"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

KOWALSKI, E., prof. dr; DANCEWICZ, A.M. dr.

State and development trends of studies on the action of radiation on live organisms; scope, justification, and aim of the problem. Kosmos biol 12 no. 4:365-370 '63.

1. Kolegium Naukowe Problemu Badania nad oddziaływaniem promieniowania na organizmy zywe, Warszawa.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

MAZANOWSKA, Anna, TURKIEWICZ, Leszek, DANCEWICZ, Antoni M.

Activity of iron chelatase in some rabbit organs. Postepy hig.med.dosw. 17 no.6:811-814 N-D'63

1. Z Zakladu Radiobiologii i Ochrony Zdrowia Instytutu Badan Jadrowych PAN w Warszawie; kierownik: prof.dr. E.Kowalski.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

ACCESSION NR: AP4013649 P/0049/64/000/001/0023/0031

AUTHOR: Dancewicz, Antoni M.

TITLE: Early post-irradiation reactions and their modification by means of chemicals

SOURCE: Kosmos--Seriya A (Biologia), vol. 13, no. 1, 1964, 23-31

TOPIC TAGS: primary irradiation reaction, irradiation reaction mechanism, irradiation prophylaxis, chemical prevention mechanism, free sulfydryl radical

ABSTRACT: Review article. Effect of ionizing radiation on living organism is due not to energy imparted by radiation but to physical and chemical changes due to it. Neither the original target theory nor the theory of indirect effect has fully explained the mechanism of occurring biological reactions or the modifying effect of preventively administered chemicals. Studies heretofore have established a priority of biochemical effects, which include changes in the activity and coordination of enzymes, enzymatic degradation of macromolecules and formation of atypical toxic substances in the cell, disorders in protein and DNA synthesis, blocking of oxidative phosphorylation (especially in cell nuclei),

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ACCESSION NR: AP4013649

and inactivation of free SH groups there. It is not yet clear, however, if these are the only primary effects, whether they are interdependent, and which are responsible for later effects.

Radiological chemistry research has disclosed many substances which can alleviate the effects of radiation, but relatively few which can prevent them. These include lower-chain members of the cysteamine group (free SH and NH_2 radicals) some sulfhydryl isothiourea derivatives (free SH and guanadine), colloidal sulphur and some sulphur-containing organic compounds, as well as some pharmacological agents which inhibit metabolism, affect the central nervous system, or cause methemoglobinemia. However, even with the most effective agents (cysteamine, AET, serotonin, and some mixtures) the best result obtained was survival of animals of a 2-3 times medium lethal dose, and in vivo checks of the mechanism have not been established. The mechanism may involve the inactivation of the radiolysis products, direct combination with cell or protein components (sulfhydryl to bisulphide), or reduction of oxygen to block the harmful radiation reaction. Clarification of mechanisms and successful protection must, however, await further advances in life sciences. Orig. art. has: 8 formulas.

Association: Zaklad Ochrony Zdrowia i Radiobiologii, Instytutu Badan Jadrowych Pan (Department of Health Protection and Radiobiology, Institute of Nuclear Research, PAN.

Card 2/2

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 33013-66
ACC NR: AP6024169 SOURCE CODE: PO/0046/65/010/012/0783/0789

AUTHOR: Dancewicz, Antoni M.--Dantsevich, A. M.; Mazanowska, Anna--Mazanovska, A.; Panfil, Barbara--Panfil', B.

ORG: Department of Radiobiology and Health Protection, Institute of Nuclear Research, Warsaw-Zoran

TITLE: Biochemical lesions induced in subcellular structures by ionizing radiation. III. Cytochrome c oxidase and glucose-6-phosphatase activity of rat liver

SOURCE: Nukleonika, v. 10, no. 12, 1965, 783-789

TOPIC TAGS: ionizing radiation, enzyme, radiation biologic effect, rat, liver

ABSTRACT: Cytochrome c oxidase and glucose-6-phosphatase activity of subcellular fractions isolated from rat liver were assayed at 0.2 or 24 hours after whole-body irradiation of rats with a dose of 750 R. No definite changes in activity of cytochrome oxidase were found, whereas an increase in glucose-6-phosphatase activity in nuclear (at 0, 2 and 24 hr) mitochondrial (at 2 and 24 hr) and in microsomal (at 2 hr) fractions were clearly demonstrated. The authors thank Professor Edward Kowalski for his interest and critical discussion during this work. Expert technical assistance was provided by Mrs. Dobroslawa Rzepniewska and Mr. Leszek Turkiewicz. Orig. art. has: 3 tables. [Orig. art. in Eng.] [NA]

SUB CODE: 06 / SUBM DATE: 07Oct65 / ORIG REF: 002 / OTH REF: 024 / SOV REF: 001

Card 1/1

0913 1759

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DAN EWICZ, Antoni M.

The role of - SH and -S-S-groups in enzymic catalysis. Postepy biochem. 11 no.1:25-46 '65.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCEWICZ, Antoni M.

The catabolism of haemoglobin and the pigments metabolism.
Postepy biochem. 11 no.4:445-458 '65.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

MALINOWSKA, T.; DANCEWICZ, A.M.

Effect of ionizing radiation on the δ-aminolevulinic acid synthetase of chicken erythrocytes. Bull. acad. Pol. sci. [Biol.] 13 no.1:13-16 '65.

1. Submitted on October 13, 1964.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 39762-66 EWT(m) GD-2

ACC NR: AP6014805 SOURCE CODE: PO/0046/65/010/09-/0553/0557

AUTHOR: Dancewicz, Antoni M.--Dantsevich, A. M.

ORG: Department of Radiobiology and Health Protection, Institute of Nuclear Research, Warsaw-Zeran

TITLE: Biochemical lesions induced in subcellular structures by ionizing radiation. II. Catalase activity in rat liver and spleen

SOURCE: Nukleonika, v. 10, no. 9-10, 1965, 553-557

TOPIC TAGS: biochemistry, ionizing radiation, enzyme, rat, liver, radiation biologic effect

ABSTRACT: The catalase activity of subcellular fractions isolated from rat liver and spleen were determined at 0, 2, or 24 hr after whole-body irradiation of rats with a dose of 750 r. A decrease in enzyme activity was found in whole homogenate and cell sap fraction of the liver at 24 hr after exposure. In spleen the decrease in catalase activity was observed in particulate fractions at 0, 2, and 24 hr after exposure. This decrease was accompanied with an increase in the catalase activity of the cell sap fraction of the spleen. The author thanks Professor E. Kowalski for his interest in this work; Mrs. Dobroslawa Rzepniewska and Mr. Leszek Turkiewicz for their valuable technical assistance; and Misc Barbara Panfil, M. Sc., for her participation in the earlier part of this work. Orig. art. has: 1 table. [Orig. art. in Eng.] [NA]

SUB CODE: 06, 18 / SUBM DATE: 21Jul65 / ORIG REF: 002 / OTH REF: 011 / SOV REF: 002

Card 1/1

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

POLAND/Optics - Optical Methods of Analysis K

Res Jour : Ref Zhur Fizika, No 11, 1959, 26256

Author : Kemula, Wiktor; Brachaczek, Wanda; Dancewicz, Danuta; Hulanicki, Adam

Inst : The University, Warsaw, Poland

Title : Determination of Lithium, Sodium, Potassium, and Calcium in Perhydrol by the Method of Flame Spectroscopy.

Orig Pub : Chem. analit., 1958, 3, No 5-6, 729-736

Abstract : A method was developed for the determination of lithium, sodium, potassium, and calcium in perhydrol for concentrations (in percent): 6×10^{-4} for lithium, 2×10^{-2} for sodium, 10^{-2} for potassium, and 2×10^{-2} for calcium. The burner of a Zeiss flame photometer was used. The analytical lines were (in Angstroms: lithium 6708, sodium 5890 and 5896, potassium 7665 and 7699, calcium 4226.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

MALINOWSKI, Jerzy; DANCEWICZ, Danuta

Indirect methods in flame analysis. Pt. 3. Indirect flame photometric determination of beryllium in beryllium bronzes. Chem anal 6 no.2: 177-182 '61. (EEAI 10:9)

1. Department of Analytical Chemistry, Institute of Nuclear Research, Warsaw. Head of Department: Prof. dr. J. Minczewski.

(Beryllium) (Flame photometry) (Bronze)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

S [illegible] 62 [illegible] 002 [illegible]
B [illegible] B [illegible]

AUTHORS: Malinowski, Jerzy, Dancewicz, Danuta, [illegible] Swietkan

TITLE: Study of the flame-photometrical method of determining gallium, indium, and thallium

PERIODICAL: Referativnyy zhurnal. Khimiya, [illegible] (Chem. analit. Polska), v. [illegible]

TEXT: For determination In and Tl a photometer with colour filters CF is used (Zeiss model III). For In a strontium interference CF with maximum transmission at 4[illegible]8 mμ (transmission at 4[illegible] mμ [illegible]%) and for Tl a CF with maximum transmission at [illegible]36 mμ is used. The excitation source is an acetylene-air flame. The determination of Ga, In and Tl is also studied using an Uvispek spectrometer with an attachment for a hydrogen oxygen flame. In and Tl can be determined on the Zeiss equipment at concentrations of 0.[illegible]-1.0 mg/ml, and with the Uvispek instrument Ga, In, and Al can be determined at concentrations of around 0.0[illegible]-1.0 mg/ml. The presence of SO_4^{2-}, PO_4^{3-}, H_4TeO_3, MoO_4^{2-}, VO_3^- and Al^{3+}

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

Study of the flame-photometrical [illegible]

[illegible] concentrations of [illegible] mg/ml in the [illegible] effect on the accuracy of the results [illegible] Complete translation

Card [illegible]

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

MINCZEWSKI, Jerzy; WASOWICZ, Stanislaw; DANCEWICZ, Danuta

Determination of oxygen in metallic sodium. Chem anal 6 no.5:741-747 '61.

1. Department of Analytical Chemistry, Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

MINCZEWSKI, Jerzy, Prof., dr. (Warsaw, Dorodna 16, Poland); DANCEWICZ, D. (Warsaw, Dorodna 16, Poland); WASOWICZ, S. (Warsaw, Dorodna 16, Poland)

Determination of oxygen traces in metallic sodium. Acta chimica Hung 33 no.1:51-57 '62.

1. Department of Analytical Chemistry Institute of Nuclear Researches, Polish Academy of Sciences.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHAKOV, V.M.

ZP-2 finger plethysmograph. Med.prom. no.3:43-44 Jl-S '55.
(MLRA 9:12)

1. Opytnyy zavod Vsesoyuznogo nauchno-issledovatel'skogo instituta meditsinskogo instrumentariya i oborudovaniya.
(PLETHYSMOGRAPH, apparatus and instruments, finger plethysmograph)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHAKOV, V.M.

Use of RC filters in bioamplifying apparatus. Med. prom. 10 no.1: 35-38 Ja-Mr '56. (MLRA 9:6)

1. Opytnyy zavod Vsesoyuznogo nauchno-issledovatel'skogo instituta meditsinskogo instrumentariya i oborudovaniya.
(ELECTRIC FILTERS) (PHYSIOLOGICAL APPARATUS)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANILHAKOV, V.M.

Single-channel electrocardiograph with an ELKAR-2 direct recorder. Med.prom. 11 no.6:50-54 Je '57. (MLRA 10:8)

1. Opytnyy zavod Vsesoyuznogo nauchno-issledovatel'skogo instituta meditsinskogo instrumentariya i oborudovaniya
(ELECTROCARDIOGRAPHY)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

KHAYUTIN, V.M., DANCHAKOV, V.M., TSATUROV, V.L.

Perfusion pump for the measurement of vascular resistance (tonus) [with summary in English]. Biul.eksp.biol. i med. 45 no.2:117-121 F '58. (MIRA 11:5)

1. Iz eksperimental'noy laboratorii (zav.- kand.med.nauk V.M. Khayutin) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N. Chernigovskiy) AMN SSSR i Opytnogo zavoda (dir. M.P. Monkevich) AMN SSSR, Moskva.
(BLOOD VESSELS, physiology,
tonus, perfusion pump for measurment (Rus))

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHAKOV, V.M.

Some problems in the stndardization of medical radioelectronic apparatus. Med. prom. 14 no. 10:7-9 O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.
(MEDICAL INSTRUMENTS AND APPARATUS)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, A., deputat Verkhovnogo Soveta SSSR.

Removing salt from sea water by an electrochemical method.
Mor.flot 19 no.4:12-13 Ap '59. (MIRA 12:6)

1. Nachal'nik Chernomorskogo parokhodstva.
(Sea water--Purification)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, A.

Mechanical coal leveling device. Mast.ugl. 9 no.2:9 F '60. (MIRA 13:7)

(Coal hauling machinery)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, Anton Markovich; RAPPOPORT, Mikhail Aronovich; KRISHTAL', L.I., redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor.

[Schools of progressive practices] Shkoly peredovogo opyta. Moskva, Gos.transp.zhel-dor. izd-vo, 1957. 67 p. (MLRA 10:6)
(Railroads--Employees--Education and training)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

1. [illegible], A.

2. USSR ([illegible])

4. Merchant Marine - Black Sea

7. Regular lines of the Black Sea steamship service. Mor. flot 13, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, A.

The third quarter decides the success of the annual transportation plan. Blokagit.vod.transp. no.13:1-11 Jl '55. (MLRA 8:9)

1. Chlen kollegii Ministerstva morskogo flota SSSR
(Shipping)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, Alekseyy Yevgen'yevich, deputat Verkhovnogo Soveta SSSR;
RUBIN, M., red.; MOLCHANOVA, T., tekhn. red.

[Workers of the Black Sea region] Truzheniki Chernomor'ia.
Odessa, Odesskoe knizhnoe izd-vo, 1959. 78 p. (MIRA 15:6)

1. Nachal'nik Chernomorskogo parokhodstva, Odessa (for Danchenko).
(Black Sea—Merchant seamen)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, A.; IODLOVICH, S.

Create and introduce new equipment. NTO 5 no.7:28-31 Jl '63. (MIRA 16:8)

1. Nachal'nik Otdela svodnykh planov Gosudarstvennogo komiteta Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot, chlen smotrovoy komissii Vsesoyuznogo soveta nauchno-tekhnicheskikh obshchestv (for Danchenko). 2. Zamestitel' nachal'nika Otdela svodnykh planov Gosudarstvennogo komiteta Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot (for Iodlovich).

(Industrial equipment—Technological innovations)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

PALETSKIY, G.V.; DANCHENKO, B.K.; CHERNYAYEV, A.F.; ZAGRANICHNOV, G.A.; VAYSHERG, S.E.; YERISKIN, K.I.

Decreasing the distance between electrodes in electrolyzers. Prom.energ. 15 no.3:20 Mr '60. (MIRA 13:6)
(Electrolysis) (Hydrogen)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

NEDIN, V.V., doktor tekhn.nauk; NEYKOV, O.D., kand.tekhn.nauk; DANCHENKO, F.I., inzh.

Removing dust from the air around underground receiving bunkers. Gor. zhur. no.9:68-71 S '62. (MIRA 15:9)

1. Krovorozhskiy filial Instituta gornogo dela AN UkrSSR.
(Mine dusts--Removal)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

NEDIN, V.V.; NEYKOV, O.D.; DANCHENKO, F.I.

Study of new filter cloths. Sbor.nauch.trud.Kriv.fil.IGD AN URSR no.1:104-123 '62. (MIRA 16:4)
(Dust collectors)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, I. D.

5

14070* (Russian.) Diagrams of Phase Transformations of RbCl-ZnCl₂ and CsCl-ZnCl₂. Diagrammy fazovykh prevrashchenii RbCl-ZnCl₂ i CsCl-ZnCl₂. B. F. Markov, I. D. Danchenko, and T. G. Kostenko. *Ukrainskii Khimicheskii Zhurnal*, v. 25, no. 3, 1950, p. 287-291.

A definite pattern is observed in the phase-diagram variations, during the transition from the system KCl-ZnCl₂ to RbCl-ZnCl₂ and CsCl-ZnCl₂.

3

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DELIMARSKIY, Yu.; DANCHENKO, I. D.; SHILINA, G. Ya.

Rotating disk electrode in the polarography of molten salts. Coll Cz Chem 25 no.12:3061-3064 D '60. (EEAI 10:9)

1. Institut obschey i neorganicheskoy khimii, Akademiya nauk Ukrainskoy SSR, Kiev.

(Electrodes) (Polarograph and polarography) (Salts)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

NEDIN, V.V.; NEYKOV, O.D.; DANCHENKO, F.I.

Removing dust from the air by means of bag filters in mines of the Krivoy Rog Basin. Gor.zhur. no.5:64-67 My '62.
(MIRA 16:1)

1. Krovorozhskiy filial Instituta gornogo dela AN UkrSSR.
(Krivoy Rog Basin—Mine dust—Removal)
(Filters and filtration)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, I.G.

Skin grafting following a mastectomy in [illegible] cancer. Vop.onk. 11 no.11.86-87 '65.

(MIRA 19:1)

1. Iz 2-y khirurgicheskoy kliniki (direktor - prof.Ya.L'gotka) Karlova universiteta v Prage, Chekhoslovatskaya Narodnaya Respublika.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, K.V.; SOKOLOVA, A.D., kandidat tekhnicheskikh nauk, nauchnyy redaktor; KRYUGER, Yu.V., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Erecting apartment houses of frame and panel construction] Montazh zhilogo doma ramno-panel'noi konstruktsii. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 23 p. (MLRA 10:9)
(Apartment houses)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, K.V., inzh., red.; KALININ, B.F., inzh., red.; KOPP, L.M., inzh., red.; KORNIYENKO, V.S., inzh., red.; LEVIN, L.I., inzh., red.; STRASHNYKH, V.P., red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.3. Sec.V.ch.5. [Regulations for production, erection and acceptance of metal structures. Metallicheskie konstruktsii; pravila izgotovleniia, montazha i priemki (SNIP III-V. 5-62). 1963. 92 p. (MIRA 16:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosudarstvennyy komitet Soveta Ministrov SSSR po delam stroitel'stva (for Danchenko). 3. Mezhduvedomstvannya komissiya po pereimotru Stroitel'nykh norm i pravil (for Kalinin). 4. Proyektnyy institut Glavnogo upravleniya po proizvodstvu i montazhu stal'nykh konstruktsiy Ministerstva stroitel'stva RSFSR (for Kopp, Korniyenko). 5. Gosudarstvennyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov (for Levin).

(Building, Iron and steel)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

SOV/65-58-10-10/15

AUTHORS: Mazov, A. V. Turskiy, Yu. I. and Danchenko, L. Ye.

TITLE: Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol (Izvlecheniye fenolov iz smolyanykh fraktsiy vodnymi rastvorami metanola)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, 3, Nr 10, pp 44 - 49 (USSR)

ABSTRACT: Separation of phenols is at present carried out with the aid of selective solvents. The authors give a brief review of the use of selective solvents since 1903 (Refs. 1 - 9). In 1954 pilot plant experiments were made on the separation of phenols with methanol; the lay-out of the pilot plant is shown in a Figure. The fraction was diluted with petroleum ether and the extraction carried out on a 75 mm diameter and 7.8 m high column, two sections of which were filled with 8 x 8 mm Raschig rings. The mixture of the fraction with petroleum ether was led into the lower part of the column through a jet with a 2 to 2.5 mm diameter nozzle. The following fractions were tested: the fraction 160 to 210°C and 210 to 320°C obtained during the semi-coking of Cheremkhovsk coal; the 150 to 260°C fraction of tar obtained

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

SOV/65-58-10-10/15

Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol

during the gasification of brown coal; the fraction 190 to 300°C of tar obtained during the processing of peat. Characteristics of these fractions are given in Table 1. Optimal conditions for the separation of phenols from various types of raw material are shown in Table 2. Continuous work on the column could be carried out for 10 to 30 days. A considerable part of the neutral compounds is separated from the methanol extract by washing the same with petroleum ether in a separate extraction column. Table 3: the content of neutral compounds in extracts separated with methanol from various tar fractions before and after washing with petroleum ether. These neutral substances consisted of more than 90% of oxygen-containing compounds, the composition of which was determined by chromatography. 92.5% phenols and about 0.4% hydrocarbons were separated from the 210 to 320°C fraction. Practically complete separation of the asphaltenes was achieved. Most of the organic bases contained in the fractions passed into the methanol extract. 43% of organic bases were separated with methanol from the

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SOV/65-58-10-10/15

Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol

160 to 210°C fraction of the middle oil obtained during the semi-coking of Cheremkhovsk coal, and 22% of organic bases from the 210 to 320°C fraction of the same oil. The experiment also proved that the residual content of phenols in the raffinate can be decreased to 0.9 - 1.2%. Part of the water remained in the extract and the moisture content of crude phenols was 12 to 16%. Yields and properties of the phenols are given in Table 4. Results obtained during the separation of phenols by the distillation of low-boiling fractions (Table 5) can be considered satisfactory. The neutral compounds are concentrated in the high-boiling fractions and the residue, therefore, contains high-quality fractions. The xylene fraction, which contains the highest quantity of neutral compounds, can be used

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SOV/65-58-10-10/15

Separation of Phenols from Tar Fractions with Aqueous Solutions of Methanol

during the manufacture of adhesives. There are 5 Tables, 1 Figure and 10 References: 6 Soviet, 2 English and 2 German.

ASSOCIATION: VNII NP

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, M.

Feed steamers in use for poultry-house heating. Sil'.bud.no.6:11 S '55. (MIRA 9:7)

1.Nachal'nik Grebinkivs'kogo rayonnogo viddilu po budivnitstvu v kolgospakh.
(Poultry houses and equipment)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

S/130/61/000/008/004/005
A006/A101

AUTHORS: Naftulovich, S. M.; Danchenko, N. F.

TITLE: Cast-iron rolls replace steel rolls

PERIODICAL: Metallurg, no. 8, 1961, 26

TEXT. The bottom and middle steel rolls in the three-high plate mill (Lauth type) at the Metallurgical Plant imeni Petrovskiy have been replaced by chilled cast-iron rolls of 893 mm in diameter. The rolls have chilled layers 15 - 20 mm and 20 - 22 mm thick, respectively with a Shore hardness of 60. The composition of the middle roll is 3.06% C, 0.32% Mn, 0.42% Si, 0.08% S, 0.54% P, 0.07% Cr and 0.30% Ni. Corresponding percentages for the bottom roll are: 3.07, 0.35, 0.46, 0.08, 0.55, 0.06, 0.34. The advantages of the rolls are: the amount of rolled plates until normal wear of the rolls is raised by a factor of 2.5; the use of the rolls until regrinding is raised by a factor of 1.5; the wear of the middle and bottom roll is approximately equal, so that the rolling process is more stable. The rolls worked for 17 shifts without being changed and rolled 6,493 tons (middle roll) and 5,900 tons (bottom roll) for one mm of wear. Roll

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S/130/61/000/008/004/005
A006/A101

Cast-iron rolls replace steel rolls

consumption was reduced by a factor of 2.1 and mill productivity increased by 36. There is 1 table.

ASSOCIATION: TsZL zavoda imeni Petrovskogo (Central Laboratory of the Plant imeni Petrovskiy)

Card 2/2

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

GORODETSKIY, L.N.; CHIGIRINSKIY, V.M.; NAFTULOVICH, S.M.; DANCHENKO, N.F.; YEMEL'YANOV, V.P.; BARBASHIN, B.M.

In rolling mills all over the country. Metallurg 6 no.8:25-28 Ag '61. (MIRA 14:8)

1. Rel'sobalochnyy tsekh zavoda im. Petrovskogo (for Gorodetskiy, Chigirinskiy). 2. TSentral'naya zavodskaya laboratoriya zavoda im. Petrovskogo (for Naftulovich, Danchenko). 3. Magnitogorskiy metallurgicheskiy kombinat (for Yemel'yanov). 4. Starshiy master blyuminga zavoda im. Voroshilova (for Barbashin).
(Rolling mills)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, S.

Nutritiousness of feeds should be doubled. NTO 5 no.5:20-21 My '63. (MIRA 16:7)

1. Predsedatel' Vitebskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva sel'skogo khozyaystva.
(Feeds)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, V.G., dotsent, kandidat tekhnicheskikh nauk.

Letter to the editors. Avt.dor.19 no.5:32 My '56. (MLRA 9:8)
(Bridges, Concrete)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, V.Ya., inzh.

Machine for twisting thin cables. Mash.Bel. no.5:174-176 '58. (MIRA 12:11)

(Machine tools)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, Ye.I. (Kuybyshev)

Preparation of potassium chlorate from ashes of the sunflower plant.
Khim. v shkole 13 no.5:62-63 S-O '58. (MIRA 11:9)
(Potassium chlorate)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKO, Ye.I., zasluzhennaya uchitel'nitsa shkoly RSFSR (Kuybyshev (obl.))

"Entertaining chemistry" by I.I.Zaikovskii. Reviewed by E.I. Danchenko. Khim.v shkole 18 no.2:86-88 Mr-Ap '63. (MIRA 16:4)

(Chemistry--Study and teaching)
(Zaikovskii, I.I.)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

[illegible], Yu.Ye., [illegible] (Kyazan'); [illegible]

Steam takeoff from the chamber of the [illegible] the [illegible] turbine. Energetik [illegible]

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKOV, M.B.: ANDEBURA, A.T.

Economic efficiency of the use of chain conveyors in city dairy plants. Izv.vys.ucheb.zav.; pishch. tekh. no.3:9-11 '63. (MIRA 16:8)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti i Kiyevskiy gorodskoy molochnyy zavod No.1.
(Conveying machinery) (Dairy plants)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHENKOV, M.B.

Comparative economic efficiency of packaging milk in glass and paper containers. Izv. vys. ucheb. zav.; pishch. tekh. no.4:7-11 '63. (MIRA 16:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra organizatsii i planirovaniya predpriyatiy.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

BULGARIA/Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15352.

Author : Dalev D., Lidzhi L., Bayev K., Danchev D.
Inst : Bulgarian Academy of Sciences.
Title : Use of Sodium Alginate to Ameliorate the Technology of Concrete Mixes

Orig Pub: Dokl. Bolg. AN, 1957, 10, No 2, 117-119

Abstract: Na-alginate improves the structure of concrete, increases its plasticity and density, promotes enhanced impermeability to water, resistance to frost and chemical stability. Na-alginate added in an amount of 0.01-0.05% of the weight of cement, increases compression strength at the age of 28 days up to 8%. Concrete with added Na alginate does not undergo stratification on jarring.

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 23315-66
ACC NR: AT6004210

$NiMn_2O_4$ has been established for the mixture I and for the two oxide systems. The intermediary mixtures, II to V included, are represented by cubic spinels of a variable cation composition. Mixture VII is represented by the tetragonal spinels $CoMn_2O_4$ and $ZnMnO_2$. On the basis of data from the literature on the position of the metal cations in $NiMn_2O_4$ and $CoMnO_4$ an attempt has been made to elucidate the distribution of the cations in the spinel structures of thermistors studied by the authors. Orig. art. has: 3 figures and 2 tables. [Based on author's abstract]

SUB CODE: 09, 07/SUBM DATE: none ORIG REF: 002/ SOV REF: 004/

Card 2/2

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, IU.I., inzh.

Microminiaturization. Nauka i tekh mladezh [illegible] 9:17-21 S '64.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 32213-66 EWP(t)/ETI LJP(c) JD

ACC NR: AP6020810 SOURCE CODE: BU/0011/65/018/006/0525/0528

AUTHOR: Ivanov, S.; Djoglev, D.; Stefanov, D.; Danchev, I.; Petrov, P.; Janachkova, I.; Bizheva, L.

ORG: Institute of Physics, BAN

49
B

TITLE: Some properties of thermistors made of three-compound oxide systems

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 6, 1965, 525-528

TOPIC TAGS: thermistor, semiconductor research, admixture, x-ray analysis

ABSTRACT: Thermistors are usually made of oxide mixtures (see, e.g., N. P. Potapov, Tr. Odessk. gidro-meteorol. i-ta, 37, 1956, No. 8; M. Ya. Kushnerev, V. P. Linde, S. Z. Roginskiy, FTT, III, 1961, No. 2, 384). The present paper describes the production of three-component MnO_2-Ni_2O_3-CO_2-O_3 and MnO_2-Ni_2-O_3-ZnO systems whose properties may be altered by small admixture activation. In addition to the Volt-Ampere and temperature characteristics of the system, the authors present also comprehensive results of X-ray structural analysis of the various semiconductors produced and the distribution of metallic admixtures within the spinel structures. This paper was presented by Academician G. Nadjakov on 23 February 1965. Orig. art. has: 2 figures and 2 tables. [Orig. art. in German] [JPRS]

SUB CODE: 09, 07/ SUBM DATE: 23Feb65 / ORIG REF: 004/ SOV REF: 003

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 23316-66

ACC NR: AT6004211 SOURCE CODE: BU/2503/65/013/001/0193/0200 18 B+1

AUTHOR: Yanachkova, Iv.; Danchev, Iv.; Petrov, P., Stefanov, D.; Ivanov, S.; Dzhoglev, D.; Bizheva, L.

ORG: none

TITLE: Influence of impurities on the semiconductor properties of thermistors composed of MnO_2-Co_2O_3-Ni_2O_3

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB, v. 13, no. 1, 1965, 193-200

TOPIC TAGS: thermistor, electric property, resistor, semiconductivity

ABSTRACT: Heat-sensitive resistors with a negative temperature coefficient are obtained from metal oxides in a ratio of MnO_2-60%, Co_2O_3-29.7% and Ni_2O_3-1.3%. The oxide mixture is doped with solutions of Li_2CO_3, $Cu(NO_3)_2$, CsCl, $CeCl_3$, $Ce(SO_4)_2$ compounds of concentrations of the order of 10^{-6}, 10^{-5}, 10^{-4}, 10^{-3}, 10^{-2}, 10^{-1}, 10^{0} wt % of the metal activator. The obtained mixture is wet-milled

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

L 23316-66
ACC NR: AT6004211

dried at 80C and then dry-milled again. The electrical properties of the thermistors obtained by pressing, sintering at 1150C and again at 120C for 200 hours are investigated. By increasing the concentration of the activator the resistance R_{20} of the samples activated by Li^{+} and Cu^{2+} decrease from the order of 1 to 3.5, while the R_{20} of those activated with Cs^{1+}, Ce^{3+} and Ce^{4+} showed no significant changes. The thermistors have a temperature coefficient α_{20}. The X-ray investigation indicated a new phase in the form of tetragonal spinel $CoMn_2O_4$. No structural changes were produced by small amounts of activators. Orig. art. has: 2 figures and 4 tables. [Based on author's abstract]

SUB CODE: 09/ SUBM DATE: none ORIG REF: 002/ SOV REF: 001/
OTH REF : 004/

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S.

Simultaneous explosion of charges placed on the arc of a circle and on straight lines coming together at a certain angle. Trudy Inst. geol. KirFAN no.4:71-86 '53. (MIRA 11:3)
(Blasting)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P. S. Engineer

"An Investigation of the Directional Effect of an Explosion in Subargillaceous Formations." Cand Tech Sci, Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin, Mining Sector, Kirgiz Affiliate Acad Sci USSR, Frunze, 25 Oct 54. (VM, 21 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S.

"The Question of the Applicability of the Modeling Method For the Study of Explosions for Ejection" Tr. In-Ta Geol. An Kirg SSR, No. 5, 1954, 9-12

The author presents a number of considerations concerning conditions of similarity during explosions for the ejection of ground. The influence of gravity and criteria of similarity are not considered. (RZhMekh, NO.9 1955)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

The Question of Determining Retardation time in a Directed Explosion
Tr. In-ta G ol. Ak KirgSSR. No 5. 1954, [illegible]

The author examines the calculation of the time between the explosion of the auxiliary and main charges in a directed explosion. He compares his method with results obtained earlier, and notes that his method gives a larger value for the retardation time. He asserts the correctness of his own calculations, citing experimental data in support of his results. (ZhMekh, No 7, 1959)

SO: Sum-No XXX [illegible] Jan 60

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S.

Effect of the explosive charge shape on the area to be demolished. Izv.AN Kir.SSR no.1:69-80 '55. (MIRA 9:9)
(Coal mines and mining--Explosives)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

SOV 124-57 4-3987

Translation from: Referativnyy zhurnal. Mekhanika, 1957 Nr 4, p 19 (USSR)

AUTHOR: Danchev, P. S.

TITLE: On the Relationship Between the Initial Pressure of an Explosion and the Charge Coefficient (O zavisimosti nachal'nogo davleniya vzryva ot koeffitsiyenta zaryazhaniya)

PERIODICAL: Tr. In-ta geol. AN KirgSSR, 1956, Nr 7, pp 105-110

ABSTRACT: The paper adduces the calculations of the maximum pressures of explosive gases in a blast hole and the specific power delivered by an explosion in relation to the ratio of the charge diameter to the diameter of the blast hole. The dynamic nature of the process of detonation is not taken into consideration, and it is assumed that the explosive gases in their initial state obey the formula usually applied to internal ballistics with the covolume taken into account

G. I. Pokrovskiy

Card 1/1

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S.; CHUKOBAYEV, A.A.; IMARALIYEV, A.

Increasing the size of coal lumps by lowered coefficients of blast hole charges. Izv. AN Kir.SSR no.4:189-201 '57. (MLRA 10:7)

(Coal mines and mining--Explosives)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S.

14(5) PHASE I BOOK EXPLOITATION SOV/2769

Baranov, Yevgeniy Gerasimovich, Pavel Stepanovich Danchev, Konstantin Ivanovich Ivanov, Vladimir Olimpiyevich ~~Mal'chonok, Aleksey~~ Dmitriyevich Pashkov, and Aleksandr Nisanovich Khanukayev

Issledovaniye protsessov bureniya i vzryvaniya s primeneniyem kinos"yemki (Photographic Study of Drilling and Blasting Processes) Moscow, Ugletekhizdat, 1959. 186 p. 2,000 copies printed.

Ed.: K.V. Pavlov; Ed. of Publishing House: T.I. Koroleva; Tech. Ed.: A. Sabitov.

PURPOSE: The book is intended for scientists and engineers in the mining industry. It may also be used as a textbook in institutes of higher technical training.

COVERAGE: The book contains the results of a photographic study of drilling and blasting processes. Analysis of the operation of perforators and percussive drilling rigs, and the study of explosion phenomena by filming helped to reveal

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the physical nature and the regularities of high-speed processes and to indicate ways and means of increasing the efficiency of drilling and blasting work. Photographic work was done at the Central Film Laboratory of the MVO by B.V. Frantsisson and B.G. Sukhov. The author thanks M.M. Dokuchayev. There are 56 references: 48 Soviet, 4 English, 3 German, and 1 French.

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PHASE I BOOK EXPLOITATION SOV 3618

Akademiya nauk Kirgizskoy SSR

Izvestiya. Seriya yestestvennykh i tekhnicheskikh nauk, tom 1, vyp. 1 (News. Series on Natural and Technical Sciences, Vol 1, No. 1) Frunze, 1959. 164 p. 500 copies printed.

Ed.: F.T. Kashirin, Tech. Ed.: M.G. Anokhina

PURPOSE: This book is intended for research scientists and teachers in institutes of higher education who may be interested in developments and research trends in various scientific fields.

COVERAGE: The book contains 12 articles by persons affiliated with the Academy of Sciences Kirgiz SSR on studies in physical chemistry, industrial chemistry, applied physics (blasting dynamics), electric power engineering, electronics, agronomy, metallurgy, pure mathematics, etc. A bibliography of 1957 publications of the Academy includes works on history, archeology, economics, linguistics, literature, geology, biological sciences (botany, zoology, medicine), and technology. No personalities are mentioned. References accompany most of the articles.

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

DANCHEV, P.S., kand.tekhn.nauk

Effect of water-saturated ground and rocks on blast effects.
Vzryv. delo no.45:54-62 '60. (MIRA 14:1)
(Blast effect) (Water, Underground)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

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PHASE I BOOK EXPLOITATION SOV/5298

Akademiya nauk SSSR. Ural'skiy filial. Gorno-geologicheskiy institut.

Podzemnaya razrabotka rudnykh mestorozhdeniy (Underground Exploitation of Ore Deposits) Sverdlovsk [1960] 165 p. (Series: Its: Trudy, vyp. 54) 1,000 copies printed.

Editorial Board: K. V. Kochnev, Professor, Doctor of Technical Sciences; L. Ye. Zubrilov, Candidate of Technical Sciences; A. A. Ilivitskiy, Candidate of Technical Sciences. Ed. of Publishing House: M. S. Ebergardt; Tech. Ed.: N. P. Seredkina.

PURPOSE: This publication is intended for engineering and technical personnel in the mining industry.

COVERAGE: This is a collection of 22 articles by different authors on problems of underground exploitation of large massive ore deposits in the Urals. The articles are based on studies carried out in the Laboratory for the Exploitation of Ore Deposits of the Gorno-geologicheskiy institut UFAN SSSR (Institute of Mining Geology, Ural Branch AS USSR), between 1958-1959. No personalities are mentioned. Most of the articles are accompanied by references.

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DANCHEV, P.S.

Influence of the charging ratio on the effect of blasting during mining operations. Trudy Gor.-geol.inst.UFAN SSSR no.54:121-124 '60. (MIRA 14:6)

(Blasting)

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DANCHEV, P.S., kand.tekhn.nauk; KOLIBABA, V.L., gornyy inzh.; BREZGIN, A.S., gornyy inzh.

Boring and blasting operations in the Yestyuninskoye Mine. Vzryv. delo no.48/4:38-44 '61. (MIRA 15:2)

1. Vysokogorskoye rudoupravleniye. 2. Ural'skiy filial AN SSSR (for Danchev).
(Yestyuninskoye region--Blasting) (Boring)

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DANCHEV, P.S.; PRYNICHNIKOV, V.A.; BREZGIN, A.S.; CHIRKOV, G.A.

Use of short-delay blasting in the Yestyuninskoye Mine. Trudy Gor.-geol. inst. UFAN SSSR no.57:29-32 '61. (MIRA 15:3)
(Yestyuninskoye region (Sverdlovsk Province)--Blasting)

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DANCHEV, P.S., kand.tekhn.nauk

Relationship between the resultant shattering of a medium and the coefficient of charging. Vzryv. delo no.50/7:71-78 '62. (MIRA 15:9)

1. Ural'skiy filial AN SSSR.
(Blasting)

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DANCHEV, P.S.; PUCHKOV, Ya.M.

Effect of an exposed surface on the degree of crushing of the medium by a blast of a charge of explosives. Trudy Inst.for.dela UFAN SSSR no.7:15-26 '63. (MIRA 17:3)

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DANCHEV, P.S.; PUCHKOV, Ya.M.; VETLUZHSKIKH, V.P.

Effect of short-delay blasting on the quality of the shattering and breakdown of rock. Trudy Inst.gor.dela UFAN SSSR no.7:27-35 '63. (MIRA 17:3)

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DANCHEV, P.S.

Effects of a blast caused by and air pocket in a charging chamber. Trudy Inst.gor.dela UFAN SSSR no. :37-45 '63.

Study of the stability and speed of detonation of elongated charges. Ibid.:47-53 (MIRA 17:3)

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LANCHEV, F.S., kand. tekhn. nauk; [illegible]CHEROV, Ya.M.; [illegible], V.F.

Effect of the delay time on the fragmentation quality of the rock blasted by borehole charges. Vzryv. delo no.55/12: 188-195 '64. (MIRA 17:10)

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LANCHEV, P.S.; VETLUZHSKIKH, V.P.; PLEKHANOV, A.V.

Using short-delay blasting in breaking ore by the detonations of borehole charges at the Magnetita" Mine. Vzryv. delo no.55/12:267-274 '64. (MIRA 17:10)

1. Institut gornogo dela Gosmetallurgprombiteta (for Lanchev, Vetluzhskikh). 2. Shakhta "Magnetitovaya" Vysokogorskogo mestorozhdeniya (for Plekhanov).

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USSR/Geology - Lithology Mar/Apr 51

"Problems of Lithology Discussions," V. I. Danchev, A. G. Kossovskaya

"Iz Ak Nauk, Ser Geol" No 2, pp 118-138

Points out differences of opinions between Pustovalov and Strakhov on geol processes and concludes that Strakhov's criticism of Pustovalov's theory is unfounded and full of controversy.

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MENYAYLOV, A.A., doktor geologo-mineralogicheskikh nauk; DANCHEV, V.I., kandidat geologo-mineralogicheskikh nauk.

In the Department of Geological and Geographical Sciences; regular meeting. Vest.AN SSSR 25 no.8:75 Ag '55. (MLRA 9:1)
(Geology) (Ore deposits)

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DANCHEV, V.I.

Color of sedimentary rocks as one of the indicators of conditions of their formation. Vop.min.osad.obr. 3/4:57-72 '56. (MLRA 9:11)

1. Institut geologicheskikh nauk Akademii nauk SSSR, Moskva.
(Rocks, Sedimentary)

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DANCHEV, V. I.

Method of study of the color of sedimentary rocks. V. I. Danchev (Inst. Geol. Ore Deposits, Petrography, Mineral., and Geochem., Acad. Sci. U.S.S.R., Moscow). *Izvest. Akad. Nauk S.S.S.R., Ser. Geol.* 1956, No. 7, 49-60.—Brief survey and crit. evaluation of methods of study of color of sedimentary rocks. The photometric method is suggested for obtaining quant. characteristics of color. A brief discussion of the photometer and methods of its use are given. Attention is called to the relation of color of sedimentary rocks to their material compn., and to the feasibility of using color for genetic and prospecting purposes. 26 references.

Gladys S. Macy

1

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AUTHOR Danchev, V.I. SOV/11-58-11-6/14

TITLE: The Significance of the Quantitative Determination of the Color of Rocks in the Study of the Sedimentary Deposits of Uranium Ores (Znacheniye kolichestvennogo opredeleniya tsveta porod pri izuchenii osadochnykh mestorozhdeniy uranovykh rud)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958, Nr 11, pp 71 - 83 (USSR)

ABSTRACT: This article deals with a photometric method of determining the coloration of uranium-bearing carbonaceous rocks. The author analyzes the connection between rock coloration and its contents of uranium compounds, organic substances and various forms of iron. W.W. Patnode, P.D. Trask and other U.S. scientists are cited by the author, who describes their method of detecting uranium according to the coloration of various sedimentary rocks. There are 6 graphs, 4 diagrams and 24 references, 15 of which are Soviet, 8 American and 1 English.

SUBMITTED: March 31, 1958

1. Rock--Geology 2. Rock--Color 3. Uranium--Determination
4. Photometry--Applications

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DANCHEV, V.I.; LUR'YE, A.M.

Distribution of lead and manganese in Devonian sedimentary rocks of the Gava-Kassan interfluve in the Chatkal Range. Uzb.geol.zhur. no.2:12-19 '59. (MIRA 12:8)

1. Institut geologicheskikh nauk i Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Chatkal Range--Lead) (Chatkal Range--Manganese)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00110

3(5)

SOV/11-59-7-3/1

AUTHORS: Danchev, V.I. and Ol'kha, V.V.

TITLE: Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 7, pp 16-25 (USSR)

ABSTRACT: According to the prevailing opinion, the carbonaceous sedimentary strata, containing uranium ore, were formed as a result of favorable continental-maritime conditions at the time of their sedimentation. Following intensive rock erosion, the uranium-bearing compounds were washed down in the coastal maritime areas. Regeneration conditions, caused by the accumulation of organic substances, aided in the sedimentation of uranium compounds from muddy waters, with the ensuing sorption of these compounds by organic and colloidal parts of the sediment. Minerals thus formed were again redistri-

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Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

buted during the diagenetic and epigenetic processes. This is also the authors' opinion. Some geologists thought that uranium deposits were formed as a result of either a hydro-thermal-metasomatic process or of a metamorphic action of thermal solutions. In both cases this action was rendered possible by a greater effective porosity of ore-bearing rocks than that of oreless ones. The author checked the degree of porosity of ore-bearing rocks by a slightly modified method elaborated by I.A.Preobrazhenskiy. It consists of soaking (in water) the samples of rocks previously dried out in a vacuum. The difference in weight of a sample gives an idea of the volume of pores of the said sample and the relation between the volume of pores and that of rocks gives the factor of effective porosity (PEF). Samples were taken from the most wide-

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Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

ly spread varieties of ore-bearing rocks such as: 1) limestones of oolithic structure; 2) limestones of organogenic structure and 3) dolomites and calcareous dolomites of crystalline structure. Altogether, 252 tests were made. The results showed that samples of the first two groups have a much lower effective porosity factor (4.3% and 5.2%) than those of the third group (10.2%). Thus, dolomites and calcareous dolomites of crystalline structure have the highest porosity factor and at the same time contain only small quantities of uranium ores. The correlation between uranium content and the effective porosity of rocks is shown in figure 3. The lower part of this graph covers samples of variegated rocks of all three of the above mentioned groups with poor but evenly distributed ore concentration and with a high effective

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Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

porosity factor. Samples of rocks with a higher ore content, and the lowest effective porosity factor, are covered in the medium part of the graph. An even distribution of uranium ore is the main characteristic of this group of samples, belonging to the limestones of orogenic structure and forming the main group of ore-bearing rocks. The upper part of the graph covers limestones of oolithic structure with the highest ore content but with a very variable (from 1% to 8-9%) effective porosity factor. Such variations depend, according to the authors, on genetic features of sedimentary uranium ore deposits associated with the carbonaceous rocks. For instance the simultaneous increase of the porosity and of the ore content is connected with the stage of their epigenetic transformation which occurred during the

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Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

elevation process causing the erosion of these elevated rocks, that is increasing their porosity without carrying away the uranium bearing minerals. Extensive radiographic study of the distribution of uranium (figures 4,5,6) in different parts of ore deposits shows that dispersional forms of mineralization prevail in those parts of deposits which were less subject to the recrystallization and lixiviation processes. This, say the authors, confirms the theory of the primarily-sedimented genesis of mineralization. In rich ores, with a higher effective porosity factor, the prevailing veined mineralization is a result of a process of epigenetic migration of mineral ore-components. The following geologists are mentioned by the authors: V.V.Veber, I.I.Romm, V.G. Savich, N.M. Strakhov, L.B.Rukhin and L.V.Pustovalov. There are

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Certain Problems of the Genesis of Uranium Mineralization in Connection With the Study of Effective Porosity of Ore-Containing Carbonaceous Rocks

14 photographs, 2 graphs, and 15 references, 14 of which are Soviet and 1 French.

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DAMCHEV, V.I.; KORNILOV, A.M.; MEYMYSHEV, M.V.; OL'KHA, V.V.; PROSHLYAKOV, B.K.; STRELYANOV, N.P.; SYTNIKOV, M.P.

Uranium mineralization in carbonate sedimentary rocks. Geol.rud.mestorozh. no.6:27-38 N-D '59. (MIRA 13:7)
(Uranium ores)

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KUZNETSOV, V.G.; DANCHEV, V.I.

Lithology of the horizon 12 (lower Albian) in Kagan structures (western Uzbekistan) and the paleogeography at the time of its formation. Trudy MINKHiGP no.27:256-265 '60. (MIRA 13:9)

(Uzbekistan—Rocks, Sedimentary)
(Uzbekistan—Paleogeography)

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DANCHEV, V.I.; OL'KHA, V.V.

Reservoir properties of carbonate rocks in Paleogene oil-bearing horizons of Fergana. Geol. nefti i gaza 4 no. 3:42-44 Mr '60. (MIRA 13:12)

1. Institut geologii rudnykh mestorozhdeniy petrografii, mineralogii i geokhimii AN SSSR.
(Fergana--Rocks, Carbonate)

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