specializing in the protective and decorative plating of machine parts.

COVERAGE: The booklet deals with a method of single-layer chrome plating of machine parts. The advantages of this type of plating over multilayer plating

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with Ni-Cu-Cr or with Cu-Ni-Cr are indicated. The inherent porosity of single-layer chrome plating is also indicated. A description is given of attempts to reduce porosity by immersing plated parts in linseed oil and other filler media to fill the pores and voids in the chromium coat by capillary action. The testing of treated parts for corrosion, wear, and fungus resistance is also described. The authors conclude that single-layer chrome plating treated with linseed oil, BF-2 glue, and ASM-3 lubricant has the same protective characteristics as a four-layer coat of Ni-Cu-Ni-Cr and shows good wear-resistance properties. The experiments and results are tabulated, and microphotographs are presented. Work on this problem was done by the Leningrad Branch, VPTI, the Zavod imeni Lenina (Plant imeni Lenin), and other scientific research institutes. No personalities are mentioned. There are 3 references, all Soviet.

TABLE OF CONTENTS: None given.

AVAILABLE: Library of Congress

AK/pw/gmp
7-28-60

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, L.Ya., inzh.

Screw and anchor piling used as electric power transmission line foundations. Energ.stroi. no.25:78-84 '61. (MIRA 15:4)

1. Rizhskoye otdeleniye Vsesoyuznogo gosudarstvennogo proyektnogo instituta "Teploelektroproyekt".
(Electric lines--Poles)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

MOLCHANOV, Vasiliy Fedorovich; VORONITSYN, I.S., kand. tekhn. nauk, dots., nauchnyy red.; BOGORAD, L.Ya., red.; KATSNEL'SON, N.Ye., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Rapid self-regulating chrome plating; characteristics of chrome plating, properties of deposits, and selection of efficient methods]Skorostnoe samoreguliruiushcheesia khromirovanis; osobennosti khromirovaniia, svoistva osadkov i vybor ratsional'nykh rezhimov. Leningrad, 1962. 59 p. (MIRA 15:12)
(Chromium plating)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, Lev Yakovlevich; GUTKIN, Ben'yamin Girshevich; SHOBIK, L.Ye., inzh., ved. red.; SHREYDER, A.V., kand. tekhn.nauk, red.; PAUTIN, N.V., inzh., red.; SOROKINA, T.M., tekhn. red.

[Wear resistant chromizing with periodic current reversal]Iznosostoikoe khromirovanie pri periodicheskom izmenenii napravleniia toka. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 23 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 13. No.M-58-245/25) (MIRA 16:3)
(Chromium plating)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

ANDRIANOV, M.I.; BOGORAD, L.Ya., red.

[Using multiple-purpose mechanized devices and iron anodes in chromium plating of die-casting molds and cutting tools in self-regulating electrolytes] Khromirovanie pressform i instrumenta v samoreguliruiushchikhsia elektrolitakh s primeneniem universal'no-mekhanizirovannykh prisposoblenii i zheleznykh anodov. Leningrad, 1964. 29 p. (MIRA 18:4)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

ZHUKOVA, Vera Ivanovna; BOGORAD, L.Ya., red.

[Protective lubricants and oils for the conservation of mechanisms and equipment] Zashchitnye smazki i masla dlia konservatsii mekhanizmov i oborudovaniia. Leningrad, 1965. 31 p. (MIRA 18:8)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, M. L.

Bogorad, M. L. "Ivan Nikolayevich Voznesenskiy (specialist in hydroturbine building, 1887-1946. Bibliography)," Trudy Leningr. politkhn. in-ta im. Kalinina, 1948, No. 2, p. 5-19 with picture

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

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, M.L.; RZHONSNITSKIY, B.N., redaktor; VORONETSKAYA, L.V., tekhnicheskiy redaktor

[Water turbines and their inventors] Vodianye turbiny i ikh sozdateli. Moskva, Gos. energ. izd-vo, 1953. 72 p. [Microfilm] (Hydraulic turbines) (MLRA 7:10)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

LOSHKAREV, M.A., kand.tekhn.nauk; BOGORAD, M.L., kand.tekhn.nauk;
SHOKHOR, G.I., inzh.

Calculation of the durability of threaded flange joints on the basis of maximum loads. Sbor. st. NIIKHIIMMASH no.21:3-8 '58. (MIRA 11:7)

(Flanges--Testing)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 17469-63 EPR/EWP(j)/EPF(c)/EWT(1)/EPF(n)-2/EWT(m)/BDS AFFTC/
ASD/IJP(C)/SSD Ps-4/Pc-4/Pr-4/Pu-4 RM/WW

ACCESSION NR: AP3004777 S/0191/63/000/008/0058/0059

AUTHORS: Bogorad, M. L.; Loshkarev, M. A.; Lipov, I. G.

TITLE: Equipment for pulsed high-temperature unilateral heating of samples

SOURCE: Plasticheskiye massy*, no. 8, 1963, 58-59

TOPIC TAGS: high-temperature heating, pulse heating

ABSTRACT: An apparatus designed to attain a temperature of 1000C in 3 sections with power not exceeding 3.3 kw, is detailed in figs. 1 and 2 of the enclosure. It is especially useful in measuring mechanical properties of materials at elevated temperatures. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 28Aug63 ENCL: 02

SUB CODE: SD NO REF SOV: 000 OTHER: 000

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APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, M.L.; LOSHKAREV, M.A.; LIPOV, I.G.

Apparatus for pulsed high-temperature unilateral heating of samples. Plast. massy no.8:58-59 '63. (MIRA 16:8)

(Testing machines)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 56291-65 EPA(s)-2/EWT(m)/EWP(w)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4
WW/EM/GS/RM

ACCESSION NR: AT5000831 S/0000/64/000/004/0355/0358

AUTHOR: Loshkarev, M. A.; Bogorad, M. L.

TITLE: Testing of glass fabric filled laminated plastics under thermal impact

SOURCE: Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh konstruk [illegible] Teplovyye napryazheniya v [illegible] [illegible] Doklady soveshchaniya, [illegible], 1964, 355-358

TOPIC TAGS: glass fabric, laminated plastic, laminated plastic impact strength, thermal failure, laminated plastic thermal stress, glass plastic, glass [illegible]

ABSTRACT: A very important problem in the use of glass fabric filled laminated plastics is one-sided heating with a sharp rise in temperature during a short time when the material has to resist thermal impact. Failure due to thermal impact is a complex function of temperature gradients, geometry of the sample, as well as the mechanical properties of the material. The present paper generalizes the results of several laboratory investigations of glass fabric filled laminated plastics under thermal impact. The sample was heated at a relatively constant rate of 300 deg/sec. on one side with the possibility of repeating the temperature cycles. The wiring diagram for the test is illustrated. When the nichrome plate was heated

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ACCESSION NR: AT5000831

to the required temperature, the circuit was disconnected and the temperature was checked by a thermocouple. A time relay in the circuit permitted a change in the duration of heating or of the thermal impact within certain [illegible] plastics reinforced by glass fiber are being used in different fields of engineering. This material has a high ratio of strength to specific gravity, as well as high thermal insulation properties. Three types of glass fabric [illegible] were tested: (SVAM) anisotropic glass fabric filled [illegible] binder, (STR) glass textolite on a polyester, and (VFT) [illegible] furfural [illegible] samples 3 mm thick were tested [illegible] machine at a rate of 16 mm/sec and were heated up [illegible] rate of 300 deg/sec, for a duration of either 15 or [illegible] results indicates that even during one-sided heating at up to [illegible] these materials retain a large proportion of their ultimate [illegible] 75%, STR up to 52% and VFT-S up to 45%. At 800C for 15 seconds the polyester binder begins to burn in all the tested plastics. Thus, [illegible] only the temperature but also the duration of heating affect [illegible] plastics. For a short time, the plastics may resist the action of very high temperatures and show a very small drop in strength. This important property of glass fabric filled laminated plastics allows them to be used as heat insulating and structural materials under thermal impact conditions. Orig. art. has: 3 figures.

Card 2/3

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 36291-65

ACCESSION NR: AT5000831

ASSOCIATION: None

SUBMITTED: 02Jun64 ENCL: 00 SUB CODE: MT, IE

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 21145-66 EWT(m)/EWP(j)/T/ETC(m)-6 WW/JW/JWD/WE/RM

ACC NR: AP6008409 (A) SOURCE CODE: UR/0374/66/000/001/0139/0142

AUTHOR: Bogorad, M. L.; Loshkarev, M. A.

ORG: Military Artillery Academy, Leningrad (Voyennaya artilleriyskaya akademiya)

TITLE: New method of creating pulse loads for investigating the dynamic stability of polymer materials

SOURCE: Mekhanika polimerov, no. 1, 1966, 139-142

TOPIC TAGS: polymer, polymer structure, specific impulse, electromotive force, magnetic field, pulse duration modulation, test model

ABSTRACT: A new method for production of pulse loads by electrodynamic forces which affect a specimen placed in a strong pulse magnetic field is suggested. The testing set, developed on the basis of the principle indicated, makes it possible to obtain pressure pulses of several hundredths of an atmosphere with pulse duration from tenths of microseconds to milliseconds. Orig. art. has: 3 figures and 5 formulas. [Based on authors' abstract.] [NT]

SUB CODE: 11, 20/ SUBM DATE: 30Aug65/ ORIG REF: 001/ OTH REF: 001/

Card 1/1 UDC: 678:530.4.019.1

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, M.Ya., inzh.-ekonomist

Efficiency of automatic control in the pulp and paper industry.
Bum.prom. 33 no.10:24 O '58. (MIRA 11:11)
(Paper industry) (Automatic control)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

21(1)

AUTHORS: Meyerson, G. A., Sokolov, D. D., Mironov, N. F., Bogorad, N. M., Pakhomov, Ya. D., L'vovskiy, D. S., Ivanov, Ye. S., Shmelev, V. M.

SOV/89-5-6-3/25

TITLE: Beryllium (Berilliy)

PERIODICAL: Atomnaya energiya, 1958, Vol 5, Nr 6, pp 624 - 630 (USSR)

ABSTRACT: The production of beryllium in the USSR is carried out by the following methods:

1) Electrolysis of Na_2BeF_4 or of a mixture of $2BeO.5BeF_2$ with barium fluoride. The beryllium obtained is not of high value either quantitatively or qualitatively.

2) Electrolysis of a mixture of molten beryllium and sodium chlorides. By this method Be with the following impurities is obtained:

Fe	0.01 to 0.02 %	Cu	0.02 to 0.07 %
Mn	0.001 %	Si	0.01 %
Ni	0.02 to 0.05 %	Cr	< 0.003 %

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3) Reduction of beryllium fluoride with metallic magnesium. The purity of the beryllium produced in this manner is characterized by the following impurities:

Fe	0.08 to 0.10 %	Mn	0.01 to 0.02 %
Al	0.02 to 0.03 %	Cu	0.003 to 0.005 %
Si	0.01 to 0.03 %	Ni	0.003 to 0.005 %

4) Vacuum distillation.

The beryllium produced in this manner is the purest of all and contains only the following impurities:

Fe	0.005 %	Ni	0.003 %
Al	0.003 %	Cr	0.005 %
Cu	0.004 %	Mn	0.002 %

The production of metal-ceramic single parts is characterized by the following methods and parameters:

a) By Vacuum hard-pressing (10^{-2} to 10^{-3} torr) it is possible to produce large single parts or parts having a maximum density of 1.85 g/cm^3 and being of fine-grained structure as

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well as having mechanical properties that are equal in all directions. At 1120-1150° C the amount of pressure applied amounts to from 50 to 30 kg/cm^2.
b) Hot-pressing in air requires increased pressure values of from 100 to 150 kg/cm^2.
c) For the production of single parts of great density and strength hot-pressing is carried out in metal press molds in air at from 550 to 600° C and at a pressure of 4-5 t/cm^2.
d) Production of single parts with a density of from 1.75 to 1.82 g/cm^3: Beryllium powder is pressed with 10-15 t/cm^2 pressure, annealed in a vacuum at 1180-1200° C, and is then subjected to subsequent treatment at normal temperature and a pressure of 10-15 t/cm^2 or at 500-550° C and at a pressure of 8-10 t/cm^2.
The properties of beryllium vary within a large domain in dependence on purity and structure (according to B. A. Sidorov and M. I. Stepanov, collaborators at the laboratory of N. N. Davidenkov). The results obtained by means of mechanical

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investigations show that the latter depend to a considerable extent on processing and on the condition of the surface. Beryllium parts are easy to grind. The refractoriness of beryllium in air is very high. After annealing for several hundred hours at 500° C it does not decay. At 1000° C, however, the surface begins to be covered with a thick and soft oxide layer already after one hour. The stability of beryllium with respect to water is quite satisfactory. Technical beryllium contains various inclusions also after the first vacuum-casting, which, above all, cause the leakage of gas. In order to avoid this it is advisable to combine vacuum-casting with simultaneous centrifuging (Ye. S. Ivanov, V. M. Shmelev).

A crucible of beryllium oxide is evacuated up to 1.10^{-4} torr after having been filled with pieces of beryllium and closed by means of a beryllium-oxide stopper. The crucible is heated to a temperature of 800-900° C. The furnace is filled now with argon (30-50 torr) and the metal is heated to a temperature of 1450-1470°. The crucible is kept at this temperature for five minutes, after which its contents is emptied into a rotating graphite mold. The single beryllium parts produced in this

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Beryllium

SOV/89-5-6-3/25

manner attain a density of from 1.82 to 1.84 g/cm^3, which indicates that only very few inclusions exist in the cast individual parts. There are 5 figures, 1 table, and 4 references, 1 of which is Soviet.

SUBMITTED: August 19, 1958

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 58404-65 EWP(e)/EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b) Pf-4 IJP(c)

ACCESSION NR: AP5016930 JD/JG UR/0008-65/018/006/0608/0616
546.65.001.2

AUTHOR: Davidenkov, N. N. (Deceased); Sidorov, B. A.; Shestopalov, L. M.; Mironov, N. F.; Bogorad, N. M.; Izhvanov, L. A.; Kostogarov, S. [illegible]

TITLE: Investigation of the mechanical properties of beryllium

SOURCE: Atomnaya energiya, v. 18, no. 6, 1965, 608-616

TOPIC TAGS: beryllium, sintered beryllium, cast beryllium, extruded beryllium, beryllium mechanical property

ABSTRACT: Beryllium powders, 99.02—99.59% pure with a particle size of -500 or -50 μ, obtained by reduction of beryllium fluoride with magnesium, vacuum distillation, or electrolysis of beryllium chloride, were consolidated by cold compacting and vacuum sintering, hot compacting in air or in a vacuum [illegible] and centrifugal casting. A part of the specimens was additionally extruded at 450—500C with a reduction of 75%. The density of metal varied from [illegible] g/cm³ for cold-compacted and sintered specimens to almost the theoretical for hot-compacted or extruded specimens. It was found that at 20C the elongation and reduction of area did not exceed 5%. The ductility of sintered beryllium increased sharply with increasing temperature to a maximum at 400—500C, and then decreased. The strength and ductility of hot-compacted beryllium powders increased with decreasing particle

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ACCESSION NR: AP5016930

size. Electrolytic and distilled beryllium is more ductile than that obtained by reduction with magnesium. Beryllium extruded from hot-compacted powders with a grain size of ~50 μ (the mean grain size 20—25 μ) had the highest strength and ductility at both room and elevated temperatures (up to [illegible]). At room temperature the tensile strength was 45 kg/mm², the [illegible] 48 kg/mm², the elongation--3.6% and the reduction in area [illegible]. At the temperature of maximum ductility, the elongation and reduction of area was [illegible] and [illegible], respectively. Mechanical properties of sintered and of hot-compacted beryllium differed only slightly. But, generally, nonextruded, sintered and hot-compacted beryllium had comparatively low strength and ductility. However, after extrusion the strength and ductility increased by 2—3 times; the yield strength increase was [illegible] pronounced. Cast beryllium was more brittle than beryllium prepared by the powder-metallurgy method; it remained brittle even with heating to 400°. The values of the strength and ductility obtained in compression tests were [illegible] than those obtained in tension tests. Orig. art. has: 14 figures [illegible]

ASSOCIATION: none

SUBMITTED: 12Jun64 ENCL: 00 SUB CODE: MM, IC

NO REF SOV: 003 OTHER: 006 ATD PRESS: 4042

Card 2/2 [illegible]

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, S. B.

Tuberculosis of the stomach in children. Vest. Khir. Grekova 70 no.4:45-47 1950 (CIML 20:1)

1. Of the Surgical Division of the Children's Hospital imeni Pasteur (Head of Surgical Division -- S. V. Bogorad; Head Physician -- A. M. Gorfunkel').

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BOGORAD, S. I.

34205. Obokhrane zreniya slabovid yashchikh detey. Sov. meditsina, 1949, No. 11, s. 19-20.

SO: Knizhnaya Letopis' No. 6, 1955

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, SAMUIL ISAKOVICH, COMP.

N/5
633.5
.B67

Problema sna; khrestomatiynyy sbornik (The problem of sleep; anthological symposium, ed. by E. A. Asratyan, et al) Moskva, Medgiz, 1954.
620 p. illus., port.,tables.
"Bibliografiya": p. 583-602

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, S.V.

Acute intestestinal obstruction in children. Vest.khir.76 no.8: 29-36 S '55. (MLRA 8:11)

1. Iz khirurgicheskogo otdeleniya detskoy bol'nitsy im. L. Pastera glavvrach--A.N.Aksenova) Leningrad, 25, Nevskiy pr. d. 69, kv.8.
(INTESTINAL OBSTRUCTIONS, in inf. and child
mortal. & management)
(VITAL STATISTICS
child mortal. of intestinal obstruct.)

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BOGORAD, V. B.

BOGORAD, V. B. -- "Fish and Fish Farm Usr of the Reservoirs of the Khoperskoye State Forest Preserve." Sub 26 Jun 52, Moscow Oblast Pedagogical Inst. (Dissertation for the Degree of Candidate in Biological Sciences).

So: Vechernaya Moskva January-December 1952

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

ZAMARAYEV, V.N., dots.; OSTROUMOV, V.G., dots.; BOGORAD, V.B., red.; MAKHOVA, N.N., tekhn. red.

[Programs of pedagogical institutes; histology with the elements of embryology] Programmy pedagogicheskikh institutov; gistologiia s osnovami embriologii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1955. 7 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye podgotovki uchiteley.

(HISTOLOGY)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, V.B., red.; MIRONTSEVA, M.I., tekhn. red.

[Programs of pedagogical institutes; plant physiology and the elements of microbiology] Programmy pedagogicheskikh institutov; fiziologiia rastenii s ovnovami mikrobiologii. [Moskva] Uchpedgiz, 1955. 14 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy.
(Botany—Physiology—Study and teaching)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

GENKEL', P.A., prof.; SKAZKIN, F.D., prof.; BOGORAD, V.B., red.; MIRONTSEVA, M.I., tekhn. red.

[Programs of pedagogical institutes; summer field work in plant physiology for natural science faculties] Programmy pedagogicheskikh institutov; letniaia uchebnopolevaia praktika po fiziologii rastenii dlia fakul'tetov estestvoznaniia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1955. 15 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy.
(Botany—Physiology—Study and teaching)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

NAUMOV, S.P., prof.; GILYAROV, M.S., prof.; BANNIKOV, A.G., prof.; BOGORAD, V.B., red.; MIRONTSEVA, M.I., tekhn. red.

[Programs of pedagogical institutes; zoology for natural science faculties] Programmy pedagogicheskikh institutov; zoologiia dlia fakul'tetov estestvoznaniia. [Moskva] Uchpedgiz, 1955. 32 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy.
(Zoology—Study and teaching)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

STUDITSKIY, Aleksandr Nikolayevich, doktor biolog. nauk; BOGORAD, V.B., red.; NEKHLYUDOVA, A.S., red.; SAVCHENKO, Ye.V., tekhn. red.

[Cells] Kletka. Moskva, Izd-vo "Znanie," 1961. 34 p. (Narodnyi universitet kul'tury: Fakul'tet estestvennonauchnyi, no.14) (MIRA 14:12)

(CELLS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KABANOV, Aleksandr Nikolayevich, doktor meditsinskikh nauk;
MARKOSYAN, Akop Artashesovich, doktor biolog, nauk;
FARFEL', Vladimir Solomonovich, doktor biolog. nauk;
BOGORAD, V.B., red.; NEKHLYUDOVA, A.S., red.; SAVCHENKO,
Ye.V., tekhn. red.

[Life and the structure of the human body] Zhizn' i stroenie
chelovecheskogo organizma. Moskva, Izd-vo "Znanie," 1961. 34 p.
(Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet,
no.17) (MIRA 15:1)
(BODY, HUMAN)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

OSIPOVSKIY, Aleksandr Ivanovich; ULISSOVA, Tat'yana Nikolayevna; BOGORAD, V.B., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Textbook of biology]Uchebnik biologii. Moskva, Medgiz, 1962. 298 p. (MIRA 15:11)
(BIOLOGY)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGOROD, Viktor Borisovich; NEKHLYUDOVA, Alla Sergeyevna; GENKEL', P.A., doktor biol. nauk, red.; PRAVDIN, F.N., doktor biol. nauk, red.; KHUNTSKARIYA, Ye.N., red.; SHONIYA, A.L., red.; KOZLOVSKAYA, M.D., tekhn. red.

[A concise dictionary of biological terms] Kratkii slovar' biologicheskikh terminov. Moskva, Uchpedgiz, 1963. 236 p. (MIRA 16:4)

(BIOLOGY--DICTIONARIES) (RUSSIAN LANGUAGE--DICTIONARIES)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KARUZINA, Irina Petrovna; BOGORAD, V.B., red.; BUKOVSKAYA, N.A., tekhn. red.

[Textbook of biology] Uchebnik biologii. Moskva, Medgiz, 1963. 331 p. (MIRA 16:10)

(BIOLOGY)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

TODES, O.M., prof.; ZVYAGIN, B.M., dots.; BOGORAD, Ye.A., nauchnyy sotrudnik

Petrographic method of determining the true size of impurities. Izv.vys.ucheb.zav.; gor.zhur. no.4:125-128 '58. (MIRA 11:11)

1. Leningradskiy gornyy institut i Institut goryuchikh iskopayemykh AN SSSR.

(Coal preparation)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

REMESNIKOV, I.D. (Moskva); BOGORAD, Ye.A. (Moskva)

Effect of magnetic additions on the efficiency of the magnetic separation of coal. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:133-136 S-O '61. (MIRA 14:10)
(Coal preparation) (Magnetic separation of ores)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

REMESNIKOV, I.D. (Moskva); BOGORAD, Ye.A. (Moskva); MIKHAYLOVA, N.N. (Moskva)

Distribution of mineral compounds of iron in the products of the magnetic separation of Kuznetsk Basin coals. Izv.AN SSSR. Otd.tekh.nauk. Met.i topl. no.4:162-164 Jl-Ag '62. (MIRA 15:8)
(Magnetic separation of ores) (Iron compounds)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

REMESNIKOV, I.D.; MIKHAYLOVA, N.N.; Prinimali uchastiye: BOGORAD, Ye.A.; ZAYTSEV, I.F.; SEDOVA, L.N.; DEL'NIKOVA, K.N.

Effect of magnetic additions of various sizes on the preparation of coal and its dedusting. Trudy IGI 20:20-27 '63. (MIRA 17:8)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, Yu. D.,

"From the Pages of the West German Journal'Polarforschung'", Chronicles of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North, v. 2, Moscow, Geografgiz, 1957, 279 p. (Akademiya nauk SSSR. Kommisiya po problemam Severa).

Editorial Board: Andreyev, A. I., Belov, M. I., Burkhanov, V. F., Yefimov, A. V. (Resp. Ed.), Chernenko, M. B. (Deputy Resp. Ed.) and Shcherbakov, D. I.; Ed.: Vorontsova, A. I.; Tech. Ed.: Kosheleva, S. M.; Map. Ed.: Mal'chevskiy, G. N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the Soviet North. A small part of the book devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and the economy of the Soviet North through a historical survey of these factors. A large number of authors, explorers, scientists, travellers, pilots, navigators, etc., are cited.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAD, YU. D.

BOGORAD, Yu.D.

Glancing through the West German periodical "Polarforschung" [polar research]. Let. Sev. 2:255-257 '57. (MIRA 10:12)
(Germany, West--Arctic regions--Periodicals)
(Antarctic regions--Periodicals)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

POLITOV, Oleg Aleksandrovich; BOGORAD, Yu.D., nauchn. red.;
NANKIN, M.B., red.

[Drilling tool for drilling deep oil and gas wells; digest of foreign patents] Burovoi instrument dlia bureniia glubokikh neftianykh i gazovykh skvazhin; obzor inostrannykh patentov. Moskva, TsNIIPI, 1964. 24 p. (MIRA 18:3)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 27934-66 EWP(f)/EPF(n)-2/T-2/ETC(m)-6 WW

ACC NR: AP6017727 SOURCE CODE: UR/0114/65/000/005/0001/0004

AUTHOR: Kuznetsov, L. A. (Doctor of technical sciences); Bogoradovskiy, G. I. (Engineer); Krinskiy, A. A. (Engineer); Kuznetsov, A. L. (Candidate of technical sciences); Mal'tsurov, I. I. (Engineer)

ORG: none

TITLE: Basic results of tests on an experimental-industrial sample of the GT-750-6 gas turbine unit of NZL

SOURCE: Energomashinostroyeniye, no. 5, 1965, 1-4

TOPIC TAGS: gas turbine, industrial blower, gas flow/GT-750-6 gas turbine, 370-12-1 industrial blower

ABSTRACT: This paper describes tests on the GT-750-6 gas turbine unit designed and built in 1963-1964 at NZL (Nevskiy Machine-Building Factory) and intended to drive a 370-12-1 centrifugal blower at the pumping stations of gas mains.

Some of the constants of the gas turbine are: Temperature of the gas ahead of the high pressure turbine 750° C; power at the blower coupling 6000 kw; fuel consumption 1.93 tons/hr; rpm of main shaft 5,600; degree of regeneration 0.70; efficiency of the unit 27.0%; gas flow through the turbine 190 tons/hour. The paper gives curves of temperatures, pressures, efficiencies and outputs for various operating conditions. Orig. art. has: 6 figures and 7 formulas. [JPRS]

SUB CODE: 13, 20 / SUBM DATE: none / ORIG REF: 002

UDC: 621.438.001.45

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORATS, M.I., inzh.

New scraper winches and pulleys. Gor. zhur. no.1:55-59 Ja '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Gipronikel'", Leningrad.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODETSKIY, A.A., kand. tekhn. nauk

Immersion section method and the possibility of using it in the construction of underwater city tunnels in Leningrad. Sbor. trud. LIIZHT no.195:230-238 '62. (MIRA 16:8)

(Tunneling)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODETSKIY, A. A., kand. tekhn. nauk

Construction of the first railroad tunnels in Russia.
Transpstroi 13 no. 11:70-72 N '63. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KUZNETSOV, L.A., doktor tekhn. nauk; ANDREYEV, V.I.;
BOGORADOVSKIY, G.I.; BURDIN, A.A.; KRINSKIY, A.A.;
FAYNSHTEYN, A.A.; SHABASHOV, S.Z.

[The GT-700-5 gas turbine system] Gazoturbinnaia ustanovka GT-700-5. Moskva, Mashinostroenie, 1964. 190 p.
(MIRA 17:5)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

L 62814-65 EWT(m)/EWP(w)/EWP(f)/EWP(v)/T-2/EWP(k)/ETC(m) Pf-4 WW/EM

ACCESSION NR: AP5019092 UR/0286/65/ 621.438—710:621.438—251—752

AUTHOR: [illegible] Burlin, A. A., Bogoradovskiy, [illegible]

TITLE: Turbine rotor. Class 46, No. 172160

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 111-112

TOPIC TAGS: turbine, turbine rotor, turbine cooling, turbine design

ABSTRACT: This Author Certificate introduces a turbine rotor having blades with elongated roots in which holes have been drilled to provide a passage [illegible] cooling air. Ring-shaped inserts are used to seal the cooling circuit. To reduce blade oscillations, the inserts' ring elements are freely mounted in grooves in the blade and interconnected by overlaps. [AC]

ASSOCIATION: Nevskiy mashinostroitel'nyy zavod imeni V. I. Lenina [illegible]

SUBMITTED: 30Jul64 ENCL: 00

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4056

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KUZNETSOV, L.A., doktor tekhn. nauk; BOGORADOVSKIY, G.I., inzh.; KRINSKIY, A.A., inzh.; KUZNETSOV, A.L., kand. tekhn. nauk; MAL'TSUROV, I.I., inzh.

Principal results of the tests of an experimental industrial GT-750-6 gas turbine system. Energomashinostroenie 11 no.5: 1-4 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KUZNETSOV, L.A., kand.tekhn.nauk; KRINSKIY, A.A., inzh.;
BOGORADOVSKIY, G.O., inzh. BURDIN, A.A., inzh.

GT-700-5 gas turbine system. Energomashinostroenie 7 no.5:1-6
My '61. (MIRA 14:8)
(Gas turbines)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODINSKIY, D.K.

Syndrome of simultaneous bilateral obstruction of the posterior cerebral artery. Zhur.nevr.i psikh. 61 no.10:1437-14443 '61. (MIRA 15:11)

1. Kafedra nervnykh bolezney Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.

(BRAIN--BLOOD SUPPLY) (THROMBOSIS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODINSKIY, D.K.; SUVOROV, G.P.

Clinical aspects of craniovertebral tumors. Zhur. nevr. i psikh. 61 no.4:497-500 '61. (MIRA 14:7)

1. Kafedra nervnykh bolezney (zav. - prof. D.K.Bogordinskiy) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.
(NERVOUS SYSTEM—TUMORS)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODINSKIY, D. K.; MYSHKOVSKAYA, V. A. (Leningrad)

Malignant connective tissue tumors of intracraniovertebral (craniospinal) localization. Arkh. pat. no.12:73-76 '61. (MIRA 15:7)

1. Iz kafedry nervnykh bolezney I Leningradskogo meditsinskogo instituta imeni I. P. Pavlova.

(MEDULLA OBLONGATA—CANCER)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODINSKIY, D.K.; RAZORENOVA, R.A.; KRIVOSHEINA, A.N.; SKOROMETS, A.A.

Syndromes of disorder in the blood circulation of the spinal cord. Vop. psikh. i nevr. no.9:24-40 '62. (MIRA 17:1)

1. Kafedra nervnykh bolezney (zav. - prof. D.K. Bogorodinskiy) 1-go Leningradskogo meditsinskogo instituta imeni Pavlova.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

TRIUMFOV, A.V. [deceased]; BOGORODINSKIY, D.K.

100th anniversary of the Leningrad Society of Neuropathologists and Psychiatrists; activities of the neurological section. Vop. psikh. nevr. no.10:5-16 '64.

(MIRA 18:12)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KAL'NITSKIY, Ya.B., kandidat tekhnicheskikh nauk; MEL'NIKOV, N.V., inzhener-konstrukter; BOGORATS, M.I., inzhener-konstruktor.

Standardizing scraper equipment. Gor.zhur. no.4:31-38 Ap '56. (MIRA 9:7)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut Gornometallurgicheskogo tresta.

(Mining machinery)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

KAL'NITSKIY, Yakov Borisovich, kand. tekhn. nauk; BOGORATS, Mikhail Iosifovich, inzh.; TIKHONOV, N.V., otv. red.; SILINA, L.A., red.izd-va; OVSEYENKO, V.G., tekhn. red.

[Scraper units for mining operations]Skrepernye ustanovki dlia podzemnykh rabot. Moskva, Gosgortekhizdat, 1962. 182 p. (MIRA 15:12)

(Mining machinery)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAZ, B.A. inzhener

Problem of mold strength. Stal' 15 no.4:362-363 Ap '55.
(MLRA 8:6)

1. Stalinskiy metallurgicheskiy zavod
(Foundry machinery and supplies) (Cast iron)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAZ, N.A.; BARG, TS.M.

[Productive life of Vladimir Petrovich Filatov] Tvorcheskii put' akademika Vladimira Petrovicha Filatova. Vest.khir. 70 no.1:3-7 '50. (CLML 19:1)

1. Of the Ukrainian Experimental Institute for Eye Diseases imeni Academician Filatov, 49-51 Proletarskiy Boulevard, Odessa.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORAZ, Yu.

9

Chlorination of tungsten ores with liquid sulfur chlorides. Ya. D. Fridman and Yu. Bogoraz. *J. Applied Chem.* (U.S.S.R.) 19, 833-40 (1946) (in Russian).—Chlorination, at 100° for 1 hr., of a scheelite concentrate with 71% WO_3, 1 g., with various fractions of liquid S chlorides prepd. by action of dry Cl_2 gas on S at 40-90°, gave highest yields in W chlorides with fractions b. 120-130°, d. 1.62-1.68, Cl 56-61. Aging reduces the chlorinating ability of the reagent (from 6.22 to 1.27% per g. WO_3 after 37 days). Products are $CaCl_2$ and $WOCl_4$, chocolate-brown prismatic needles, b. 200-250°; the outgoing gas contains SO_2. With a const. amt., 5.1 g. S_2Cl_2 of Cl 54, per 1 g. WO_3-contg. ore or concentrate, at 100°, for 1 hr., the yield y in W chlorides is very high with material poor in W, very low with W-rich material, generally the higher the greater the ratio $Cl:WO_3$, without, however, there being any direct relation; while products with 0.16 and 0.6% WO_3 gave y 94.0 and 82.0, scheelite, and wolframite concentrates with WO_3 71.0% (7.2 g. Cl used per g. WO_3) gave y 3.4 and 3.6; the yield varies considerably with the nature of the material. On more prolonged chlorination, y increases some what (e.g., to 7.6 after 5 hrs. with the scheelite concentrate), tending to a limit which, however, remains well below 100%; extn.; with the wolframite, y reached only 5.4, with an artificial mixt. $CaWO_4$ 81.4 + $CaCO_3$ 81.9 (WO_3 5.2, using 98.07 g. Cl per g. WO_3), y reached 38.5, 46.6, 57.7, 62.5 in 1, 2, 3, 5 hrs., resp. Sulfides in the ore depress y, example: the above $CaWO_4$ + $CaCO_3$ mixt. + FeS 0, 2.88, 9.01, 19.2 g. g. WO_3, y = 38.5, 21.6, 14.4, 12.5. On account of the slight dissocn. of S_2Cl_2 at 100°, the mechanism of the process is represented as: $24\,S_2Cl_2 = 12\,SCl_2 + 12\,Cl_2$; $12\,Cl_2 + 4\,MeWO_4 = 2MeCl_2 + 4\,WOCl_4 + 12\,O$; $12\,O + 3\,S_2Cl_2 = 6\,SO_2 + 3Cl_2$; $3\,Cl_2 + MeWO_4 = MeCl_2 + WOCl_4 + 3\,O$, etc., i.e., the chlorination is brought about by the relatively slight admixt. of SCl_2, not by the main constituent S_2Cl_2 which only serves to regenerate Cl_2 in the chain; the process is bound to stop when SCl_2 is exhausted, i.e., long before completion of the extn. N. Thon

LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGATYREV, A.F., inzh.; BOGORIDOV, A.S.

"Analysis of production planning and industrial management of building organizagions" by M.I.Kaspe, I.S.Oganesov. Reviewed by A.F.Bogatyrev, A.S.Bogoridov. Transp.stroi. 10 no.7: 57-58 Jl '60. (MIRA 13:7)

(Construction industry—Management)
(Kaspe, M.I.) (Oganesov, I.S.)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205930003-9

BOGORODINSKIY, D.K.

MAGRUPOV, A. I. , BOGORODINSKIY, D. K., and ZNOYKO, Z. V.

"On the problem of the Pathological Anatomy of Dzhoylangar Encephalitis." Dokl, AN Uzb. SSR, No 9, pp 39-43, 1953

The authors made macro- and microscopic investigations of the brain and spinal cord, the peripheric nerves and sympathetic ganglia of nine people who had died of encephalitis, known as Dzhoylangar encephalitis from the Central Asian village of Dzhoylangar where the disease had first been observed.

Symptoms of the disease are described. The authors found the small nerve cells of the brain stem and spinal chord badly affected. Exsudation and proliferation were symptoms of a slight degeneration. The morphological character of the described encephalitis can be measured from the proliferations of the glia and from infiltrations around the blood vessels. (RZhBiol, No 7, 1954)

SO: Sum, No. 606, 5 Aug. 55

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Clinical aspects of obliteration of the superior cerebellar artery. [with summary in French]. Zhur.nevr. i psikh. no.9:1042-1049 '58

1. Kafedra nervnykh bolezney (zav. - prof.. D.K. Bogorodinskiy) I-go Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.
(CEREBELLUM, blood supply,
superior cerebellar artery thrombosis (Rus))
(THROMBOSIS, case reports
superior cerebellar artery (Rus))

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1. Kafedra nervnykh bolezney (zav. - prof. D.K. Bogorodinskiy) I Leningradskogo meditsinskogo instituta im. I.P. Pavlova.
(SPINE neoplasms)
(SKULL neoplasms)
(SPINAL CORD neoplasms)

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(Emba Valley--Petroleum--Analysis)

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Geochemical characteristics of Carboniferous sediments in the Tengiz Depression. Avtoref. nauch. trud. VNIGRI no.17:54-61 '56. (MIRA 11:6)

(Tengiz Depression--Rocks, Sedimentary)

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