"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

KOLOKOLOV, N., brigadir kirpichnogo zavoda; YAZHGUNOVICH, P., gruzchik; IVASHEV, Ye., sortirovshchik; KALENIK, I., gruzchik; VLEKENTOV, N., sortirovshchik; MATHENKO, G., gruzchik; FEDOSENKO, L., rabotnitsa kirpichnogo zavoda.

Powerless shop committee. Sov.profsoiuzy 4 no.11:76-77 N '56. (MIRA 10:1)

(Lumbering)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

TRUKHANOV, V.A.; BASHMAKOVA, Ye.G.; FEDOSENKO, N.M.

Reconstruction of an open-hearth furnace using accelerated production-line methods. Prom. stroi. 38 no. 12:8-14 '60. (MIRA 13:12)

(Open-hearth furnaces)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

SLIPCHENKO, P.S., glav. red.; KUCHERENKO, K.R., red.; FILONENKO, K.I., red.; LESNAYA, A.A., red.; ABYZOV, A.G., red.; BUDNIKOV, M.S., red.; VETROV, Yu.A., red.; GLADKIY, V.I., red.; GOLOSOV, V.A., red.; IZMAYLOV, V.G., red.; KANYUKA, N.S., red.; KAIPOV, E.A., red.; KLINDUKH, A.M., red.; KUSHNAREV, N.Ye., red.; LUYK, A.I., kand. tekhn. nauk, red.; NEMENKO, L.A., red.; RYBAL'SKIY, V.I., red.; SITNIK, I.P., red.; FEDOSENKO, N.M., red.; FILAKHTOV, A.L., kand. tekhn. nauk, red.; KHILOBOCHENKO, K.S., red.; VORONKOVA, L.V., red.; KIYANICHENKO, N.S., red.

[Construction industry: technology and mechanization of the construction industry; the economics and organization of construction] Stroitel'noe proizvodstvo: tekhnologiia i mekhanizatsiia stroitel'nogo proizvodstva; ekonomika i organizatsiia stroitel'stva. Kiev, Budivel'nyk, 1965. 180 p. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva. 2. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva (for Luyk, Filakhtov).

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

Fedosenko, N. V.

1568

STRIPPING OF SINGLY CHARGED ARGON IONS IN HELIUM, NEON, ARGON, AND KRYPTON AT 40 TO 180 KEV. D. M. Kaminker and N. V. Fedosenko. Zhur. Tekh. Fiz. 25, 1843-53(1955) Nov. (In Russian)

Results of experiments determined the existence of a single stage stripping process with simultaneous explosion of a large number of electrons out of the ion shell. The stripping process of the $A^+ \rightarrow A^{2+}$, $A^+ \rightarrow A^{3+}$, $A^+ \rightarrow A^{4+}$, $A^+ \rightarrow A^{5+}$, $A^+ \rightarrow A^{7+}$, and $A^+ \rightarrow A^{8+}$ was observed. Effective cross sections were obtained for ions stripped while in their initial forward motion. (S.V.J.)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya.

Use of new layouts and their technical and economic evaluation. Trudy LIEI no.41:52-57 '62. (MIRA 17:6)

1. Akademiya kommunal'nogo khozyaystva imeni Pamfilova.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya., inzh.; CHAEROV, I.M., red. vypuska; DYUSKIN, V.K., doktor tekhn.nauk, nauchnyy red.

[Method for calculating the reliability of municipal electric power distribution networks] Metod rascheta nadezhnosti elektrosnabzheniia potrebitlei gorodskikh elektrosetei. Moskva, Otdel nauchno-tekhn.informatsii Akad., 1959. 69 p. (MIRA 14:5)

(Electric power distribution)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

SOV/91-59-8-22/28

8(6), 9(2)

AUTHOR: Fedosenko, R.Ya., Engineer

TITLE: Fuses in Municipal Low Voltage Power Networks

PERIODICAL: Energetik, 1959, Nr 8, pp 33-37 (USSR)

ABSTRACT: The author suggests the application of better fuses in municipal low voltage power networks. At the present time, fuses of type "P" (open copper wire) or "SPO" (copper wire enclosed in a porcelain tube) are used. The copper wires in the fuses "age", which means that they are gradually oxidized because of the high operating temperature which intensifies the oxidizing process. For example, operating temperatures of "SPO" fuses, having a length of 250 mm and 1.4-2.2 mm wire diameter, are about 520-540°C. The working temperatures of "P" fuses, having a length of 150-180 mm and a wire diameter of 1.35-1.74 mm, are 380-460°C. Investigations conducted in the cable network of Lehenergo showed that tinned fuses operating at 250°C had a 2.5% higher resistance after 100 hours of work. Fuses are manufactured by the power distribution systems, for example in the mechanical workshops of

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SOV/91-59-8-22/28

Fuses in Municipal Low Voltage Power Networks

MKS Mosenergo, a typewriter plant, by the cooperative "Leninskiy metallist" of Mosoblmetallpromsoyuz and other enterprises. The quality of the fuses produced by different manufacturers is poor, since the majority of producers cannot provide the required quality control. In addition there are no definitely established requirements for "P" and "SPO" fuses. The operating characteristics of these types are completely unsatisfactory. The author recommends a reduction of the operating temperature of the fuses by reducing their melting point. The melting point should be reduced by using the so-called "metallurgical effect", i.e. the copper wire is dissolved by a metal with a lower melting point applied as a coat to the fuse wire. The author reports on some experiments using solder POS-30 for this purpose which he applied as a bead in the center of the fuse. The fuse wire was bent to a loop; thus the flowing away of the molten solder was prevented. Experiments with such copper wires of up to 1mm diameter were conducted at VEI. The author presents a table in which he compares operating characteristics of fuses "P", "SPO" and "MKS" with

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SOV/91-59-8-22/28

Fuses in Municipal Low Voltage Power Networks

and without additional metal for dissolving the fuse wire. He states that the best results are obtained with 60-70mm long fuses with metal for dissolving the wire. These should be installed during routine maintenance inspections at all switchboards and panels. A note from the editor says that the present system of producing fuses should be forbidden. The electrical industry must increase the output of high-quality, calibrated fuses with a lower melting point. In the past, numerous power failures were caused by burning of fuses. There are 2 graphs, 1 table and 2 references, 1 of which is English and 1 Soviet.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

TOMAZOV, A.I.; FEDOSENKO, R.Ya.; ZEL'TSBURG, L.M., kand.tekhn.nauk

Concerning the determination of the optimum power coefficient. Prom. energ. 16 no.5:35-37 My '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Tamazov).
2. Gor'kovskiy politekhnicheskiy institut (for Zel'tsburg).
(Electric railroads—Current supply)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya., kand.tekhn.nauk; Prinimal uchastiye GRUDINSKIY, P.G., prof.; SHISTER, G.M., red.; GANKINA, R.G., tekhn.red.

[Efficient use of transformers in municipal electric power distribution networks] Ratsional'noe ispol'zovanie transformatorov v gorodskikh elektricheskikh setiakh. [Moskva] 1962. 10 p. (Akademiia kommunal'nogo khoziaistva. Informatsionnoe pis'mo, no.7). (MIRA 16:8)

1. Moskovskiy energeticheskiy institut (for Grudinskiy).
(Electric transformers) (Electric power distribution)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

GRUDINSKIY, P.G., prof.; FEDOSENKO, R.Ya., kand.tekhn.nauk

Conditions for the efficient operation of electric transformers in municipal electric power distribution networks. Elek.sta. 33 no.2: 45-49 F '62. (MIRA 15:3)

(Electric power distribution)(Electric transformers)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, Radiy Yakovlevich; VORONTSOV, F.F., red.

[Transformers in local electric power distribution networks] Transformator v mestnoi raspredelitel'noi elektricheskoi seti. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1963. 83 p. (MIRA 17:3)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

VENIKOV, V.A.; TELESHEV, B.L.; CHERNIKHOV, A.M.; IOKHVIDOV, E.S.; GLAZUNOV, A.A.; FEDOSENKO, R.Ya.; FIGNER, L.M.; LERMAN, D.N.; MEL'NIKOV, N.A.

I.S.Bessmertnyi; on his 60th birthday. Elektrichestvo no.10: 93 O '63. (MIRA 16:11)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya., kand.tekhn.nauk (Moskva); MIRER, G.V., inzh. (Moskva)

Consumption of electric power in dwellings. Elektrichestvo no.3:14-20 Mr '63. (MIRA 16:4)

(Electric power)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya., kand. tekhn. nauk (Moskva)

Design of residential and public utility networks. Elektrichestvo no.4:25-28 Ap '65. (MIRA 18:5)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

BARANOV, Boris Mikhaylovich; POKLAD, Petr Grigor'yevich; SMIRNOV, Leonid Petrovich; FOMICHEV, G.I.; FRIDKIN, I.A.; FEDOSENKO, R.Ya., nauchn. red.; SHUMILOVA, Ye.M., red.

[Construction and operation of municipal cable networks] Sooruzhenie i ekspluatatsiia gorodskikh kabel'nykh setei. Moskva, Vysshaia shkola, 1965. 321 p. (MIRA 18:7)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, R.Ya., kand. tekhn. nauk (Moskva); REYNVALD, O.A. [Reinvalds, O.] (Riga); GNEVKO, D.G., inzh. (Minsk); ZAROZHNYY, A.M., inzh. (Minsk); VOYTKO, A.M., inzh. (Minsk); FEDOROV, Ye.Ya., inzh. (Minsk); AYZENBERG, B.L., doktor tekhn. nauk (Leningrad)

Protection of closed-loop networks. Elektrichestvo no.2: 83-89 F '65. (MIRA 18:3)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

BRAGIN, S.M., doktor tekhn.nauk, prof.; FEDOSENKO, R.Ya., kand.tekhn.nauk; VOLKOV, M.I., inzh.

Permissible loads of power cables with viscous impregnating compounds. Elektrichestvo no.5:30-35 My '65.

(MIRA 18:6)

1. Akademiya kommunal'nogo khozyaystva imeni Parfilova, Leningrad.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, V., inzhener.

Effect of the lack of technical coordination upon the production of sausage from poultry and rabbit meat. Mias.ind.SSSR 25 no.1: 32-33 '54. (MLRA 7:3)

1. Moskovskiy ptitsekombinat. (Sausages)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

IZOTOV, V.P.; FEDOSENKO, Yu.K.

Automatic looping control system for wire mills. Avtom. i prib. no.4:8-10 O-D '63. (MIRA 16:12)

1. Dnepropetrovskiy filial Instituta avtomatiki Pridneprovskogo soveta narodnogo khozyaystva.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSENKO, Yu.K.

Spectral densit·· of electric signals induced in induction pickups by a magnetic field of defects of the linear dipole type. Defektoskopiia 1 no.3:53-60 '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy institut introskopii.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

L 11663-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) IJP(c) MJW/JD

ACC NR: AP5026212 SOURCE CODE: UR/0381/65/000/004/0008/0016

55
50
B

AUTHOR: Fedosenko, Yu. K.

ORG: Scientific Research Institute of Endoscopy (Nauchno-issledovatel'skiy institut introskopii)

TITLE: Eddy currents in a thin nonmagnetic plate moving relative to point magnetic poles

SOURCE: Defektoskopiya, no. 4, 1965, 8-16

TOPIC TAGS: eddy current, magnet, quality control, microwave spectroscopy

ABSTRACT: The problem is formulated as follows: a thin nonmagnetic plate of infinite length and width moves with constant speed relative to point magnetic poles in the direction of the x axis. The poles are located on one side (dipoles in the limit) or on both sides of the plate. Optimum conditions for disclosing defects are found to be dependent on the source of the primary field, velocity, and location of the defect. While established for linear fields, the general laws governing the distribution of eddy currents in a moving plate hold true for any source. The current distribution picture must reflect the fact that the distribution curves are closed. The secondary magnetic field (current field) must be considered as resulting from two eddies in series such that their point of juncture is displaced along the axis of mo-

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ACC NR: AP5026212

tion as velocity increases. Values of linear current density are given for copper, aluminum, brass, rail steel and EI673 steel, for various resistivities, velocities (1, 10, 20 meters/second), and magnetic field strengths (10, 50, 100, 500 oersteds). Orig. art. has: 3 figures, 1 table, 33 formulas.

SUB CODE: [illegible],11,20/ SUBM DATE: 10May65/ ORIG REF: 007/ OTH REF: 000

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

VOROB'YEV, Vasiliy Aleksandrovich, prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauki i tekhniki RSFSR. Prinimali uchastiye: GLYBIN, V.S., starshiy prepodavatel'; DENISOV, A.A., kand.tekhn.nauk, dotsent; KOMAR, A.G., kand.tekhn.nauk, dotsent; FEDOSEV, G.P., starshiy prepodavatel'. MARTYNOV, A.P., red.; VORONINA, R.K., tekhn.red.

[Building materials] Stroitel'nye materialy. Izd.3., rasshirennoe i perer. Moskva, Vysshaia shkola, 1962. 496 p. (MIRA 15:5)

(Building materials)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

BELIKOV, V.A.; BESSMERTNYY, I.S.; GLAZUNOV, A.A.; IOKHVIDOV, E.S.; KOZLOV, V.A.; KUZNETSOV, K.S.; MIRER, G.V.; SOLDATKINA, L.A.; FEDOSENKO, R.Ya.

"Fundamental problems concerning the design of municipal electric power distribution networks" by B.L. Aizenberg and S.N. Nikogosov. Reviewed by V.A. Belikov and others. Elektrichestvo no.7:93-94 Jl '62. (MIRA 15:7)

1. Moskovskiy inzhenerno-ekonomicheskiy institut imeni S. Ordzhonikidze (for Belikov). 2. Giprokommunenergo (for Bessmertnyy). 3. Moskovskiy energeticheskiy institut (for Glazunov, Soldatkina). 4. Moskovskoye rayonnoye upravleniye energeticheskogo khozyaystva (for Iokhvidov). 5. Leningradskaya kabel'naya set' Leningradskogo upravleniya energokhozyaystvom Glavenergo Ministerstva elektrostantsiy SSSR (for Kozlov). 6. Mosinzhproyekt (for Kuznetsov). 7. Upravleniye po proyektirovaniyu zhilishchno-grazhdanskogo i kommunal'nogo stroitel'stva g. Moskvy (for Mirer). 8. Akademiya kommunal'nogo khozyaystva im. K.D. Pamfilova (for Fedosenko).

(Electric power distribution)
(Aizenberg, B.L.) (Nikogosov, S.N.)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

BRAGIN, S.M., doktor tekhn.nauk, prof. (Moskva); FEDOSENKO, R.Ya., kand. tekhn.nauk (Moskva); VOLKOV, M.I., insh. (Moskva)

Concerning the permissible loads of power cables. Elektrichestvo no.12:70-73 D '62. (MIRA 15:12)
(Electric cables) (Electric power distribution)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

BIRYUKOV, V.M., insh.; MART'YANOV, G.I.; KALETINA, T.V., inzh.; GRISHCHENKO, L.V., insh.; FEDOSEYENKO, G.I., inzh.

Welding a high-strength alloy spiral turbine chamber at the Krasnoyarsk Hydro-electric Power Station. [Trudy]LMZ no.11: 189-201 '64. (MIRA 17:12)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

MEL'NIKOV, N.N.; ZUBOV, M.F.; TRUNOV, P.N.; SANIN, M.A.; FEDOSEYENKO, L.G.; UKRAINETS, N.S.; PIVOVAROVA, T.M.

Fungicide for controlling powdery mildew fungi. Zashch. rast. ot vred. i bol. 8 no.1:31 Ja '63. (MIRA 16:5)
(Fungicides) (Mildew)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ZUBOV, M.F.; FEDOSEYENKO, L.G.; SANIN, M.A.; PIVOVAROVA, T.M.; ZIL'BERMINTS, I.V., kand. biolog. nauk; FADEYEV, Yu.N., kand. sel'skokhoz. nauk; ZHURAVLEVA, L.M.; KIPIANI, A.A., aspirant; MEL'NIKOV, N.N.; BOCHAROVA, L.P.; SHVETSOVA-SHILOVSKAYA, K.D.; SHAPOVALOV, G.K.; SPIRINA, T.A.; SEDYKH, A.S.; ZINCHENKO, V.A., aspirantka

From experiments in the use of new preparations. Zashch. rast. ot vred. i bol. 8 no.10:24-26 O '63. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy (for Zubov, Fedoseyenko, Sanin, Pivovarova). 2. Gruzinskiy institut zashchity rasteniy (for Kipiani). 3. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya im Timiryazeva (for Zinchenko).

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ZUBOV, M.F.; SANIN, M.A.; FEDOSEYENKO, L.G.; UKRAINETS, N.S.; PIVOVAROVA, T.M.; MATVIYEVSKIY, kand.biolog.nauk; ROSLAVTSEVA, S.A.

From practices in the use of poisonous chemicals. Zashch. rast. ot vred. i bol. 8 no.11:23-24 N '63. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy (for all, except Matviyevskiy). 2. Mlevyevskaya opytnaya stantsiya sadovodstva im. L.P.Simirenko, Cherkasskaya obl., Gorodishche (for Matviyevskiy).

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ZUBOV, M.F.; SANIN, M.A.; FEDOSEYENKO, L.G.; UKRAINETS, N.S.

Preparations of fungicidal effect. Zashch. rast. ot vred. i bol. 9 no.1:28 '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

TYRTYY-OOL, Yu., uchenik 10 klassa; LOPSANCHAP, O.Ch., chaban, Geroy Sotsialisticheskogo Truda; KYRGYS, S.B., chaban; YURTAYEV, I.S.; FEDOSEYENKO, N.A., kukuruzovod

We shall put into practice the resolutions of the January Plenum of the Central Committee of the CPSU. Uch.zap.Tuv.nauch.-issl.inst.iaz.lit.i ist. no.9:14-29 '61. (MIRA 15:5)

1. Turanskaya srednyaya shkola (for Tyrtyy-ool). 2. Kolkhoz "30 let Oktyabrya", Dzun-Khemchikskogo rayona (for Lopsanchap). 3. Kholkhoz "Torgalyg" Ovyurskogo rayona (for Krygys). 4. Direktor sovkhoza "Krasnyy partizan" (for Yurtayev).
(Tuva A.S.S.R.—Agriculture)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

Sep/Oct 53

FEDOSEYENKO, N. Ye.

USSR/Geophysics - Seismic Prospecting

"The Procedure for Checking Sensitivity and for Determining the Frequency and Amplitude Characteristics of Seismic Receiver Channels with the Aid of a Magneto-electric Oscillator," N. Ye. Fedoseyenko and G. V. Groshevoy, Geophys Inst, Acad Sci USSR

Iz Ak Nauk SSRR, Ser Geofiz, No 5, pp 424-428

Describe how to check sensitivity to det freq and amplitude characteristics of seismic receiver channels specially developed by a magneto electric oscillator (MGPA), which gives the intensity of the sinusoidal form with const ratio of amplitude to freq. Present the results of the expts and corresponding oscillograms. Recommend wide use of the oscillator in seismic prospecting.

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USSR/Physics of the Earth - Seismology, O-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36360

Author: Ventskevich, Ye. V., Pasechnik, I. P., Fedoseyenko, N. Ye.

Institution: None

Title: Application of a Driven Sweep in the Recording of Seismic Vibrations

Original Periodical: Izv. AN SSSR, Ser. Geofiz., 1956, No 5, 525-533

Abstract: Description of a method and apparatus for a multi-channel photographic recording of seismic vibrations, the time of arrival of which is unknown beforehand, with the speed of the sweep being capable of being raised to 50 mm/sec. The method is based on using a driven sweep in the registers, automatically switched in at the instant that the first pulse of a vibration arrives at the seismograph.

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FEDOSEYENKO, N.Ye.

Portable high-frequency station for parametric measurements. Izv.AN SSSR Ser.geofiz.no.7:794-800 Jl '56. (MIRA 9:9)

1.Akademiya nauk SSSR, Geofizicheskiy institut.
(Seismometers) (Prospecting--Geophysical methods)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYENKO, N.Ye.

49-1-13/16

AUTHORS: Pasechnik, I.P. and Fedoseyenko, N.Ye.

TITLE: Electrodynamic Microbarograph with Galvanometer Recording (Elektrodinamicheskiy mikrobarograf s gal'vanometricheskoy registratsiyey)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, Nr 1, pp 121-130 (USSR)

ABSTRACT: A description is given of a microbarograph which has been developed by the authors of this paper and also of its calibration and examples are given of recordings of microfluctuations of the atmospheric pressure within a wide range of periods of 2-3 sec to 15-20 min. Furthermore, examples are given of the interrelations between such microfluctuations and certain seismic and meteorological phenomena. The microbarograph is produced in two variants, in one of which the sensitive element is an elastic membrane covering one of the walls of the hollow hermetic chamber, in the other the sensitive element consists of a conglomeration of "vidi" boxes. The first-mentioned variant consists of a hermetic chamber of 28 000 cm^3 volume, one of the walls of which is covered by an elastic membrane of circular shape made of 0.1 mm thick phosphor bronze; at the centre of the membrane a light rod is fixed

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49-1-13/16

Electrodynamic Microbarograph with Galvanometer Recording

which transmits the movements of the membrane to a coil of an electrodynamic transducer. The chamber as well as the transducer is mounted on a base plate 10 x 600 x 400 mm. A sketch of the microbarograph is shown in Fig. 1, the characteristics of both variants are graphed in Fig. 2; Fig. 5 shows an example of recording of microfluctuations of the Earth's atmosphere caused by a wind of a speed of 6 m/sec at the observation point while Fig. 6 shows the recording of long period microfluctuations of the atmospheric pressure obtained during a completely windless period. The obtained results show that the described microbarographs are suitable for long operation in seismic stations and for field expeditions; the given experimental material indicates the necessity of studying more fully the relations between the microfluctuations of the atmospheric pressure and seismic phenomena.

There are 8 figures and 15 references, of which 8 are Russian, 6 English and 1 German.

ASSOCIATION: Ac.Sc.USSR, Institute of Physics of the Earth (Akademiya Nauk SSSR, Institut Fiziki Zemli)

SUBMITTED: November 28, 1956

AVAILABLE: Library of Congress

Card 2/2

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

S/049/59/000/12/016/027
E131/E391

AUTHORS: Pasechnik, I.P. and Fedoseyenko, N.Ye.

TITLE: Experiments with the Improved Seismographs, Types SVK and SGK

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 12, pp 1853 - 1860 (USSR)

ABSTRACT: The seismographs SVK and SGK, generally used in the USSR for recording the longitudinal, transverse and surface waves, are not sufficiently precise for recording weak earthquakes of a magnitude $M \sim 4$. The author, therefore, designed the new improved types, SVK-M and SGK-M, which are illustrated in Figure 1. Their characteristics are tabulated in Table 1. The constants of these new seismographs, as used at the stations of the Soviet zone of the Antarctic, are given in Table 2 and Figure 2. As an example, the SVK-M seismograms are compared with those obtained with SVK (Figure 3). Figure 4 shows an example of the P-wave obtained with the seismograph SVK-M at the distance $\Delta = 2\ 650$ km from an underground detonation of 1 000 tons of explosives ($M \approx 4$). Figures 5 and 6 show seismograms of two earthquakes recorded by the

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E131/E391

Experiments with the Improved Seismographs, Types SVK and SGK

seismographs SVK (a) and SVK-M (б and B).
There are 6 figures, 2 tables and 8 Soviet references.

ASSOCIATION: Akademiya nauk SSSR Institut fiziki Zemli (Institute of Physics of the Earth, Ac.Sc., USSR)

SUBMITTED: April 1, 1959

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PHASE I BOOK EXPLOITATION SOV/6029

Arkhangel'skiy, V. T., D. P. Kirnos, A. G. Moskvina, V. N. Solov'yev, N. Ye. Fedoseyenko, V. M. Fremd, and N. V. Shebalin

Apparatura i metodika nablyudeniy na seysmicheskikh stantsiyakh SSSR (Apparatus and Observation Methods at Seismic Stations in the USSR) Moscow, Izd-vo AN SSSR, 1962. 166 p. Errata printed on inside back cover. 1500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Sovet po seysmologii.

Resp. Ed.: D. P. Kirnos, Doctor of Physics and Mathematics; Ed. of Publishing House: V. M. Fremd; Tech. Eds.: I. A. Makogonova and S. Golub'.

PURPOSE: This book is intended primarily for personnel of Soviet seismic stations.

COVERAGE: The book consists of three sections. Section I, written by V. T. Arkhangel'skiy, deals with the elementary theory of seismographs. A description of the basic types of seismographs already in use in the Soviet Union is

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presented in Section II, which was compiled by D. P. Kirnos and A. G. Moskvina. Section III was written by A. G. Moskvina, V. M. Fremd, and N. V. Shebalin and deals with the methods and technique of seismic observation. In addition to the authors named above, the following persons, all members of the Institut fiziki Zemli im. O. Yu. Shmidta AN SSSR (Institute of Physics of the Earth, imeni O. Yu. Shmidt Academy of Sciences USSR), took part in the preparation and discussion of the manuscript: N. Ye. Fedoseyenko, V. N. Solov'yev, Z. I. Aronovich, I. L. Nersesov, I. I. Popov, and D. A. Kharin. There are 28 references, all Soviet.

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FEDOSEYENKO, V. I.

"Lubrication of Bearings Used in Reducers of Spherical Grinders," Rab. energ., 2, No.5, 1952

"Repair of Exhaust Fan Rotor," ibid.

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"Watching the Wear of the Babbit Metal Filling of the Main Bearings of the Coal Pulverizers 207/510," Rab. energ., 2, No.7, 1952

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CHILIKIN, M.G.; SIROTINSKIY, L.I.; VENIKOV, V.A.; UL'YANOV, S.A.; GHUDINSKIY, P.G.; FEDOSEYEV, A.M.; SOLOV'YEV, I.I.; DROZDOV, N.G.; SYROMYATNIKOV, I.A.

Aleksandr Aleksandrovich Glazunov; obituary. Elektrichestvo no.8:88-89 Ag '60. (MIRA 13:8)
(Glazunov, Aleksandr Aleksandrovich, 1891-1960)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

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FEDOSEYEV, A. A.

Cand Med Sci - (diss) "Use of physical loads for purposes of study and treatment of patients with coronary insufficiency." Saratov, 1961. 15 pp; (Saratov Med Inst); 280 copies; price not given; (KL, 7-61 sup, 262)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.A.

Use of exercise therapy in coronary insufficiency. Vop.kur., fizioter. i lech. fiz. Kul't. 27 no.4:325-329 Jl-Ag'62 (MIRA 16:11)

1. Iz kafedry propedevtiki vnutrennikh bolezney(zav.-prof. S.V. Shestakov) Kuybyshevskogo meditsinskogo instituta (direktor D.A. Voronov).

*

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The cause of sand plugs and their removal. A. Fedosev. Azerbaidzhanskoe Neftyanoe Khozyaistvo 1931, No. 7/8, 23-30. Various methods for the removal of sand plugs are described. A. A. Borhilingk

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES

Fireclay of the Bayny deposit in the Ural mountains. A. Fedoseev. *Trans. State Ceram. Research Inst.* (Leningrad) No. 26, 1-43(1931).—F. discusses (1) the geology of the Bayny fireclay deposits; (2) their origin; (3) the mechanical compn; (4) chem. characteristics; (5) mineralogical compn.; and (6) phys.-chem. properties. These clays are a kaolinite-mica-quartz rock with a certain content of Ca-Mg and colored minerals. The ceramic properties of the clays are satisfactory. Their refractoriness is equal to 30 to 32 Seger cones. M. V. Kondoidy

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

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Fedosseev, A. CHEMICO-MINERALOGICAL COMPOSITION OF KURTSKII CLAYS. *Trans. State Ceram. Research Inst.* (U.S.S.R.), No. 35, 14-33 (1932).—The chemical characteristics of the clays vary. They contain from 40 to 60% SiO_2, 20 to 38% Al_2O_3, 1 to 12% Fe_2O_3, and up to 1% $K_2O + Na_2O$. The quantitative mineralogical analysis showed that the chief mineral components are kaolinite, muscovite, quartz, pyrite, and rutile. The clays are classified.

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Fedoseev, A. REFRACTORY CLAYS OF KUZOVLEVO. *Trans. State Ceram. Research Inst.* (U.S.S.R.), No. 38, 20 pp. (1932).—A general description of the clay deposits is given. The clays have a high silica content, 62 to 69%, 20 to 25% alumina, 1.1% iron oxide, and 1.8% alkalis. Their ceramic properties and applications in industry are discussed in detail.

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Fedosseev, A. D. REFRACTORY CLAYS OF THE BERLIN DEPOSITS. *Ogneupory*, 1 [5] 36–41 (1933).—From the mechanical and thermal viewpoints the refractory clays of the Berlin deposits (South Urals) are usable for grog brick and sagger mixes of low grade. Their high Fe_2O_3 + TiO_2 (3.8 to 4.2%) content prevents their use in the glass industry and fine ceramics.

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Lake Shemeli an alkali base for the Ural glass industry A. D. Fedoseev
Kerum. i Steklo 9, No. 4, 13 14(1933) -- Mirabilite deposits found in Lake Shemeli
ate described M. V. Kondoidy

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R

Fedoseev, A. D. CLAY MATERIALS OF THE BALAI REGION OF EAST SIBERIA. *Trans. Research Inst. Ceram* (U.S.S.R.), No 42, 80 pp. (1944). —A detailed description is given of (1) the large clay deposits in East Siberia, (2) their chemicophysical composition, and (3) their use in ceramics: (*a*) porcelain and faience, (*b*) glazes, (*c*) refractories, (*d*) stoneware.

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Fedoseev, A. D., and Petrova, V. SUVOROVKA CLAYS. *Огнеупоры*, 3, 533–43 (1935).—The Suvorovka clays (near Moscow) can be used for refractories. The deposit and the properties of the clays are described.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEEV, A.D. and F.A. ZEN'KOVICH

FEDOSEEV, A.D. and F.A. ZEN'KOVICH. Mestorozhdeniia glin SSSR; opisanie, sostav, svoistva i primenenie; pod red. P.A. Zeliatchenskogo. Moskva, AN SSSR, 1937. 662 p. (Akademiia Nauk SSSR. Petrograficheskii institut im. F. IU. Levinson-Lessinga. Petrografiia SSSR. Seriia II, no. 2.)
Bibliography at end of chapters. DLC: QE420.F6

SO: LC, Soviet Geography, Part I, 1951, Uncl.

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US

1

DUNITE OF THE URALS.—A. D. Fedosseyev and F. A. Senkovitch (*Ogneupory*, 6, 1935, 1938). The physical and chemical properties of dunite are described. The average composition of Urals dunite is: 36% SiO_2, 45% MgO, 4% Fe_2O_3, 4% FeO, 9% H_2O. The effect of various additions (magnesite, chromite, clay) on the properties of dunite bodies was studied. According to a Leningrad report, by following correct technological procedure products can be obtained from dunite which entirely replace magnesite in the sensitive parts of open-hearth furnaces. From 10 to 25% of finely ground magnesite must be added to dunite; if only 10% magnesite is added, about 2% of a refractory clay must also be included to give the necessary porosity and mechanical strength. Bodies containing 15% magnesite require only 1% of clay, while bodies of higher magnesite content need no clay. To reduce the porosity further and increase the strength, not more than 20% chrome ore may be included, in which case the magnesite content is 15% and the clay 1%. The grain size of the dunite and chromite should not exceed 3 mm., while the clay and magnesite must be in finely divided condition. The clay and magnesite are mixed together first before being added to the body, or the clay can be added as a slip to the dry mixture of dunite, chromite, and magnesite. A making pressure of at least 500 kg. per sq. cm. is required and the ware is fired at 1,500°–1,600°. For better quality products the pressure is increased to 750 kg. per sq. cm. and the firing temperature is 1,600 maintained for 10 to 12 hours. (Ref. Kart. Sil. Lit., No. 6059, 1939.)

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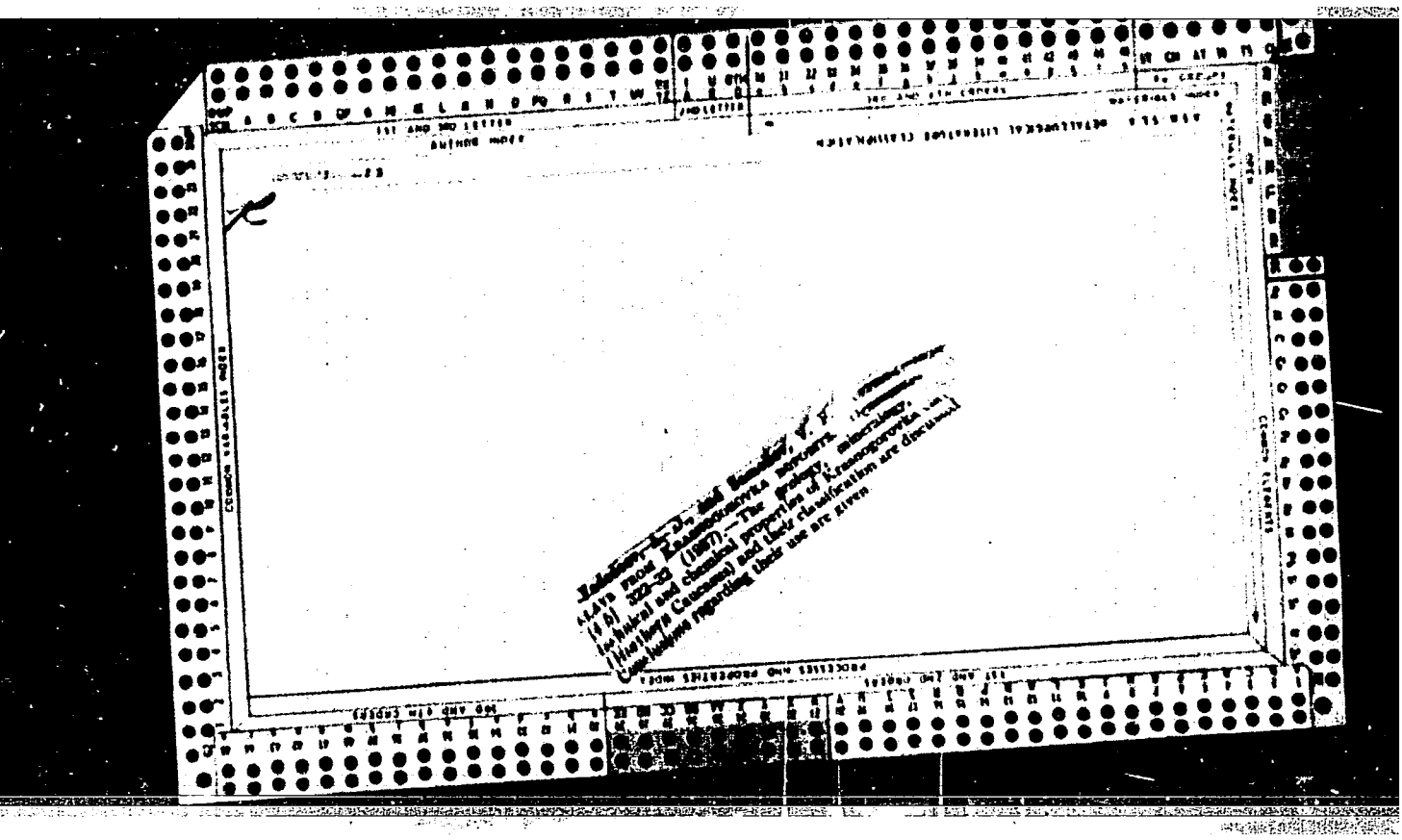

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R

Fedoseev, A. D. REFRACTORY CLAYS OF ARCTIC SIBERIA. *Ogneupory*, 6 [10] 1553 (1938).—Samples of clays and kaolin from the Omsk region, Siberia, are of high grade. Clays and kaolins from this part of Siberia may be used in ceramic products. Data on their properties are tabulated.

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CA

19

investigation of Far East clays and kaolins. A. D. Fedoseev. *Ogneupory* 7, 184 (1939).—Results are given of investigation of 24 clay deposits of the Far East of the U. S. S. R. as to their value for refractories.

E. E. Stefanowsky

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19

CA

The characteristics of Pushija (Ural) flint clay. A. D. Fedoseev. *Ogneupory* 7, 193 4(1939).—This is a high-grade material suitable for the production of grogless refractories. E. E. Stefanowsky

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CA

17

U. S. S. R. flint clays. A. D. Fedoseev. *Огнеупоры* 7, 373-80(1939).—Chem. characteristics of flint clays from different deposits are given. K. K. Stefanowsky

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R

Fedosov, A. D. CLAYS AND KAOLINS OF THE FAR EAST. *Огнеупоры*, 7 [2-3] 184-90 (1940) —The characteristics of clay and kaolin deposits in the Far East are briefly discussed.

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19

Refractory clays of central Kazakstan. A. D. Fedoseev. *Ogneupory* 11, No. 2, 25-36(1946).—Characteristics and properties of refractory clay deposits of central Kazakstan are given. M. V. Condoide

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C

ARGILLITES NEAR THE URGALA RIVER (FAR EAST) AS A REFRACTORY RAW MATERIAL. A. D. Fadoseev. Ogneupory, 11 [3] 11-15 (1946). -- The argillites near the Urgala River in the Far East are widely distributed and reach several meters in thickness. Their importance lies in the fact that they are about 300 km. from the steel plant in the city of Komsomol'sk. Preliminary study shows that they satisfy Russian standards for class B chamotte products. Further laboratory studies and testing are to be carried out. B.Z.K.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

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CA

19

Irkutsk class. A. D. Fedoseev. *Ogneupory* 11, No. 7/8, 19-22 (1946).—This new deposit of refractory clays situated in the Komsomolsk region is for the most part a fine-grained kaolinite, with a refractoriness of about 1710°, a negligible amt. of impurities, a low porosity when fired above 1320°, good plasticity, and fair gradation-in-size of grain. It contains a considerable amt. of fine-grained pyrite. After screening on screen 570 all characteristics improve considerably. The chem. compns., unscreened and screened, resp., are SiO_2 56.20°, 52.15; TiO_2 1.11, 1.35; Al_2O_3 27.27, 31.63; Fe_2O_3 2.19, 1.48; CaO 0.30, 0.43; MgO 0.33, 0.74; SO_3 2.58, 1.06; K_2O 0.89, 0.94; Na_2O 0.28, 0.32; ignition loss 9.33, 11.28; moisture 1.30, 2.12%.

E. B. Stefanowsky

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

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C

Raw materials for refractories of the northwestern metallurgical industry. A. D. Fedosheev. *Ogneupory*, 12 [9] 387-401 (1947).—Details are given on locations (with maps) and characteristics of raw materials in the northwest region of the Soviet Union which can serve as sources of supply in the manufacture of refractories for use by a large metallurgical center to be constructed in Cherepovets, near Leningrad. Preliminary estimates indicate a consumption of 60,000 tons of fire-clay brick, 35,000 tons of Dinas brick, and 60,000 tons of calcined dolomite, in addition to repair powders and special purpose refractories.

B.Z.K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

8

Vladimirovka deposit of kaolins. A. D. Fedosevy and T. A. Aleksandrova. *Ogneupory* 13, [illegible] Extensive data are given on the Vladimirovka kaolin deposit which is not far from Mariupol in the Donets Basin. The kaolins are considered among the best in the Ukrain. S.S.R. The content of Al_2O_3 + TiO_2 varies from 15 to over 40%; most of the samples contained 35 to over 40%. The kaolins are mostly composed of kaolinite and quartz, the latter being noticeable only in the sandy variety. The admixts. of all other minerals are insignificant and have practically no effect on the properties and quality of the material. B. Z. Kamich

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FEDOSEYEV, A.D., professor.

In memory of Professor P.A. Zemiatchenskii. Stek. i ker. 14 no.4:29 Ap '57. (MLRA 10:5)
(Zemiatchenskii, Petr Andreevich, 1856-1942)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D.

[redacted]

Resources of raw materials for the refractories industry in the Chinese Peoples' Republic. Ogneupory 22 no.5:233-236 '57. (MLRA 10:6)

1. Leningradskiy institut ogneuporov.
(China--Refractories industry)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D.

Basic tasks in the field of silicate studies and industry in Transbaikalia. Krat. soob. BKNII no.1:60-62 '59. (MIRA 14:9)
(Buryat-Mongolia--Silicates)

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FEDOSEYEV, A.D., doktor tekhn. nauk, prof., red.; BARZAKOVSKIY, V.P., doktor khim. nauk, red.; GREBENSHCHIKOV, R.G., kand. khim. nauk, red.; BLYUMENAU, D.I., red.; SEMENOVA, A.V., tekhn. red.

[Chemistry and use of silicates] Khimiia i prakticheskoe primenenie silikatov. Pod red. A.D.Fedoseeva, V.P.Barzakovskogo, R.G. Grebenshchikova. Leningrad, TSentr. biuro tekhn. informatsii, 1960. 238 p. (MIRA 14:9)

(Silicates)

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FEDOSEYEV, A.D.

High-alumina refractory materials from Kyakhta sillimanite. Trudy BKNII no.2:122-130 '60. (MIRA 14:10)
(Kyakhta region--Sillimanite) (Refractory materials)

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FEDOSEYEV, A.D., doktor tekhn.nauk

Seventh International Congress on Ceramics in London. Zhur. VKHO 5 no.6:682-683 '60. (MIRA 13:12)

(Ceramics--Congresses)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

23969
S/131/61/000/006/002/003
B105/B206

15.2230 3009, 3209, 3309

AUTHOR: Fedoseyev, A. D.

TITLE: Synthesis of chrysoberyl and the investigation of its properties as refractory material

PERIODICAL: Ogneupory, no. 6, 1961, 285-291

TEXT: Studies of the chrysoberyl ($BeAl_2O_4$) synthesis, conducted at the Institut khimii silikatov AN SSSR (Institute of Silicate Chemistry, AS USSR) are reported, in which B. S. Kondrat'yeva participated. The author bases his report on studies by F. Ya. Galakhov (Ref. 8: Izucheniye glinozemistoy oblasti alyumosilicatnykh sistem (Study of the alumina range of aluminum silicate systems) author's abstract, dissertation for the degree of doctor, 1958). The experiments comprised three stages: 1) Indices of the initial components and their chemical composition. The analyses were made by T. M. Makarova. In connection with the selection of mineralizers (CaO, Li_2O, MnO_2, CaF_2, B_2O_3, MgO, TiO_2), the following names are mentioned: Berezhnoy, Bron, Budnikov and Cherepanov, and Poluboyarinov.

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S/131/61/000/006/002/003
B105/B206

Synthesis of chrysoberyl and the ...

2) The synthesis of chrysoberyl was made without, or with 1, 2 and 3% of the mineralizers at 1830-1890°C (5 sec to 1 min) and quenching at 500-600°C. 3) From the experimental masses Al_2O_3 + BeO without mineralizer (I); Al_2O_3 + BeO + Li_2O (2%)(II) and Al_2O_3 + BeO + CaO (2%)(III), the results of the physical-ceramic tests are mentioned (Tables 3 and 4). Roentgenograms and thermograms of the experimental masses showed that these are identical with the natural chrysoberyl. It was established that lithium oxide and calcium oxide are considered to be the most active mineralizers. The reaction of the formation of chrysoberyl proceeds in the solid phase at 1700-1800°C, and most intensively with admixtures of 2% Li_2O or CaO. Synthetic chrysoberyl has a number of valuable technical properties as highly refractory and electric insulation material. The technology for the production of chrysoberyl masses does not differ from the common scheme of the production of highly refractory oxides. The main conditions are: previous firing of the initial oxides at 1600-1650°C, fine-grinding and careful mixing of the components, introduction of mineralizing admixtures, pressing with an organic plasticizer and firing of the products at 1750-1800°C. The toxicity of beryllium oxide must be considered in

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B105/B206

Synthesis of chrysoberyl and the ...

this connection. The results of the study can serve as a basis for a further detailed elaboration of the technology of highly refractory chrysoberyl masses. Alumina and beryllium oxides can be used for these purposes. There are 6 figures, 4 tables, and 9 references: 4 Soviet-bloc and 5 non-Soviet-bloc. The 3 references to the English-language publications read as follows: S. M. Lang, C. L. Fillmore, L. N. Maxweell, J. Research, N. B. St., 1952, 48, 4; W. R. Foster, H. F. Royal. Journ.Amer.Cer.Soc., 1949, 32, 26; R. F. Geller, P. I. Javorcky, B. L. Steiermann, A. S. Creamer. J. Research, 1948, 36, 277.

ASSOCIATION: Institut khimii silikatov AN SSSR (Institute of Silicate Chemistry, AS USSR)

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S/131/61/000/006/002/003
B105/B206

Synthesis of chrysoberyl and the ...

Legend to Table 3: a) Indices; b) no. of the masses, firing temperature, °C. 1) Linear shrinkage, %; 2) during firing; 3) total shrinkage; 4) water absorption; 5) resistance to heat; 6) apparent porosity, %; 7) weight of unit volume, g/cm³; 8) specific gravity; 9) compressive strength, kg/cm²

Table 3

Показатели a	№ масс, температура сбжига, °C б					
	I		II		III	
	1700	1780	1700	1780	1700	1780
1 Линейная усадка, %:						
2 огневая	1,69	5,51	7,33	8,76	7,66	12,54
3 полная	1,91	5,73	8,17	9,60	8,55	13,43
4 Водопоглощение, %	20,30	18,10	12,40	6,71	7,83	4,15
5 Термостойкость, водяные теплосмены	7	9	9	14	18	12
6 Кажущаяся пористость, %	36,2	30,0	30,7	17,0	21,9	12,1
7 Объемный вес, г/см³	1,72	1,74	2,49	2,52	2,83	2,92
8 Удельный вес	4,8	4,77	4,65	4,45	4,25	4,03
9 Предел прочности при сжатии, кг/см²	188	312	686	980	1800	1980

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Synthesis of chrysoberyl and the ... S/131/61/000/006/002/003
B105/B206

Legend to Table 4: a) Indices; b) no. of the masses (firing at 1780°C); 1) refractoriness, °C; 2) deformation temperature under a load of 2 kg/cm^2, °C; 3) beginning of plasticity; 4) 4% compression; 5) 40% compression; 6) modulus of elasticity at 20°C, kg/cm^2; 7) modulus of rigidity at 20°C, kg/cm^2; 8) Poisson's ratio μ at 20°C; 9) heat-transfer coefficient, kcal/m.hr.degree; 10) coefficient of linear expansion up to 1200°C; 11) dielectric constant E; 12) tangent of the angle of dielectric losses, tan δ ; 13) electrical resistance log ρ ; 14) not determined; 15) ditto

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

S/063/62/007/006/002/002
A057/A126

AUTHOR: Fedoseyev, A. D., Doctor of Technical Sciences

TITLE: VIII. International congress on ceramics in Copenhagen

PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva imeni D. I. Mendeleyeva, v. 7, no. 6, 1962, 678 - 679

TEXT: The International congress on ceramics, held in two-year intervals and called in by the European Ceramical Association, was convened in Copenhagen from May 21 - 25, 1962. More than 1,000 participants of 29 countries were present. To the Soviet delegation belonged N. A. Toropov and Doctor of Technical Sciences Professor A. D. Fedoseyev, the author of present paper. The congress was divided into the following sections: general science, refractory materials, structural ceramics, and fine ceramics. 39 reports were given in these four sections. The topics of the papers were rather different, but the main part dealed with experiments and studies of the physical chemistry and technology of refractory and ceramic materials, the development of new analytical methods and test methods for raw, semifinished and finished materials. Special attention

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

S/063/62/007/006/002/002
A057/A126

VIII. International congress on ceramics in Copenhagen.

was paid to problems of the mechanical strength of porcelain, faience, and refractory materials. The official languages of the conference were English, German, French, and Italian. Besides several reports held by authors from Western countries, two Soviet reports are mentioned in the present discussion; the report brought at the section of general science by N. A. Toropov [Institut khimii silikatov AN SSSR, Leningrad (Institute of Silicate Chemistry of the AS USSR, Leningrad)] on results obtained with I. A. Bondar', and F. Ya. Galakhov under the title: "On high-temperature solid solutions of rare-earth oxides" which paper was published already in Soviet literature. For the section of refractory materials was designated the second Soviet paper written by P. P. Budnikov [Moskovskiy khimiko-tekhnologicheskiy institut im. Mendeleyeva (Moscow Institute of Chemical Technology imeni Mendeleyev)] entitled: "Heat resistant mullite-carborundum and corundum-carborundum refractory materials" not reported in the absence of the author, but fully published in the reports of the congress. These two Soviet reports are not discussed in the present paper, like the western papers, but concluding his discussion the author points out the importance of a participation of Soviet scientists in the international ceramic congress, because of personal contacts with specialists of other countries and information

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

VIII. International congress on ceramics in Copenhagen S/063/62/007/006/002/002
A057/A126

upon latest developments in this field. He mentions also the leading role of the Soviet silicate science and technique, especially in the field of rare and rare-earth-element silicates for the production of refractory compounds and materials. The next International congress on ceramics will be held in Bruxelles in 1964.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A. D.; KUKHARSKAYA, Ye. V.

"Organic derivates of kaolin."

Report submitted for the International Clay Conference, Stockholm, Sweden, 12-16 Aug 63.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ACCESSION NR: AT5007733 S/0000/63/000/000/0180/0190

AUTHOR: Fedoseyev, A. D.; Grigor'yeva, L. F.; Krupennikova, Z. V.

[illegible] and study of fibrous minerals of the type of amphibole asbestos

[illegible] AN SSSR. Institut khimii silikatov. Silikaty i okisly v khimii vysokikh [illegible] and oxides in high-temperature chemistry. [illegible] 190

[illegible] fibrous mineral, asbestos, synthetic amphibole, amphibole composition, [illegible] fluoroupferrite, fluortremo[illegible]

[illegible] The authors studied the conditions of formation of amphiboles having a [illegible]

[illegible] most reproducible results [illegible] The optimum temp[illegible] fibrous amphiboles were also determined. The synthetic [illegible]

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ACCESSION NR: AT5007733

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richterite was shown to be very close in composition to theoretical richterite. The [illegible] magnesium richterite was analyzed thermographically and the changes [illegible] were determined by G. A. Rozn[illegible] [illegible] chemical composition of synthetic amphibole was determined by K. G. [illegible] using a microchemical method [illegible]

ASSOCIATION: none

SUBMITTED: 0000063 ENCL: 00 SUB CODE: MT

NO REF SOV: 007 OTHER: 018

Card 2/2

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ACCESSION NR: AP3000130 S/0062/63/000/005/0932/0934

AUTHOR: Skorik, Yu. I.; Gileva, K. G.; Kuharskaya, E. V.; Fedoseyev, A. D.

TITLE: Increasing the number of surface triple-bond Si single-bond OH groups in lamellar silicate

SOURCE: AN SSSR. Izvestiya. Otdeleniye khimicheskikh nauk, no. 5, 1963, 932-934

TOPIC TAGS: chrysotile, serpentine asbestos, acid hydroxyl groups, kaolin, ultrasound irradiation

ABSTRACT: The surface of natural chrysotile (serpentine asbestos) contains a significant amount of acid hydroxyl groups (approximately 1.3%) bound to the Si atoms. The number of -OH groups can be increased by pulverizing the silicate ultrasonically in an aqueous medium (about 2% -OH in 1/2 hour). The method of analysis for free H atom which was proposed by Terents'yev and Kireyeva (Izv. AN SSSR, Otd. khim. n. 1951, 172) was used for the quantitative determination of the triple-bond Si single-bond OH group on the surface of the silicate. The -OH in kaolin was similarly increased by ultrasound irradiation from about 0.6 to 1.8%. Orig. art. has: 1 table.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

ACCESSION NR: AP3000130

ASSOCIATION: Institut khimii silikatov im. I. V. Grebenshchikova Akademii nauk SSSR (Institute of Silicate Chemistry, Academy of Sciences SSSR)

SUBMITTED: 12Dec62 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: CH NO REF SOV: 003 OTHER: 008

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

KUKHARSKAYA, E.V.; FEDOSEYEV, A.D.

Organic derivatives of silicates with laminated structure.
Usp.khim. 32 no.9:1113-1123 S '63. (MIRA 16:9)

1. Institut khimii silikatov AN SSSR.
(Silicates) (Silicon organic compounds)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D.; KORYTKOVA, E.N.

Behavior of zeolites of the natrolite group during heating. Zap.Vses. min.ob-va 92 no.4:410-419 '63. (MIRA 17:2)

1. Institut khimii silikatov imeni I.V.Grebenshchikova AN SSSR, Leningrad.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D., doktor tekhn.nauk

International Conference on Clays in Sweden. Zhur.VKHO 9 no. 2: 224-225 '64. (MIRA 17:9)

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FEDOSEYEV, A.D., doktor tekhn. nauk, prof.

International forum for the study of clay held in Stockholm.
Stroi. mat. 10 no.1:38-39 Ja'64. (MIRA 17:5)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDORIYEV, A.P., doktor tekhn. nauk

International congress in Sweden on the study and use of clay. Stek. i ker. 21 no.1:44-45 Ja '64. (MIRA 17:8)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D.

International conference on the study and use of clays. Ogneupory 29 no.1:44-46 '64. (MIRA 17:3)

1. Institut khimii silikatov im. I.V.Grebenshchikova AN SSSR.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

FEDOSEYEV, A.D.; CHIGAREVA, O.G.

Synthetic fibrous fluorine-magnesium arfvedsonite. Dokl. AN SSSR 156 no. 5:1130-1132 Je '64. (MIRA 17:6)

1. Institut khimii silikatov im. I.V.Grebenshchikova AN SSSR. Predstavleno akademikom I.V.Tananayevym.

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

KORYTKOVA, E.N.; FEDOSEYEV, A.D.

Dehydration and structural deformations of desmine on heating. Izv. AN SSSR Ser. khim. no.11:1925-1930 N '64 (MIRA 18:1)

1. Institut khimii silikatov im. I.V. Grebenshchikova AN SSSR.

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