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GRITSAYENKO, Yu.A., kand.tekhn.nauk

Heat generation at worn-out surfaces of cutting tools. Vest.mashinostr. 43 no.11:59-62 N '63. (MIRA 17 2)

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GRITSAYENKO, Yu.A.

Control of drill-bit efficiency indices. Mash. i neft. obor. no.3:19-24'63 (MIRA 17:7)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni I.M. Gubkina.

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S/121/62/000/006/010/011
D040/D113

Vibrational cutting

in deep drilling in BK- (VK8) carbide by 30%. The Khar'kovskiy politekhnicheskiy institut (Khar'kov Polytechnic Institute) stated improvements in abrasive working. According to TsNIIMASh, the optimum direction of ultrasonic tool vibration is that of the vector of cutting speed. The MVTU and the Tula Mechanical Engineering Institute obtained good results with special hydraulic vibrators. The industrial application of vibrational cutting will depend considerably on the simplicity and cost of vibrators. The conference recommended wider industrial use of low-frequency vibration, further research into applied ultrasonic vibration, and coordination of research.

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have not yet been clarified. No instruments are yet available for measuring the real parameters of ultrasonic vibration in the cutting process. TSNIITMASh experimented with vibrational turning of 1X18H9T (EKh18N9T) steel; increased durability was observed only at certain vibration amplitudes where vibrations occurred at right angles to the tool surface subject to the highest wear. Metal temperature in vibrational cutting was higher than in conventional cutting, the chip shrinkage was halved, the mean cutting effort reduced, and the work surface finish improved. The same was observed in turning and reaming 2 other steels and the BT 2 (VT2) titanium alloy. Data compiled by MVTU im. Baumana (MVTU im. Bauman) showed that the life of drills in drilling holes in nuts of stainless steel was trebled; even better tool life was observed in cutting heat-resistant steels with high-speed steel cutters when the vibration was perpendicular to the work surface, and the vibration amplitude was low (10μ); frequencies and amplitudes below 500 cps in work with hydraulic and electrohydraulic devices permitted dependable splitting of chips and reduced the cutting effort; the temperature dropped in certain cutting conditions. The Tul'skiy mekhanicheskiy institut (Tula Mechanical Engineering Institute) could raise the feed of drills

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S/121/62/000/006/010/011
D040/D113

AUTHORS: Daniyelyan, A.M., and Gritsayenko, Yu. A.

TITLE: Vibrational cutting

PERIODICAL: Stanki i instrument, no. 6, 1962, 43-44

TEXT: In February 1962, a conference was held in Moscow by the Moskovskoye NTO Mashprom (Moscow NTO Mashprom) and the Moskovskiy dom nauchno-tekhnicheskoy propagandy im. F.E. Dzerzhinskogo (Moscow House of Scientific and Technical Propaganda im. F.E.Dzerzhinskiy) to discuss the development of the use of ultrasonic vibration in metal cutting. Seven reports heard at the conference are reviewed and the work done by different organizations outlined. Generally, research seems to be in the embryo stage, and any final recommendations for industry are as yet impossible. Most experiments were conducted at low cutting speed. The proper cutting speed range and the effect of ultrasonic vibration on the size of plastic deformation, the wear and durability of tools, the cutting force and temperature, the strain hardening of metal in the cutting zone, machining accuracy, surface finish, optimum vibration frequency and optimum wave orientation

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S/123/62/000/005/008/010
A052/A101

Tools with shortened surfaces

tools of the new design compared with usual ones, which is due to a lower friction work on back surfaces. A high dimensional stability of the tools of the new design is pointed out, which secures the precision of machined parts. There are 2 references and 10 figures.

I. Bernshteyn

[Abstracter's note: Complete translation]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

S/123/62/000/005/008/010
A052/A101

1.4000

AUTHOR: Gritsayenko, Yu. A.

TITLE: Tools with shortened surfaces

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 5, 1962, 75, abstract 5B449 ("Tr. Mosk. in-t neftekhim. i gaz prom-sti", no. 34, 1961, 120 - 127)

TEXT: The effect of the length of the wear areas on the front and back surfaces of the tool on the magnitude of cutting force components has been investigated. A new tool design is suggested which limits the growth of wear areas as a result of shortening front and back surfaces of the cutting wedge by notching special grooves in them. Experimental curves show that tools of the new design reduce, compared to the usual tools, the power consumption, the specific work (per a machined surface unit) and the work input of the tool. Comparative service life tests of usual tools and tools with shortened surfaces carried out under industrial conditions on MP5 (MR5) semiautomatic lathes when turning ШХ15 (ShKh15) bearing steel races (s = 0.75 mm/rev, t = 1.82 mm and v = 115.7 m/min) have shown a threefold increase of the service life of the

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SOV/137-58-10-20942

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 80 (USSR)

AUTHORS: Kershenbaum, Ya.M., Krylov, K.A., Gritsayenko, Yu.A.

TITLE: Hot Knurling of Drill Roller Bit Teeth (Gorvacheye nakatyvaniye zub'yev sharoshek burovykh dolot)

PERIODICAL: Materialy Mezhvuz. nauchn. soveshchaniya po vopr. novoy tekhn. v neft. prom-sti. 1958, Vol 3, pp 114-155

ABSTRACT: A description is offered of 4 methods of knurling the teeth of drill roller bits of grades 12KhN2, 40, 40KhN, and 30KhGS steels. The methods are developed by the Department of Machinery Engineering Technology of the Moscow Petroleum Institute and introduced at the "Krasnyy Metallist" (Red Metal Worker) Plant in Konotop. Note is taken of the long life of the roller bit teeth, the considerable saving of material, and the high output rate of this process. The heating procedure and the types of tools and their service lives are presented.

1. Well drilling--Equipment 2. Cutting tools--Machining
3. Cutting tools--Temperature factors

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GRITSAYENKO, Yu.A., dotsent, kandidat tekhnicheskikh nauk.

Theory of the wear of metal-cutting tools with hard-alloy tips. Trudy MNI no.17:221-237 '56. (MLRA 9:10)
(Cutting tools)

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GRITSAYENKO, Yu.A., dotsent, kandidat tekhnicheskikh nauk.

Shrinkage of cuttings. Trudy MNI no.17:207-220 '56. (MIRA 9:10)
(Metal cutting)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAYENKO, Yu.A., kandidat tekhnicheskikh nauk.

Cutting properties of tool materials. Vest.mash. 33 no.10:33-36 O '53. (MLRA 6:10)

(Metal cutting) (Tool steel)

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GRITSAYENKO, Yu.A., kandidat tekhnicheskikh nauk

Increasing the productivity of the cutting process. Trudy MMI no.13:245-250 '53. (MLRA 8:6)

(Metal cutting)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAYENKO, Yu. A.

"Investigation of Certain Problems in High-Speed Turning of the Parts of Oil-Field Machines."

Thesis for degree of Cand. Technical Sci.
Sub 27 Jun 50 Moscow Order of Labor Red Banner Petroleum Inst. imeni I. M. Gubkin

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva. Jan-Dec 1950.

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The Production of Chamotte-Free Semi-Acid Bricks in the "Red Star" Works 131-2-9/10

kaolin from the source of Vladimir VL - 1 - 23,5 %, and quartz sand KK - 55 %. The granular composition of the charge components can be seen from table 1. The unworked pieces were pressed on a Samarin - press at a humidity content of 15,4-16 % and were dried in tunnel drying stoves in the course of 24 hours at a temperature of 62°C. Furthermore, the baking regime is given, during which process the bricks shrank by 6'2 % in length, 6'0 % in width and 7'1 % in thickness. The physical and chemical parameters are given in table 2. The quality of the semi-acid normal bricks meets the demands of GOST - 4873 - 49.
There are 1 figure, and 2 tables.

ASSOCIATION: "Red Star" Plant for Refractory Products (Ogneuporngy zavod "Krasnaya Zvezda").

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

Gritsayenko V. Ya.

AUTHOR: Gritsayenko, V. Ya. 131-2-9/10

TITLE: The Production of Chamotte-Free Semi-Acid Bricks in the "Red Star" Plant (Proizvodstvo beshamotnogo polukislogo kirpicha na zavode "Krasnaya Zvezda").

PERIODICAL: Ogneupory, 1958, Nr 2, pp. 95-96 (USSR)

ABSTRACT: The quartz sand of the Kondrat'yevsk source can replace the chamotte scrap in the production of semi-acid normal bricks. This quartz sand (type KK) is supposed to contain not less than 85 % of SiO_2 and not more than 0'5 % of Fe_2O_3 in correspondence with the standard specification

TUNK Ch M - 39

As a result from experimental investigations, in which M. K. Smilko, O. A. Savchenko, and V. V. Kovalenko participated, it was stated, that the quartz sand after having been milled and sieved can replace the chamotte scrap. The charge composition of chamotte-free bricks is as follows:

Clay Ch-P - 21,5 %

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~~GRITSAYENKO, V.Ya.~~

GRITSAYENKO, V. Ya.

15

1325 The rapid firing of casting-pit accessories in a gas-fired ring kiln. I. S. Derii and V. Ya. Gritsayenko (Ogneupory, 21, 13, 1956). In Russian. Rate of fire-travel can be increased without impairing quality provided that: there are 5 chambers preheating; the kiln operates under negative pressure (2-3 mm. w.g. in the firing chamber and 5-6 mm. w.g. in the chamber behind); the firing-time should be reduced by increasing the temperature at 5° C./hr. above 500° C.; cooling is speeded up by intensive extraction of air from the cooling chambers, the draught in the air flue being not less than 30 mm. w.g. Accelerating the cooling by forcing air in from outside causes cracking. (2 figs.)

Matts

PM 2

PM ms

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GRITSAYENKO,V.Ya.; SMILKO,M.K.

Removal of structural defects in stoppers and pouring heads made by the plastic molding method. Ogneupory 20 no.3:137-139 '55. (MLRA 8:8)

1. Kondrat'yevskiy ogneupornyy zavod "Krasnaya zvezda" (Refractory materials)

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GRITSAYENKO, V.Ya., inzh.

Repressing stopper tubes using a cable press at the "Krasnaia Zvezda" Plant. Ogneupory 19 no.6:279-282 '54. (MIRA 11:10)
(Refractory materials) (Power presses)

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CA

Production of crown silica brick from the Yasnovat, Lozov, and Tarasov quartzite deposits. V. Ya. Gritsaenko. *Огнеупоры* 12, 35-6(1947).—The production scheme for silica bricks which withstood 196 runs in a 130-ton open-hearth furnace is described. N. Thon

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GRITSAYENKO, V. YA.

USSR/Nozzles, Ceramic
Magnesium, Cast

Jul 1947

"The Production and Service of Chamotte Magnesium (Biceramic) Steel Casting Nozzles," V. Ya. Gritsayenko, 3 pp

"Ogneupory" No 7

Describes the greater resistance of Chamotte magnesium nozzles over Chamotte nozzles to the eroding effect caused by molten metal on the walls of the nozzles. Diagrams and figures.

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GRITSAYENKO, V.I., aspirant

Theory of the mechanism of grain grinding in a hammer mill.
Izv. vys. ucheb. zav.; mashinostr. no.6:125-132 '65.
(MIRA 18:8)

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GRITSAYENKO, V.I., inzh.

The KDU-2,0 universal feed crusher. Trakt i sel'khozmash. no.6:36-37 Je'64 (MIRA 17:7)

1. Ukrainskaya ordena Trudovogo Krasnogo Znameni sel'skokhozyaystvennaya akademiya.

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SHERSTYUK, D.S., inzh.; GRITSAYENKO, V.I., inzh.

The DKU-1.0 universal feed crusher. Trakt. i sel'khozmash. no.2: 41 F '64. (MIRA 17:3)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po sel'skokhozyaystvennym mashinam (for Sherstyuk). 2. Ukrainskaya sel'skokhozyaystvennaya akademiya (for Gritsayenko).

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GRITSAYENKO, I.S.

Work of the technical supply service of the "Dobropol'yeugol'" Trust. Ugol' Ukr. 9 no.12:26-27 D '65. (MIRA 19:1)

1. Nachal'nik otdela tekhnicheskogo snabzheniya tresta Dobropol'yeugol'.

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AM5014982

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AVAILABLE: Library of Congress

SUB CODE: ES SUBMITTED: 04Feb65 NO REF SOV: 188

OTHER: 118

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Ch. III. Associations of nonoxidized uranium minerals in epigenetic deposits -- 37

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Ch. VI. Classification of exogenous uranium deposits -- 83

Ch. VII. Exodiagenetic deposits (Type 5) -- 113

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13

have been used in this book, and some of the investigations carried out by the present authors are published in this book for the first time. Several names of Soviet scientists working in this field are mentioned. V. A. Uspenskiy collaborated on Ch. X, and M. A. Viselkina on Ch. III. The authors thank A. A. Saukov, deceased, Corresponding Member Academy of Sciences USSR, and F. I. Vol'fson, D. G. Sapozhnikov, V. I. Gerasimovskiy, M. F. Strelkin, G. S. Gritsayenko, and I. P. Kushnarev, Doctors of Geologico-Mineralogic Sciences; V. I. Danchev, Candidate of Geologico-Mineralogic Sciences, and N. A. Volokovykh. There are about 12 pages of references of which about 3/4 are Soviet.

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L 50000-65 EPA(n)-2 /EWT(m)/EPF(n)-2/T/EWP(t)/EWP(b)/EWA(c) Pu-4
IJP(c) WVH/ES/JD/WW/JG

AM5014982 BOOK EXPLOITATION UR/553.061:546.79

47
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B+1

Batulin, S. G.; Golovin, YE. A.; Zelenova, O. I.; Kashirtseva, M. F.; Kovrova, G. V.; Kondrat'yeva, I. A.; Lisitsin, A. K.; Perel'man, A. I.; Sindel'nikova, V. D.; Chernikov, A. A.; Shmariovich, YE. M.

Exogenous epigenetic deposits of uranium; formation conditions (Ekzogennyye epigeneticheskiye mestorozhdeniya urana; usloviya obrazovaniya). Moscow, Atomizdat, 1965. 321 p. illus., biblio. Errata slip inserted. 1100 copies printed.

TOPIC TAGS: deposit formation, epigenetic theory, exodiagenetic deposit, surface uranium accumulation, uranium bituminous deposit, uranium deposit, uranium, nuclear fuel. 19

PURPOSE AND COVERAGE: This book is intended for readers specializing in the geology of ore deposits, in particular for those concerned with atomic raw materials, and also for students of higher-education institutions. In the book, for the first time in Soviet and foreign literatures, the epigenetic theory of uranium-deposit formation is expounded. Many Soviet and foreign source materials

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAYENKO, G. S.

"The establishment of the mineral inhomogeneity by means of electron microscopy."

report submitted to 3rd European Regional Conf. Electron Microscopy, Prague, 26 Aug-3 Sep 64.

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GRITSAYENKO, G.S.; FROLOVA, K.Ye.

Electron microscope study of ore minerals. Geol.rud.mestorozh. 5 no.1:84-98 Ja-F '63. (MIRA 16:3)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Electron microscopy) (Mineralogy, Determinative)

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GRITSAYENKO, G.S.; SAMOTOIN, N.D.

Self-shadowed carbon replicas of cross-sectional views of mineral aggregates. Zap. Vses. min. ob-va 91 no.1:84-86 '62. (MIRA 15:3)

(Electron microscopy) (Aggregates (Building materials))

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GRIGOR'YEV, D.P.; BONSHTEDT-KUPLETSKAYA, E.M.; BORNEMAN-STARYNKEVICH, I.D.; GRITSAYENKO, G.S.; TATARSKIY, V.B.; FRANK-KAMENETSKIY, V.A.

To all mineralogists of the Soviet Union. Zap.Vses.min.ob-va 90 no.5:607-608 '61. (MIRA 14:10)

1. Predsedatel' Komissii po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for Grigor'yev). 2. Komissiya po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for all).
(Mineralogical societies)

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GRITSAYENKO, G.S.; GORSHKOV, A.I.

Enveloping replicas from separate particles. Zap.Vses.min.ob-va 90 no.3:266-269 '61. (MIRA 14:10)
(Electron microscopy)

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GRITSAYENKO, G.S.; RUDNITSKAYA, Ye.S.; GORSHKOV, A.I.; KUSHNIR, Yu.M., otv. red.; MERGASOV, G.G., red. izd-va; SHEVCHENKO, G.N., tekhn. red.

[Electron microscopy of minerals; equipment, research methods, and preparation techniques] Elektronnaia mikroskopiia mineralov; apparatura, metody issledovaniia i tekhnika prepariro-vaniia. Moskva, Izd-vo Akad.nauk SSSR, 1961. 131 p. (MIRA 15:2)

(Minerals) (Electron microscopy)

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GRITSAYENKO, G.S.; BELOVA, L.N.

"Uranium minerals; handbook" by M.V.Soboleva, I.A. Pudovkina. Reviewed by G.S.Gritsaenko, L.N.Belova. Zap.Vses.min.ob-va 89 no.2:247-250 '60. (MIRA 13:7)

1. Deystvitel'nyye chleny Vsesoyuznogo mineralogicheskogo obshchestva.
(Uranium) (Soboleva, M.V.) (Pudovkina, I.A.)

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GRITSAYENKO, G.S.; GORSHKOV, A.I.; FROLOVA, K.Ye.

Using coal and cellulose-coal replicas for studying fractured surfaces of mineral aggregates. Zap.Vses.min.ob-va 89 no.2: 152-159 '60. (MIRA 13:7)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva (for Gritsayenko).

(Mineral aggregates) (Electron microscopy)

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GRITSAYENKO, G.S.; RUDNITSKAYA, Ye.S.

Electone microscopy apparatus in Czechoslovakia. Zap. Vses. min. ob-va 89 no.1:138-139 '60. (MIRA 13:10)
(Czhechoslovakia--Electron microscopy)

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GRITSAYENKO, G.S.

21(4) PHASE I BOOK EXPLOITATION SOV/2714

International Conference on the Peaceful Uses of Atomic Energy. 2nd, Geneva, 1958

Doklady sovetskikh uchenykh; yadernoye goryucheye i reaktornyye metally. (Reports of Soviet Scientists; Nuclear Fuel and Reactor Metals) Moscow, Atomizdat, 1959. 670 p. (Series: Its: Trudy, vol. 3. 8,000 copies printed.

Ed. (Title page): A.A. Bochvar, Academician, A.P. Vinogradov, Academician, V.S. Yemel'yanov, Corresponding Member, USSR Academy of Sciences, and A.P. Zefirov, Doctor of Technical Sciences; Ed. (Inside book): V.V. Pereverzev and G.M. Pchelintseva; Tech. Ed.: E.I. Mazel'.

PURPOSE: This volume is intended for scientists, engineers, physicians, and biologists working in the production and peaceful application of atomic energy; for professors and students of schools of higher technical education where the subject is taught; and for people interested in atomic science and technology.

COVERAGE: This is volume 3 of a 6-volume set of reports on atomic energy, presented by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy, held in Geneva from September 1 to 13, 1958. Volume 3 consists of two parts. The first part, edited by A.I. Lubov, is devoted to geology, prospecting, concentration and processing of nuclear source material. The second part, edited by G.L. Zverev, includes 27 reports on metallurgy, metallography, processing technology of nuclear fuels and reactor metals, and neutron irradiation effects on metals. The titles of the individual papers in most cases correspond word for word with those in the official English language edition on the Conference proceedings. See SOV/2081 for the titles of the other volumes of the set.

Rozhkova, Ye.V., Ye.G. Razumnaya, M.B. Serebryakova, and O.V. [illegible]. The Role of Sorption in the Process of Uranium Concentration in Sedimentary Rocks (Report No. 2059) 13

Rafal'skiy, R.P. The Experimental Investigation of the Conditions of Uranium Transport and Deposition by Hydrothermal Solutions (Report No. 2067) 33

Nekrasova, Z.A. Form Occurrence of Uranium in Some Coals (Report No. 2082) 54

Gritsayenko, G.S., L.N. Belova, R.V. Gertseva, and K.T. Savel'yeva. Mineralogical Types of Oxidation Zones of Hydrothermal Uranium and Uranium Sulfide Deposits in the USSR (Report No. 2155) 69

Kushnarev, I.P., L.I. Lukin, B.L. Rybalov, Ye. P. Sonyushkin, and L.V. Khoroshilov. General Laws Governing the Localization of Uranium Mineralization and the Basic Types of Structures of Hydrothermal Uranium Deposits (Report No. 2492) 85

Card 3/11

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GRITSAYENKO, G.S.

Second conference on electron microscopy. Zap. Vses. min. ob-va 87 no.4:525-526 '58. (MIRA 12:1)
(Electron microscopy)

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GRITSAYENKO, G.S.; GORSHKOV, A.I.; FROLOVA, K.Ye.

Studying minerals by the replica method. Zap. Vses. min. ob-va 87 no.3:269-276 '58. (MIRA 11:10)
(Electron microscopy)

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GRITSAYENKO, G.S.; RUDNITSKAYA, Ye.S.

Electron microscopy laboratories in the German Democratic Republic. Zap. Vses. min. ob-va 87 no.2:245-250 '58. (MIRA 11:9)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva (for Gritsayenko).
(Germany, East--Electron microscopy)

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GRITSAYENKO, G. S.

"Oxidation Zone of Hydrothermal Uranium and Sulphide-Uranium Deposits in the USSR", by G. S. Gritsayenko and L. N. Belova

Report presented at 2nd UN Atoms-for-Peace Conference, Geneva, 9-13 Sept 1958.

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GRITSAYENKO, G.S.

GRIGOR'YEV, D.P.; BONSHTEDT-KUPLETSKAYA, E.M.; GRITSAYENKO, G.S.; MIKHEYEV, V.I. [deceased]; TATARSKIY, V.B.

From the Commission of New Minerals of the All-Union Mineralogical Society. Zap. Vses. min. ob-va 86 no.2:315-316 '57. (MLRA 10:6)

1. Predsedatel' Leningradskogo gornogo instituta (for Grigor'yev and Mikheyev). 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii Akademii nauk SSSR, Moskva (for Bonshtedt-Kupletskaya and Gritsayenko). 3. Leningradskiy gosudarstvennyy universitet (for Tatarskiy).
(Mineralogical societies)

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GRITSAYENKO, G.S.

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BRITSAYENKO, G.S.

Geological sections of exhibits in Geneva and Delhi. Zap.Vses. min.ob-va 85 no.2:265-269 '56. (MLRA 9:9)

(Geneva--Geology--Exhibitions) (Delhi--Geology--Exhibitions)

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15-57-5-6207

The Use of the Electron Microscope for Studying Finely (Cont.)

value. In this case, valuable as well for the study of the minutest details of the surfaces, the method of surface casts, or of so-called replicas, is used. The paper is illustrated by 20 electron photomicrographs of minerals studied by the suspension method and 6 photomicrographs by the replica method.

Card 2/2

G. S. G.

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15-57-5-6207

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5, p 73 (USSR)

AUTHOR: Gritsayenko, G. S.

TITLE: The Use of the Electron Microscope for Studying Finely Dispersed Minerals (Primeneniye elektronnogo mikroskopa k izucheniyu tonkodispersnykh mineralov)

PERIODICAL: Mineralog. sb. L'vovskogo geol. o-va, 1956, Nr 10, pp 81-87.

ABSTRACT: The method gives best results on suspensions of finely dispersed minerals when these minerals are easily, and without noticeable crushing, separating along natural boundaries in a liquid medium, or when they are carefully pulverized in a wetted state (mountain leather, all clays, asbestos, etc.). During preparation of suspensions from dense aggregates, especially of minerals that do not have good cleavage or that are brittle, the morphology of the particle is largely destroyed and this method of study loses its special

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GRITSAYENKO, G.S.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4184

Author : Gritsayenko, G.S., Berkhin, S.I., Rudnitskaya, Ye.S.
Inst : Academy of Sciences USSR
Title : Dependence of the Composition of Clayey Minerals on Nature of the Environment

Orig Pub : Sb. Kora vyvetrivaniya. No 2, M., AN SSSR, 1956, 101-106

Abstract : On studying the mineralogy of the zone of oxidation of some polymetallic deposits, the following was ascertained: 1) kaolinite is found in the sections of most intensive development of sulfides -- in an acidic environment (pH < 7); 2) halloysite -- with a relatively slight development of sulfides -- in a neutral environment (pH 6.5-7.5) and 3) montmorillonite and nontronite -- only in lateral rocks containing no sulfide phenocrysts -- in an alkaline environment (pH 7.5-8). There is presented a brief characteristic of the above-listed minerals including typical thermograms, roentgenograms and electron microphotographs.

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GRITSAYENKO, G.S.

Main problems in the mineralogy of sedimentary rock; at a meeting in Lvov. Vest.AN SSSR 25 no.9:103-104 S '55. (MLRA 8:12)
(Rocks, Sedimentary)

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GRITSAYENKO, G.S.

Meeting on mineralogy and geochemistry. Zap.Vses.min.ob-va 83 no.3: 295-304 '54. (MLRA 7:11)
(Mineralogy) (Geochemistry)

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GRITSAYENKO, G.S.; SLUDSKAYA, N.N.; AYDINYAN, N.Kh.

Synthesis of vaesite and polydymite. Zapiski Vsesoyuz. Mineralog. Obshchestva 82, 42-52 '53. (MLRA 6:4)
(CA 47 no.17:8592 '53)

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Aidyrlite from Novo Aidyrlinsk, S. Ural. — G. S. Gut-
sunko, N. Kh. Abdu'yan, and V. P. Butuzov. *Zapiski*
Vsesoyuz. Mineral. Obshchestva (Mem. soc. russe minéral.)
79, 28-32(1950); cf. Godlevskii, C. A. 31, 340[1]. The
mineral was described as the compd. $2NaO \cdot 2Al_2O_3 \cdot 3SiO_2 \cdot$
$7.5H_2O$, with slight variations of the stoichiometric ratios.
This variable character and the gel-like habit make it some-
what problematic whether or not aidyrlite consists of a
mixed colloid which, after crystn. would be disintegrated
to opal and a mixt. of Ni and Al hydroxides, or even
perhaps a Ni aluminate. The const. character of the
x-ray diagrams of different aidyrlite occurrences is, on the
other hand, a rather strong evidence for the assumption of
a distinct chem. compd. Nevertheless, the true character
of aidyrlite is not yet sufficiently confirmed, and the name
may only be used for a description of gels of the mentioned
type, and not as a fixed mineral species. The doubts of the
authors are confirmed by serious discrepancies in the chem.
analyses, especially in SiO_2, NiO, and H_2O contents, which
are evident in a comparison with Godlevskii's data. The
association of aidyrlite with allophane and kibdelite is very
intimate, and the mixed aggregate often makes a surpris-
ingly homogeneous impression. Only the more or less
intense color (apple-green to bluish green) of the
mineral sometimes makes a distinction possible. The n
varies between 1.555 and 1.561 for γ, 1.550 and 1.558 for
β, the birefringence between [illegible] and [illegible], and
α - γ is [illegible]. The same
distinction from opal (n_D = 1.4[illegible]) is easy. The same
indexes in Godlevskii's samples or even lower, given to Godlevskii's
lower. The CuO content of 1.[illegible] is of the
doubtlessly a contamination. The authors are of the
general opinion that aidyrlite is not a definite single but a
more or less opal mixed Ni-Al hydroxide. The heating
curve of the gel-like material shows endothermic effects
at 100-250° and 360-410° which are typical for the
hydroxides, those at 440-500° and 840-880° (the latter
exothermic) for admixed silicate hydrates. Gibbsite lines
are present in the powder diagram, but those for $Ni(OH)_2$
are absent. W. Eitel

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6

C. A.

Synthesis and investigation of artificial millerite. G. S. Grigsacenko, N. N. Sludskaya, and N. Kh. Ardinyan. *Izvest. Akad. Nauk. U.S.S.R., Ser. Geol.* 2, 112-29(1950).—The synthesis of mono- and di-sulfides of Ni from solns. of varying acidities was studied. From aq. solns. of $NiSO_4$, both with and without addn. of free acid, a ppt. identical with natural millerite is obtained. The sepn. of millerite was accompanied by formation of a film of NiS_2 at the liquid-gas boundary. Absence of β-millerite in samples of natural millerite showed that natural millerite does not form at temps. above 300°. From Fe-Ni solns., with and without addn. of acid, bravoite forms in addn. to millerite. Therefore, it is not true that Ni and Fe-Ni disulfides always form at higher temps. (about 300°). The normal order of sepn. from the solns. used in the expts. was: millerite → bravoite, and then concn. of the remaining Fe solns. should allow FeS_2 to sep. The disruption of this order is rarely observed, and then only at the boundary between solid phases.

Gladys S. Macy

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PA 157T71

USSR/Minerals - Nickel Mines
Metallography

Jan/Feb/Mar 50

"Aydyrlite From the Novo-Aydyrlinskiy Deposit in the Southern Urals," G. S. Gritsayenko, Active Mem, ~~Acad Sci USSR~~, N. Kh. Aydin'yan, V. P. Butuzov, Inst of Geol Sci, Inst of Cryst, Acad Sci USSR, 5 pp

"Zapiski v-s Mineral Obshch" No 1

Aydyrlite, first described by M. N. Godlevskiy as new nickel aluminosilicate with formula $2\pm NiO \cdot 2\pm Al_2O_3 \cdot 3SiO_2 \cdot 7.5H_2O$, is actually

157T71

USSR/Minerals - Nickel Mines (Contd)

Jan/Feb/Mar 50

a gel system, which may break down in crystallization into opal and a complex hydrate of nickel aluminate. Constancy of Debye's gram suggests that aydyrlite is not a simple mechanical mixture of certain components but a definite compound requiring further study.

157T71

GRITSAYENKO, G. S.

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Chromium-bearing halloysite from Aidyrlinsk, Southern Urals. G. S. Gritsaenko and S. V. Grum-Grzhimailo. *Zapiski Vsesoyuz. Mineral. Obshchestva* (Mém. soc. russe minéral.) **78**, No. 1, 61-3(1949).—Light-bluish halloysite was previously described by Vernadskii as Ni-bearing.

The authors demonstrate that Cr_2O_3 (0.50-0.10%) is the coloring principle in such halloysites (2 complete analyses are given in which the relatively low water content is remarkable). The mineral consists of 77% halloysite and 23% metahalloysite. The heating curve does not show any particular effects, but those of ordinary halloysite. The Cr content influences only the color of the mineral. A spectral-analytical examn. (with the spectrophotometric eyepiece) gave an absorption curve with a marked max. at λ = 600 mμ, and a second absorption held beyond 400 mμ. The short-wave infrared absorption does not show any particularities. The presence of Cr^{3+} is also confirmed; only the bluish (not greenish as normal) tint of the mineral distinguishes it from similar halloysites.

W. Eitel

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GRITSAYENKO, G. S.

Jan/Feb/Mar 48

USSR/Minerals
Sulfides
Nickel

"Some Notes on the Article by I. S. Volynskiy, 'Mineralogy of Sulfide Concentrations of the Novo-Aydyrlinsk Nickel Deposits'," G. S. Gritsayenko, Acting Mem, 4½ pp

"Zapiski V-S Mineral Obshch" Vol LXXVII, No 1

Book is first of its kind and represents very valuable piece of work. However, organization makes difficult its use as a ready reference. Gritsayenko suggests improvements to be incorporated into second printing. 1/49T90

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15T96

GRITSAENKO, G. S.

USSR/Nickel Mines and Mining — Apr 1947
Mineral deposits

"Polydymite from the Novo-Aydyrlinsky Deposit, South Urals," G. S. Gritsaenko, Yu. S. Nesterova, V. P. Butuzov, 7 pp

"Zap Vse Min Ob" Vol LXXV, No 4

Polydymite (Ni_4S_5) from the subject deposit of nickel ores is shown to be identical in all respects with standard polydymite from Gruenau, Westphalia.

15T96

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CA

Polydymite from Novo-Aldyrlinsk, S. Ural. G. S. Gritsaenko, Yu. S. Nesterova, and V. P. Butuzov. *Zapiski Vsesoyuznogo Mineral. Obshchestva* (Mem. soc. russe minéral.) **75**, 285-92(1946). In its chem. compn., structure type, and properties, this polydymite entirely agrees with the original mineral from Grünau, Westphalia. The aggregates show all indications of a colloidal origin; polydymite contains emulsoidic pyrite inclusions, in raspberry-like concretions. Characteristic are the pseudomorphs of polydymite after millerite; the mineral also includes $NiSO_4$ which was evidently formed by dissoln. of Ni from the millerite. This process is analogous to the removal of Fe from pyrrhotite, replaced by pyrite. The polydymite is epigenetic, in a clayish medium, which originated from weathered breccias, and in Tertiary sands and clays, overlying the latter. In this respect, the new Uralian occurrence of polydymite is different from that of Grünau which is hypogene, and also from that of Sudbury. The radial, or stalactitic structures, with botryoidal or reniform aggregates are very characteristic; in open air, the polydymite is easily changed to a soot-like material and $NiSO_4$. W. Eitel

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CA

8

A chrome-ferrimontmorillonite from the nickel silicate deposits of Akkerman in the southern Ural G. S. Gritsaenko. *Zapiski Vserossiiskogo Mineral. Obshchestva* (Mém. soc. russe minéral.) **75**, 150-2(1946); *Chem. Zentr.* (Russian Zone Ed.) **1948, I**, 433. —The lenticular-appearing, nontronite-like mineral of emerald-green color shows the following optical consts.: $n\gamma'$ 1.622 ± 0.003, $n\alpha$ 1.548 ± 0.003. Thermal analysis shows a marked endothermal effect with a max. at 155° and a lesser one at 540°. The mineral has a high content of NiO (3.2%) and MgO (5.5%) and a low content of CaO (0.1%) and FeO (0.1%). The Al_2O_3 content increases with decreasing Cr_2O_3; Fe_2O_3 and H_2O are const.; SiO_2 varies within narrow limits.

M. G. Moore

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Application of the methods of line diagrams and constant components to the study of the weathered surface layers of serpentines G. S. Gritsaenko and E. N. Baranova. *Soviet Geol.* 8, No. 10, 115-27(1948). The degree and type of weathering are detd. by the straight line diagrams giving the relative proportions of the various components. Eighteen tables and figures illustrate the application of the method to various types of serpentines contg. Al, Cr, Fe, Ca, Mg, Ni, Co and Mn with special reference to their Ni and Co content. E. H. Rathmann

A.S.M.-S.U.A. METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES

CA

7

The nickel-silicate ore deposits of the Orsk-Khalilovo region. D. G. Ul'yanov, G. S. Gritsaenko, G. A. Krutov, E. A. Petrova and M. G. Shishulina. *Trans. All-Union Sci. Research Inst. Econ. Mineral.* (U. S. S. R.) No. 118, 8-122 (in English, 123-5) (1937). The ore bodies are confined to the almost completely serpentinized ultra-basic rocks, mainly harzburgites; they are closely connected with fissures filled with quartz-ferruginous matter. The Ni minerals, chiefly garnierite with some kerolith, are assocd. with the later generations of quartz and chalcedony. Carbonatization, a later process, produced intense replacement of quartz and serpentine. Later still a superficial nontronitization process enriched the Ni in the upper portions of the deposit. The minerals of the 2 ore deposits, Khalilovo and Akkermanovka, are described (in the Russian part) from the following points of view: morphology, phys. and optical properties, x-ray measurements; chem. compn.; thermal analysis. D. W. Pearce

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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OFFMAN, P. Ye.; GRITSAYENKO, A.S.

Relation between bendings in the earth's crust, Mohorovicic's surface, and the gravity anomalies in Bouguer's reduction. Izv. AN Arm.SSR Nauki o zam. 17 no.6:13-27 '64 (MIRA 18:2)

1. Geologicheskiy institut AN SSSR, Moskva.

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GRITSAYENKO, A.S.

Evaluating the structure of the surface of the crystal basement from gravitational data. Izv. vys. ucheb. zav., neft' i gaz 7 no.9:7-10 '64. (MIRA 17:12)

1. Saratovskiy gosudarstvennyy universitet im. N.G. Chernyshevskogo.

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GRITSAYENKO, A.S.

Electrical macroanisotropy of layered media. Uch.zap.SGU 65:211-215 '59. (MIRA 16:1)
(Antisotropy) (Rocks, Sedimentary)

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GRITSAYENKO, A.S.

Effect of the crystalline bedrock on the gravitational field (lower Volga Valley). Uch.zap. SGU 74:295-298 '60. (MIRA 15:7)
(Volga Valley--Rocks, Crystalline and metamorphic)
(Volga Valley--Gravitation)

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YEFIMOV, V.P., inzh.; GRITSAYENKO, A.I., inzh.

Economical collector for the flotation of iron ores. Gor. zhur. no.2:77-78 F'62. (MIRA 17:2)

1. Filial Instituta gornogo dela im. Skochinskogo, Moskva.

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BEKHTLE, G.A.; GRITSAYENKO, A.I.; D'YAKOVA, M.K.; ZHAROVA, M.N.

Using semicoke tars from Cheremkhovo coals for the flotation of iron ores. Zhur.prikl.khim. 34 no.10:2332-2337 O '61. (MIRA 14:11)

1. Institut goryuchikh iskopayemykh AN SSSR i filial Instituta gornogo dela AN SSSR na Kurskoy magnitnoy anomalii.
(Coal tar) (Iron ores)

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ACCESSION NR: AP5011270 2

the periods of haying, harvesting and other farm activities. Tularemia cultures were repeatedly isolated from organs of water rats and water of various rivers. In 1962 latent tularemia foci were investigated. In Beskargayskiy rayon which had been considered free of tularemia, a tularemia culture was isolated from Dermacentor marginatus picked from cows. The population was given tularemia vaccinations, with top priority assigned to agricultural workers living in the floodplain of the Irtysh River. Orig. art. has: 1 table.

ASSOCIATION: Semipalatinskiy meditsinskiy institut (Semipalatinsk Medical Institute); Oblastnaya sanitarno-epidemiologicheskaya stantsiya (Oblast' Medical-Epidemiological Station)

SUBMITTED: 16Jun64 ENCL: 00 SUB CODE: LS

NR REF SOV: 010 OTHER: 000

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ACCESSION NR: AP5011270 UR/0016/65/000/004/0014/0018

AUTHOR: Baranovskiy, L. M.; Gritsay, Z. N.; Bunimovich, A. G.; Krushevskaya, K. F.; Anshits, V. I.

23
21
B

TITLE: Tularemia epidemiology in Semipalatinsk oblast

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 4, 1965, 14-18

TOPIC TAGS: tularemia, epidemiology, Semipalatinsk oblast, natural focus, Arvicola terrestris

ABSTRACT: A total of 234 tularemia cases was reported in Semipalatinsk oblast from 1947 to 1963, with the highest incidence rate reported in two (91.8%) of the seven districts. The anginous-bubonic form of tularemia (87.1%) was most frequent, with the eye-bubonic form and pure bubonic form comprising 8 and 4.9% respectively. Natural foci of tularemia were found near rivers and springs of foothills, with Arvicola terrestris the chief source of infection. Epidemic outbreaks were of a water-borne nature. Highest incidence rates (88.8%) were in the months of July to September coinciding with

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VALENTIYEV, V.I., inzh.; GRITSAY, Yu.L., inzh.; TATARENKO, I.A., inzh.

Restoring the filtration properties of a capron cloth. Gor.zhur. no.3:70-71 Mr '65. (MIRA 18:5)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

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DMITRIYEV, E.V.; GRITSAY, Yu.L.

Problematic fossils from the Pre-Cambrian in the Yakovlevskoye iron ore deposit of the Kursk Magnetic Anomaly. Dokl. AN SSSR 154 no.4:833-835 F '64. (MIRA 17:3)

1. Predstavleno akademikom N.M. Strakhovym.

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GRITSAY, Yu.S., insh.

Some characteristics of the clogging of a capron filtration cloth. Gor. zhur. no.6:6[illegible] de '64. (MIRA 17:11)

1. Novo-Krivorozh[illegible] gornoobogatitel'nyy kombinat imeni Leninskogo komsomola.

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BLIZNYUK, V.F.; GAVRISH, V.K.; GRITSAY, Ye.T.; KEL'BAS, B.I.; KLITOCHENKO, I.F.; MARTYNOV, A.A.; PALIY, A.M.; POPOV, V.S.; SHAYKIN, I.M.; YARCHENKO, L.M.

Stratigraphic boundaries and oil and gas potentials of the Upper Cretaceous sediments in the Dnieper-Donets Lowland.
Geol. nefti i gaza 8 no.4:28-35 Ap '64. (MIRA 17:6)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov UkrSSR, Kiyevskaya ekspeditsiya tresta Ukregeofizrazvedka, Kiyevskaya ekspeditsiya Ukrainskogo nauchno-issledovatel'skogo geologorazvedochnogo instituta i Chernigovskaya ekspeditsiya Ukrainskogo nauchno-issledovatel'skogo geologorazvedochnogo instituta.

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GRITSAY, V.Z. [Hrytsai, V.Z.]

Power press for straightening horn plates. Khar.prom. no.4:46-47 O-D '62. (MIRA 16:1)

1. Darnitskiy myasokombinat.

(Power presses)

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GRITSAY, Vasiliy Ivanovich; FROLOV, Viktor Aleksandrovich; MAKAROVA, E.A., red.; ARANOVICH, V.G., tekhn. red.

[Plant research institute staffed with workers] Obshchestvennyi nauchno-issledovatel'skii institut na zavode. Moskva, Profizdat, 1962. 71 p. (MIRA 16:6)

1. Chlen TSentral'nogo pravleniya Vsesoyuznogo khimicheskogo obshchestva im. D.I.Mendeleyeva (for Frolov).
(Omsk--Tires, Rubber--Technological innovations)
(Research, Industrial)

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GRITSAY, V., inzh.; TYUMIN, I., inzh.

Rapid assembling on combined schedules. Zhil. stroi. no.5:12 '65. (MIRA 18:7)

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TSARINNIKOV, V.; GRITSAY, V., inzh.

New deck covering. Mor. flot 23 no.6:30 Je '63. (MIRA 16:9)
(Bulkheads (Naval architecture))
(Shipbuilding materials)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, V., inzh.; BERKUTA, V., inzh.; OLITSKIY, G., inzh.

The housing construction combine mastered its planned capacity. Zhil. stroi. no.8:11-14 '62. (MIRA 15:9)
(Alma-Ata--Concrete plants)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, T.G.

AUTHOR: Gritsay, T.G. 26-58-6-19/32

TITLE: Fossil Mammals in the Karst Caves of Odessa (Iskopayemyye mlekopitayushchiye v karstovykh peshcherakh Odessy)

PERIODICAL: Priroda, 1958, Nr 6, p 106 (USSR)

ABSTRACT: The Academy of Sciences of the UkrSSR and the Odesskiy gosudarstvennyy universitet imeni I.I. Mechnikova (Odessa State University imeni I.I. Mechnikov) have been conducting joint paleontological excavations at Odessa and its suburbs over the past ten years. They found many bones belonging to many varieties of mammals that inhabited the southern part of the Ukraine during the end of the Tertiary and the Quarternary period and also fragments of flint used by prehistoric man. Other mammal bones were found at the village of Il'yinka. It appears that during those times the climate in Southern Ukraine was moderate, with a flora ensuring the existence of a great variety of mammals. Academician P.P. Yefimenko who examined the excavations called the area the first paleolithic site of the Odessa oblast' and the first cave site in the Southern Ukraine.

ASSOCIATION: Geologo-paleontologicheskiy muzey (Odessa) (Geological and Paleontological Museum, Odessa)

Card 1/1 1. Geology 2. Paleontology

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USSR / Farm Animals. Small Horned Stock

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21471

Abstract: Analogous results were obtained under farm conditions but with lesser increases in weight and shearing yield.

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

USSR / Farm Animals. Small Horned Stock

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21471

Author : Olenin F. S., Gritsay S. P., Golodnyy I. F.
Inst :
Title : A New Technique of Feeding Lambs and Its Effectiveness (Novaya tekhnika kormleniya yagnyat i eye ekonomicheskaya effektivnost')

Orig Pub: S. kh. Povolzh'ya, 1957, No 6, 67-69

Abstract: Laboratory experiments were carried out in order to test "rhythmic" feeding onweanling lambs (the ration of one 6-day period was increased by 20% and that of the other 6-day period was diminished by 20%). It was found that the average daily weight increase of test animals was 32%, shearing yield 400 g. more, and the feeding per 1 kg. of weight increase was 2.42 feed units less than in the control group.

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GRITSAY, S., prokhodchik.

In a mechanized stope. Mast.ugl. 2 no.10:12-13 O '53. (MLRA 6:10)

1. Shakhta "Yuzhnaya" kombinata Rostovugol'. (Coal mines and mining)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

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GRITSAY, O.P. [Hrytsai, O.P.], kand. ekonom. nauk

Improvement of planning for current assets of enterprises of the chemical industry. Khim. prom. [Ukr.] no.2:67-70 Ap-Je '63. (MIRA 16:8)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut.

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LEONT'YEV, Ivan Ivanovich, inzh.; SINITSYN, Konstantin Dmitriyevich, kand. tekhn.nauk; SOKOLOVSKIY, M.S., insh., spetsred.; GRITSAY, N.P., inzh., retsenzent; NOVOSELOVA, L.V., red.; SOKOLOVA, I.A., tekhn.red.

[Manual on leather and fur raw materials, hair, and bristle] Spravochnik po kozhevennomu i mekhovomu syr'iu, volosu i shchetine. Moskva, Pishchepromizdat, 1959. 605 p. (MIRA 13:3)
(Hides and skins)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, N., inzhener.

Utilization of blood at the Moscow Meat Combine. Mias.ind.SSSR 27 no.2:16-17 '56. (MLRA 9:8)

1. Moskovskiy myasokombinat.
(MOSCOW--SLAUGHTERING AND SLAUGHTERHOUSES)
(BLOOD AS FOOD OR MEDICINE)

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GRITSAY, N. I

Distr: 4E2c(j)/4E3d

1

Aromatic esters of 4-chlorobenzenesulfonic acid. O. A. Prib and N. I. Gritsai (State Univ., Lvov). *Ukrain. Khim. Zhur.* 25, 758-9(1959)(in Russian).—Substituted PhOH and p-$ClC_6H_4SO_2Cl$ form the following esters (ester substituents and m.p. of ester given): 4,2-$Cl(O_2N)$, 91-2°; 2,4-$Cl(O_2N)$, 101.5-3°; 2,3-$Cl(O_2N)$, 124.5-6°; 2,6-$(O_2N)_2$, 150°; 2,5-$(O_2N)_2$, 126°; 3,4-$(O_2N)_2$, 126°; p-I, 99-100°; p-Br, 95-7°; 2,4-Cl_2, 126°; p-H_2N, 125-6°; 4,2-$Cl(H_2N)$, 139-40°.

John Howe Scott

2^4-Jag(NB)(may)
2

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MIRNITSKAYA, N.Ye.; GRITSEY, L.I.; [illegible], [illegible]; [illegible], [illegible], prof., [illegible] fiz.-mat. nauk, red.

[Experience in the production of [illegible] proizvodstva [illegible] bokena. [illegible], [illegible] in-t nauchno-tekhn. informatsii pishchevoi [illegible], [illegible] p. [illegible]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, Natal'ya Petrovna

[Technology of meat and meat products] Tekhnologiia miasa i miasoproduktov. Moskva, Pishchepromizdat, 1961. 454 p. (Meat industry) (MIRA 15:8)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

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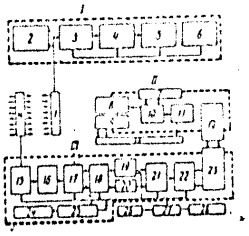
ACC NR: AP6025631

modification of this unit in which a calendar clock mechanism is used for switching on the power supply according to a given program. 3. A modification of this unit in which location of the buoy after surfacing is facilitated by providing a radio transmitter with an antenna which is automatically raised, and a smoke marker.



1—emitter; 2--mechanism for lowering the emitter; 3--pulse generator; 4--modulator; 5--coding unit; 6--power supply; 7--hydrostatic switch; 8--visual signal; 9—mechanism for raising the antenna; 10--power supply; 11—radio transmitter; 12--reel with cable; 13--antenna shaft; 14—hydrophone; 15--carrier frequency amplifier; 16--carrier frequency band-pass filter; 17--detector; 18—code frequency amplifier; 19--first code frequency filter; 20--second code frequency filter; 21—coincidence circuit; 22—actuating mechanism; 23—release mechanism; 24—power supply; 25—clock mechanism; 26—anchor; 27—buoy cable; 28—automatic recording instruments; I—surface section; II—signal buoy; III—main buoy

SUB CODE: 13, 08, 09/ SUBM DATE: 07Sep63

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

ACC NR: AP6025631 (N) SOURCE CODE: UR/0413/66/000/013/0083/0084

INVENTOR: Telyayev, N. I.; Puleneta, M. L.; Kryukov, A. N.; Korsakov, N. S.; Skachkov, Yu. P.; Felinov, B. V.; Gritsay, N. I.

ORG: None

TITLE: A hydrological unit for operations under ice. Class 42, No. 183412 [announced by the Arctic and Antarctic Scientific Research Institute (Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 83-84

TOPIC TAGS: sea ice, hydrologic instrument, marine equipment

ABSTRACT: This Author's Certificate introduces: 1. A hydrologic unit for operations under ice. The installation contains hydroacoustic transmitting equipment mounted on a ship and a submarine unit consisting of hydroacoustic receiving equipment placed within an instrument buoy connected to an anchor cable which holds the automatic recording equipment at the level being studied. To improve reliability in using this floating equipment under icy conditions, the hydroacoustic transmitting apparatus is equipped with a modulator and a coding unit connected in the pulse generator circuit, while the receiving equipment has two code frequency filters and a logical coincidence circuit connected to the actuating mechanism which releases the buoy. 2. A

Card 1/2 UDC: 534.632

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SMIRNITSKAYA, N.; SOLNTSEVA, G.; GRITSAY, N.; SADOVNIKOVA, N.

Draft standards for cattle and beef. Mias. ind. SSSR 31 no.4:31-34 '60. (MIRA 14:7)

(Cattle--Grading)
(Beef--Grading)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, M.K.; SHEVCHENKO, A.K.

Changes in breeding of blood-sucking Diptera and other insects during the first few years of operating large water reservoirs. Med.paraz.i paraz.bol. 33 no.4:468-471 Jl-Ag '64.

(MIRA 18:3)

1. Ministerstvo zdravookhraneniya UkrSSR i Institut biologii Khar'kovskogo gosudarstvennogo universiteta.

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GRITSAY, M.K.

Prevention of malaria in the Ukrainian S.S.R. Med.parazit. i parazit. bol. 33 no.3:319-322 My-Je '64. (MIRA 18:8)

1. Ministerstvo zdravookhraneniya UkrSSR i Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, M.K.

Results of the treatment of ascariasis with a single administration of piperazine adipinate in the Ukrainian S.S.R. Med. paraz. i paraz. bol. 32 no.4:394-396 Jl-Ag '63. (MIRA 17:8)

1. Ministerstvo zdravookhraneniya UkrSSR, Kiyev.

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GRITSAY, M.K.; KLYUSHKINA, Ye.A.; MIRETSKIY, O.Ya.

Fourth Crimea Province Conference of Parasitologists. Med. paraz. i paraz. bol. 32 no.4:504 Jl-Ag '63. (MIRA 17:8)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRONALHEVSKIY, L.V., prof.; GAITSAY, K.K., kand.med.nauk; PROKOPOVICH, K.V.

Cases of malaria contracted in mental hospitals and the problem of malaria control. Vrach. delo no.6:84-88 Je '61. (MIRA 15:1)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.
(MALARIOTHERAPY) (KIEV--MALARIA)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY, M.K.; SHEVCHENKO, A.K.

Insect control in large construction projects in Ukrainian S.S.R. Med.paraz.i paraz.bol 29 no.5:537-541 S-O '60. (MIRA 13:12)

1. Iz Ministerstva zdravookhraneniya USSR i Khar'kovskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.
(DIPTERA)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900006-6

GRITSAY M.K.

Gritsai, M. K.

Mosquito fever in the Crimea.

Gritsai, M. K.

Mosquito fever in Crimea Oblast'

Materialy nauchnykh konferentsii, Kiev, 1[illegible] 9. [illegible] pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

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