"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

PETROVSKIY, B.V.; SOLOV'YEV, G.M.; SHUMAKOV, V.I.; BUNYATYAN, A.A.; KHODAS, M.Ya.; SHABALKIN, B.V.; RYSHKIN, V.S.; PYATNITSKAYA, G.Kh.

Results of work with the apparatus of artificial blood circulation of the Craford-Senning system. Trudy 1-go MMI 33:9-14 '64.
(MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

PETROVSKIY, B.V.; SOLOV'YEV, G.M.; KHODAS, M.Ya.; ARKATOV, V.A.; ZHIDOVETSKAYA, A.Sh.; TUMASHEVA, N.N.

Some hematological and biochemical indices in experimental extracorporeal circulation; preliminary report. Trudy 1-go MMI 33:15-24 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODAS, M.Ya.; GRACHEV, V.I. [deceased]; IVANOVA, L.A.

Mechanism of the effect of thiopental on the level of the blood sugar in ether anesthesia. Trudy 1-go MMI 33:34-40 '64.

Effect of thiopental on the content of adrenergic substances in the blood in ether anesthesia. Ibid.:51-56

(MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

GEBEL', G.Ya.; KHODAS, M.Ya.

Some problems in the study of the physiology of the heart; effect of phenothiazine preparations on the heart. Trudy 1-go MMI 33: 83-104 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

OSIPOV, V.P.; KHODAS, M.Ya.

State of the blood supply of the cerebral cortex during artificial arterial hypotonia. Trudy 1-go MMI 33:105-115 '64.

(MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

BAIASHOV, Yu.A. [deceased]; KHODAS, M.Ya.; KOLYUTSKAYA, O.D.

Methos of polarographic determination of oxygen tension in the tissues. Trudy 1-go MMI 33:116-119 '64.

(MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

BUNYATYAN, A.A.; SOLOV'YEV, G.M.; SHUMAKOV, V.I.; KHODAS, M.Ya.

Anesthetic characteristics and safety provisions in operations on an open heart with extracorporeal circulation. Trudy 1-go MMI 33:199-204 '64. (MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

RAYSKINA, M.Ye.; SAMOYLOVA, Z.T.; KHODAS, M.Ya.

Effect of adrenaline, noradrenaline and acetylcholine on the oxygen balance of the heart following a ligation of the coronary artery. Pat. fiziol. i eksp. terap. 9 no.3:16-20 My-Je '65. (MIRA 18:9)

1. Kafedra patologicheskoy fiziologii (zav.- prof. S.M. Leytes) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

GORGIYEV, T.B.; KRASNOVA, V.G.; YARTSEVA, I.M.; KHODAS, N.D.; RUKAVITSA, T.Z.

Some data on mortality from influenza in Dnepropetrovsk during the 1959 epidemic. Vop. virus. 6 no.5:628-629 S-O '61. (MIRA 15:1)

1. Institut epidemiologii, mikrobiologii i gigiyeny imeni N.F.Gamalei, Dnepropetrovsk.

(DNEPROPETROVSK--INFLUENZA)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, A.P.

Determination of promedol in forensic chemical studies.
Apt.delo 4 no.5:38 S-O '55. (MLRA 8:12)

1. Iz Byuro respublikanskoy subednomeditsinskoy ekspertizy Ministerstva zdravookhraneniya Latviiskoy SSR.
(ANALGESICS, determination,
4-phenyl-r-propoxy-1,2,5,-trimethyl-piperidine HCl, forensic aspects)

Office of Republic Forensic medical Examination, Min. Health Latv SSR

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, A.F.

Speeding up forensic chemical investigations. A. F. Khodasevich. Aptechnoe Delo 5, No. 2, 31(1956).—Large amts. of alc. used in toxicological analysis are evapd. on a water bath at 40° in an air stream directed at an angle of 20-30°. Evapn. time is reduced from 15-18 to 5-6 days [illegible] V. S. Markin

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, A.P.

Death due to caffeine poisoning; a case from practice. Farm.i toks. 19 supplement:62 '56. (MLRA 10:7)

1. Respublikanskoye byuro (nach. A.V.Shpiganovich) sudebno-meditsinskoy ekspertizy Ministerstva zdravookhraneniya Latviyskoy SSR.

(CAFFEINE--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, B. (Leningrad)

Manufacturing the least expensive and most effective chemical fertilizers. Vop. ekon. no.3:152-153 Mr '60.

(MIRA 13:2)

(Fertilizers and manures)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, D. (Leningrad); VASIL'YEVA, R. (Kiyev); PUKHLYAKOV, P. (Voronezh)

From practice of economics departments of institutions of higher learning. Vop. ekon. no.1:130-133 Ja '61. (MIRA 13:12)
(Economics—Study and teaching)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, B. (Leningrad)

Research and study process. Vop. ekon. no.12:148-149 D '62.
(MIRA 16:1)

(Agriculture—Economic aspects—Study and teaching)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

FRENKEL', Z. G., prof.; MALIYENKO-PODVYSOTSKIY, A.G., kand. tekhn. nauk; KHODASEVICH, B.G., kand. sel'skokhoz. nauk

Concerning the article entitled "Objectives in safeguarding the sanitation of natural waters during the new phase in the development of the chemical industries" by Professor S.N. Cherkinskii, corresponding member of the Academy of Medical Sciences of the U.S.S.R. Gig. i san. 24 no.5:62-63 My '59. (MIRA 12:7)

(INDUSTRIAL WASTES) (SEWAGE IRRIGATION)
(CHERKINSKII, S.N.)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, B. G.

Timiriazev, Kliment Arkad'evich

Master and develop the ideas of K.A. Timiriazev. B.G. Khodasevich. Sel. i sem. 20, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress June 1953. UNCL.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, B.G., kand. sel'skokhoz. nauk, dotsent (Leningrad)

Production and use of nitrogen fertilizers in the northwestern region of the U.S.S.R. Trudy LIEI no.37:57-59 '61. (MIRA 18:4)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

BADAR'YAN, G.G.; TYUTIN, V.A.; CHEREMUSHKIN, S.D.; ZUZIK, D.T.; KHODASEVICH, B.G.; FRAYER, S.V.; GUSAROV, Ye.I.; KAZANSKIY, A.M.; KASSIROV, L.N.; KARAYEV, S.A.; ABRAMOV, V.A.; VASIL'YEV, N.V.; BUGAYEV, N.F.; SAPIL'NIKOV, N.G.; KASTORIN, A.A.; RUDNIKOV, V.N.; YAKOVLEV, V.A.; PEREMYKIN, V.I.; ISAYEV, A.P.; KUZ'MICHEV, N.N.; IL'IN, S.A.; PRONIN, V.A.; LUK'YANOV, A.D.; SHAKHOV, Ya.K.; IL'ICHEV, A.K., kand. sel'-khoz. nauk; KOGAN, A.Ya.; TSYNKOV, M.Yu.; BABIY, L.T.; GORBUNOV, I.I.; KOVALEV, A.M.; ROMANCHENKO, G.R.; BRODSKAYA, M.L., red.; IVANOVA, A.N., red.; GUREVICH, M.M., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[Economics of agriculture]Ekonomika sotsialisticheskogo sel'-skogo khoziaistva; kurs lektsii. Moskva, Sel'khozizdat, 1962. 710 p. (MIRA 15:10)
(Agriculture—Economic aspects)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, Boris Georgiyevich; PANIN, N.S., red.; PONOMAREVA, A.A., tekhn. red.

[Economics of agricultural transportation] Ekonomika sel'skokhoziaistvennykh perevozok. Moskva, Ekonomizdat, 1963. 196 p. (MIRA 16:12)
(Economics of agricultural transportation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KORNILOV, M.F., doktor sel'skokhozyaystvennykh nauk; KHODASEVICH, B.[illegible]; CHURKIN, K.G.

Using town construction and industrial waste for the fertilization of fields. Zemledelie 24 no.10:62-68 O '62. (MIRA 15:11)

1. Severo-Zapadnyy nauchno-issledovatel'skiy institut sel'skogo khozyaystva (for Kornikov). 2. Leningradskiy sel'skokhozyaystvennyy institut (for Khodasevich). 3. Ural'skiy nauchno-issledovatel'skiy institut sel'skogo khozyaystve (for Churkin).

(Fertilizers and manures)
(Waste products)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, B.G.

Economic efficiency of road construction for agricultural purposes.
Avt. dor. 28 no.1:3 Ja '65. (MIRA 18:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

USSR/Cultivated Plants - Fodders. II-6

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39366

Author : Kuddasevich, E.V.

Inst : Institute of Biology AS BSSR

Title : Alfalfa Varieties Offering Good Prospects in Byelorussia

Orig Pub : Byul. In-ta biol. AN BSSR, Vyp. 2, 1956 (1957), 12-15

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, E.V.

Promising alfalfa varieties under conditions prevailing in White Russia. Biul. Inst. biol. AN BSSR no.2:12-15 '57. (MIRA 11:2)
(White Russia--Alfalfa--Varieties)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, E.V.

Alfalfa varieties of promise for White Russia. Report No.2.
Biul.Inst.biol.AN BSSR no.3:68-72 '58. (MIRA 13:7)
(WHITE RUSSIA--ALFALFA--VARIETIES)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, E.V.

Studying the amino acid content of proteins and free amino acids in alfalfa. Biul.Inst.biol.AN BSSR no.3:133-135 '58. (MIRA 12:7)

(AMINO ACIDS) (ALFALFA)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, E. V.

Cand Biol Sci - (diss) "Biological characteristics and biochemical characteristics of several varieties of alfalfa introduced in the Belorussian SSR." Minsk, 1961. 19 pp; (Belorussian State Univ imeni V. I. Lenin); 220 copies; price not given; (KL, 6-61 sup, 209)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, E.V.

Frost resistance of different varieties of alfalfa in White Russia. Biul. Inst. biol. AN BSSR no.6:170-174 '61. (MIRA 15:3)
(WHITE RUSSIA--ALFALFA--VARIETIES)
(PLANTS--FROST RESISTANCE)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

GODNEV, T.N.; KHODASEVICH, E.V.

Concerning the structure of the lamellae of chloroplasts.
Biul. Inst. biol. AN BSSR no.6:111-114 '61. (MIRA 15:3)
(CHROMATOPHORES)
(PHOTOSYNTHESIS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

GODNEV, T.N., akademik; AKULOVICH, N.K.; KHODASEVICH, E.V.

Participation of the etherified and unetherified forms of the protochlorophyll of etiolated sprouts in the formation of a-chlorophyll. Dokl. AN SSSR 150 no.4:920-923 Je '63. (MIRA 16:6)

1. Institut biologii AN BSSR.
(Chlorophyll) (Etiolation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACCESSION NR: AP4036730

S/0020/64/156/002/0471/0473

AUTHOR: Godnev, T. N. (Academician, AN BSSR); Khodasevich, E. V.; Akulovich, N. K.

TITLE: On the secondary action of powerful light pulses on the stability of photosynthesizing systems

SOURCE: AN SSSR. Doklady*, v. 156, no. 2, 1964, 471-473

TOPIC TAGS: photosynthesis, chloroplast, chlorophyll, transmutation, pigment system, protochlorophyll, quantum light energy

ABSTRACT: The authors were interested in tracing the effect of powerful light intensities, during long periods of exposure, so as to quantitatively study the capacity of chloroplasts to repeat photochlorophyll production and chlorophyll storage during subsequent illumination by diffused light. In addition, the after-effects of repeated powerful short flashes were studied. The experimental subjects were 12-day old etiolated intersprouts of corn. The plants were exposed at 6-second intervals to powerful (10^{10} erg/cm·sec) light sources having frequencies of 1, 2, 10, and 100 pulses per sec and a duration of 1/500 sec. It was concluded that

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ACCESSION NR: AP4036730

the photochlorophyll of the plants was transmuted into chlorophyll (chlorophyllide + chlorophyll) from 42% (at 1 pulse) to 36% (at 100 pulses) of protochlorophyll. It was determined that the transmuted protochlorophyll gave no evidence of destructive action on the pigment system and that the process of protochlorophyll accumulation continued normally. The photosynthesizing system, as a whole and contiguous to the chloroplast of plasma, was not damaged by the brief exposure to large amounts of quantum light energy. Orig. art. has: 2 tables.

ASSOCIATION: Institut eksperimental'noy botaniki i mikrobiologii. Akademii nauk BSSR (Institute of Experimental Botany and Microbiology, Academy of Sciences, BSSR)

SUBMITTED: 07Jan64 DATE ACQ: 16Jun64 ENCL: 00

SUB CODE: LS NO REF SOV: 001 OTHER: 008

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

GODNEV, T.N., akademik; KHODASEVICH, E.V.

Pigment biosynthesis in some evergreen plants at subfreezing temperatures. Dokl. AN SSSR 160 no.5:1206-1208 F '65.
(MIRA 18:2)

1. Institut eksperimental'noy botaniki i mikrobiologii AN BSSR.
2. AN BSSR (for Godnev).

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, I.A.; KIRILKIN, G.Ye.; MIKHALENKO, G.S.

Railroad worker with initiative. Put' i put.khoz. 6 no.5:44 '62. (MIRA 15:4)

1. Nachal'nik Mogilevskoy distantsii Belorusskoy dorogi (for Khodasevich).

(Railroads--Employees)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

SONGINA, O.A.; KHODASEVICH, S.A.

Part played by Zimmerman-Reinhardt's solution in the permanganometric determination of iron. Zhur.anal.khim. 16 no.5:516-522 S.O '61. (MIRA 14:9)

1. Kazakh State University, Alma-Ata.
(Iron--Analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

SONGINA, O.A.; DAUSHEVA, M.R.; KHODASEVICH, S.A.

Amperometric titration of manganese with permangante in the presence of pyrophosphate. Zhur.anal.khim. 17 no.8:966-971 N '62. (MIRA 15:12)

1. S.M.Kirov Kazakh State University, Alma-Ata.
(Manganese--Analysis) (Conductometric analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ARABADZHI, V.I. (Minsk); KHODASEVICH, S.G. (Minsk)

Damage of trees by lightning. Priroda 52 no.2:99-100 '63.
(Lightning) (Trees) (MIRA 16:2)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHODASEVICH, S.G.

Study of the electric current flow in broad-leaved and coniferous trees. Dokl. AN SSSR 155 no. 4:967-969 Ap '64. (MIRA 17:5)

1. Predstavleno akademikom A.L.Kursanovym.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

RHODASEVICH, V. G.

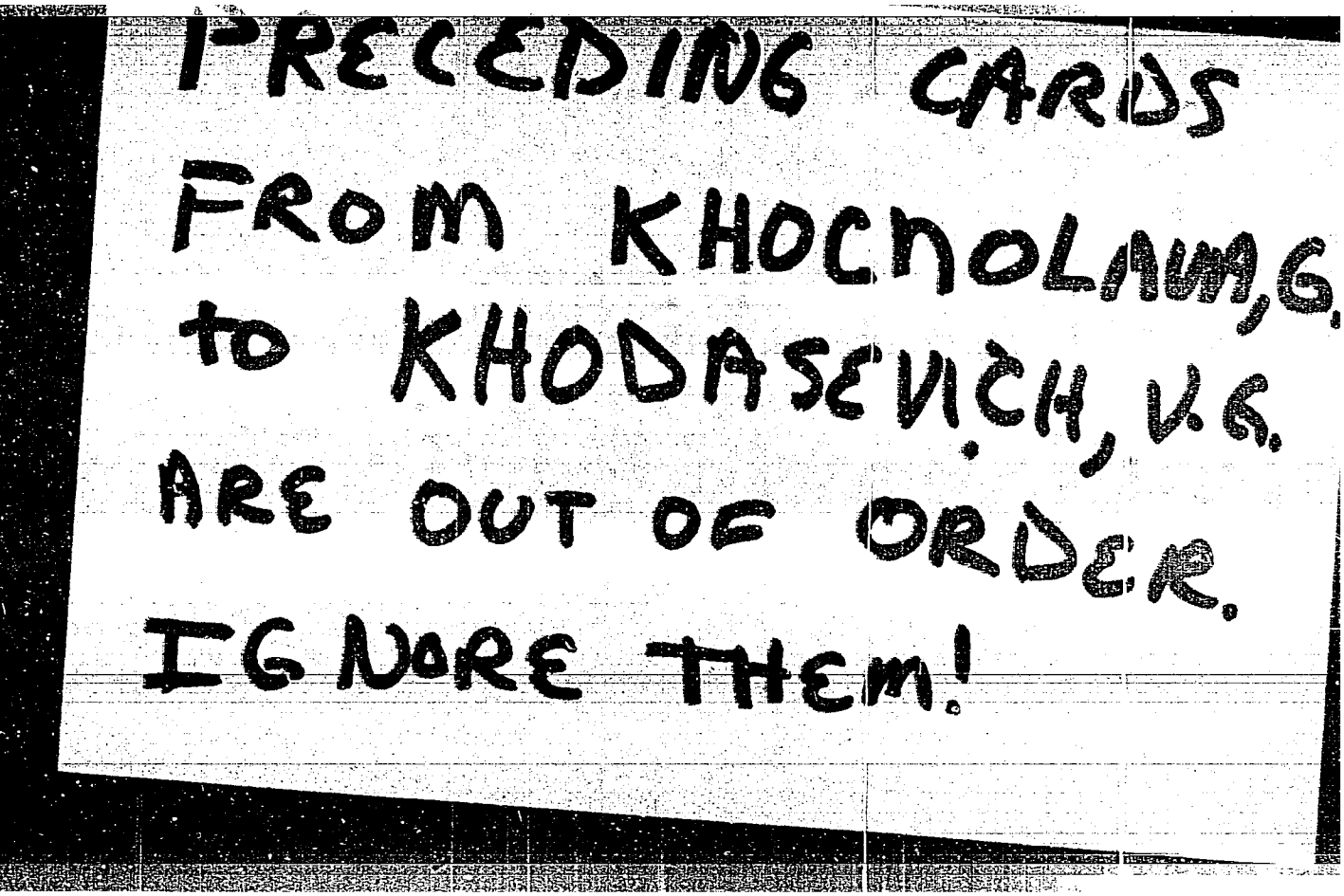
LIFANOV, P., otvetstvennyy za vypusk, YUSUPOV, G.G., otvet.red.; LIFANOV, P.K., red.; POGREBINSKAYA, K.A., red.; KRAYNYUK, P.K., red.; RHODASEVICH, V.G., red.; KHAMRAYEV, L., red.; BARKOVSKIY, I.I., red., YUGINBURG, S.M., red.; KOGAN, V.S., tekhn.red.

[Economy of Samarkand Province; a statistical manual] Narodnoe khoziaistvo Samarkandskoi oblasti; statisticheskii sbornik. Samarkand, 1958. 95 p. (MIRA 11:9)

1. Samarkand (Province). Oblastnoye statisticheskoye upravleniye (Samarkand Province--Statistics)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2



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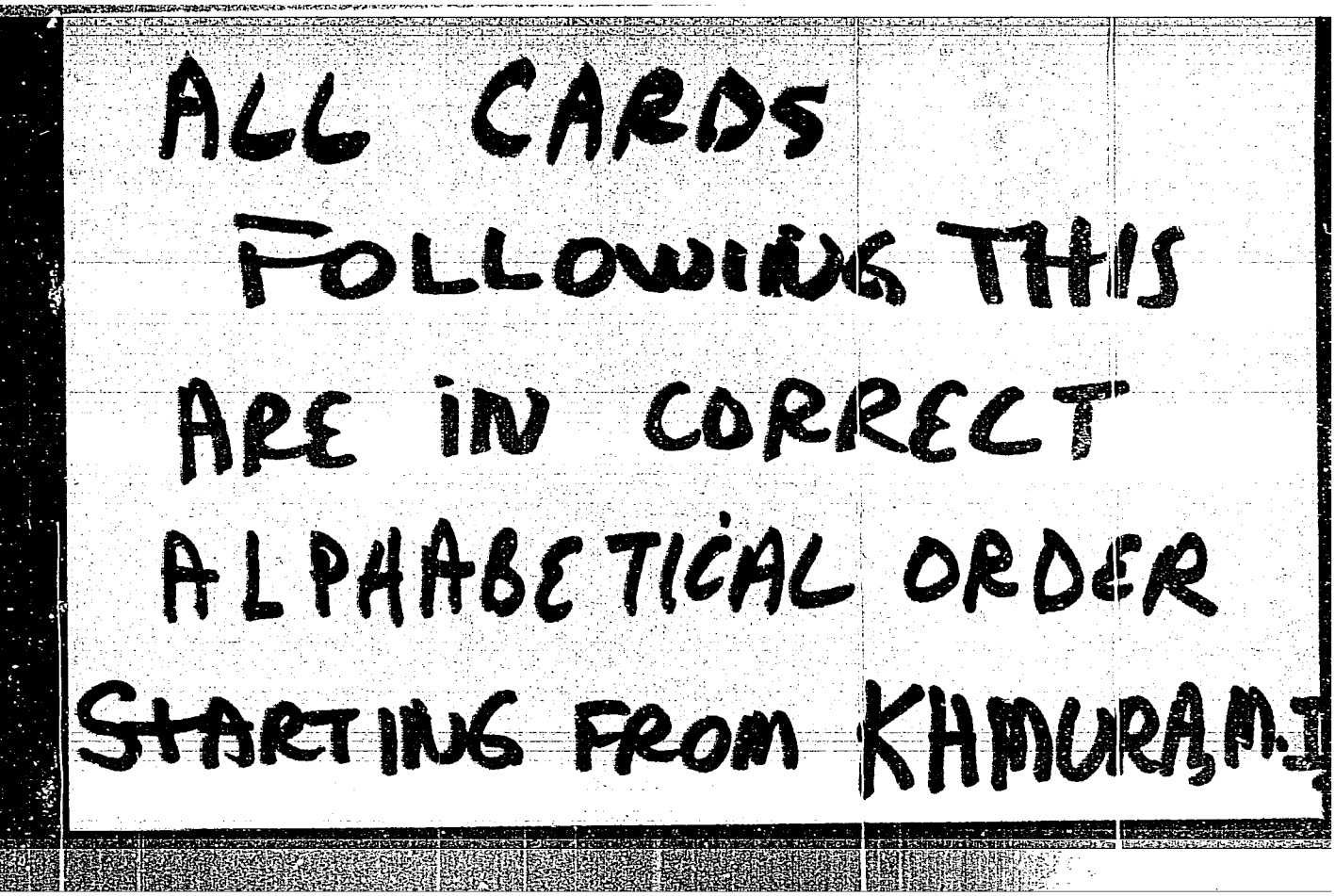

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SOV/153-2-4-27/32

5(1,3)
AUTHORS: Suvorov, B. V., Rafikov, S. R., Khmura, M. I., Kudinova, V. S., Kostromin, A. S.

TITLE: Direct Synthesis of Dinitriles of the Aromatic Sequence From Dialkyl Benzenes and Terpene Hydrocarbons

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 4, pp 614 - 618 (USSR)

ABSTRACT: Aromatic dinitriles are promising raw materials for the production of phthalic acids and diamines of the aliphatic-aromatic and alicyclic sequence. These again are the initial products for the production of polyesters and polyamides (Ref 1). The latter, however, can be directly obtained from dinitriles by their interaction with secondary and tertiary highly molecular alcohols (Ref 2). Hence the great interest in the new ways of producing dinitriles of various structures. After giving a survey of publications (Refs 3,4) the authors state that they have been dealing with the catalytic ammonolysis of organic compounds for years (Refs 5-7). With regard to their task of synthesizing dinitriles they pay special attention to the ammonolysis of dialkyl benzenes especially in the presence of air. The apparatus

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used for this purpose is filled with a granulated catalyst. Mixed catalysts of oxides of vanadium, tin, titanium, and some other elements with varying valence proved to be most effective. p-Xylene is the most accessible and promising raw material in the synthesis of dinitrile of terephthalic acid. Hence its transformations were investigated most thoroughly. Figure 1 shows the qualitative composition and the quantitative conditions of the reaction products of a characteristic experimental series. Hence it appears that oxidative ammonolysis yields a very complicated scale of substances. The main products, however, are the dinitrile and p-tolunitrile required. The composition of the reaction products greatly depends on the reaction conditions. The process can be directed to the special formation of any product by the choice of the respective reaction products. The structure of the initial product is also of importance. In addition to p-xylene, other p-dialkyl benzenes as well as hydroaromatic and terpene hydrocarbons underwent the reaction mentioned. All of them yielded terephthalic-acid dinitrile, and may thus be considered a source of reserve raw materials. Dinitriles of isophthalic and o-phthalic acid are

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very interesting. In addition to xylylene diamines (for the production of high-melting, fiber-forming polyamides), other valuable compounds can be obtained: orthoisomer (for phthalocyanine dyes (Ref 9), for refractory varnishes and glasses). Their yield exceeded 50%. The ammonolysis mentioned can also take place without oxygen (Ref 3), but the yield of dinitriles remains small (5-10%) (Fig 2). Aromatic aldehydes and acids react readily with ammonia under similar conditions and give nitrile yields close to theorctical ones (Ref 10). A report on the above paper was given at the All-Union Conference on "Ways of Synthesis of Initial Products for the Production of High Polymers" which took place in Yaroslavl' from September 29 to October 2, 1958. There are 2 figures and 11 references, 8 of which are Soviet.

ASSOCIATION: Institut khimicheskikh nauk AN KazSSR (Institute of Chemical Sciences of the Academy of Sciences, Kazakh SSR)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

SUVOROV, B.V.; RAFIKOV, S.R.; ZHUBANOV, B.A.; KOSTROMIN, A.S.; KUDINOVA, V.S.; KAGARLITSKIY, A.D.; KHMURA, M.I.

Catalytic synthesis of the dinitrile of terephthalic acid. Zhur. prikl. khim. 36 no.8:1837-1847 Ag '63. (MIRA 16:11)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMURNY, Yan [Hmurny, J.]

High-frequency wattmeter with nonlinear resistances. Izv. vys. ucheb. zav.; radiotekh. 6 no.5:467-475 S-O '63. (MIRA 17:1)

1. Rekomendovana kafedroy slabotochnoy i vysoko-chastotnoy elektrotekhniki Slovatskogo politekhnicheskogo instituta, Bratislava.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMURNY, Ya. A.

Measurement of High-Frequency Transmitted Power." Cand Tech Sci, Moscow Electrical Engineering Inst of Communications." 18 Feb 54. Dissertation (Vechernyaya Moskva Moscow, 8 Feb 54)

SO: SUM 186, 19 Aug 1954

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

USSR/Physics - Crystal Lattice Sep 49
Atomic Structure

"Precision Measurement of Crystal Lattice Constants," A. Z. Khmydskiy, Kiev State U, 6 3/4 pp

"Zavod Lab" Vol XV, No 9

Method for measuring phases of lattice structure, using larger specimens and greater intervals between crystals and photographic film, was investigated with aluminum and iron. Obtained results with an accuracy of $2 \cdot 10^{-3}$% (exceeding the accuracy of most existing methods). Method may be used in accurate measurement of phases of crystal lattices of the cubic system, in

152T85

USSR/Physics - Crystal Lattice (Contd) Sep 49

determination of the linear coefficient of thermal expansion, and in study of processes connected with small variations in phases of the lattice. It is easily adaptable to any plant laboratory where structural analysis is being carried out.

152T85

KHMYDSKIY, A. Z.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYLEV, B.V.

Phase diagrams of iron-nickel-sulfur systems. TSvet.met.29 no.3: 89 Mr '56. (Iron-nickel alloys) (MLRA 9:7)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, A.B., podpolkovnik meditsinskoy sluzhby; DAVYGORA, N.D., podpolkovnik meditsinskoy sluzhby

Organization of regimental medical station. Voen.-med. zhur. no. 1:13-19 Ja '60. (MIRA 14:2)
(MEDICINE, MILITARY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

LITVINENKO, P.M., podpolkovnik meditsinskoy sluzhby; KHMYLOV, A.V., podpolkovnik meditsinskoy sluzhby; KURGUZOV, S.S., podpolkovnik meditsinskoy sluzhby [deceased]

Food poisoning caused by the Sonne bacillus. Voen. med. zhur. no.4:23-25 Ap '59. (MIRA 12:8)

(SHIGELLA infections, sonnei food pois. (Rus))
(FOOD POISONING, microbiol. Shigella sonnei (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

1. SEKACHEV, N. Ye.; KHMYROV, A. V.
2. USSR (600)
4. Sheep Breeds
7. Raising Alai fat-rumped sheep. Sots. zhiv. 15, No. 5, 1953.

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 30406-66 EWT(1)/FCC GW
ACC NR: AP6010418 SOURCE CODE: UR/0423/66/000/001/0015/0018

AUTHOR: Alizade, A. S.; Kuliyev, D. A.; Khmyrov, V. A.

ORG: Azerbaydzhan Scientific-Research Power Engineering Institute im. I. G. Yes'man (Azerbaydzhanskiy nauchno-issledovatel'skiy institut energetiki)

TITLE: Investigation of the electrical structure of thunderclouds by the radiosonde method

SOURCE: Za tekhnicheskiy progress, no. 1, 1966, 15-18

TOPIC TAGS: ~~cloud formation~~, cloud physics, electric field, radiosonde, ATMOSPHERIC ELECTRIC PHENOMENON, ATMOSPHERIC CLOUD, ATMOSPHERIC DISTURBANCE

ABSTRACT: Scientific research has been intensified recently in the study of the electrical structure of thunderclouds. The greatest amount of results is provided by specially equipped aircraft, geophysical rockets, radiosonde methods, and radar. The first experiments on the utilization of radiosonde for the measurement of the intensity of the electrical field in thunderclouds were performed in 1948 — 1949 (Belin. Proc. P. Soc., 60, 340, 1948; Byers. Thund Elec., 1953). In 1955 large scale work was performed by V. I. Arabadzhi (Grozy i grozovyye protsessy. Belgosizdat, 1960). The highest electrical field intensity recorded in these investigations amounted to 200 v/cm, which agrees with the data

Card 1/2 UDC: 621.317.729.2: 551.576

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 30406-66
ACC NR: AP6010418

obtained earlier (100-300 v/cm) (Simpson a. Scrase-Proc. R. So., 161, 309. 1937), and which deviates somewhat from the corresponding results obtained by Gunn (Meter. 2, 2, 1954). The present authors express the hope that the application of radiosondes in future investigations will make it possible to accumulate the necessary data which can be used for a more rigid formulation of the electrical structure of thunderclouds. The authors study static method of processing measurement data in the presence of abrupt shifts of radio transmitter antennas. A discussion is given on the selection of the receiving equipment, the design characteristics of the receiving antenna, and the circuit of the radiosonde transmitter. The order in which the recordings should be made is discussed together with methods of data processing. In conclusion, the authors point out that the selection of the working frequency of the radiosonde transmitter was made on the basis of the "radio-communication regulations" issued in Geneva in 1959 and ratified by the Presidium of the Supreme Soviet of the Soviet Union on February 9 1961. Orig. art. has: 6 figures and 1 table.

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004/ ATD PRESS: 5017 [08]

Card 2/2 CC

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V. I.

Acad Sci Kazakh SSR. Inst of Power Engineering. Alma-Ata, 1956.

KHMYROV, V. I.- "Investigation of the working process of a four-stage engine buring hydrogen-air mixtures." Acad Sci Kazakh SSR. Inst of Power Engineering. Alma-Ata, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V.I.

Features in using gas turbines in the electric power systems of Kazakhstan. Trudy Inst. energ. AN Kazakh. SSR 2:88-94 '60.
(MIRA 15:1)
(Kazakhstan--Electric power production)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V.I.; VYPOLZOVA, M.N.; BEKMET'YEV, R.M.

Technical and economic possibilities of wind energy accumulation in the form of hydrogen and prospects for its use. Izv. AN Kazakh. SSR. Ser. energ. no.2:109-128 '60. (MIRA 14:3)
(Wind power)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

LAVROV, B.Ye.; KHMYROV, V.I.

Certain results of the study of the operating process of a hydrogen piston engine. Trudy Inst. energ. AN Kazakh. SSR 2:326-332 '60. (MIRA 15:1)

(Gas and oil engines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V.I.; KHASENOV, Zh.Kh.

Method for determining the optimum parameters of gas turbine systems. Izv. AN Kazakh. SSR. Ser. energ. no.1:36-46 '61. (MIRA 14:12)

(Gas turbines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V.I.

Possibility of the use of gas turbine units in proposed power plant construction. Trudy Inst.energ.AN Kazakh.SSR 3:53-67 '61 (MIRA 14:12)

(Kazakhstan--Power engineering)
(Gas turbines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHASENOV, Zh.Kh.; KHMYROV, V.I.

Determining the optimum parameters and operation methods of gas turbines for district heating plants. Trudy Inst.energ. AN Kazakh.SSR 3:196-200 '61. (MIRA 14:12)
(Gas turbines)
(Heating from central stations)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, V.I., kand.tekhn.nauk; MALYKH, S.P., inzh.

Economic efficiency of gas turbine systems operating on mine methane. Elek. sta. 33 no.8:24-25 Ag '62. (MIRA 15:8)
(Gas turbines) (Methane)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACC NR: AP6033497 SOURCE CODE: UR/0413/66/000/018/0121/0121

INVENTOR: Kirpichnikov, B. N.; Khmyrov, V. I.

ORG: none

TITLE: Instrument for determining the adhesion of aerosol particles to a surface. Class 42, No. 186184 [announced by Kazakh Scientific Research Institute of Power Engineering (Kazakhskiy nauchno-issledovatel'skiy institut energetiki)]

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 121

TOPIC TAGS: aerosol analyzer, aerosol adhesion, surface adhesion, aerosol, air pollution instrument, aerosol chemistry, adhesion

ABSTRACT: A description is given for a device for determining the adhesion of aerosol particles to a surface. The instrument consists of an elastic filament made of a nonmagnetic material, such as quartz, and an electromagnet which sets up a force for removing aerosol particles from a surface. The time at which a particle is removed is noted with a microscope, and the adhesive force is estimated from readings of an instrument connected to the electromagnet circuit which registers the intensity of the current in the circuit at the time of removal. The accuracy of this device has been

Card 1/2 UDC: 620.1.05:620.193.13

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACC NR: AP6033497

improved by installing the filament in a fixed position and by flattening the operational end. This fixes the direction and invariability of the point of application, as well the direction of the force set up by the electromagnet acting on the particles.
[WA-50; CBE No. 12]

SUB CODE: 07/ SUBM DATE: 23Sep65/

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROV, I.I., AMOSOVA, M.M.

Treatment of exzema with roentgen rays irradiation of the higher centers of the central nervous system. Vest. rentg., Moskva No.2:16-19 Mar-April 1953. (CIML 25:5)

1. Of the Department of Skin and Venereal Diseases (Head -- Prof. P.M. Zalkan) and the Department of Roentgenology (Head -- Docent V. Kh. Kogan) of Yaroslavl' Medical Institute.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

CHERNUKHIN, A.Ye., inzh., red.; ASHKENAZI, E.L., red.; YEFREMOVA, M.K., red.; IVANOV, N.F., red.; KRASNOBRODSKAYA, L.L., red.; MOSHENTSEVA, I.I., red.; KHANDIN, V.Ye., red.; BEL'CHUK, V.I., mladshiy red.; KOMAROVA, Ye.B., mladshiy red.; SMIRNOVA, N.V., mladshiy red.; KHMYROVA, I.I., mladshiy red.; BRUDNO, K.F., tekhn. red.; KOLESNIKOVA, A.P., tekhn. red.

[English-Russian technical dictionary]Anglo-russkii politekhnicheskii slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 663 p. (MIRA 15:11)
(English language--Dictionaries--Russian)
(Technology--Dictionaries)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYROVA, N.A.

Polynomials with small prime divisors. Dokl. AN SSSR 155 no.6: 1268-1271 Ap '64. (MIRA 17:4)

1. Predstavleno akademikom I.M.Vinogradovym.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACC NR: AP7011844 SOURCE CODE: UR/0038/66/030/006/1367/1372

AUTHOR: Khuyrova, N. A.

ORG: none

TITLE: Polynomials with small, simple divisors. II

SOURCE: AN SSSR. Izvestiya. Seriya matematicheskaya, v. 30, no. 6, 1966, 1367-1372

TOPIC TAGS: polynomial, polynomial equation

SUB CODE: 12

ABSTRACT: Rules are established for the distribution of numbers with small, simple divisors in polynomial sequences. A theorem is proven:

In known notations the expression

$$F_f(x, z) < c(f) \cdot x \cdot \exp\left(-\frac{1}{\alpha} \ln \frac{1}{\alpha\varepsilon}\right), \quad \frac{\ln \ln x}{\ln z} < \alpha = \frac{\ln z}{\ln x} < \frac{1}{\varepsilon},$$

is valid, and for any fixed $\varepsilon > 0$ in the interval $(0, 1/2)$

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACC NR: AP7011844

the expression $F^{(n)}(x, s) < \frac{c(f)}{s} \pi(x) \cdot \exp\left(-\frac{1-s}{a} \ln \frac{1}{as}\right), \quad \frac{\ln \ln x}{\ln x} < a < \frac{1}{s},$

is valid, where c(f) is a positive constant depending on π, the degree of the polynomial f and its coefficients. Orig. art. has: 27 formulas. [JPRS: 40,423]

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 01118-66 EWT(m)/EWP(j) RM

ACCESSION NR: AP5021999 UR/0286/65/000/014/0076/0076
676.1.046(088.8)

AUTHOR: Fomicheva, N. M.; Borisov, S. N.; Khmyrova, N. Ye.

TITLE: A method for stabilizing siloxane rubber stocks. Class 39, No. 172963

SOURCE: Byulleten' izobreteniy i tovarnyky znakov, no. 14, 1965, 76

TOPIC TAGS: synthetic rubber, siloxane

ABSTRACT: This Author's Certificate introduces a method for stabilizing siloxane rubber stocks containing highly active fillers by adding a dialkylsilyl ester of pinacol to the mixture. The period over which the technological properties of the stocks and the technical properties of the vulcanized products are maintained is increased by using 1,3,3,4,4-pentamethyl-1-ethyl-1-sila-2,5-dioxycyclopentane.

ASSOCIATION: none

SUBMITTED: 10Jun63 ENCL: 00 SUB CODE: MT

NO REF SOV: 000 OTHER: 000

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHAYZ, G.T., Cand Med Sci--(diss) "Study of the effectiveness of psycho-prophylactic (anaesthetization in) labor." Odessa, 1958. 16 pp (Odessa State Med Inst im N.I.Pirogov), 200 copies (KL,48-58, 107)

-820-

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYZ, G.T. assistent

Effect of psychoprophylactic preparation for labor on bisulfite-binding substances in the blood during labor.
Akush. i gin. 34 no.2:84-86 Mr-Ap '58 (MIRA 11:5)

1. Iz kafedry akusherstva i ginekologii (nauchnyy rukovoditel' - zasluzhennyy deyatel'nauki prof. A.M. Agarenev) lechebnogo fakul'teta Odesskogo gosudarstvennogo meditsinskogo instituta.
(LABOR, blood in
bisulfite binding substances, eff. of psychoprophylactic method of prep. (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

MALININ, A.I., prof.; KHMYZ, G.T., assistant (Odessa)

Some results of introducing psychoprophylactic preparation of parturients. Fel'd. i akush. 26 no. 1:29-32 Ja '61. (MIRA 14:2)

(CHILDBIRTH—PSYCHOLOGY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMIZ, G.T. [Khmyz, H.T.], assistent

Anesthesia in labor with promedol and isopromedol in connection with psychoprophylactic preparation. Ped., akush. i gin. 23 no.6:47-49 '61. (MIRA 15:4)

1. Kafedra akusherstva i ginekologii vrachebnogo fakul'teta (zav. - prof. A.I.Malinin) Odesskogo meditsinskogo instituta (rektor - prof. I.Ya.Deyneka).

(PROMEDOL) (ISOPROMEDOL) (CHILDBIRTH—PSYCHOLOGY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

AKHMETOV, M.M., NERED, N.T., KHMYZ, I.Ye.

Effect of the size gas between cylinders and pistons of air boring machines on their performance. Izv. AN Kazakh. SSR. Ser. gor. dela no.1:79-86 '60. (MIRA 13:10)
(Boring machinery--Pneumatic driving)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

NERED, N.T.; AKHMETOV, M.M.; KHMYZ, I.Ye.

Performance characteristics of PR-256 and PR-241 high-speed perforators. Izv. AN Kazakh. SSR. Ser. gor. dela no.1:70-71 '61. (MIRA 15:2)

(Boring machinery)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

BYKHOVETS, G.F.; KHMYZ, S.I.; SHABLIY, L.A.

Device for measuring the deflection of bore holes in directed boring. Izm.tekh. no.9:16-17 S '62. (MIRA 15:11)
(Boring) (Electric instruments)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHVYENIKOVA, A.A.

Training the student's thinking for the geography lesson. Geog. v shkole no.6:40-46 N-D '53. (MLRA 6:12)
(Geography--Study and teaching)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYZNIKOVA, Ye.P.

Use of pharmacological methods in the study of sugar indexes in diseases of the central nervous system. Vop. psikh. i nevr. no.3: 161-167 '58. (MIRA 12:3)

1. Iz kliniki nervnykh bolezney Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(NERVOUS SYSTEM--DISEASES) (BLOOD SUGAR)
(PHENAMINE) (BARBITAL)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNYZNIKOVA, Ye. P.

Carbohydrate metabolism in peptic ulcer and its modification following sleep therapy. Trudy LSGNI 20:257-261 '54. (MLRA 10:7)

1. Klinika nervnykh bolezney Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, zav. klinikoy - chlen-korrespondent AMN SSSR prof. I.Ya.Razdol'skiy i kafedra propedevtiki vnutrennikh bolezney Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta zav. kafedroy - prof. S.M.Ryss

(SLEEP, therapeutic use,
peptic ulcer, eff. on blood sugar)
(PEPTIC ULCER, therapy,
sleep ther., eff. on blood sugar)
(BLOOD SUGAR, in various diseases,
peptic ulcer, eff. of sleep ther.)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHMYZNIKOVA, E. P.

The effect of increased functional loads upon the cholesterol and glucose levels of gastric ulcer cases during sleep treatment. P. A. Mukhavetskii and E. P. Khmyznikova. Sanit. Hyg. Inst., Leningrad. [illegible]

[illegible] character of clinical manifestations and suggests an explanation of frequent relapses in several cases.

A. S. Minkin

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNAYEV, A.P.; GRABCHAK, P.A.

Using surface-active agents in petroleum production in the Anastasiyevka-Troitskoye field. Neftepром. delo no.9:16-20 '65.
(MIRA 18:10)

1. Neftepromyslovoye upravleniye "Priazovneft'".

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNIZHNIK, Z. I.

STARIKOVICH, S. K. and KHNIZHNIK, A. B. Tube Expanding Machine (Elektromekhanicheskaya Val'tsovka dlya Trub), pp. 21-22

A machine tool used for expanding of boiler-tube ends is described. (Drawings)

SO: PROMYSHLENNAYA ENERGETIKA, No. 11, Nov. 1952, Moscow (1613006)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNIZHNYAK, N.A.

FAYNBERG, Ya.B.; KHNIZHNYAK, N.A.

Artificially anisotropic media. Zhur.tekh.fiz. 25 no.4:711-719 Ap '55. (MLRA 8:5)
(Wave guides) (Dielectrics) (Electric waves)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNOKH, L. I.

KHNOKH, L. I. -- "Closed Fractures of the Pelvis." Acad Sci Latvian SSR, Inst of Experimental Medicine, 1953
(Dissertation for the Degree of Candidate of Medical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNOKH, L.I.

LANDA, B.A.; KHNOKH, L.I.

Time and indications for surgery in patients with acute cholecystitis [with summary in English, p.152]. Khirurgiia 33 no.2:59-64 F '57. (MLRA 10:6)

1. Iz gospital'noy khirurgicheskoy kliniki Rizhskogo meditsinskogo instituta (dir. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. Y.M.Burtniyek, zav. kafedroy - prof. A.F.Lepukaln) i iz khirurgicheskogo otdeleniya 1-y Rizhskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach E.V.Cherepovich).

(CHOLECYSTECTOMY
indic. & time-limits for surg. (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNOKH, L. I., dotsent (Riga, ul. Gor'kogo, d. 121, kv. 3)

Fractures of the transverse processes of the lumbar vertebrae in pelvic fractures. Ortop., travm. i protez. no.11:45-46 '61. (MIRA 14:12)

(LUMBAR CURVE—FRACTURE) (PELVIS—FRACTURE)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KRAPCHAN, Ye.; KHNURIN, P.; SUVOROV, K.

Let's finish what we have begun. Okhr.truda i sots.strakh. no.12:37-39 D '59. (MIRA 13:4)

1. Predsedatel' postoyanno deystvuyushchego proizvodstvennogo soveshchaniya Orshanskogo l'nokombinata (for Krapchan). 2. Predsedatel' komissii okhrany truda Orshanskogo l'nokombinata (for Khnurin).
(Orsha—Textile industry—Hygienic aspects)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 13581-63 EWT(1)/EWT(m)/BDS AMD/ASD/AFFTC AR/X

ACCESSION NR: AP3003925 S/0205/63/003/004/0514/0517 59

AUTHOR: Gorizontov, P. D.; Fedorova, T. A.; Zharkov, Yu. A.; Tereshchenko, O. Ya.; Khnyrchev, S. S.; Sbitneva, M. F.

TITLE: Changes in nucleoside content in rat urine during radiation injury 19

SOURCE: Radiobiologiya, v. 3, no. 4, 1963, 514-517

TOPIC TAGS: nucleoside, radiation injury, urinalysis, DNA metabolism, Dische reaction, Dische-positive, desoxyribóside, desoxycytidin, timidin, chromatography, x-ray, cobalt-60, gamma ray, bone marrow, biomycin

ABSTRACT: Disruption of DNA metabolism during radiation injury leads to the appearance of unusual amounts of nucleosides in the urine, which can serve as an index of radiation injury. Experiments were performed to determine the post-irradiation appearance of substances in urine producing the Dische reaction and to test the effect of the introduction into irradiated animals of bone-marrow cells possessing a therapeutic effect. The presence of desoxyribosides (desoxycytidin and timidin) in the urine of experimental animals was investigated by chromatography. White rats were subjected to absolute minimum lethal doses (600 r) of gamma rays from Co^{60} and of x-rays. X-ray irradiation was produced by

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ACCESSION NR: AP3003925

RUM-3 equipment at 180 kv, 15 mamp, 0.5 mm Cu filter and 1 mm Al filter at 32.3 μ/min. Gamma irradiation involved the use of EGO-2 equipment at 225—276 μ/min. Survival span of the animals was 6—12 days after irradiation. The introduction of bone-marrow cells, accompanied by the oral administration of 3 mg of biomycin two times a day, resulted in survival of 50% of the experimental animals (compared to no survival in the controls) and a smaller increase of Diache-positive substances in the urine of the experimental animals than in the control animals. During the first day after irradiation by the absolute minimum lethal dose the urine of animals not given bone-marrow cells was found to contain 25—30 times as much desoxycytidin and 5 times as much timidin as normal nonirradiated animals. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 10Sep62 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: AM NO REF SOV: 004 OTHER: 008

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNYCHEV, S. S. KNICHOU, V. S.

SESSION A—4—3 : Post-Irradiation Treatments in Mammals

(a)

Changes in the Content of Nucleosides in Animal Urine Following Radiation Damage

P. D. Gorizontov, T. A. Fedorova, M. F. Shlineva, Yu. A. Zharkov and V. S. Knichou

Changes in the level of DNA metabolites of body fluids are a specific index of radiation damage, and the estimation of their content in the urine may serve as a good biochemical test for this damage. The test may be uted to evaluate therapeutic agents applied for the treatment of radiation sickness, as well as for the evaluation of drugs protecting animals against lethal radiation doses.

Using paper chromatography and ion exchange column methods the deoxyribosides deoxycytidine, deoxythymidine, deoxyadenosine and deoxyguanosine were identified in the urine of normal and irradiated animals. Quantitative changes in their content in the 24 hr specimens of rat, mouse and dog urine were established during the course of radiation diseases induced by lethal doses of X- and γ-rays.

The deoxyribosides were estimated in the urine of normal and irradiated rats following the transplantation to them of the bone marrow cells. This was done in order to elucidate some aspects of the mechanism of biochemical changes, and to evaluate therapeutic effects. It was established that the transplantation of bone marrow cells to normal rats lowers the level of deoxyribosides (deoxycytidine included) by 50 to 60%. Intravenous injection of bone marrow cells to rats irradiated with lethal doses also lowers the content of nucleosides in the urine. It points to the intensification of DNA synthesis, which has been inhibited by i radiation.

Institute of Pathology, Academy of Sciences, Moscow, USSR

report presented at the 2nd Intl. Congress of Radiation Research,
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

KHNCHEV, S.S.

ACCESSION NR: AT4042653 S/0000/63/000/000/0056/0060

AUTHOR: Baranov, V. I.; Gyurdzhian, A. A.; Lomova, M. A.; Radkevich, L. A.; Tutochkina, L. T.; Fedorova, T. A.; Furayeva, L. P.; Khn'chev, S. S.; Artem'yeva, N. S.

TITLE: The effect of gravity on the development of organisms

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 56-60

TOPIC TAGS: gravity, centrifuge, organism development, physiological function, rat, chronic centrifugation, blood composition, urine composition, Coriolis acceleration

ABSTRACT: In this investigation, Baranov and his co-workers designed a centrifuge for small animals with an arm radius of 135 cm which could be regulated to produce artificial gravitational fields of from 4 to 5 g. The centrifuge was arranged in such a way that the arms and cages at the end of the arms would simultaneously rotate around their axes producing Coriolis accelerations. A single control panel

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ACCESSION NR: AT4042653

regulated the photography and illumination of cage interiors, automatic feeding of the animals, and the revolving rate of the centrifuge. It was possible to record five separate physiological functions from some specially prepared animals. Experiments were conducted on white rats, commencing on the first day after birth and continuing for 25 days. Litters consisting of 200 animals were divided into experimental and control groups. All animals were born at approximately the same time. Experimental animals were subjected to accelerations ranging from 1.5 to 3 g for periods of from 4 to 6 hours, 6 days per week. The weighing of all animals took place every three days as did biochemical assays of the blood and urine, tests of vestibular activity, and the determination of the time of sexual maturity in female animals. At the termination of the experiment, a comparative test of the response of both experimental and control animals to brief accelerations of 5, 10 and 20 g was conducted. After 20--25 days, the body weight of chronically centrifuged animals was 60--80% that of the controls. The composition of erythrocytes (89.6%), leukocytes (93.4%), and hemoglobin (99.1%) in the blood of experimental animals with respect to control animals reflected a slightly anemic condition. While blood albumin in experimental animals was somewhat lower than in the controls, serum mucoid composition was higher, indicating a change of dystrophic character. Urine assays of experimental animals showed that the levels of Diche-positive substance (48%), nitrogen (62%), creatine (31%),

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ACCESSION NR: AT4042653

and creatinine (60%) were lower than in the control animals. Finally, the estral cycle of experimental females was significantly altered, though one female gave normal birth to young. In the second investigation, control animals exposed to brief accelerations of 5 g showed noticeable increases in the level of non-esterified fatty acids, decreases in serum mucoid composition, and increases in the albumin-globulin ration. However, at 20 g there was an increase in serum mucoid composition and a decrease in the albumin-globulin ration. Biochemical variations in experimental animals subjected to the same accelerations were insignificant. The authors conclude that gravity plays a complex role in the physiological processes of the developing organism but that the true mechanism of this role is far from being understood.

ASSOCIATION: none

SUBMITTED: 27Sep63 ENCL: 00 SUB CODE: LS

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 16978-66 EWT(m)

ACC NR: AP6001322 SOURCE CODE: UR/0248/65/000/009/0070/0074

AUTHOR: Baluda, V. P.; Lysogorov, N. V.; Khnychev, S. S.; Ishmukhametova, D. N.; Rukazenkova, Zh. N.; Gorlanova, T. A.; Rudakov, I. A.; Susanyan, T. A.

ORG: Institute of Medical Radiology AMN SSSR, Obninsk (Institut meditsinskoy radiologii AMN SSSR)

TITLE: Blood coagulation and fibrinolytic activity in acute radiation sickness

SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 70-74

TOPIC TAGS: radiation sickness, blood, coagulation, hematology

ABSTRACT: The hemorrhagic syndrome is considered the gravest manifestation of acute radiation sickness and to a great extent determines its degree, duration and outcome. However, despite numerous investigations of the factors responsible for hemorrhage in this disease, the pathogenesis of this phenomenon has not been elucidated. The authors have investigated the functional conditions of coagulation and of the fibrinolytic system of the blood in acute radiation sickness produced by gamma-radiation with Co^{60}. 256 "August" strain rats were irradiated with

UDC: 617-001.28-036.11-07:[616.151.5+616.153.962.4]

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

L 16778-66
ACC NR: AP6001322

600 rad each. Four phases were discernible during the course of the disease: Phase I--primary reaction (1-2 days following irradiation), II--hidden (3-6 days), III--peak (7-15 days), IV--recovery (20-30 days). Detailed descriptions are presented of the physical appearance and behavior of the animals during the four phases as well as of the changes found in the cellular composition of the blood, bone marrow and spleen. The following changes in the clotting system of the blood were observed following irradiation: initial decrease (phase I) followed by an increase in the coagulation time, reduced tolerance of plasma to heparin, diminished prothrombin activity, increased thrombin time and fibrinogen concentration, first an increase (phase I) then a decrease (Phase III) in thrombin concentration, reduced thermal stability, the emergence of fibrinogen B, reduced fibrinase and increased fibrinolytic activity, diminished platelet count and delayed retraction of the clot. The electron microscope showed disturbances in the fibrin fibers such as rupture and vacuolization. It is evident that the hemorrhagic syndrome appears in the first phase only 24 hours after irradiation as indicated by the presence of blood in the feces at that time. It can therefore be concluded that in acute radiation sickness damage to the blood vessel walls first occurs in the gastrointestinal tract and only later spreads to the vessels of the skin. Also responsible for the hemorrha-

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ACC NR: AP6001322

O

gic syndrome is the disordered coagulation of the blood which in itself can cause alterations in the vascular walls and produce bleeding in addition to its more obvious effects. Orig. art. has: 1 table.

SUB CODE: 06/ SUBM DATE: 05Jun65/ ORIG REF: 008/ OTH REF: 017

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

BALUDA, V.P.; LYSOGOROV, N.V.; KHNYCHEV, S.S.; ISHMUKHAMETOVA, D.N.; RUKAZENKOVA, Zh.N.; GORLANOVA, T.A.; RUDAKOV, I.A.; SUSANYAN, T.A.

Blood coagulation and its fibrinolytic activity in acute radiation sickness. Vest. AMN SSSR 20 no.9:70-74 '65. (MIRA 18:11)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

RUDAKOVA, S.F.; ZHUKOVA, N.A.; KHNYCHEV, S.S.; SUSANYAN, T.A.; KOZLOVA, I.I.

Some new aspects of the effect of ε-aminocaproic acid on the organism. Vest. AMN SSSR 20 no.9:74-77 '65.
(MIRA 18:11)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120005-2

ALEKSANDROV, Nikolay Nikolayevich; KOCHERGINA, Anna Vasil'yevna; POKROVSKIY, Leonid Alekseyevich. Prinimal uchastiye KHNYKIN, V.F.; LOGUNTSOV, B.M., otv. red.; GEYMAN, L.M., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Contemporary mechanization for working placer deposits] Sovremennaia mekhanizatsiia dlia razrabotki rossypei; spravochnoe posobie. Moskva, Gosgortekhizdat, 1963. 462 p. (MIRA 16:7)
(Hydraulic mining—Equipment and supplies)
(Automatic control)

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