"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

PLATONOV, Petr Nikitovich, dotsent; KUTSENKO, Konstantin Ivanovich, dotsent; KEYZER, V.A., redaktor; GOLUBKOVA, L.A., tekhnicheskiy redaktor

[Mechanizing the loading and unloading of materials packed in sacks] Mekhanizatsiia pogruzki i vygruzki zatarennykh v meshki gruzov. Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam zagotovok, 1955. 83 p. (MLRA 9:3)
(Loading and unloading)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

PLATONOV, P.N.; KUTSENKO, K.I.; GOVOROV, N.A., inzh., spets. red.; KEYZER, V.A., red.; MEDVEDEV, L.Ya., tekhn. red.

[Hoisting and conveying machinery and mechanization of loading and unloading operations] Pod"emno-transportnye ustroistva i mekhanizatsiia pogrusochno-razgrusochnykh rabot. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi i kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva, 1958. 295 p. (MIRA 11:12)

(Loading and unloading)
(Hoisting machinery)
(Conveying machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

BENDERSKIY, S.N., kand.tekhn. nauk; BURSIAN, V.R., prof., kand. tekhn. nauk; VASIL'YEV, P.N., inzh.; DORFMAN, E.Ye., inzh.; ZHURAVLEV, V.F., kand. tekhn. nauk; KESTEL'MAN, V.N., inzh.; KRUGLOV, A.N., dots., kand. tekhn. nauk; KUKIBNYY, A.A., dots., kand.tekhn. nauk; LEVACHEV, N.A., dots., kand. tekhn. nauk; LEYKIN, A.Ya., inzh.; NAREMSKIY, N.K., dots., kand. tekhn. nauk; PLATONOV, P.N., prof., doktor tekhn. nauk; SOKOLOV, A.Ya., prof., doktor tekhn. nauk; KUTSENKO, K.I., kand. tekhn. nauk, dots., retsenzent; VERHEYENKO, Ye.I., inzh., retsenzent; KOVTUN, A.P., inzh., retsenzent; SEMENYUK, A.I., retsenzent; KASHCHEYEV, I.P., inzh., retsenzent; PAL'TSEV, V.S., kand. tekhn. nauk, retsenzent; KHMEL'NITSKAYA, A.Z., red.

[Conveying and reloading machinery for the overall mechanization of the food industries] Transportiruiushchie i peregruzochnye mashiny dlia kompleksnoi mekhanizatsii pishchevykh proizvodstv. Moskva, Pishchevaia promyshlennost', 1964. 759 p. (MIRA 18:3)

(Continued on next card)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

BENDERSKIY, S.N.--- (continued). Card 2.

1. Odesskiy tekhnologicheskiy institut imeni M.V.Lomonosova (for Kutsenko, Naremskiy, Veremeyenko, Kovtun). 2. Starshiy ekspert Upravleniya po avtomatizatsii i oborudovaniyu dlya pishchevoy promyshlennosti Gosudarstvennogo komiteta po mashinostroyeniyu pri Gosplane SSSR (for Semenyuk). 3. Glavnyy mekhanik Gosudarstvennogo instituta po proyektirovaniyu predpriyatiy mukomol'nokrupyanoy i kombikormovoy promyshlennosti i elevatorno-skladskogo khozyaystva (for Kashcheyev). 4. Zaveduyushchiy laboratoriyey Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki (for Pal'tsev).

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L 16172-65 EWT(m) AFWL/ASD(f)-2/ASD(m)-3/DIAAP DM

ACCESSION NR: AP4043988 S/0089/64/017/002/0124/0129

AUTHOR: Butt, Yu. M.; Timashev, V. V./ Kutsenko, L. A./ Kozlova, I. Ye./ Gordiyevskiy, A. V.

B

TITLE: Cementing the hydroxide precipitations containing some radioactive elements 19

SOURCE: Atomnaya energiya, v. 17, no. 2, 1964, 124-129

TOPIC TAGS: radioactive waste disposal, radioactive element cementing, isotope, Nb, Ru, Cs, Sr

ABSTRACT: The authors show the feasibility of incorporating into cement the following radioactive materials: hydrate of iron oxide, sulphuric-silicon material, hydrate of manganese oxide, hydrate of aluminum oxide, ashes of rags, paper, and wood. The conditions are determined for the cementation for disposal of these wastes. The consumption of cement is 20 to 50% of the waste. The fixation in the cement of various isotopes varies; it is better for Nb and Ru than for Cs and Sr. Orig. art. has: 5 figures and 8 tables.

ASSOCIATION: MKhTI

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ACCESSION NR: AP4043988

SUBMITTED: 11Jul63

ENCL: 00

SUB CODE: GC, NP

NO REF SOV: 000

OTHER: 000

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, L.G.

Increasing the durability of steel tapping spout linings.
Metallurg 8 no.10:18-19 O '63. (MIRA 16:12)

1. Zavod "Azovstal'."

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

[illegible]V, A.D.; AKSENOVA, N.A.; KUT[illegible]KO, I.I.

Phosphorylation of cellulose with dialkylphosphinyl chloridas.
Zhur.prikl.khim. 38 no.6:1355-1360 Je '65. (MIRA 18:10)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, L. M.

Distr: 4E4j/4E2c(j)

Synthesis of estrogenic compounds. I. 1,2,3-Tris(p-hydroxyphenyl)propane and some of its derivatives. G. I. Kiprianov and L. M. Kutsenko. *Ukrain. Khim. Zhur.* 23, 1[illegible]-9(1957)(in Russian). RCH_2COR and R_2H_2O (R = p-$MeOC_6H_4$) form $RCH_2CHRCOR$ [illegible] 2,4-dinitrophenylhydrazone, m. 81-[illegible]. Meerwein reduction [illegible]

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KIPRIANOV, G.I.; KUTSENKO, L.M.

Synthesis of estrogen-acive substances. Part 2: Symmetrical 1,3-dialkyl derivatives of 1,2,3-tri-(ñ-oxyphenyl)-propane. Ukr. khim. zhur. 23 no.5:655-658 '57. (MLRA 10:11)

1. Ukrainskiy institut eksperimental'noy endokrinologii, otdel organicheskogo sinteza.

(Propane)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

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KUTSENKO, L.M., [illegible] Sci-- ([illegible]) "[illegible]

[illegible] (oct[illegible]trol) [illegible]

[illegible] (Min of Higher [illegible]

[illegible] Gor'kiy), [illegible]

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUPRIANOV, G.I.; KUTSENKO, L.M.

Complete synthesis of estrone from anisole and glutaric anhydride. Med. prom. 15 no.2:43-50 F '60. (MIRA 14:3)

1. Ukrainskiy institut eksperimental'noy endokrinologii.
(ESTRONE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

[illegible], G.I.; [illegible], L.M.

Synthesis of methyl-[illegible]-(p-anisyl)-3-[illegible]-methylcyclohexan 1-acetate. Zhur. ob. Khim. 34 no.1[illegible] 3925-3928 D '64 ([illegible])

Isolation of optical methyl-[illegible]-(p-anisyl)-3-[illegible]-3-methylcyclohexane 1-[illegible] isomers [illegible] synthesis of methyl-marsionate therefrom. Ibid.:3928-3931

1. Ukrainskiy institut eksperimental'noy endokrinologii.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

USATENKO, Yu.I.; KUTLENKO, L.M.

Reaction of trivalent thallium with potassium ethyl- and isoamyl xanthate. Zhur. anal. khim. 20 no.5:561-566 '65. (MIRA 18:12)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut imeni F.E. Dzerzhinskogo. Submitted May 7, 1964.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

USATENKO, Yu.I.; KUTSENKO, L.M.

Amperometric titration of thallium with dithiocarbamates. Zhur. anal. khim. 19 no.11:1315-1321 '64.

(MIRA 18:2)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut imeni F.E. Dzerzhinskogo.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, L.P. (Melitopol')

Comparative characteristics of the efficiency of recall of textual material by pupils after hearing it and after independent reading. Nauk.zap.Nauk.-dosl.inst.psykhol. 10:140-158 '59. (MIRA 13:5)

(Reproduction(Psychology))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, N.A.; NECHAYEVA, G.A.

Effect of various disturbances of a muscle's innervation upon its content of adenosine triphosphoric acid, phosphocreatine, glycogen and lactic acid. Fiziol.zhur. 39 no.6:719-728 N-D '53. (MLRA 6:12)

1. Laboratoriya biokhimii nervnoy sistemy i laboratoriya nervnoy trofiki Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR, Leningrad.
(Muscle)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

LUTKOVA, V.I.; KUTSENKO, N.I.; ITKINA, M.I.

Opening of the furanidine ring by acid chloroanhydrides. Zhur. ob.khim.25 no.11:2102-2104 O '55. (MIRA 9:4)

1.Nauchno-issledovatel'skiy institut plasticheskikh mass, Moskva.
(Anhydrides) (Furan)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, N.I.
Acad Sci USSR. Inst. of Organoelemental Compounds.

KUTSENKO, N.I.: "Obtaining certain bifunctional compounds of furfurol from tetrahydrofurane." Acad Sci USSR. Inst. of Organoelemental Compounds. Moscow, 1956.
(Dissertation for the Degree of Candidate in Chemical Sciences)

SO: Knizhnaya Letopis', no. 20, 1956

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, N I

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15

Poly(vinyl chloride) plasticizers. V. I. Lutkova, N. I. Kutsenko, and L. I. Gorskaya. U.S.S.R. 104,461, Dec. 25, 1956. Plasticizers for poly(vinyl chloride) are obtained by heating univalent fatty acids of C_8-C_{18} compn. or their salts with dichloro derivs. of glycols, e.g. dichlorobutane or dichlorobutylate, and the ester thus obtained is sepd. in the usual manner.

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2

YOSHKIN, P.A., KUTHENKO, N.I., FILIPPENKO, L.K.

Method for production of dicarboxylic acids with ten carbon atoms in the chain using vinyl as starting material.

Report to be submitted for the 12th Conference on high molecular weight compounds devoted to monomers, Baku, 3-7- April 62

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

MOSHKIN, P.A.; KUTSENKO, N.I.; FILIPPENKO, L.K.

Synthesis of a mixture of dicarboxylic acids with ten carbon atoms in the chain. Plast.massy no.7:59-60 '62. (MIRA 15:7)
(Acids, Organic)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

ACC NR: AP7001415 (A) SOURCE CODE: UR/0413/66/000/021/0128/0128

INVENTOR: Kutsenko, N. I.

ORG: none

TITLE: Six-lens objective. Class 42, No. 188058 [announced by "Arsenal" Factory im. V. I. Lenin (Zavod "Arsenal")]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 128

TOPIC TAGS: optic lens, optic glass

ABSTRACT: This Author Certificate presents a six-lens objective containing three components. The first component is a single lens, the second - a triple cemented lens, and the third - a double cemented lens (see Fig. 1). To decrease spherical aberration and to produce apochromatic correction, the first component is a positive lens of light crown glass. The second component consists of two positive lenses of dense crown glass, between which is placed a negative lens of short flint glass. The difference in the indices of refraction of the lens glasses of this component does not exceed 0.0065. The first positive lens of the third component is made of flint glass with increased dispersion in the blue portion of the spectrum. The difference in the indices of refraction of the lens glasses of this component is fixed between -0.005 and -0.011, and the difference in the dispersion coefficients does not exceed -1.

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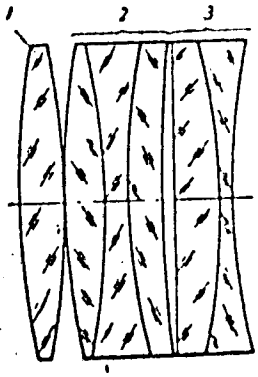
ACC NR: AP7001415

Fig. 1. 1-3 - objective components



Orig. art. has: 1 diagram.

SUB CODE: 20/ SUBM DATE: 21Jul65

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, N.Ya., insh. (Odessa)

Rebuilding of the heads of internal combustion engines. Energetik 13 no.10:15-16 O '65. (MIRA 18:10)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

SEMENOV, Vasiliy Ivanovich; KUTSENKO, Petr Prokof'yevich; PADUCHIN, Leonid Pudovich; AKIMOVA, N.M., otvetstvennyy redaktor; LEYBOV, M.K., redaktor; SUSHKEVICH, V.I., tekhnicheskiy redaktor

[Automatization of telephone communication in a district] Avtomatizatsiia telefonnoi sviazi v raione. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 37 p. (MLRA 10:5)

(Telephone, Automatic)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, S. M.

Kutsenko, S. M. "Nonuniformity of motion of a locomotive and coupling problems at high speeds," Nauch. zapiski Kiev'sk. mekhan.-mashinostroit. in-ta, Vol. IX, Issue 1, 1949, p. 19-33

SO: U-3576, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

FILIPPOV, V.V., kandidat tekhnicheskikh nauk; YEVMENKO, V.I., kandidat tekhnicheskikh nauk; SHLYKOV, Yu.P., kandidat tekhnicheskikh nauk, redaktor; BLIZNYANSKIY, A.S., inzhener, redaktor; KUTSENKO, S.M., kandidat tekhnicheskikh nauk, retsenzent; UVAROVA, A.F., tekhnicheskiy redaktor

[Intake and outlet processes in steam engines] Protsessy vpuska i vypuska v parovykh mashinakh. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1955. 213 p., 11 nomograms (Steam engines) (MLRA 9:3)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

AUTHOR: Kutsenko, S.M., Doctor of Technical Science 3-5-22/38

TITLE: Urgent Problems of Locomotive Construction (Nasushchnyye problemy lokomotivostroyeniya)

PERIODICAL: Vestnik vysshey shkoly, 1957, Nr 5, pp 63-64 (USSR)

ABSTRACT: Soviet locomotive construction activity is now directed to the designing of new powerful electric and diesel locomotives.

In 1955, the Khar'kov Works of Transport Machine Building (Khar'kovskiy zavod transportnogo mashinostroyeniya) undertook the designing of freight diesel locomotives, type "TЭ-3". In 1956 the locomotive building industry proceeded with the designing of diesel and electric locomotives of new, completed construction types. At the end of 1956, the Khar'kov Works designed two passenger locomotives, type "TЭ-7". A hydromechanical transmission was first introduced in shunting locomotives in 1956 at the Voroshilovgrad and Murom locomotive building works.

An eight-axle electric locomotive, type "H-8", was recently designed at the Novocherkassk Electric Locomotive Works (Novocherkasskiy elektrovozostroitel'nyy zavod). The diesel locomotive building works of Khar'kov Kolomna and Voroshilovgrad are now occupied with the designing of extra power-

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ful and economical diesel and gas-turbine locomotives. The scientists of the VUZes and scientific research institutions play an important part in this matter. The author points to the Khar'kov Polytechnical Institute which together with the Khar'kov Transport Machine Building Works participated in the designing of the running gear of the "TE-3"- and "TE-7" - diesel locomotives. At present, this institute continues the designing of the running gear of a 3000-HP diesel locomotive. Cooperating with the Kolomna Diesel Locomotive Building Works, the Moscow Technical Higher School imeni Bauman is occupied with the designing of the engine of the first Soviet gas-turbine-locomotive.

The same institute cooperates with the Voroshilovgrad and Murom works in the designing of hydro-transmissions for 750 and 400 HP shunting diesel engines, together with the Novocherkassk Electric Locomotive Building Works on the hydro-transmission of an alternating current 5,300 HP electric locomotive.

A scheme for electric transmissions for diesel locomotives and new schemes for automatic power regulators were elaborated through the co-operation of the Moscow Institute of Power Engineering (Moskovskiy energeticheskiy institut), the Leningrad Engineering

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Institute of Railway Transport (Leningradskiy institut inzhenerov zheleznodorozhnogo transporta), the All-Union Scientific Research Institute of Railway Transport (Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta), and the Khar'kov Works of Electric Equipment for Diesel Locomotives (Khar'kovskiy zavod teplovoznogo electrooborudovaniya).

This activity, states the author, was, however, not sufficiently coordinated. In order to unite the work of vuz scientists with the development of the locomotive building industry, a coordinating session was convened, at the Khar'kov Polytechnical Institute last February. Teachers of almost all vuzes and representatives of many industrial works and scientific research institutions were present. A total of 24 reports were read. Great interest was shown in reports dealing with actual matters, i.e. increase of power, reduction of locomotive weight, improvement of diesel locomotive combustion engines, dynamic qualities of locomotives, hydromechanical and gas transmission, and the utilization of solid fuels in diesel and gas-turbo locomotives.

The session decided that it would be useful to utilize powerful, light and fast engines together with heavy engines

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on main-line locomotives. This will help to solve the problem of increased power and reduced weight of diesel locomotives.

The session also recommended to improve diesel locomotives by combining the diesel engines with gas turbines, to increase the supercharging of the gas turbines and to increase the durability of the engines. The session further recommended that both electrical, as well as hydromechanical transmissions be applied.

As a result, the fundamental tasks of research, designing and the coordination of institutes, industry and transport were established.

A decision was made to convene conferences dealing with such problems every year.

ASSOCIATION: The Khar'kov Polytechnical Institute imeni V. I. Lenin (Khar'kovskiy politekhnicheskiy institut imeni V. I. Lenina)

AVAILABLE: Library of Congress

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

VASILENKO, A.A., akademik, otv.red.; GORSHKOV, A.A., red.; POSTNIKOV, I.M., doktor tekhn.nauk, red.; KUTSENKO, S.M., doktor tekhn.nauk, red.; ADAMENKO, A.I., kand.tekhn.nauk, red.; DAVYDOV, G.M., kand.ekonom.nauk, red.; LEPKIY, S.D., red.izd-va; SUNIY, R.A., tekhn.red.

[Manufacture of machinery; proceedings of a conference on the development of productive forces of the Kharkov Economic Region] Voprosy mashinostroeniia; trudy nauchno-tekhnicheskoi konferentsii po razvitiiu proizvoditel'nykh sil Khar'kovskogo ekonomicheskogo raiona. Kiev. No.3. 1960. 182 p. (MIRA 14:3)

1. Akademiya nauk USSR, Kiyev. Sovet po izucheniyu proizvoditel'nykh sil Ukrainskoy SSR. 2. AN USSR (for Vasilenko). 3. Chlen-korrespondent AN USSR (for Gorshkov).
(Kharkov Economic Region--Industries)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, Stepan Petrovich; LUTAY, A.Ya., red.

[Organization and operation of machine accounting equipment in agriculture] Organizatsiia i ekspluatatsiia mashinoschetnykh ustanovok v sel'skom khoziaistve. Kiev, Urozhai, 1964. 258 p. (MIRA 17:10)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V. (Engr.-Col.)

"Transporting Troops by Railroad"

VV No 4, 1954

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V., inzhener-polkovnik.

Transport by railroad. Voen.vest.36 no.9:84-88 S '56. (MLRA 9:10)
(Transportation, Military) (Railroads)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.A., inzhener.

Making better use of the load-carrying capacity of flatcars in transporting machiner,. Zhel.dor.transp.39 no.2:69-70 F '57. (MLRA 10:3)

(Railroads--Cars)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

[illegible]KO, V.A., inzhener; MIRON[illegible], [illegible] inzhener; [illegible], A.G., inzhener.

Double-deck transport of [illegible]. Shel.dor.transp. 39 no.7:71 Jl '57. ([illegible] 10:9)
(Automobiles--Transportation)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.

Voluntary fire brigades in East Germany. Pozh.delo 4 no.12:28 D '58. (MIRA 11:12)
(Germany, East--Fire departments)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

YEFIMOV, G., kand.tekhn.nauk; KUTSENKO, V., inzhener-polkovnik

Method for calculating the number of cars. Tyl i snab. Sov. Voor. Sil 21 no.4:81-83 Ap '61. (MIRA 14:7)
(Automobiles, Military—Transportation)
(Military railroads)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

BAZILEVICH, S.V.; KUTSENKO, V.F.; BAZILEVICH, T.N.

Strength of sinter from Kursk Magnetic Anomaly ores. Stal' 25 no.5:385-393 My '65. (MIRA 18:6)

1. Nauchno-issledovatel'skiy institut po problemam Kurskoy magnitnoy anomalii im. L.D.Shevyakova.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO,V.K., inzhener; SABURENKOV,P.A., inzhener

The GUM, a new cotton stalk harvester. Sel'khozmashina no.10: 6-7 O'55. (MLRA 8:12)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po khlopku (Cotton machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N., inzhener.

Making concrete slabs for stabilizing embankment slopes.
Transp. stroi. 6 no.8:16-17 Ag '56. (MLRA 9:10)

(Concrete slabs) (Shore protection)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.M.; KOTER, V.A.

Using the method of continuous reinforcement in the manufacture of prestressed reinforced concrete bridge spans. Transp.stroi. 9 no.1:29-33 Ja '59. (MIRA 12:2)

1. Glavnyy inzh. Mostostroya No.2 (for Kutsenko). 2. Zamestitel'-nachal'nika tekhnicheskogo otdela Mosstroya No.2 (for Koter).
(Bridges, Concrete)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

IVANOV, F.M., inzh.; KUTSENKO, V.N., inzh.; NOVIKOV, Ya.N., inzh.; SHKLOVSKIY, M.Ya., inzh.

Use of polyvinyl chloride plastics for the waterproofing of bridges. Transp.stroi. 11 no.3:23-24 Mr '61. (MIRA 14:3)
(Waterproofing) (Bridge construction) (Ethylene)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.

New design of an anchor. Transp. stroi. 12 no.11:55 N '62. (MIRA 15:12)

1. Glavnyy inzhener Mostostroya No.2 Glavmostostroya.
(Concrete reinforcement)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.

Prefabricated elements for the supports of large- and medium-sized bridges. Transp. stroi. 13 no.6:13-18 Je '63. (MIRA 16:9)

1. Glavnyy inzh. Mostostroya No.2.
(Bridges--Foundations and piers)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V. N.

At the building site of the Kozinsk viaduct. Transpstroi 13 no. 11:15-18 N '63. (MIRA 17:5)

1. Glavnyy inzh. Mostostroya No. 2.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.; CHUDNOVSKIY, Yu.A.

Building a bridge with prestressed supports. Transp. stroi. 14 no.5:12-15 My '64. (MIRA 18:11)

1. Glavnyy inzh. Mostostroya No.2 (for Kutsenko).
2. Nachal'nik tekhnicheskogo otdela Mostostroya No.2 (for Chudnovskiy).

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N., inzh.; CHUDNOVSKIY, Yu.A., inzh.

Progressive method of laying deep foundations. Transp. stroi. 14 no.6:7-10 Je '64. (MIRA 18:2)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.; SHKLOVSKIY, M.Ya.; SPODAREV, Yu.P.; USTINOV, V.P., dotsent

Erecting precast concrete 55 m. spans. Transp. stroi. 14 no.8:14-18 Ag '64. (MIRA 18:1)

1. Glavnyy inzh. Moskovskogo gosudarstvennogo stroitel'no-montazhnogo tresta No.2 (for Kutsenko). 2. Glavnyy tekhnolog Moskovskogo gosudarstvennogo stroitel'no-montazhnogo tresta No.2 (for Shklovskiy). 3. Starshiy inzh. Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta (for Spodarev).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.; CHUDNOVSKIY, Yu.A., kand. tekhn. nauk

Practices in designing and constructing precast supports for large bridges. Transp. stroi. 15 no.5:13-15 My '65. (MIRA 18:7)

1. Glavnyy inzh. Mostostroya No.2 (for Kutsenko).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.; SHKLOVSKIY, M.Ya.

Construction of bridges on the Abakan-Tayshet line. Transp. stroi. 15 no.9:11-13 S '65. (MIRA 18:11)

1. Glavnyy inzh. Mostostroya No. 2 (for Kutsenko).
2. Glavnyy tekhnolog Mostostroya No. 2 (for Shklovskiy).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.N.

In Minsk Province. Zashch. rast. ot vred. i bol. 6 no.12:6-7 D '61. (MIRA 16:5)

1. Nachal'nik Minskoy oblastnoy stantsii zashchity rasteniy.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

FILIPPOV, M.P.; KAGANSKIY, I.M.; PANCHENKO, V.S.; KUTSENKO, V.P.

Spectrophotometric determination of a nitrate ion in complex fertilizers. Zav.lab. 30 no.12:1444-1446 '64. (MIRA 18:1)

1. Severodonetskiy filial Gosudarstvennogo instituta azotnoy promyshlennosti.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.P. (Novorossiysk, Krasnodarskogo kraya, ul. Lenina, d.22, kv.46)

Recurrent perforation of a duodenal ulcer. Klin.khir. no.9:85-86 S '62. (MIRA 16:5)

1. Khirurgicheskoye otdeleniye Novorossiyskoy bol'nitsy dlya moryakov.

(DUODENUM—ULCERS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

SMIRNOVA, I.S., kand.tekhn.nauk; BAKHIREV, N.F., inzh.; KACHUROVA, K.P., zootekhnik; KUTSENKO, V.V., inzh.; BEKHTIN, B.I., inzh.; SVENTETSKIY, I.I., inzh.; KISHECHNIKOV, S.A., inzh.; YEVREINOV, M.G., red.

[Ultraviolet irradiation of farm animals and poultry; a manual] Ul'trafioletovoe obluchenie sel'skokhozyaistvennykh zhivotnykh i ptits; rukovodstvo. Moskva, Otdel tekhn.informatsiiVIESKha, 1959. 34 p. (MIRA 13:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva. 2. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I. Lenina (VASKHNIL) (for Yevreinov).

(Ultraviolet rays--Therapeutic use) (Veterinary hygiene)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

SMIRNOVA, I.S., kand.tekhn.nauk; SVENTITSKIY, I.I.; KUTSENKO, V.V.

Using combined radiation equipment in poultry raising. Dokl. Akad.sel'khoz. 24 no.9:39-43 '59. (MIRA 13:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva. Predstavlena akademikom M.G.Yevreinovym.
(Radiation--Physiological effect)
(Poultry houses and equipment)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, V.V.

Congenital leukemia in a 2 1/2-month-old child. Probl. gemat. i perel. krovi no.5:54 '65. (MIRA 18:10)

1. Oblastnaya klinicheskaya detskaya bol'nitsa (glavnyy vrach Yu.K. Solov'yev), Ivano-Frankovsk.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

USSR / Human and Animal Physiology. Physiology of Work T
and Sport.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102346.

Author : Khanina, K. P.; Gorbunov, A. N.; Kutsenko, Ya. G.
Inst : Kiev Institute of Physical Culture.
Title : The Dynamics of the Changes of Body Composition of Heavy Athletes During the Period of Preparation for Competitions.

Orig Pub: Tr. Kiyevsk. in-ta fiz. kul'tury, 1957, vyp. 2, 89-93.

Abstract: No abstract.

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, YE

USSR/Optics - X-Rays. K-8

Abs Jour : Referat Zhur - Fizika, No 3, 1957, 8029

Author : Gertsriken, G.D., Dekhlyar, I.Ya., Karal'nik, S.M., Kutsenko, Ye.

Inst : Kiev University, USSR.

Title : K Edge of Absorption of Components of Triple Alloys with a Nickel-Cobalt Base.

Orig Pub : Nauk. zap. kuvo'k. un-t, 1955, 14, No 8, 121-123

Abstract : It is established that the K absorption edges of all the components of the Ni-Co-Mn and Ni-Mn-Fe shift towards the shortwave side upon transition from the pure metals of the alloy, and also that the structure of the K-edge of the manganese becomes more conplicated.
These data cannot be explained by the band theory of metals.

Card 1/1 - 119 -

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, Ye.I.

Equipping the "Pioner" crane with electric drive locomotion.
Rats. i izobr. predl. v stroi. no.110:18-20 '55.
(Cranes, derricks, etc.) (MLRA 8:10)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, Ye.P.

Automatic shut-off device for concrete mortar charge bunkers. Rats. i izobr.predl. v stroi. no.109:24-26 '55. (MLRA 8:12)
(Concrete)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, YU.I.

USSR/Chemistry - Spectroscopy

Card 1/1 : Pub. 145 - 2/10

Authors : Borovik-Romanova, T. F.; Korolev, V. V.; and Kutsenko, Yu. I.

Title : Spectroscopic determination of Sr and Li in natural waters

Periodical : Zhur. anal. khim. 9/5, 265-269, Sep-Oct 1954

Abstract : Spectroscopic determination of Sr and Li in various natural waters (~ 200 samples) of different origin, is described. The Sr-content in the investigated water samples was fixed at $1 \cdot 10^{-5}$ to $1 \cdot 10^{-3}$% and that of Li at $1 \cdot 10^{-7}$ to $1 \cdot 10^{-4}$%. The ratio of the Ca content to the Sr content in the studied waters made the determination of the water origin (sea or continental) possible. Seven USSR references (1934-1951). Tables; graph; illustration.

Institution : Acad. of Sc. USSR, The V. I. Vernadskiy Institute of Geochemistry and Analytical Chemistry, Moscow

Submitted : July 9, 1954

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

KUTSENKO, Yu. I.

3707. Some methods of using the activated a.c. arc for the determination of alkali and alkaline-earth elements in natural waters. T. P. Borovik-Romanova, V. V. Korolov, Yu. I. Kutsenko and M. M. Parafonov. *Izv. Akad. Nauk SSSR, Ser. Fiz.*, 1955, 19 (3), 196-197; *Ref. Zhur., Khim.*, 1956, Abstr. No. 13.177.—For determination of Li (8×10^{-4} to 6×10^{-4} per cent.) and Sr (2.2×10^{-3} to 6×10^{-3} per cent.) in natural waters, $CaSO_4$ soln. (1.6 per cent.) is added in the ratio 2:1 as an internal standard, the solution is placed in a fulgurator and the activated a.c. arc spectrum is obtained. The line pairs Sr 4607.3 - Ca 4593.2 A and Li 6707.8 - Ca 6722.3 A are measured.

G. S. Smith

4

Inst Geochem. & Analyt. Chem im. V.I. Vernadsky, AS USSR

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

AUTHOR: Kutsenko, Yu. I. 79-1-17/26

TITLE: A Spectroscopic Method for the Determination of Small Quantities of Lead, Tin, Cadmium and Bismuth in Metallic Rhenium. (Spektral'nyy metod opredeleniya malykh kolichestv svintsa, olova, kadmiya i vismuta v metallicheskom renii)

PERIODICAL: Zhurnal Analiticheskoy Khimii, 1958, Vol 13, Nr 1, pp 107-111 (USSR)

ABSTRACT: In order to be able to produce metallic rhenium of a high degree of purity, methods of determination are needed for a number of pollutions the presence of which influences the very important physico-chemical properties of the metal. To these pollutions there belong first of all bismuth, lead, tin, antimony and cadmium. The content of each of these impurities in metallic rhenium must not exceed 1.10^{-4} %. As the sensitivity of the spectroscopic determination of some of these elements is insufficient and as the persistent spectrum is complicated, a combined process of the analysis must be employed which is based on the concentration of

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

A Spectroscopic Method for the Determination of Small Quantities of Lead, Tin, Cadmium and Bismuth in Metallic Rhenium 75-1-17/26

the impurities to be determined. Several methods were tested for the solution of this problem. Satisfactory results were obtained only with the aid of the two following methods:

1. The spectroscopic determination of admixtures in metallic rhenium after its separation by precipitation with thallium acetate in an acetic solution. The thallium salt of rhenic acid is difficult to solve in water. Its solubility at 10°C amounts to 0,0085 g per liter and at 26°C to 0,016 g per liter. It can still be diminished by the addition of acetic acid. This fact serves as a basis of the spectrochemical method for the determination of admixtures in metallic rhenium. This method comprises 2 stages: a) chemical separation of the chief metal from the impurities, b) concentration of the impurities on beryllium oxide and subsequent analysis of the concentrate by the spectroanalytical method. The technical data of the spectrograph used and the course of the analysis are exactly described. In this manner antimony, bismuth and cadmium were determined. By examining the loss of impurities by the

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

A Spectroscopic Method for the Determination of Small Quantities of Lead, Tin, Cadmium and Bismuth in Metallic Rhenium 75-1-17/26

separation of rhenium with the aid of radioactive isotopes it became evident that Bi, Cd and Sb practically quantitatively go into the filtrate. Tin is often carried down in the precipitation, lead is entirely precipitated. The described method permits the determination of antimony, cadmium and bismuth with a sensitivity of 1.10^{-4} % and higher. The value of the absorption coefficient is near 20 and more. The reproducibility of the quantitative determination of the impurities in rhenium according to this method is 15-20 %. It is a disadvantage of the method that it does not make it possible to determine the content of so frequent accompanying elements as lead and tin in metallic rhenium.

2. The spectroscopic determination of the impurities in metallic rhenium according to its separation by sublimation. In this method rhenium as Re_2O_7 is carefully sublimated in the muffle furnace at 200-300°C. The concentrated impurities are converted on carbon poweder as the new principal quantity.

Card 3/5

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

A Spectroscopic Method for the Determination of Small Quantities of Lead, Tin, Cadmium and Bismuth in Metallic Rhenium 75-1-17/26

This method permits the determination of the following impurities: antimony to a content of 2.10^{-4} %, lead, tin, cadmium and bismuth to a content of 1.10^{-4} %. The sensitivity of the determination of the latter elements may be even higher. Reproducibility amounts to 15-20 %. In order to check the reliability of the two elaborated methods, both methods were used for the analysis of one and the same sample. The obtained results were in good agreement. The arithmetic mean of the errors of the determination does not exceed 15-20 %. The method with the sublimation of rhenium from the sample and concentration of the impurities on carbon powder may certainly even without an essential modification serve for the determination of some other impurities in metallic rhenium, for example for the determination of Fe, Mo, Ca, Mg and other elements.
There are 5 figures, 4 tables, and 6 references, 6 of which are Slavic

Card 4/5

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

A Spectroscopic Method for the Determination of Small Quantities of Lead, Tin, Cadmium and Bismuth in Metallic Rhenium 75-1-17/26

ASSOCIATION: Institute for Geochemistry and Analytical Chemistry imeni V.I. Vernadskiy AS USSR Moscow (Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva)

SUBMITTED: February 28, 1957

AVAILABLE: Library of Congress

1. Lead - Determination 2. Tin - Determination
3. Cadmium - Determination 4. Bismuth - Determination
5. Spectroscopy - Applications 6. Rhenium - Chemical analysis

Card 5/5

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

RYABCHIKOV, D.I.; VAYNSHTEYN, E.Ye.; BORISOVA, L.V.; VOLYNETS, M.P.; KOROLEV, V.V.; KUTSENKO, Yu.I.

Spectrochemical method of determining bismuth, cadmium, antimony, tin and lead in metallic tungsten, niobium and tantalum. Trudy Kom. anal. khim. 12:82-93 '60. (MIRA 13:8)
(Tungsten--Analysis) (Niobium--Analysis)
(Tantalum--Analysis)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

VAYNSHTEYN, E.Ye.; MIKHAYLOVA, G.V.; AKHMANOVA, M.V.; KUTSENKO, Yu.I.

Method of spectrum determination of iron, calcium, magnesium, chromium, nickel, silicon and boron in zirconium. Trudy Kom. anal. khim. 12: 142-150 '60. (MIRA 13:8)
(Zirconium--Analysis) (Spectrum analysis)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

ANTIPOVA-KARATAYEVA, I.I.; KUTSENKO, Yu.I.

Spectrophotometric determination of erbium and holmium in solutions. Zhur. anal. khim. 15 no.5:581-586 S-O '60. (MIRA 13:10)

1. V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Erbium--Analysis) (Holmium--Analysis)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

ANTIPOVA-KARATAYEVA, I.I.; VAYNSHTEYN, E.Ye.; KUTSENKO, Yu.I.

Study of the solvation of a trivalent titanium ion in aqueous solutions. Zhur.neorg.khim. 6 no.10:2329-2333 O '61. (MIRA 14:9)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.Vernadskogo Akademii nauk SSSR.

(Titanium compounds)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

BOROVIK-ROMANOVA, T.F.; BELYAYEV, Yu.I.; KUTSENKO, Yu.I.; PAVLENKO, L.I.; SAVINOVA, Ye.N.; FARAFONOV, M.M.; VAYNSHTEYN, E.Ye., prof., doktor khim. nauk, otv. red.; DRAGUNOV, E.S., red. izd-va; ASTAF'YEVA, G.A., tekhn. red.

[Spectral determination of rare and dispersed elements in minerals rocks, soils, plants, and natural waters] Spektral'noe opredelenie redkikh i rasseiannykh elementov; v mineralakh i porodakh, pochvakh, rasteniiakh i prirodnykh vodakh. [By] T.F. Borovik-Romanova i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 239 p. (MIRA 15:3)

1. Akademiya nauk SSSR. Institut geokhimii.
(Spectrum analysis)

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ZOLOTOV, Yu.A.; SERYAKOVA, I.V.; ANTIPOVA-KARATAYEVA, I.I.; KUTSENKO, Yu.I.; KARYAKIN, A.V.

Effect of the organic solvent on the formation of the tetrachloroferrate ion during extraction of iron from chloride solutions. Zhur.neorg.khim. 7 no.5:1197-1203 My '62. (MIRA 15:7)
(Iron) (Chlorides) (Extraction (Chemistry))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

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ANTIPOVA-KARATAYEVA, I.I.; KUTSENKO, Yu.I.; YATSUN, G.I.

Hydration of vanadyl ions in aqueous solutions studied with the aid of optical absorption spectra. Zhur. neorg. khim. 7 no.8:1913-1916 Ag '62. (MIRA 16:6)

(Vanadium compounds) (Hydration)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

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ANTIPOVA-KARATAYEVA, I.I.; KUTSENKO, Yu.I.

Absorption spectra of Nd, Er, and Gd solvates in aqueous and alcohol solutions. Zhur. neorg. khim. 9 no.3:615-622 Mr '64. (MIRA 17:3)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

L 49776-65
ACCESSION NR: AR5012241 UR/0058/65/000/003/D025/D026

SOURCE: Ref. zh. Fizika, Abs. 3D179

14
B

AUTHORS: Antipova-Karataeva, I. I.; Kutsenko, Yu. I.

TITLE: Study of solvation processes from electronic absorption spectra of solutions of isoelectronic ions

CITED SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 618-625

TOPIC TAGS: solvation, absorption spectrum, electronic spectrum, isoelectronic ion

TRANSLATION: From the electronic absorption spectra of salts of isoelectronic pairs of ions Ti^{3+}-Cu^{2+} and Cr^{3+}-Co^{2+} in mixed solvents CH_3OH-H_2O, C_2H_5OH-H_2O, and acetone-H_2O in the 30,000--10,000 cm^{-1} region it was established that the change in the composition and structure of the solvates of these ions proceed in different fashions, depending on the composition of the solvent. When small amounts of water are added to organic solutions of Cu^{2+} and Co^{2+} salts, fast transformation

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of the solvates into hydrates takes place, while in aqueous solutions of Ti^{3+} and Cr^{3+} there occurs a transformation of hydrates into solvates upon addition of small amounts of organic solvents. The observed facts are related to the features of the structure of the electronic shells, to the charges and to the dimensions of the investigated ions.

SUB CODE: OP ENCL: 00

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

L 9249-66 EWT(1)/EWT(m)/EPF(n)-2/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/AM/WW/RM

ACC NR: AP5022710 SOURCE CODE: UR/0181/65/007/009/2712/2716

AUTHOR: Antipova-Karataeva, I. I.; Grechushnikov, B. N.; Koryagin, V. F.; Kutsenko, Yu. I.

ORG: Institute of Crystallography AN SSSR (Institut kristallografii AN SSSR); Institute of Geochemistry and Analytical Chemistry AN SSSR, Moscow (Institut geokhimii i analiticheskoy khimii AN SSSR)

TITLE: Spectra of trivalent chromium complexes in crystals of $AlCl_3 \cdot 6H_2O$

SOURCE: Fizika tverdogo tela, v. 7, no. 9, 1965, 2712-2716

TOPIC TAGS: aluminum chloride, spectrum analysis, EPR spectrum, crystal theory, crystal optic property

ABSTRACT: The authors study crystals of $AlCl_3 \cdot 6H_2O$ with an isomorphic impurity of trivalent chromium to determine the mechanism responsible for binding of an impurity ion in the surrounding crystal lattice. The crystals were grown from solutions containing aluminum chloride and chromium chloride. The specimens were studied by spectrophotometry in the visible and ultraviolet regions, and by electron paramagnetic resonance. The preparation of the specimens and equipment used in making the measurements are briefly described. A model is given for the energy levels of a Cr^{3+} ion in crystal fields of various symmetry. The absorption spectra of all crystals in polariz-

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ed light showed two wide bands in the visible region and one in the ultraviolet. The spectral parameters Δ and K were determined, where Δ is the energy difference between the $^4A_{2g}$ and $^4T_{2g}$ levels, and K is the value of splitting of the $^4T_{2g}$ and $^4T_{1g}$ levels in an axial field. The constant of spin-orbital interaction λ was also determined from the spectral measurements. The results are tabulated. The parameters of the electron paramagnetic resonance spectra for the various crystals studied are given. It is found that binding of the impurity ion in this type of crystal is determined both by the lattice structure and by the state of the ion in the mother liquor. Further research on this problem is recommended. Orig. art. has: 3 figures, 3 tables.

SUB CODE: 20,07/ SUBM DATE: 27Mar65/ ORIG REF: 001/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927920010-1

USSR/Medicine - Biosynthesis of Ascorbic Acid Kutsenko, Z. M. FD-1755

Card 1/1 Pub 141-5/15

Author : *Merezhinskiy, Prof M. F.; Cherkasova, L. S.; Kutsenko, Z. M.

Title : The ascorbic acid content in the tissues of white rats with experimentally fractured bones under various nutritional conditions

Periodical : Vop pit., 26-30 Jan/Feb 1955

Abstract : An increase in ascorbic acid content is noted in animals capable of vitamin C biosynthesis after bone fracture when the diet is sufficient in protein. Decreasing the protein content while maintaining constant calorific content has an effect on the ascorbic acid content in the traumatic tissues. Compensating a diet low in protein by an increase in carbohydrates, results in a different distribution of ascorbic acid in the tissues of white rats following trauma than by a compensation with fats. White rats show great compensatory capabilities in respect to satisfying the ascorbic acid requirements of individual tissues after bone fracture. One table. Seven references (six USSR).

Institution: Chair of Biochemistry (*Head) Minsk Medical Institute

Submitted : --

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KUTSENKO-SKOPINA, R.G., kand.med.nauk; GENKINA, Ye.B.; PEREL'MUTER, D.L.

Laboratory diagnosis and treatment of vaginal trichomoniasis at the Yevpatoriya health resort; preliminary report. Sov.med. 24 no.12:99-108 D '60. (MIRA 14:3)

1. Iz sanatoriya "Primor'ye" (glavnyy vrach I.P.Rutkovskiy) Yevpatoriyskogo territorial'nogo upravleniya kurortov.
(TRICHOMONIASIS) (VAGINA—DISEASES)

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KUTSENKO-SKOPINA, R.G., kand.med.nauk; PEREL'MUTER, D.L.

Gastroduodenal examination(simultaneous examination of the gastric juice and bile). Sov.med. no.3:112 '62. (MIRA 15:5)

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KUTSENKOV, A.

Development of economic ties between India and socialist countries [with summary in English, p. 31]. Vnesh. torg. 26 no.10:6-11 O '56. (MLRA 9:12)

(India--Commerce)

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KUTSENKOV, A.

India's second five-year plan and problems in the development of her foreign trade. Vnesh. torg. 27 no.7:12-17 '57. (MLRA 10:8)
(India--Commerce)

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SPANDAR'YAN, V.B., red.; KUTSENKOV, A.A.; YERSHOV, Yu.A.; PIROZHKOVA, A.G.; ZINOV'YEV, N.V.; GOLOVIN, Yu.M.; BELOSHAPKIN, D.K.; KOROVINA, A.N.; MOISEYEV, P.P.; GASHEV, B.M.; YEZHOV, L.S.; MANENOK, A.I.; ROGOV, V.V.; GORYUNOV, V.P., red.; INOZEMTSEV, N.N., red.; SHLENSKAYA, V.A., red. izd-va; BORISOVA, L.M., red. izd-va; VOLKOVA, Ye.D., tekhn. red.

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[Economy of capitalist countries in 1957] Ekonomika kapitalisticheskikh stran v 1957 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo i V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1958. 686 p. (MIRA 12:2)

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KUTSENKOV, A.

India's present economic position and foreign trade. Vnesh. torg. 28 no.9:14-18 '58. (MIRA 11:10)
(India--Economic conditions)

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[India; economy and foreign trade] Indiia; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1959. 328 p. (MIRA 12:10)
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YUDIN, B. (Yaroslavl'); PETROV, A. (Chita); KUTSENKOV, K.; MOKRUSHIN, I. (Chelyabinskaya obl.); MALYUTA, N.; ANDROSOV, V.,

Readers' letters. Pozh.delo 7 no.12:32 D '61. (MIRA 14:11)

1. Predsedatel' gorodskogo soveta Dobrovol'nogo pozharnogo obshchestva, g. Orsk (for Kutsenkov). 2. Nachal'nik shtaba yunosheskoy druzhiny, uchenik 47-y shkoly, g. Voronezh (for Androsov).

(Fire prevention)

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Mercury-impervious coverings for floors, walls and ceilings subject to alkaline attack. Khim.prom. no.2:114-116 Mr '54. (MLRA 7:6)

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SHOKHIN, I.A., kand.tekhn.nauk; KUTSENOK, B.I.

Corrosion-resistant ebonite floor tiles impermeable to mercury. Khim.prom. no.5:430 Jl-Ag '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti i TSentral'naya nauchno-issledovatel'skaya laboratoriya "TSnilkhimstroy."

(Tiles) (Rubber goods)

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KLINOV, I.Ya.; KUTSENOK, B.I.; FABRIKANT, T.L.; GIL'MAN, TS.I.

Chemically stable mastics based on a modified asbestos vinyl.
Plast.massy no.2:44-50 '61. (MIRA 14:2)
(Plastics) (Protective coatings)

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