ACCESSION NR: AR4033715 S/0081/64/000/003/S078/S078

SOURCE: Referativnyy zhurnal. Khimiya, Abs. 3S450

AUTHOR: Andreyev, G. Ya.; Sherzhukov, G. Ye.; Shevchenko, V. Ya.; Dardyk, Ya. I.

TITLE: New technique and equipment design for the preparation of glass-reinforced plastic pipe by a continuous method

CITED SOURCE: Nauchn. tr. Khar'kovsk. gorn. in-t, v. 12, 1962, 126-136

TOPIC TAGS: pipe manufacture, plastic pipe, glass reinforced pipe, glass reinforced plastic pipe

ABSTRACT: The essence of the new technique is that layers of longitudinal and transverse-glass fibers, impregnated with a binder during the process, are placed on a small length in the shaping zone of a pitch mandrel. To effect longitudinal movement of the pipe, the mandrel is composed of separate longitudinal sections, forming a cylinder when assembled, and able to move forward and backward. The sections move synchronously in the axial direction and cause the pipe to move along, after which each section is extracted from the pipe to return to its initial position, while the backward motion of the pipe is checked. The use of different variations of the assembly design permits manufacture of pipes with varying wall

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ACCESSION NR: AR4033715

thickness (from 0.5 to 1.5 mm) and a conical outer surface, while the use of changeable pitch mandrels ensures the production of pipes of varying internal diameter (75, 100, 125, 150, 300 mm) and length (as required). The productivity is up to 30 m/hr. Diagrams, technical characteristics, a description of the assembly and the advantages of its employment are given.

DATE ACQ: 02Apr64 SUB CODE: IE, MA ENCL: 00

Card 2/2

L 52988-65 EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4/Pt-7 WW/RM

ACCESSION NR AM5009845 BOOK EXPLOITATION S/ 43 B+1

Andreyev, Georgiy Yakovlevich; Sherzhukov, Geliy Yefimovich; Shevchenko, Valentin Yakovlevich, Dardyk, Yakov Iosifovich

Production of glass fiber reinforced plastic pipes (Izgotovleniye stekloplastikovykh trub), Khar'kov, Izd-vo Khar'kovskogo univ., 1964, 98 p. illus., biblio, 9,000 copies printed.

TOPIC TAGS: glass fiber, reinforced plastic, tube

PURPOSE AND COVERAGE: This book presents the technology of continuous fabrication of glass fiber reinforced plastic tubes developed in the Khar'kov Mining Institute. It describes in detail the equipment for producing tubes by the continuous method. The reader can more fully conceive of the newness and advantages of this method of fabricating glass fiber reinforced plastic tubes from the review of present methods in the USSR and abroad. At the same time, the book presents information on the various types of glass fillers and binders in use in the production of glass fiber reinforced plastics. The book is intended for a wide audience of engineers, technicians, workers in research and design institutions, students in VUZI and technicums, and production innovators.

Card 1/2

L 52988-65

ACCESSION NR AM5009845

TABLE OF CONTENTS[abridged]:

SUBMITTED: 26Mar64 SUB CODE:MT

NR REF SOV: 007 OTHER: 006

Card 2/2

SHESHEBAROV, A.K., inzh.; FLAKSMAN, S.A., inzh.

Simplified checking of the auxiliary drive in the arc-quenching chambers of MKP switches. Energetik 9 no.12:21-22 D '61. (MIRA 15:1)

(Electric switchgear)

TABAKOV, I.; SHESHEDZHIEVA, E.

Local urethral anesthesia with dicaine-carbol-glycerin unguent (dicagel). Khirurgiia, Sofia 11 no.4:362-364 1958.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite - Sofiia urologichna klinika Direktor: prof. A. Chervenakov Tsentralna apteka Zav. aptekata: E. Shechedzhieva.

(ANESTHESIA, LOCAL,
dicaine-carbol-glycerin unguent in cystoscopy in male (Bul))
(CYSTOSCOPY, anesthesia & analgesia,
anesth., local, with dicaine-carbon-glycerin unguent in male (Bul))

SHESHEGOVA, L. I.

Cand Geol-Min Sci - (diss) "Fossil plants of the Nikitin deposits of the Kuzbass." Novosibirsk, 1961. 10 pp; 2 pages of tables; (Academy of Sciences USSR, Siberian Division, Inst of Geology and Geophysics, Joint Academic Council on Geological-Mineralogical, Geophysical, and Geographical Sciences); 150 copies; price not given; (KL, 5-61 sup, 181)

SHESHEGOVA, L.I.

New species of fossil plants in the Il'ya series of the Kuznetsk Basin. Geol. i geofiz. no.3:106-111 '61. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Kuznetsk Basin--Paleobotany)

GOR, Yu.G.; GUREVICH, A.B.; SHESHEGOVA, L.I.

Analogues of the Kuznetsk series in the Noril'sk region. Izv. AN SSSR. Ser. geol. 30 no.6:92-94 Je '65. (MIRA 18:6)

1. Laboratoriya geologii uglya Instituta geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk, i Institut geologii Arktiki, Leningrad.

SHESHEL'GENE, S. A., Cand of Agric Sci -- (diss) "Comparative Harvestability and Economical Efficacy of Certain Ensilage Crops and Root Crops in Semi-heavy Soils of Lithuanian SSR," Kaunas, 1959, 28 pp (Lithuanian Agricultural Academy) (KL, 4-60, 122)

BASKUTIS, P., prof., red.; YANITSKIS, I.[Janickis,I.], doktor khim. nauk, prof., red.; VIDMANTAS, Yu.[Vidmantas, J.], prof., otv. red.; STANAYTIS, I.[Stanaitis, I.], starshiy prepodavatel'., red.; BRAYNIN, S., kand. istor. nauk, dots., red.; INDRYUNAS, I., [Indriunas, I.], doktor tekhn. nauk, prof., red.; LASINSKAS, M., kand. tekhn. nauk, red.; NOVODVORSKIS, A., kand. tekhn. nauk, dots., red.; PESIS, R.[Pesys, R.], kand. tekhn. nauk, dots., red.; SADAUSKAS, T., dots., red.; SHESHEL'GIS, K.[Seselgis, K.], kand. arkh. dots., red.; VASAUSKAS, S., kand. tekhn. nauk, dots., red.; ZDANIS, Yu. [Zdanis, J.], kand. tekhn. nauk, red.; GRIGALYUNAS, B. [Grigaliunas,B], red.; EYTUTIS, V.[Eitutis, V.], red.; VIDMANTAS, Yu.[Vidmantas,J.], red.; NAUYOKAS, I. [Naujokas,I.], tekhn. red.

[Materials of the 5th Scientific Technical Conference of Students of Institutions of Higher Learning of the White Russian S.S.R., Latvian S.S.R., Lithuanian S.S.R. and Estonian S.S.R.] Trudy Nauchno-tekhnicheskoi konferentsii studentov vysshikh uchebnykh zavedenii Belorusskoi SSR, Latviiskoi SSR, Litovskoi SSR i Estonskoi SSR, 5th. Kaunas, Izd. Kaunasskogo politekhn. in-ta, 1961. 205 p. (MIRA 14:12)

1. Nauchno-tekhnicheskaya konferentsiya studentov vysshikh uchebnykh zavedeniy Belorusskoy SSR, Latviyskoy SSR, Litovskoy SSR i Estonskoy SSR, 5th.
(Science—Congresses) (Technology—Congresses)

SHESHENEV, A.A.

Reorganization of public health in rural areas of Voronezh Province. Gig. i san. 23 no.6:37-41 Je '58 (MIRA 11:7)

1. Iz Voronezhskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.
(PUBLIC HEALTH
in Russia, in rural areas (Rus))
(RURAL CONDITIONS,
health serv. reorganiz. (Rus))

SHESHENEV, A.A.

Voronezh Province congress of sanitary inspectors, epidemiologists, microbiologists, and specialists in communicable diseases. Zdrav. Ros.Feder. 3 no.1:42-43 Ja '59. (MIRA 12:2)
(VORONEZH PROVINCE--PUBLIC HEALTH--CONGRESSES)

SHESHENEV, A.A.

Physicians' meeting. Zdrav.Ros.Fed. 3 no.10:45 O '59. (MIRA 13:1)

(VORONEZH--MEDICAL PERSONNEL)

SHEVCHENEV, M. F.

5
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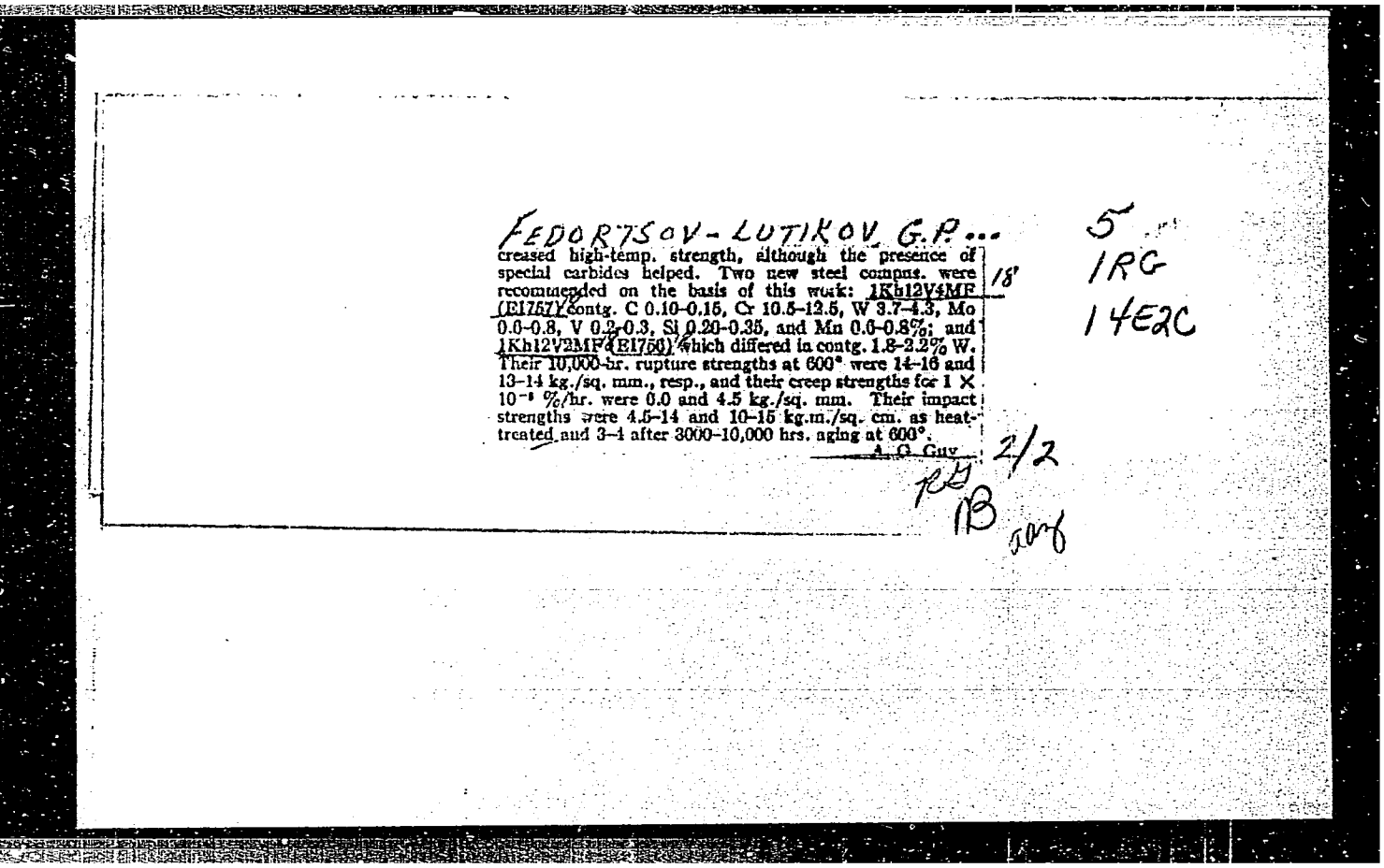
Effect of alloying elements on the high-temperature strength properties of chromium stainless steels. G. P. Fedortsov-Lutikov and M. F. Shevchenev. *Metalloved i Obrabotka Metallov* 1955, No. 6, 2–16.—The aim of the research was to produce a nonaustenitic steel, not contg. Ni, for use at 600° in steam-turbine blades. The basic analysis of C 0.10–0.15, Cr 10–12, Mo 0.6–0.8, and V 0.15–0.25% was chosen on the basis of previous British and American work. The effects of single addns. of V 0.23–0.93, Nb 0.15–0.71, Ti 0.13–0.55, W 0.32–3.90, or W 0.80–3.4% with 0.35% Nb and 0.9% Ni were studied. Twelve-kg. ingots produced by induction melting were forged into bars. The bars were oil quenched after being heated at 1050° for 1 hr. and were tempered for 3 hrs. at 650° followed by air cooling. The grain sizes were in the range 6–8. The mech. properties at 20, 600, and 630° were plotted as a function of alloy content. The creep rate of the base compn. was decreased by 0.3% V, but was increased by 1.0% V. It was also decreased by Nb and W, but was unchanged by Ti. Extensive analyses were given of carbide residues obtained from the heat-treated steels and from steels aged 10,000 hrs. at 600°. The analyses of the ferrites were also tabulated. Rupture tests were carried out at 600° with a stress of 11 kg./sq. mm. For specimens that failed to break in 1000 hrs. the stress was raised to 20 or 25 kg./sq. mm. The 3.4% W alloy with Nb and Ni had the best properties with a 10,000-hr. strength of 18 kg./sq. mm. Although Nb increased the tensile strength of the alloy contg. about 4% W, it decreased the impact strength and made heat-treating more difficult. Strengthening of the ferrite was the principal cause of in-



FEDORTSOV-LUTIKOV, G.P...

creased high-temp. strength, although the presence of special carbides helped. Two new steel compns. were recommended on the basis of this work: 1Kh12V$MF (EI757Y contg. C 0.10–0.15, Cr 10.5–12.5, W 3.7–4.3, Mo 0.0–0.8, V 0.2–0.3, Si 0.20–0.35, and Mn 0.6–0.8%; and 1Kh12V2MF (EI756) which differed in contg. 1.8–2.2% W. Their 10,000-hr. rupture strengths at 600° were 14–16 and 13–14 kg./sq. mm., resp., and their creep strengths for 1 × 10^{-5} %/hr. were 6.0 and 4.5 kg./sq. mm. Their impact strengths were 4.5–14 and 10–15 kg.m./sq. cm. as heat-treated and 3–4 after 3000–10,000 hrs. aging at 600°.

A. G. Guv

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18(5) PHASE I BOOK EXPLOITATION SOV/2103

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Struktura i svoystva zharoprochnykh materialov; [sbornik] (Structure and Properties of Heat-resisting Materials) Collection of Articles) Moscow, Mashgiz, 1959. (Series: Its: [Trudy] Nr. 99) Errata slip inserted. 4,000 copies printed.

Additional Sponsoring Agencies: USSR. Gosudarstvennaya planovaya komissiya pri Sovete upravlyayushchikh i proyektnykh organizatsiy.

Ed.: L.F. Petropavlovskaya, Candidate of Technical Sciences; Ed. of Publishing House: E.A. Ivanova; Tech. Ed.: A. P. Ivanova; Managing Ed. for Literature on Metal Working and Tool Making: R. D. Baysel'man.

PURPOSE: This book is intended for workers of scientific research institutes and for engineering staffs of plant laboratories of the boiler and turbine industries and power stations. It may also be useful to staff members of higher educational institutions studying problems of physical metallurgy.

COVERAGE: This collection of articles describes results of work done at TsNIITMASH on the strength of materials used constantly at high temperatures in power plants. The articles deal with problems of heat resistance, alloying, and the production and heat treatment of heat-resistant steels. The evaluation of properties of industrial materials used under high and ultra-high pressures is given, and modern testing methods are discussed. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Trusin, I.I. (Candidate of Technical Sciences). Effect of Preliminary Deformation on Behavior of Materials During Subsequent Operations at High Temperatures 99

The influence of strain hardening by tension and torsion on the strength and ductility of heat-resistant steels is discussed. The effect of strain hardening on creep resistance, recrystallization, and stability of mechanical properties, and phase composition at aging is presented.

SECTION III. MATERIALS FOR EHR AND ULTRA-EHR PRESSURE UNITS

Rodertser-Latkiy, G.P. (Candidate of Technical Sciences), and T.S. Grigoryeva (Engineer). Investigation of 1Kh18N12T and EI724 Steels for Tubes of Boiler Units 126

An investigation of physical, mechanical, and heat-resisting properties of Cr-Ni austenitic steels is described. The phenomena of thermal fatigue and aging of these steels are discussed.

Rodertser-Latkiy, G.P., and M.F. Shaabasov (Engineer). Investigation of the Properties of EI757 Chrome Steel 208

An investigation of mechanical properties, creep strength and creep rate at temperatures up to 600°C is presented.

Tumarova, S.A., and M.D. Meterova. Change in Phase Composition of EI757 and EI737 Steels, Due to Heat-treating Conditions 217

The steels under investigation were oil-quenched at 1150°C with subsequent aging at 600, 650 and 700°C, for up to 3,000 hours. The change in phase composition was studied by means of structural X-ray analysis and compared with results of chemical analysis and metallographic investigation.

For 1500 to 2000 hours, are presented.

Tumarova, S.A., V.A. Smirnova (Engineer). Electronographic Investigation of the Structure of Oxide Films on EI612 and EI673 Steels and a Group of Fe-Cr-Ni-Base Alloys 251

The structure of oxide films generated under various temperatures and holding times is discussed. The influence of preliminary heat treatment (investigations made after quenching and tempering) is noted.

AVAILABLE: Library of Congress

GO/ksl

SHESHENEV, M. F., Cand of Tech Sci -- (diss) "Research and Development of a Heat Resistant Complexly Alloyed Chromatic Steel for Power Engineering Establishments," Moscow, 1959, 21 pp (State Committee of the Council of Ministers USSR for Automation and Machine Building; Central Scientific Research Institute of Technology and Machine Building) (KL, 1-60, 123)

SHESHENEV, M.F.

PHASE I BOOK EXPLOITATION SOV/3559

Akademiya nauk SSSR. Institut metallurgii. Nauchnyy sovet po probleme zharoprochnykh splavov

Issledovaniya po zharoprochnym splavam, t. 5 (Investigations of Heat-Resistant Alloys, Vol 5) Moscow, Izd-vo AN SSSR, 1959. 423 p. Errata slip inserted. 2,000 copies printed.

Ed. of Publishing House: V.A. Klimov; Tech. Ed.: I.F. Kuz'min; Editorial Board: I.P. Bardin, Academician, G.V. Kurdyumov, Academician, N.V. Ageyev, Corresponding Member, USSR Academy of Sciences (Resp. Ed.), I.A. Oding, I.M. Pavlov, and I.F. Zudin, Candidate of Technical Sciences.

PURPOSE: This book is intended for metallurgical engineers, research workers in metallurgy, and may also be of interest to students of advanced courses in metallurgy.

COVERAGE: This book, consisting of a number of papers, deals with the properties of heat-resisting metals and alloys. Each of the papers is devoted to the study of the factors which affect the properties and behavior of metals. The effects of various elements such as Cr, Mo, and W on the heat-resisting properties of various alloys are studied. Deformability and workability of certain metals as related to the thermal conditions are the object of another study described. The problems of hydrogen embrittlement, diffusion and the deposition of ceramic coatings on metal surfaces by means of electrophoresis are examined. One paper describes the apparatus and methods used for growing monocrystals of metals. Boron-base metals are critically examined and evaluated. Results are given of studies of interatomic bonds and the behavior of atoms in metal. Tests of turbine and compressor blades are described. No personalities are mentioned. References accompany most of the articles.

2/2

18(7) SOV/128-59-3-17/31

AUTHOR: Kreshchanovskiy, N.S. Candidate of Technical Sciences, Silayev, A.F., Candidate of Technical Sciences, Sheshenev, M.F., Engineer

TITLE: The Influence of Small Admixtures of Foreign Matter on the Structure and on the Heat Resistance of Large Castings of Steel Type 12Kh11V2NMF-L.

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 3, pp 39-42 (USSR)

ABSTRACT: It has been realized that the use of austenite type steel for castings of turbines and fittings operating at steam temperature of 600° to 610° Celsius is not suitable. The rasons are: high price and weak technological qualities. Therefore during the recent years for this purpose perlite type and semi-ferrite type steel have been introduced in the Soviet Union and in foreign countries. The tests showed that perlite type and especially semi-ferrite type steel of the type Kh11 at correct alloying with Mo, W, V, and Nb is able to operate at the above said temperature conditions.

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The Influence of Small Admixtures of Foreign Matter on the Structure and on the Heat Resistance of Large Castings of Steel Type 12 XII V2 NMF-L

In case these foreign structure particles are mixed at correct proportion, this alloyed steel allows the production of large steel castings, which have the necessary heat resistance. This paper describes the tests made with steel of the type 12KhllV2NMF-L, to which several small admixtures have been added. Laboratory and shop tests had been made with barium, cerium, zirconium and calcium metal. Small admixtures of these elements have promoted the cristallization of the steel. The shop tests have been carried out in an electric furnace of 4 tons capacity. These tests have been compared with the table established by Larsen-Miller. The best result showed an alloy with added aluminum, barium, and calcium. Tensile strength improved to 9,4 kg per square millimeter from 7 kg per sq. mm of steel without any admixture. Correspondingly the heat resistance was higher too. There are 7 tables, 9 graphs and 1 micro-photo.

FEDORTSOV-LUTIKOV, G.P., kand.tekhn.nauk; SHESHENEV, M.F., inzh.

High-chromium semiferrite steels for blades and rotors of steam turbines operating at temperatures from 575° to 600°. [Trudy] TSNIITMASH 100:162-182 '59. (MIRA 13:7)
(Chromium steel)
(Metals at high temperature)

SILAYEV, A.F., kand.tekhn.nauk; FEDORTSOV-LUTIKOV, G.P., kand.tekhn. nauk; SHESHENEV, M.F., kand.tekhn.nauk

Properties of 12Kh11V2NMF-L steel castings. Metalloved.i term. obr.met. no.6:2-7 Je '60. (MIRA 13:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.
(Steel castings--Testing)

35818
S/137/62/000/004/121/201
A060/A101

18.1151

AUTHORS: Sheshenev, M. F., Marinenko, L. S.

TITLE: Toughness study of heat-resistant 12% chrome steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 54-55, abstract 4I323 (V sb. "Issled. novykh zharoprochn. splavov dlya energetiki", Moscow, Mashgiz, 1961, 151-163)

TEXT: The high level of a_k in 12% Cr-steel and semi-ferritic steel should be ensured already during the process of forging by a better treatment of the metal structure. In the production of castings and large forgings from steel of this class it is expedient to add gorophillic elements (modifiers), especially alumino-barium-calcite alloy, to the metal, thus raising the a_k of the cast metal considerably.

T. Rumyantseva

[Abstracter's note: Complete translation]

Card 1/1

37862

S/123/62/000/009/002/017
A052/A101

AUTHORS: Sheshenev, M. F., Marinenko, L. S.

TITLE: Investigation of toughness of 12% chromium heat-resisting steel

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 9, 1962, 19-20, abstract 9A119 (V sb. "Issled. novykh zharoprochn. splavov dlya energetiki". Moscow, Mashgiz, 1961, 151-163)

TEXT: The results are presented of the investigation of toughness of ЭИ 756 (EI756) (12% Cr) steel samples with a different C content (0.05 - 0.27%) in a forged and cast state. The investigation was carried out for selecting material suitable for large seamless forged steam turbine rotors. The toughness of cast metal is very low and that of well-forged metal is high, independently of the C content. The decisive factor determining the toughness level is the size of ferrite grain (crushing leads to an increase of a_k). It is recommended to add modifiers (Al-Ba-Ca addition alloy) when casting steel, increasing considerably a_k of the cast metal.

[Abstracter's note: Complete translation]

Card 1/1

SHESHENEV, M.F., kand.tekhn.nauk

Effect of copper additions on the mechanical properties of 12 % chromium steel. [Trudy] TSNIITMASH 105:108-113 '62. (MIRA 15:8)

(Chromium steel--Testing) (Copper)

S/590/62/105/000/008/015
I031/I242

AUTHORS: Sheshenev, M.F., Candidate of Technical Sciences and Ignatova, I.V., Eng.

TITLE: Effect of cobalt on the structure and properties of 12% chromium steel

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya. Trudy. v.105, 1962, 114-124

TEXT: The existing data on the effect of cobalt on heat-resisting properties of steel are scarce and often contradictory. A 12% Cr steel of the ЭИ 756 (EI756) type with the cobalt content varying from 0.4 to 3.68% was selected for study.

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PHASE I BOOK EXPLOITATION SOV/6539

Silayev, Aleksandr Fedorovich, Georgiy Petrovich Fedortsov-Lutikov, and Mikhail Fedotovich Sheshenev

Khromistyye zharoprochnyye stali dlya energomashinostroyeniya (Heat-Resistant Chromium Steel for Power Machine-Building) Moscow, Metallurgizdat, 1963. 183 p. Errata slip inserted. 2200 copies printed.

Ed.: R. M. Kireyeva; Ed. of Publishing House; A. L. Ozeretskaya; Tech. Ed.: L. B. Dobuzhinskaya.

PURPOSE: This book is intended for engineering personnel engaged in designing, building, and operating power units. It may also be useful to research workers in metal science and to students at technical schools of higher education.

COVERAGE: The book presents data on chemical composition, structure, and properties of heat-resistant chromium steels used in power machine-building. Basic laws governing the

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L 22294-66 EWP(k)/EWT(m)/ETC(m)-6/T/EWA(d)/EWP(w)/EWP(v)/EWP(t) IJP(c) EM/
ACC NR: AP6009811 MJW/JD (N) UR/0096/66/000/004/0022/0025

AUTHOR: Sheshenev, M.F.(Candidate of technical sciences); Vorokhanova, M.F.(Engineer)

63
61
B

ORG: TsNIITMASh

TITLE: High chromium steel for cast turbine blades

SOURCE: Teploenergetika, no.4, 1966, 22-25

TOPIC TAGS: chromium steel, turbine blade, gas turbine engine

ABSTRACT: A table gives the chemical composition and properties of steels and alloys used to fabricate cast turbine blades. The table shows that even for short term operation, chromium steels are used at a temperature no higher than 550°C. At higher temperatures chromium steels and special alloys are used. The chemical composition of the metal (2 melts) used for the turbine blades investigated experimentally was within the following limits: 0.13-0.15% carbon; 0.20-0.27% silicon; 0.44-0.48% manganese; 10.47-10.96% chromium; 1,58-1,84% tungsten; 0.72-0.76% molybdenum; 0.30-0.32% vanadium. Samples of turbine vanes made of this steel were subjected to metallographic investigation an to tests of their mechanical properties. The results are given in a series of curves and tables. Preliminary results from the testing of samples with a diameter

Card 1/2 UDC: 66.9.15-194:62-135.001.45

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ACC NR: AP6009811 2

of 5 mm cut from turbine blades show that the limiting long term strength of this steel (TsZh-5) at 580°C and a service life of ten thousand hours is about 17 kgf/mm^2. The article concludes that TsZh-5 steel is an industrially promising material for production of cast turbine blades. Orig. art. has: 5 figures and 5 tables.

SUB CODE: 11,13/ SUBM DATE: none/ ORIG REF: 007/

Card 2/2 nst

MALYUK, V.I.; SHESHENIN, N.I.

Attachement for taking photographs by means of MBS-1 and MBS-2 microscopes. Vrach. delo no. 1:119-120 '61. (MIRA 14:4)

1. Kafedra anatomii (zav. - prof. A.P. Lyubomudrov) L'vovskogo meditsinskogo instituta.
(PHOTOMICROGRAPHY)

SHESHENINA, G.G.; KOROL', A.N.

Amount of stationary liquid and the effectiveness of a filled column. Zhur. prikl. khim. 38 no.7:1624-1625 Jl '65. (MIRA 18:7)

ZVEREV, A.G.; POPOV, V.F.; FADEYEV, I.I.; BABUSHKIN, V.I.; BERLOVICH, I.L.; BOCHKO, A.M.; BURLACHENKO, S.Ye.; GARBUZOV, V.F.; DMITRICHEV, P.Ya.; DUNDUKOV, G.F.; ZLOBIN, I.D.; KOROVUSHKIN, A.K.; KORSHUNOV, A.I.; KUZIN, M.G.; KUTUZOV, G.A.; LYSKOVICH, A.A.; MASHTAKOV, A.M.; MIKHEYEV, V.Ye.; NIKEL'BERG, P.M.; POSKONOV, A.A.; ROMANOV, G.V.; SOSIN, I.F.; SOSNOVSKIY, V.V.; POVOLOTSKIY, M.M.; URYUPIN, F.A.; KHARIONOVSKIY, A.I.; CHULKOV, N.S.; SHESHERO, N.A.; SHITOV, A.P.; SHUVALOV, A.M.; YANBUKHTIN, K.Kh.

Arsenii Mikhailovich Safronov; obituary. Fin.SSSR 18 no.11:95 N '57. (MIRA 10:12)

(Safronov, Arsenii Mikhailovich, 1903-1957)

NOVOZHILOV, V.; SHESHIN, A.

Work on QRP. Radio no.5:31 My '61. (MIRA 14:7)

1. Radiostantsiya UA1DQ, g. Leningrad. (for Novozhilov).
2. Radiostantsiya UA0WB, g. Abakan, Khakasskaya avtonomnaya oblast' (for Sheshin).

(Amateur radio stations)

SHESHIN, A.

Birth of new things. Kryl.rod. 13 no.6:4-5 Je '62. (MIRA 19:1)

1. Nachal'nik Moskovskogo oblastnogo aerokluba.

SOV/110-59-5-5/25

AUTHORS: Golubeva, V.P., Engineer and Sheshin, B.A., Engineer

TITLE: A Circuit-Closer for a High-Power Laboratory (Vklyuchayushchiy apparat dlya laboratorii bol'shoy moshchnosti)

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 5, pp 18-22 (USSR)

ABSTRACT: Accurate high-speed circuit-closers are required in high-power testing stations. Hitherto, Soviet equipment of this kind has not had sufficiently stable operating time and did not close the circuit at the required instant. This article describes a newly developed and tested three-phase circuit-closer type VA-12, intended for currents up to 330 kA at 12 kV with operating-time variations not greater than ± 5 electrical degrees. Under normal conditions the equipment can carry 120 kA for 0.3 seconds and in emergency for one second. The circuit-closer consists of three independent poles each enclosed in its own tank under an air pressure of 6 atm. All mechanical moving parts are within the tank, avoiding the need for special seals. A cross-sectional drawing of one pole of the equipment is given in Fig 1 and the mechanical construction is described.

Card 1/3

A Circuit-Closer for a High-Power Laboratory

Most of the variation in operating time of previous circuit-closers occurred because the trigger was tripped by an ordinary electro-magnetic coil. In the new equipment the operating coil is energised by the discharge through it of a capacitor of 12 microfarads charged to 7 kV. When the current passes through the operating coil, current is induced in an aluminium disc resting on it; the disc is rapidly accelerated and strikes the trigger. The disc strikes the trigger with a kinetic energy about twenty times that required to trip the trigger. Thus, the tripping time does not depend on frictional forces but only on the voltage to which the capacitor was charged. The trigger tripping time is $2-3 \times 10^{-3}$ sec and the total operating time from the commencement of capacitor discharge until the main contacts touch is 0.029 sec. Pneumatic drive is provided to re-open the main contacts and re-compress the springs. The construction of the pneumatic mechanism is described. The functions of the various auxiliary contacts and interlocks is explained; protection is provided against

 operation if the air pressure in the circuit-closer is too

A Circuit-Closer for a High-Power Laboratory

low. A photograph of the complete equipment for one pole is reproduced in Fig 2. The unit weighs about 1.5 tons. The control circuit diagram is given in Fig 3; all the circuitry except the part shown dotted is contained in the control panel. The operation of the control circuit is explained. The electrical interlocking and signalling arrangements are described. A prototype of one pole of the circuit-closer was tested as follows: 3000 operations of circuit closing and opening with measurement of the closing time; high-voltage insulation tests at 42 kV rms and 50 c/s; dynamic and thermal stability and also circuit-making capacity. The tests showed that the equipment is mechanically reliable; the contact system operates satisfactorily with the rated current and the variations in operating time are within the required limits. One pole is now in experimental use. There are 3 figures.

SUBMITTED: 13th November 1958

Card 3/3

ZAKHAROV, S.N., kand.tekhn.nauk; KAPLAN, V.V., inzh.; IONOV, V.V., inzh.; OSIPOVA, T.V., inzh.; SHERMAN, Ya.N., inzh.; SHESHIN, B.A., inzh.

New MG-10 and MG-20 generator switches. Vest. elektroprom. 32 no.3: 71-76 Mr '61. (MIRA 15:6)

(Electric switchgear)

L 53738-65 EPF(c)/EWT(m) Pr-4 RM

ACCESSION NR: AP5015488 UR/0286/65/000/008/0022/0022
547.563.1:66.095.254

AUTHOR: Makarova, T. F.; Moshkov, P. F.; Sheshin, M. A.; Vol'-Epshteyn, A. V.; Yulin, M. K.

TITLE: A method for the preparation of p-tert-butylphenol. Class 12, No. 170065

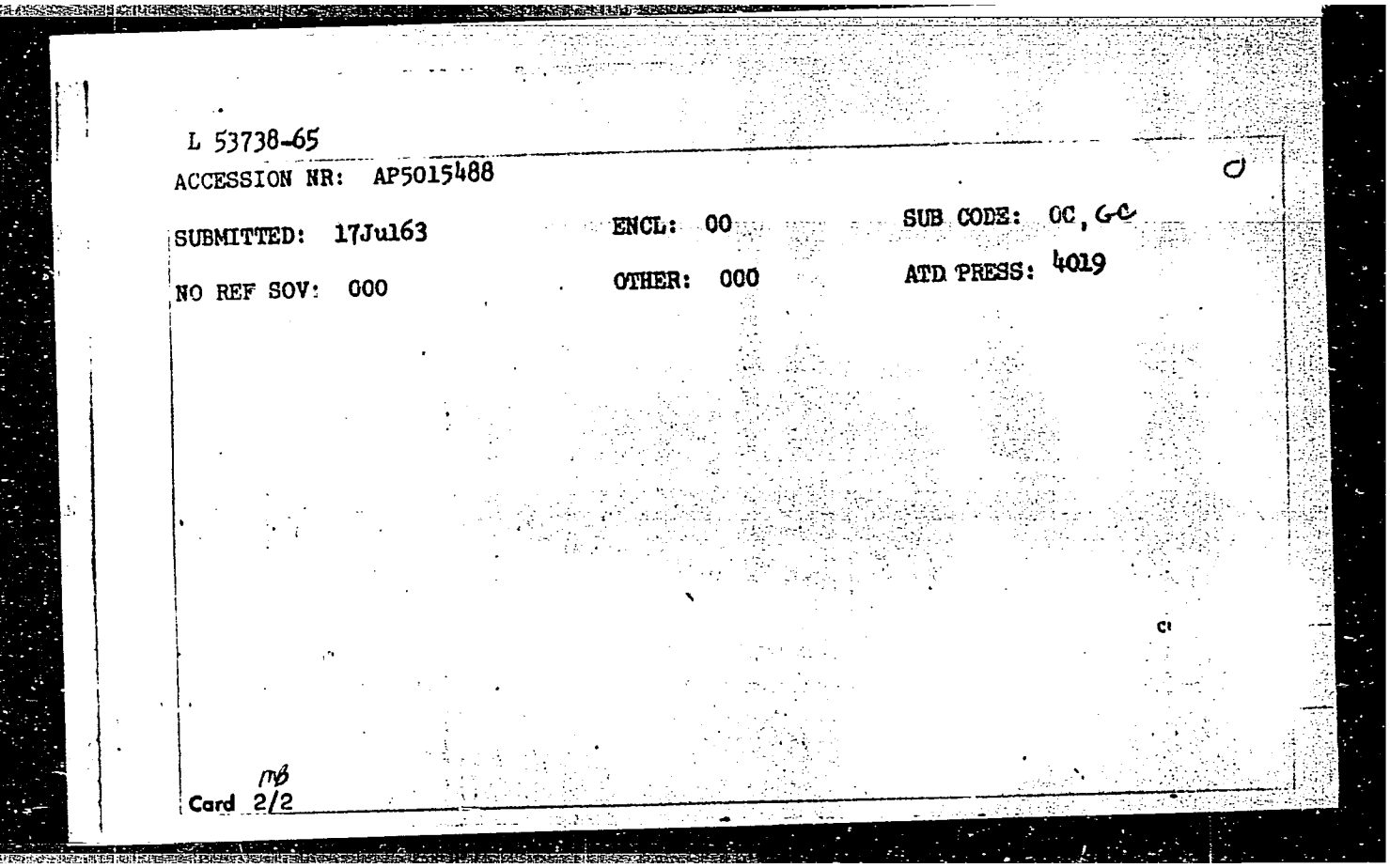
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 22

TOPIC TAGS: tert butylphenol synthesis, sulfonated compound, sulfo derivative catalyst

ABSTRACT: The preparation of p-tert-butylphenol involves the dealkylation of di- and tri-tert-butylphenols, in the presence of an acid catalyst. To achieve selective conversion and increased yields of the main product, the process in conducted at a residual pressure of 150—200 mm Hg, and 140—150C, in the presence of sulfonated organic compounds (e.g., sulfo derivatives of phenol and isobutylsulfuric acid [sic]). [EW]

ASSOCIATION: none

Card 1/2



L 53738-65

ACCESSION NR: AP5015488

SUBMITTED: 17Jul63 ENCL: 00 SUB CODE: OC, GC

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4019

mb

Card 2/2

SHESHIN, P.

USSR/Electronics - Rectifiers

Card 1/1 : Pub. 89 - 12/29

Authors : Sheshin, P.

Title : Rectifier for the IL-10 (ИЛ-10) type tube-tester

Periodical : Radio 7, page 20, July 1954

Abstract : A rectifier, designed for application with the IL-10 type tube-tester, is described, and special instructions for its operation are given. Diagram; table.

Institution : ...

Submitted : ...

SHESHIN, R. (RA3VGR), master radiolyubitel'skogo sporta (g.Ivanovo)

Radio transmitter operating on 420 mc. Radio no.7:21 Jl '61. (MIRA 14:10)

(Radio, Shortwave--Transmitters and transmission)

RABINOVICH, R.M., SHESHINA, G.A.

Case of posterior paramediastinal pleurisy simulating mediastinal tumor. Sov.med. 22 no.11:146-147 N '58 (MIRA 11:11)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR (dir. prof. M.N. Pobedinskiy)

(PLEURISY, differ. diag.
posterior paramediastinal, from mediastinal tumors (Rus))
(MEDIASTINUM, neoplasms.
differ. diag. from posterior paramediastinal pleurisy (Rus))

SHESHINA, G.A.

Radiotherapy of endarteritis obliterans. Vest. rent. i rad. 33 no.6: 42-46 N-D '58. (MIRA 12:1)

1. Iz terapevticheskogo otdeleniya (zav. - doktor med. nauk L.R. Protas) Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta (dir. - prof. M.N. Pobedinskiy).
(THROMBOANGIITIS OBLITERANS, ther.
x-ray ther. (Rus))
(RADIOTHERAPY, in various dis.
x-ray in thromboangiitis obliterans (Rus))

KACHUR, L.A.; MANOYLOV, S.Ye.; POBEDINSKIY, M.N.; PROTAS, L.R.; FEOKTISTOV, V.I.; SHESHINA, G.A.

Relation of age to urinary excretion of radioactive potassium in humans. Med. rad. 4 no.3:42-43 Mr '59. (MIRA 12:7)
(POTASSIUM, radioactive,
in urine, age factor (Rus))
(AGING, effects,
on urinary radiopotassium (Rus))

PROTAS, L.R., doktor med.nauk, starshiy nauchnyy sotrudnik (Leningrad, Kirovskiy pr., d.54/31, kv.2); SHESHINA, G.A., kand.med.nauk, mladshiy nauchnyy sotrudnik.

Telegamma therapy of generalized lymphogranulomatosis. Vest. rent. i rad. 34 no.3:33-40 My-Je '59. (MIRA 12:10)

1. Iz terapevticheskogo otdeleniya TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR (dir. - prof.M.N.Pobedinskiy).

(HODGKIN'S DISEASE, ther.
radiocobalt with telegamma appar. (Rus))
(COBALT, radioactive ther. of
Hodgkin's dis., with telegamma appar. (Rus))

DANILIN, A.A.; LUKASH, N.I.; SEREBRYANIKOV, V.D.; SHESHINA, G.A.

Results of a dynamic investigation of the peripheral blood in subjects working under the influence of small doses of ionizing radiations. Med. rad. 5 no.4:7-14 Ap '60. (MIRA 13:12)
(BLOOD) (RADIATION--PHYSIOLOGICAL EFFECT)

DANILIN, A.A.; LUKASH, N.I.; MALINOVSKAYA, T.Ya.; SKVIRSKAYA, K.B.; SEREBRYANNIKOV, V.D.; SHESHINA, G.A.

Condition of the nervous system in subjects working with radioactive substances. Med.rad. 5 no.5:37-43 '60. (MIRA 13:12)
(NERVOUS SYSTEM) (RADIOACTIVITY—PHYSIOLOGICAL EFFECT)

MOZHAROVA, Ye.N.; BELUGINA, Z.T.; VASIL'YEVA, Ye.I.; KOZYRINA, Z.N.; KUCHEROVA, I.D.; OPRYSHKO, N.G.; SHESHINA, G.A.

Radiation therapy of nontumorous diseases and prospects for its evolution. Med. rad. 7 no.9:12-16 S '62. (MIRA 17:8)

1. Iz radioterapevticheskogo otdeleniya (zav. Ye.N. Mozharova) TSentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR.

[illegible], G.[illegible]; R[illegible]STAPUROV, N.[illegible]; G[illegible]MYCK, V.G.; [illegible]IVANOVA, [illegible]

Results of dosimetric measurements in therapeutic work with radioactive iodine. Med. rad. 8 no.9:44-48 S'63. (MIRA [illegible])

1. Iz [illegible] nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR.

RADCHENKO, O.A.; SHESHINA, L.S.

Geochemistry of petroleum porphyrins. Trudy VNIGRI no.83:274-331 '55. (MLRA 8:10)
(Porphyrin and porphyrin compounds) (Petroleum--Analysis)

Sheshina, L.S

Origin of porphyrins in petroleum. O. A. Radchenko and L. S. Sheshina. *Doklady Akad. Nauk S.S.S.R.* 105, 1285–8 (1955).—Examn. of numerous samples of petroleum showed that samples contg. ≤0.7% S are either devoid of or very low in porphyrin (I) content while the I content of high-S samples is 100–1000 times greater. In the high-S petroleum I is predominantly (90%) in the form of V complexes, while in samples of low S content I occurs in Ni complexes. The concn. of the complexes is approx. the same for both types (1–2 mg./100 g.). The I-V complexes are assocd. with the asphalt portion of bitumens, while the Ni complexes are in the oil fraction. On this basis it is suggested that the asphalt is the form in which petroleum occurred originally and that the initial accumulation consisted of heavy, high-S, and V substances rich in I, apparently derived from the microflora in the ground, especially S bacteria.

G. M. Kosolapoff

4E3d

RADCHENKO, O.A. ; SHESHINA, L.S.

Primary type of oil in the period of oil field formation. Dokl. AN SSSR 109 no.3:614-616 Jl '56. (MLRA 9:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy institut. Predstavleno akademikom D.V. Nalivkinym.
(Petroleum geology)

NIKOLAYEV, A.A., aspirant; SHESHINA, V.A., aspirant

Polyp of the main bronchus in tuberculous bronchadenitis. Probl. tub. no.3:68-70 My-Je '55. (MLRA 8:8)

1. Iz kafedry patologicheskoy anatomii (zav.-prof. D.D.Lokhov) i tuberkuleznoy kliniki (zav.Dotsent O.S.Malysheva) Leningradskogo pediatricheskogo meditsinskogo instituta (dir.-prof.N.T.Shutova).

(POLYPI,
bronchus.main, in tuberc.bronchadenitis,diag.& surg.)
(TUBERCULOSIS, LYMPH NODE,
bronchial, with polyp of main bronchus, diag.& surg.)

S[illegible], V.A., Cand Med Sci—(diss) "Protein fractions of the blood serum in various forms and phases of tuberculosis in children." Len, 1958. 11 pp (Len Pediatric ~~Institut~~ Med Inst), 200 copies (KL,45-58, 153)

-152-

SHESHINA, V.A.

Blood protein fractions in tuberculosis in children. [with summary in English]. Pediatriia 36 no.10:26-32 O '58 (MIRA 11:11)

1. Iz kafedry biologicheskoy khimii (zav. - prof. I.I. Ivanov) i kliniki detskogo tuberkuleza (zav. V.M. Frolova) Leningradskogo meditsinskogo instituta (dir. - prof. N.T. Shutova).
(TUBERCULOSIS, in inf. & child.
blood proteins determ. (Rus))
(BLOOD PROTEINS, in various dis.
tuberc. in child. (Rus))

TSEYTLIN, Z.D.; GURILEV, A.M.; NOSOV, N.I.; SHESHKAUSKAS, K.K.; SHUKHMAN, D.I.

Technical and economic indices of the operation of individual peat works during 1957. Torf. prom. 35 no. 4:1-6 '58. (MIRA 11:7)

1. Glavnyy inzhener Berendeyevskogo predpriyatiya Yaroslavskogo sovnarkhoza(for TSeytlin). 2. Glavnyy inzhener Sitnikovskogo torfopredpriyatiya Gor'kovskogo sovnarkhoza(for Gurilev). 3. Glavnyy inzhener Oktyabr'skogo torfopredpriyatiya Ivanovskogo torfotresta (for Nosov). 4. Nachal'nik proizvodstvennogo otdela Torfoprepriyatiya Belaya Baka Litovskogo sovnarkhoza(for Sheshkauskas). 5. Glavnyy inzhener Belorusskogo torfotresta No. 1(for Shukhman).
(Peat industry)

RASSHCHEPLYAYEV, Yu. (Rostov-na-Donu); SHESHKO, M. (Gomel'skaya obl.); OVCHAROV, Ye. (Vinnitsa); SAMTSOVICH, Ye. (UA6LIZ) (Rostov-na-Donu); ANTONOV, V. (Moskva); BUTOV, P.

Exchange of experiences. Radio no.9:48,51,53,...62 S '63. (MIRA 16:12)

SHESHKO, E. F.

PA 18T55

USSR/Mines and Mining - Equipment Jul 1947
Mineral Industries

"Recent Undertakings in Open Mining of Lodes,"
E. F. Sheshko, 3 pp

"Gornyy Zhurnal" Vol CXXI, No 7

In last 15 years there has been much technological advance in the field of open-pit mining. In Russia the greatest advance took place during the World War and the last Five-Year Plan. The system of mining has been found very advantageous and must be fully exploited during the new Five-Year Plan.

18T55

SHESHKO, E. F.

PA 24T40

Nov 1947

Mining Engineering
Ore Deposits
Mines and Mining

"Pit Mining of Deposits," Prof E. F. Sheshko, 8½ pp

"Gornyy Zhurnal" No 11

Well-illustrated article discussing open pit mining methods used at Magnitogorsk, Lopatinsk, Korkinsk and other ore deposits. Discusses such matters as laying tracks and best methods of making cuts. Author states that because of the various conditions of the ore found in these open pits it is difficult to establish a standard for judging the output of these workings and recommends that more research be done to determine a criterion for output.

24T40

SHESHKO, Ye. F.

Sheshko, Ye, F. "A classification of methods of discovering and of systems of open working of minerals", in the collection entitled: Voprosy gornogo dela, Moscow, 1948, p. 39-52.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

SHESHKO, Ye.F., otvetstvennyy redaktor; SOLOVEYCHIK, A.A., tekhnicheskiy redaktor.

[Transporter and hauling bridges and their utilization] Transportno-otvel'nye mosty i ikh primenenie. Moskva, Ugletekhizdat, 1948. 46 p. [Microfilm] (MLRA 7:11)

1. Russia (1923- U.S.S.R.) Ministerstvo ugol'noy promyshlennosti vostochnykh rayonov. Byuro tekhnicheskoy informatsii.
(Transporter-bridges)

SHESHKO, YE. F. Prof

PA 51779

USSR/Mines and Mining
Mining Methods
Ore Deposits

Feb 1948

"Stripping of Deposits for Open Pit Mining," Prof Ye. F. Sheshko, Moscow Mining Inst imeni I. V. Stalin, 13 pp

"Gornyy Zhur" No 2

Principle intent in stripping deposits is to facilitate transportation of the ore. Sheshko discusses some five basic methods used most frequently for the stripping operation on deposits: Internal trenching, method where no transport is used, underground workings, external trenches, and combined method. Tabulates factors that might cause one method to be chosen over another. LC

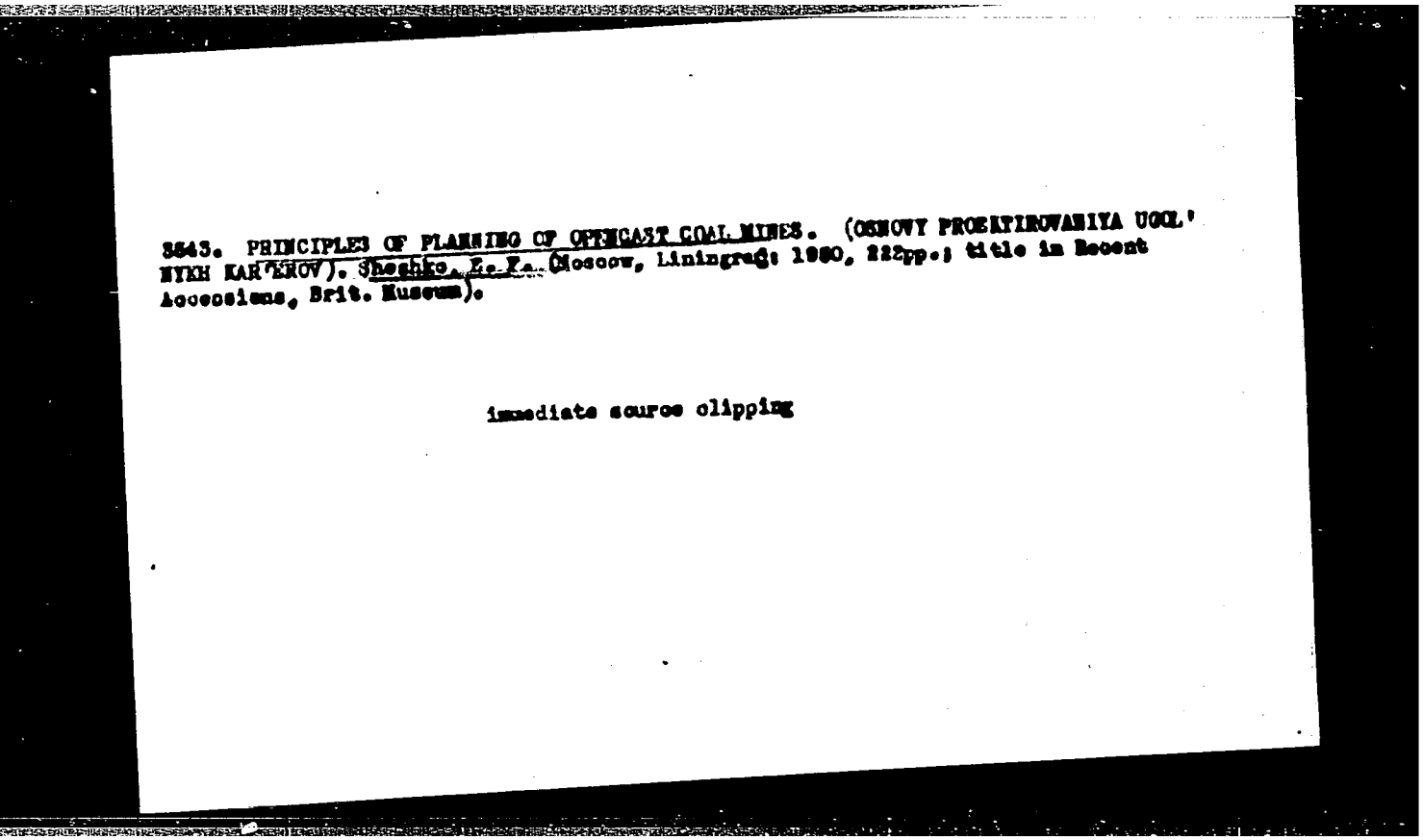
51779

SHESHKO, E.F.

21 929 Sheshko, E.F. Opredeleniye Moshchnosti Robochego Parka Ekskavatorov. Gorniy Zhurnal, 1949, No.1 S. 27-30

B Dobycha Rudnykh Iskopayemykh

So: Letopis' No. 33 , 1949



3643. PRINCIPLES OF PLANNING OF OPENCAST COAL MINES. (OSNOVY PROEKTIROVANIYA UGOL'NYKH KAR'YEROV). Sheshko, Ye. F. (Moscow, Leningrad: 1960, 222pp.; title in Recent Accessions, Brit. Museum).

Immediate source clipping

Dr. Technical Sci.

SHESHKO, Ye. F.

"Baring and Systems of Open-Pit Mining of Mineral Deposits." Sub 1 Jun 51, Inst of Mining, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

SHESHKO, Ye F.

Spravochnik Po Stroitel'stvu Ugol'nykh Kar'yerov (Reference Book on The construction of Strip Coal Mines) Moskva Ugletekhizdat, 1952.
1050 P. Illus., Diagrs., Map, Tables.
"Literatura": P. 1006-(1006)
At Head of Title: Kiev. Vsesoyuznyy Gosudarstvyy Institut Proyektirovaniya Organizatsii Promyshlennogo i Zhilishchnogo Stroitel'stva.

SO: N/5
735.1
.S55

SHESHKO, Ye. F.

Mining Engineering

Extending the front in strip mining. Gor.zhur. no. 3, 1952.

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

1. SHESHKO, YE. F.

2. USSR (600)

4. Strip Mining

7. Technological cycle of loading and transportation operations in strip mines, Ugol', 28, No. 1, 1953.

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

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BARMASH, A.I., BEDNYAKOVA, A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITYUTSKOV, V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S., [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY, Ye.M.; GORBUNOV, P.P.; GORYAINOV, F.A.; GRINBERG, B.G.; GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S., [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.; ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.: ZAVEL'SKIY, F.S.; IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.: KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV, I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.; LEBEDEV, N.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu; LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.; NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG, G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.; RUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu, STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV, A.V.; FERE, N.E.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.; SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAYS, A.V.;

(Continued on next card)

ANDREYEV, A.B. (continued) .... Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-GEYM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor; BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L., retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV, A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor; DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent; redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M. retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor; SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent, redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M., retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor; MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor; METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent; redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A., retsenzent, redaktor; PANYUKOV, N.P., retsenzent, redaktor; PLAKSIN, I.N., retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor; RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent; redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G., retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent, redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B., retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor; SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent, redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye., retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor;

(Continued on next card)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310012-5"

ANDREYEV, A.V.,(continued) .... Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A. V. (continued) .... Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU. A. Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
(Technology--Dictionaries)

SHESHKO, Ye.F.

"Computation methods in designing overall mechanized open pits." A.S.Fidelev. Reviewed by E.F.Sheshko. Gor.zhur. no.11:64 N '55. (Mining engineering) (Fidelev, A.S.) (MLRA 9:1)

RZHEVSKIY, Vladimir Vasil'yevich, doktor tekhnicheskikh nauk; SHESHKO, Ye.F., professor, doktor tekhnicheskikh nauk, retsenzent, redaktor; GORODETSKIY, P.I., professor, doktor tekhnicheskikh nauk, retsenzent; SHUSTOVA, V.M., redaktor izdatel'stva; ATTOPOVICH, M.K., tekhnicheskiy redaktor

[Planning contours in strip mining] Proektirovanie konturov kar'erov. Pod red. E.F.Sheshko. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 230 p. (MLRA 10:1)
(Strip mining)

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SHESHKO, Yevgeniy Fomich, professor, doktor tekhnicheskikh nauk; RZHEVSKIY, V.V., otvetstvennyy redaktor; OKHRIMENKO, V.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

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SIMKIN, Boris Aleksandrovich, kand. tekhn. nauk,; SHESHKO, Ye.F., doktor tekhn. nauk, prof.,red.; VINITSKIY, K.Ye., otv. red.; ZHUKOV, V.V., red. izd-va,; KOROVENKOVA, Z.A., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

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ALATORTSEV, S.A.---(continued) Card 2.
KIT, I.K., zamestitel' glavnogo red.; SHESHKO, Ye.F., zamestitel' otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.; DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.; SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P., kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.; LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH, A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLAVUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOVSKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.; SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

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USSR/Chemical Technology -- Chemical Products and Their Application. Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1635

Author: Glagolev, A. A., and Sheshmintsev, A. N.

Institution: Academy of Sciences, Kazakh SSR

Title: Biceramic Mullite-Fireclay Refractory Bricks for Suspended Roofs

Original Periodical: Izv. AN Kaz. SSR, Section on Mining, Metallurgy and Beneficiation and Construction Materials, 1956, No 8, 114-118 (summary in Kazakh)

Abstract: Experience in the production of biceramic refractory bricks in which the working part (over 40% of the length) consists of a mixture of scrap mullite and high-grade refractory clay and the remainder consists of cheaper fireclay (grog), is described. Both materials have approximately the same coefficient of thermal expansion. The following method was used to form the brick: a mold is separated into 2 portions by means of a partition, one end being filled with mullite mass and the other end with grog. The partition is removed and the

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SHESHMINTSEV, A. N.: "Refractories of andalusite flotation concentrates and their interaction with basic slags." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing.Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Technical Sciences)

Knizhnaya letopis', No 39, 1956, Moscow.

SHESHMINTSEV, A.N.

Reaction of andalusite refractories with basic slags. Trudy Inst. stroi. i stroimat. AN Kazakh SSR 1:131-139 '58. (MIRA 11:6)
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(ANDALUSITE) (MULLITE)

SOV/137-57-10-18631

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 23 (USSR)

AUTHORS: Glagolev, A.A.; Sheshmintsev, A.P.

TITLE: Composite Mullite-fireclay Refractory Brick for Suspended Roofs (Bikeramicheskiy mulitto-shamotnyy ogneupornyy kirpich dlya podvesnykh svodov)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii i obogashcheniya, stroymaterialov, 1956, Nr 8, pp 114-118

ABSTRACT: A description is given of experiences in the preparation of a composite refractory brick, the working portion of which consists for 40% of its length of a mixture of mullite bar scrap and refractory clay and the rest of a cheaper refractory (firebrick). The two materials have similar coefficients of thermal expansion. The brick-shaping technique is the following. A partition is placed in the mold, bulk mullite is poured into one end and fireclay into the other, whereupon the dividing plate is removed and the layer is tamped by hand. Subsequent layers are applied in the same fashion. The properties of the mullite-fireclay portion of refractory, which is used in the roof of a reverbatory copper-melting furnace, are presented.

A.L.

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IVANOV, A.A.; SHESHUKOV, N.G.; SAPRYKIN, F.Ya.

Wood remains in salt deposits. Sov.geol. 6 no.8:107-111 Ag '63.
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SVISHCHEV, M.F.; SHESHUKOV, N.L.; KREMS, L.M.; RYBAKOV, A.P.

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(Tyumen' Province--Radio--Study and teaching) (Study and teaching--Radio--Tyumen' Province)