"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; BARANOVSKIY, I.B.; AFANAS'YEVA, G.G.

Reaction of sodium nitrocobaltate with pyridine. Dokl. AN SSSR 143 no.3:587-589 Mr '62. (MIRA 15:3)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova AN SSSR. Predstavleno akademikom I.I.Chernyayevym.
(Sodium nitrocobaltate)(Pyridine)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KHARITONOV, Yu.Ya.; NI TSZYA-TSZYAN' [Ni Chia-chien]; BABAYEVA, A.V.

Infrared absorption spectra of "anomalous" nitrile compounds of bivalent platinum with ethylenediamine and methylamine. Zhur.neorg.khim. 8 no.1:34-42 Ja '63. (MIRA 16:5)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova. AN SSSR.

(Platinum compounds--Spectra) (Nitriles)
(Ethylenediamine) (Ethylamine)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; BARANOVSKIY, I.B.; KHARITONOV, Yu.Ya.

Complex compounds of cobalt (IV) containing a thiosulfato group. Zhur.neorg.khim. 8 no.3:604-611 Mr '63. (MIRA 16:4)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR.

(Cobalt compounds) (Thiosulfates)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KHARITONOV, Yu.Ya.; SHUL'GINA, I.M.; TRAGGEYM, Ye.N.; BABAYEVA, A.V.

Method of coordinating NCS-groups in the complex compounds of uranium (IV) and uranyl. Zhur.neorg.khim. 8 no.3:767-768 Mr '63. (MIRA 16:4)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR.
(Uranium compounds—Absorption spectra) (Isothiocyanates)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; BARANOVSKIY, I.B.; AFANAS'YEVA, G.G.

Interaction of the disodium salt of ethylenediaminetetraacetic acid with complex compounds of cobalt (III). Zhur. neorg. khim. 8 no.6:1527-1529 Je '63. (MIRA 16:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

(Acetic acid) (Cobalt compounds)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; IKRAMOV, Kh.U.; AFANAS'YEVA, G.G.

Ammonia-thiourea complexes of nickel. Zhur.neorg.khim. 8 no.9: 2065-2068 S '63. (MIRA 16:10)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V., KHARITONOV, Yu.Ya.

Concerning Schutte's note. Zhur.neorg.khim. 9 no.1:236-237 Ja '64. (MIRA 17:2)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnatova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

AVTOKRATOVA, T.D.; ANDRIANOVA, O.N.; BABAYEVA, A.V.; BELOVA, V.I.; GOLOVNYA, V.A.; DERBISHER, G.V.; MAYOROVA, A.G.; MURAVEYSKAYA, G.S.; NAZAROVA, L.A.; NOVOZHENYUK, Z.M.; ORLOVA, V.S.; USHAKOVA, N.I.; FEDOROV, I.A.; FILIMONOVA, V.N.; SHENDERETSKAYA, Ye.V.; SHUBOCHKINA, Ye.F.; KHANANOVA, E.Ya.; CHERNYAYEV, I.I., akademik, otv. red.

[Synthesis of complex compounds of platinum group metals; a handbook] Sintez kompleksnykh soedinenii metallov platinovoi gruppy; spravochnik. Moskva, Izd-vo "Nauka," 1964. 338 p. (MIRA 17:5)

1. Akademiya nauk SSSR. Institut obshchey i neorganicheskoy khimii. 2. Institut obshchey i neorganicheskoy khimii AN SSSR (for all except Chernyayev).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; IKRAMOV, Kh.U.

Nitrile complexes of bivalent nickel. Zhur. neorg. khim. 9 no.3:591-595 Mr '64.

Aquonitrile and aminonitrile complexes of nickel. Ibid.:596-600 (MIRA 17:3)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KHARITONOV, Yu. Ya.; MOISEYKIN, A. K.; BABAYEVA, A. V.

Infrared absorption spectra of thorium (IV) complexes with thiocyanate groups. Izv AN SSSR Ser Khim no. 4:618-622 Ap '64. (MIRA 17:5)

1. Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; AFANAS'YEVA, G.G.; BARANOVSKIY, I.B.

Reaction of nickel acetate with ethylenediamine and potassium nitrite. Zhur. neorg. khim. 9 no.5:1303-1304 My '64. (MIRA 17:9)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BARANOVSKIY, I.B.; BABAYEVA, A.V.

Complex compounds of trivalent cobalt with cyano groups.
Zhur. neorg. khim. 9 no.9:2163-2169 S '64.
(MIRA 17:11)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 36659-65 EWT(m)/EPF(c)/EPF/EWP(j)/T/EWA(c) Pc-4/Pr-4/Ps-4 RPL WW/RM
ACCESSION NR: AP5002809 S/0078/65/010/001/0296/0298

AUTHOR: Babayeva, A. V.; Derbisher, G. V.

TITLE: Reaction of phosphonitrile chloride trimer with thiourea

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 1, 1965, 296-298

TOPIC TAGS: phosphonitrile chloride thiourea, reaction, thiocarbamide derivative, triphosphonitriletristhiocarbamide, synthesis, property, solubility

ABSTRACT: The reaction of 1 mole of phosphonitrile chloride trimer with 3 moles of thiourea gave a new derivative: triphosphonitriletristhiocarbamide (I) $P_3N_3[(NH)_2CS]_3 \cdot 3HCl$. I was a hygroscopic viscous yellow-green material from which gas evolution started on heating to 100C. At 150C it hardened, and no apparent change occurred thereafter on heating to 200C. It was soluble in

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 56659-65
ACCESSION NR: AP5002809

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. M. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry, Academy of Sciences SSSR)

SUBMITTED: 20Arp64 ENCL: 00 SUB CODE: MM

NR REF SOV: 002 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KHARITONOV, Yu.Ya.; IKRAMOV, Kh.U.; BABAYEVA, A.V.

Change of vibration frequencies during the coordination and adsorption of nitriles through a nitrogen atom. Dokl. AN SSSR 158 no.6:1412-1415 O '64. (MIRA 17:12)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova AN SSSR. Predstavleno akademikom I.I. Chernyayevym.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KHANANOVA, E. Ya.

Complex compounds of Pd (IV). Dokl. AN SSSR 159 no.3:586-587 N '64 (MIRA 18:1)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR. Predstavleno akademikom I.I. Chernyayevym.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KUENYY, R.I.

Kinetics of hydration of potassium chloroplatinate and its reaction with potassium nitrite. Zhur. neorg. khim. 10 no.3: 718-721 Mr '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BARANOVSKIY, I.B.; YEVSTAF'YEVA, A.V.; BABAYEVA, A.V.

Pentacyanohalides of tetravalent platinum. Dokl. AN SSSR 163 no.3: 642-645 Jl '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova AN SSSR. Submitted January 7, 1965.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KHANANOVA, E.Ya.

Ethylenediamine complexes of tetravalent palladium of the tetramine type. Dokl. AN SSSR 164 no.4:807-808 O '65.

(MIRA 18:10)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova AN SSSR. Submitted May 28, 1965.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V., [illegible], R.I.

Rate of the reaction of Pt(II) trans diamine nitrotromide with potassium nitrite. Zhur. neorg. khim. 10 no.5:1266-1267 My '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KARAYEVA, N.V.; LABANOVSKIY, I.B.; AFANAS'YEVA, G.G.

Trivalent nickel ethylenediamine complexes. Zhur. neorg. khim. 10 no.5:1268-1270 My '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

YEVSTAFIYEVA, O.N.; BARANOVSKIY, I.B.; BABAYEVA, A.V.

Properties of the cyano group in bivalent platinum compounds. Zhur. neorg. khim. 10 no.1:27-34 Ja '65. (MIRA 18:11)

1. Submitted July 18, 1963.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V., DERBISHER, G.V.

Reaction of the trimeric phosphonitrile chloride with thiourea. Zhur. neorg. khim. 10 no.1:296-298 Ja '65. (MIRA 18:1)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR. Submitted April 20, 1964.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

DERBISHER, G.V.; BABAYEVA, A.V.

Reaction of phosphonitrile chloride and its derivatives with platinum complexes. Zhur. neorg. khim. 10 no.9:2194-2196 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KHARITONOV, Yu.Ya.; IKRAMOV, Kh.U.; BABAYEVA, A.V.

Infrared absorption spectra of nickel (II) compounds with nitriles. Zhur.neorg.khim. 10 no.11:2424-2435 N '65. (MIRA 18:12)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. Submitted May 5, 1964.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KHANANOVA, E.Ya.

Compounds of $Pd^{IV}$ tetramine type. Zhur.neorg.khim. 10 no.11:2579-2581 N '65. (MIRA 18:12)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. Submitted June 17, 1965.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KHANANOVA, E.Ya.

Ethylenediamine complexes of tetravalent palladium of the tetramine type. Zhur.neorg.khim. 10 no.12:2653-2656 D '65. (MIRA 19:1)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, A.V.; KHARITONOV, Yu.Ya.

Structure of complex compounds containing bidentate sulfito groups. Dokl.AN SSSR 144 no.3:559-561 My '62. (MIRA 15:5)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova AN SSSR. Predstavleno akademikom I.I.Chernyayevym.
(Complex compounds)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

137-58-4-7777

Translation from: Referativnyy zhurnal, Metallurgiya 1958, Nr 4, p 204 (USSR)

AUTHORS: Chernashkin, V. G., Babayeva, A. Ye.

TITLE: Corrosion of Structural Steels in Natural Conditions (Korrozii stroitel'nykh staley v yestestvennykh usloviyakh)

PERIODICAL: V sb.: Issledovaniya. Stal'nyye konstruktsii. Moscow, Gos. izd-vo lit. po str-vu i arkhitekt., 1957, pp 127-143

ABSTRACT: Structural medium-carbon, low-carbon, and mild steels were tested in sea water, tap water, in marine, industrial, and gas-and-vapor atmospheres, and in the soil. The corrosion was determined by change in weight. Visual examination of the specimens after corrosion was also performed. It was shown that in all steels exposed to a gas-and-vapor atmosphere of arsenical solutions (at a chemical plant) a maximum corrosion was observed about 10 times greater than that in a marine air atmosphere. The difference in the ratio of maximum to minimum corrosion losses in the mediums under investigation varies from 2 to 10. The maximum losses occur during the initial test period (3-6 months). Depending upon the composition of the steel, the ratio of corrosion losses from one to another ranged from 1 to 2. In the ma-

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

137-58-4-7777

Corrosion of Structural Steels in Natural Condition

jority of mediums investigated, the low-alloy steels were more stable, but under conditions of semi-immersion, they showed no superiority over the low-carbon steels. Data on the corrosion of maritime hydraulic engineering structures made of steel is appended.

K. Zh.

1. Steel--Corrosion--Test results

Card 2/2

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 18953-65 EWT(m)/T/EWP(t)/EWP(b) IJP(c)/AFWL/ASD(a)-5/ESD(t) RDW/JD

ACCESSION NR: AP4049428 S/0316/64/000/001/0133/0138

AUTHOR: Rustamov, P. G.; Babayeva, B. K.; Safarov, M. G.

TITLE: Interactions in the gallium telluride-gallium selehide system (type A-III, B-VI)

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 1, 1964, 133-138

TOPIC TAGS: gallium telluride, gallium selenide, telluride selenide system, semiconductor, phase diagram, quasibinary system

ABSTRACT: Alloys of 5-95% GaSe and 5-95% GaTe were melted and cooled at 100-150C per hour using the transition points recorded for the established phase diagram (see Fig. 1 of the Enclosure). At 820C this diagram shows a new compound, $Ga_2SeTe$, containing 45-78 mol.% GaTe and forming a eutectic with GaSe at 762C and one with GaTe at 742C. The existence of the compound was checked by X-ray phase analysis, microhardness determination and metallography using 100 g $CuSO_4 \cdot 5H_2O$ in 500 cc HCl, 25 cc $H_2SO_4$ and 400 cc $H_2O$ for etching the tellurides. The difference in space lattice parameters reduces the amount of solid solution formed, which decomposes into $Ga_2TeSe$. Apparently, the $Ga_2^{4+}$ ion is responsible for the $Ga_2SeTe$ phase; this compound is a semiconductor, the electrical conductivity of which increases with

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L 15953-65
ACCESSION NR: AP4049428

temperature faster than that of GaTe and GaSe. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 01 SUB CODE: IC, EC

NO REF SOV: 003 OTHER: 005

Card 2/3

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 18953-65

ACCESSION NR: AP4049428

ENCLOSURE: 01

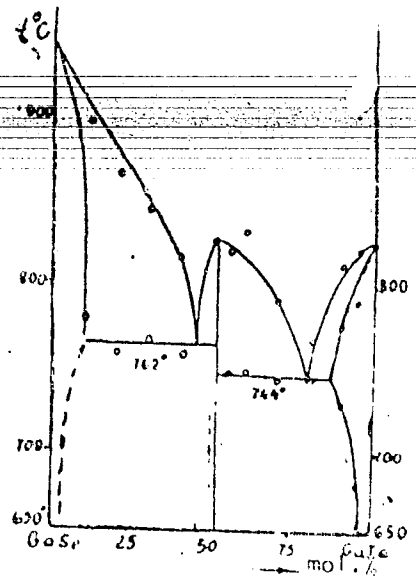


Fig. 1. Phase diagram of the GaSe-GaTe system.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 60967-65 EWA(c)/EWT(m)/EWG(m)/EWP(b)/T/EWP(t) [illegible]

ACCESSION NR: AP5018913 UR/0363/65/001/006/0843/0844

AUTHOR: Rustamov, P. G.; Babayeva, B. K.; Lazhnaya, N. P.

TITLE: Interaction of gallium and selenium

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 6, 1965, 843-844

TOPIC TAGS: gallium, selenium, gallium selenide

ABSTRACT: The Ga - Se system was studied over a wide concentration range. The prin-[illegible] were thermal [illegible]

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

ASSOCIATION: Institut Khimii Akademii nauk AzerbSSR (Institute of Sciences, AzerbSSR) 55

SUBMITTED: 26Feb65 ENCL: 01 SUB CODE: IC,

NO REF SOV: 004 OTHER: 003

Card 2/3

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 60962-65

ACCESSION NR: AP5018913 ENCLOSURE 01

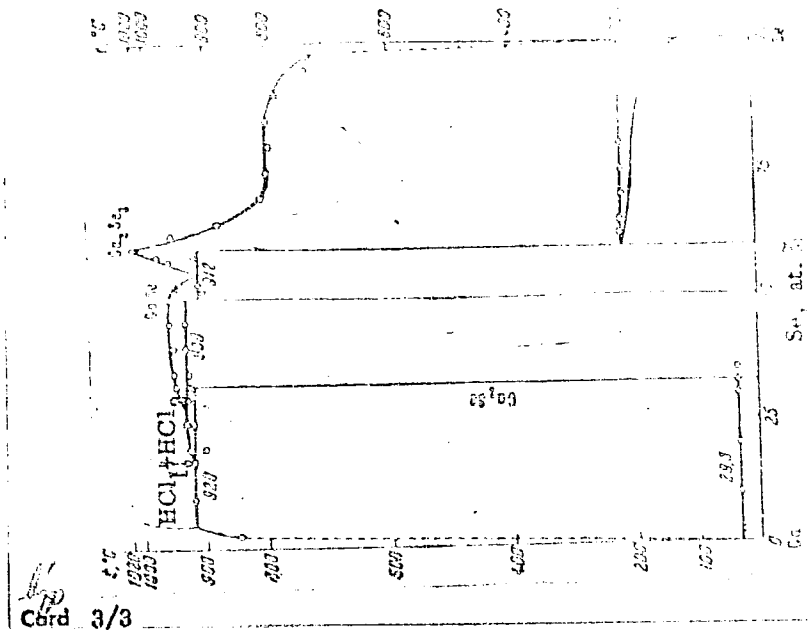


Figure 1. Phase diagram

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 00157-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6028575 (A) SOURCE CODE: UR/0316/66/000/003/0113/0116

AUTHOR: Rustamov, P. G.; Babayeva, B. K.; Cherstvova, V. B. 25 B

ORG: Institute of Inorganic and Physical Chemistry, AN AzerbSSR (Institut neorganicheskoy i fizicheskoy khimii AN AzerbSSR)

TITLE: Reaction of elemental selenium and tellurium with gallium telluride and selenide of type $A_2^{III}B_3^{VI}$

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 3, 1966, 113-116

TOPIC TAGS: selenium, tellurium, telluride, selenide, phase diagram, X ray diffraction study

ABSTRACT: Alloys of the sections $Ga_2Se_3$-Te and $Ga_2Te_3$-Se were synthesized in sealed, evacuated quartz ampoules, subjected to homogenizing annealing for 250 hr at 240 and 400°C, and studied by thermal, x-ray diffraction, microstructural, and microhardness analyses. In the $Ga_2Se_3$-Te section, Te and $Ga_2Se_3$ form a mechanical mixture; the phase diagram of this section is shown in Fig. 1. A eutectic is formed at 440°C and 97 at. % Te. In the $Ga_2Te_3$-Se section, a complex reaction occurs which forms $Ga_2Se_3$ and Te because $Ga_2Se_3$ is more stable than $Ga_2Te_3$ and Se is more electronegative than Te. Up to 7 at. % Se was found to dissolve in $Ga_2Te_3$; above this amount, $Ga_2Se_3$ is formed (transition point at 44 at. % Se and 740°C). Thermal effects obtained at 410 and 190°C correspond to ternary eutectics of the Ga-Se-Te system. Orig. art. has: 2

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 06152-66
ACC NR: AP6028575

figures and 2 tables.

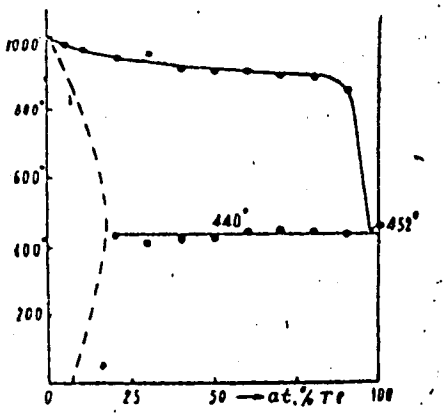


Fig. 1. Phase diagram of the $Ga_2Se_3$-Te section

SUB CODE: 11,07/ SUBM DATE: 26Mar65/ ORIG REF: 003/ OTH REF: 004

Card 2/2 mlc

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BUKHALOVA, G.A.; BABAYEVA, E.P.; KHLIYAN, T.M.

System of sodium, potassium, and lanthanum fluorides. Zhur. neorg. khim. 10 no.9:2127-2131 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

[illegible] EWT(m)/EWP(t)/ETI IJP(c) WW/JW/JD/JG
ACC NR: AP6019049 (A) SOURCE CODE: UR/0078/66/011/002/[illegible]

AUTHOR: Bukhalova, G. A.; Babayeva, E. P.

ORG: Rostov Engineering -Construction Institute, Chair of General Chemistry (Rostovskiy inzhenerno-stroitel'nyy institut, Kafedra obshchey khimii)

TITLE: $Li^+$, $Cs^+$, $Y^{3+}$- $F^-$system

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 402-405

TOPIC TAGS: phase equilibrium, lithium compound, cesium compound, yttrium compound, fluoride, TERNARY ALLOY

ABSTRACT: Phase equilibria in the ternary LiF - CsF - $YF_3$ system have been investigated by the visual-polythermic and thermographic methods, using the optical grade of LiF and analytical grade of CsF. Yttrium fluoride was prepared by the dissolution of yttrium nitrate in twice distilled hydrofluoric acid in the presence of ammonium carbonate, washing out $NH_4NO_3$, dessication, and decomposition at 80-100C. The end product was roasted at 300-400C. Cooling curves were recorded with the aid of a differential Pt-Pt-Rh thermocouple in a platinum crucible. The data obtained by the authors for the LiF-$YF_3$ system differed from the first data obtained by Ye. P. Dergunov (Dokl. AN SSSR, 60, 1185, 1948), but are in agreement with the data of R. E. Thomas, et al. (Phase equilibria in the system LiF-$YF_3$, Journal of Physical Chemistry, 1961, vol. 65, no. 7,

Card 1/3 UDC: 541.123.6:546.161

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 08661-67

ACC NR: AP6019049

1096-1099). The data on the $CsF-YF_3$ system, which for the first time had also been investigated by Ye. P. Dergnov, are in complete agreement with the data of the present work. The present study has determined that compounds formed by $YF_3$ and fluorides of lithium and cesium retain their melting characteristics in the ternary system: $Cs_3YF_6$, the kryolite type of compound, melts congruently, and $LiYF_4$, the 1:1 type of compound, melts incongruently (Figure 1).

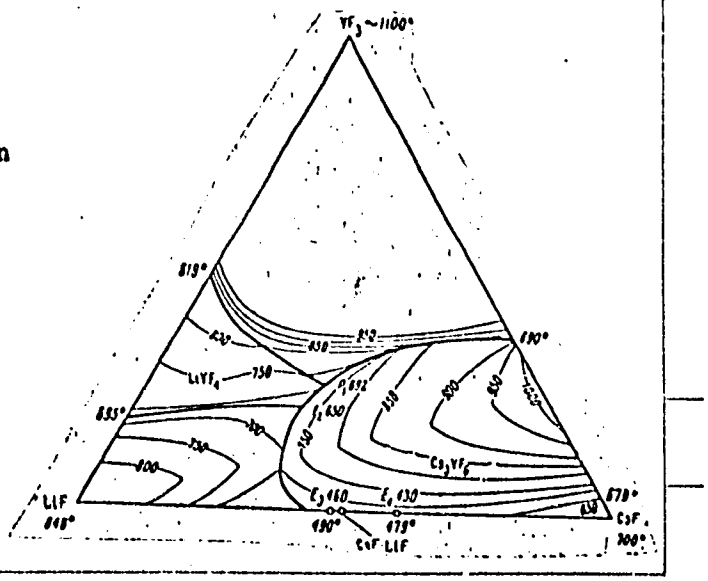


Figure 1. Isotherms of the solidification fields of the system $Li^+$, $Cs^+$, $Y^{3+}\|F^-$

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L 08661-67

ACC NR: AP6019049

The composition of the eutectics corresponding to points $E_2$, $E_3$, and $E_4$ is:
$E_2$ - 31% CsF, 21.5% $YF_3$, 47.5% LiF at 650C
$E_3$ - 51.8% LiF, 0.2% $YF_3$, 48% CsF at 460C
$E_4$ - 60% CsF, 0.2% $YF_3$, 39.8% LiF at 430C.
Sections of the LiF-CsF-$YF_3$ system are given (Figure 2). Orig. art. has: 6 fig.

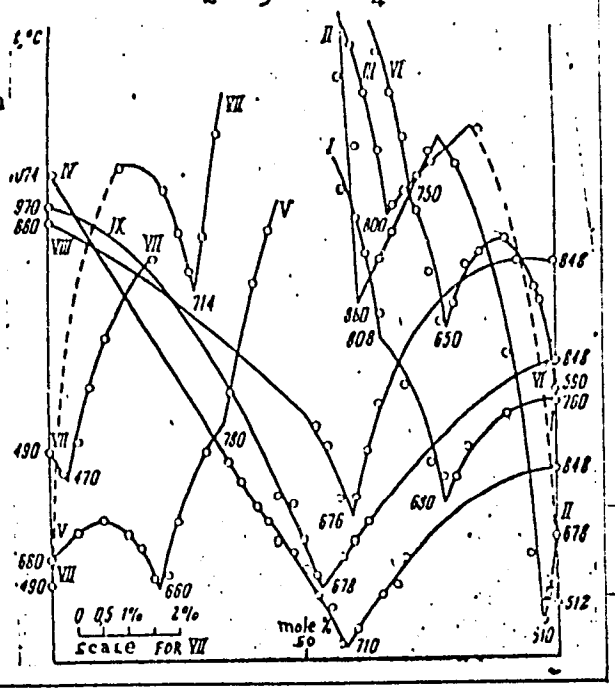


Figure 2. LiF-CsF-$YF_3$ system

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ORIG REF: 003/ OTH REF: 001

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, E. S.

BABAYEVA, E. S.--"Electrocardiogram and Several Other Indices of the State of the Cardiovascular System of Lepers."*(Dissertation for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions. ) Kuybyshev State Medical Inst. Kuybyshev, 1955

So: Knizhnaya Letopis' No. 25, 18 Jun 55

* For Degree of Candidate in Medical Sciences

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, E.F.; BUKHAIOVA, G.A.

System of sodium, potassium, and scandium fluorides. Zhur. neorg. khim. 10 no.6:1455-1458 Je '65. (MIRA 18:6)

1. Rostovskiy inzhenerno-stroitel'nyy institut.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BUKHALOVA, G.A.; BABAYEVA, E.P.

System of lithium, cesium, and lanthanum fluorides.
Zhur.neorg.khim. 10 no.8:1883-1885 Ag '65.
(MIRA 19:1)

1. Rostovskiy inzhenerno-stroitel'nyy institut. Submitted April 11, 1963.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 11732-66 EWT(m)/T/EWT(t)/ETI IJP(c) JD/WW/JG

ACC NR: AP6020374 (A) SOURCE CODE: UR/0078/66/011/003/0644/0647

AUTHOR: Bukhalova, G. A.; Babayeva, E. P.

ORG: none

36

B

TITLE: The system $Na^+$, $K^+$, $Y^{3+}$ || $F^-$

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 3, 1966, 644-647

TOPIC TAGS: fluoride, yttrium compound, potassium compound, sodium compound, phase diagram

ABSTRACT: The article constitutes a part of a study of complexing in rare earth fluoride and alkali metal fluoride melts. The system $Na^+$, $K^+$, $Y^{3+}$ || $F^-$ was studied by the visual-polythermal and thermographic methods, and the differential cooling curves were recorded with a Kurnakov pyrometer. The system has four crystallization fields (see Figure 1), three of which belong to the pure components, and one to the compound $K_3YF_6$. The triangulating curve traced from the figurative point of the composition $K_3YF_6$ to NaF divides the triangle into two secondary phase systems: (I) $NaF-YF_3-K_3YF_6$ with eutectic $E_1$ at 554°C (44% NaF, 21% KF, 35% $YF_3$), and (II) $NaF-KF-K_3YF_6$ with eutectic $E_2$ at 648°C (32% NaF, 10% $YF_3$, 58% KF). A characteristic feature of the system is the relatively low melting point (554°C) of the eutectic point $E_2$ (35% $YF_3$). The binary systems $NaF-YF_3$ and $KF-YF_3$ were also studied. In the first, there is a eutectic at 610°C (30% $YF_3$), and the compound $NaYF_4$ in the

Card 1/3 UDC: 541.123:546.161

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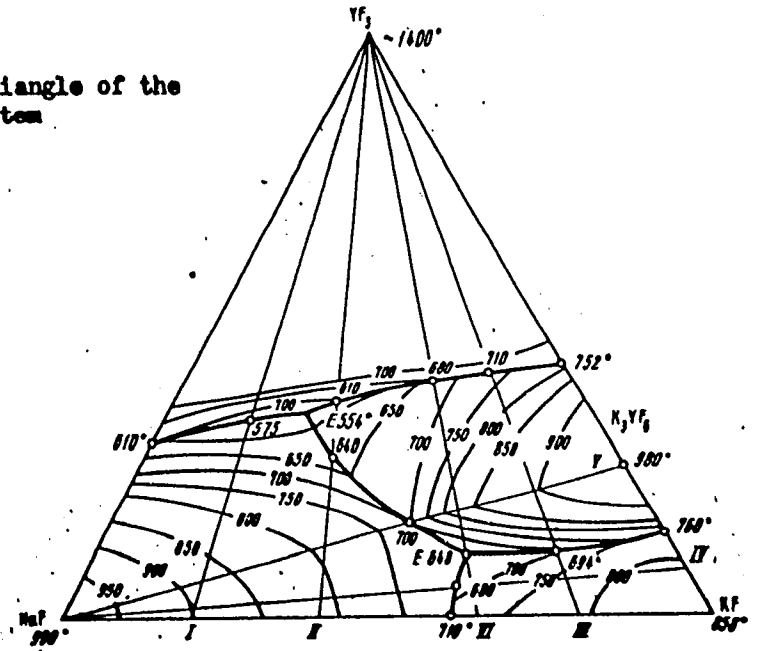
ACC NR: AP6020374

Fig. 1. Composition triangle of the $NaF-KF-YF_3$ system

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 41732-66

ACC NR: AP6020374

solid phase. In the second, the compound $K_3YF_6$ with a dystectic at 980°C is formed; the eutectics are at 760°C (13% $YF_3$) and 750°C (43% $YF_3$). The compound $KYF_4$ exists in the solid phase. Orig. art. has: 6 figures.

SUB CODE: 07/ SUBM DATE: 24Mar65/ ORIG REF: 002

Card 3/3 af

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 41729-66 EWT(m)/EWP(j)/T/EWP(t)/ETI IJP(c) JD/JW/JG/WM

ACC NR: AP6020373 (A) SOURCE CODE: UR/0078/66/011/003/0624/0627

AUTHOR: Bukhalova, G. A.; Babayeva, E. P.

ORG: General Chemistry Department, Rostov Engineering and Construction Institute (Kafedra obshchey khimii, Rostovskiy inzhenerno-stroitel'nyy institut)

TITLE: Complexing in rare earth fluoride and alkali metal melts

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 3, 1966, 624-627

TOPIC TAGS: cerium compound, ytterbium compound, lithium compound, potassium compound, sodium compound, cesium compound, fluoride

ABSTRACT: The authors propose a systematized treatment of complexing in binary fluoride systems. It is based on cation field intensities, which can be approximately characterized by the ratio of the cationic charge to the surface area of a sphere of cation radius R

$$H = \frac{ne}{4\ R^2}$$

where n is the valence and e is the charge. The ratio of the field intensity of the univalent cation $H_I$ to that of the trivalent ion $H_{III}$ characterizes the difference in the influence of these cations on the anion

$$p = \frac{H_I}{H_{III}}$$

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L 41729-66

ACC NR: AP6020373

The closer the field intensities of the cations, i.e., the closer ρ is to unity, the more similar will be the influence of the cations on the anion, and the less likely will be the formation of a complex compound. Ratios of the field intensities of alkali metal cations to those of rare earth cations were calculated. On the basis of these considerations, the nature of the interaction in systems which have not yet been studied can be predicted. An illustration are the binary systems LiF-$YbF_3$, NaF-$YbF_3$, KF-$CeF_3$, and CsF-$CeF_3$, which were studied thermographically. Phase diagrams of these systems were plotted, and the results confirmed the theoretical assumptions. Orig. art. has: 4 figures and 1 table.

SUB CODE: 07/ SUBM DATE: 28May65/ ORIG REF: 003/ OTH REF: 002

Card 2/2 af

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 41733-66 EWT(m)/T/EWP(t) IJP(c) JD/WW/JW/JG

ACC NR: AP6020375 (A) SOURCE CODE: UR/0078/66/011/003/0648/0651

AUTHOR: Babayeva, E. P.; Bukhalova, G. A.

ORG: Rostov Engineering and Construction Institute (Rostovskiy inzhenero-stroitel'nyy institut)

37
B

TITLE: The system $Li^+$, $Cs^+$, $Sc^{3+}$ || $F^-$

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 3, 1966, 648-651

TOPIC TAGS: cesium compound, scandium compound, fluoride, lithium compound, phase diagram

ABSTRACT: The study of molten scandium fluoride with fluorides of the extreme members of the series of alkali metals ($Li^+$ and $Cs^+$) sheds light on the interaction of the cations. In this connection, the system $Li^+$, $Cs^+$, $Sc^{3+}$ || $F^-$ was investigated by the visual-polythermal and thermographic methods by recording heating and cooling curves with a differential thermocouple. The $LiF-ScF_3$ system has a eutectic at 606°C and contains 14.5% $ScF_3$. The compound $LiScF_4$ is formed by a peritectoid reaction at 488°C. In the $CsF-ScF_3$ system, the dystectic at 1084°C corresponds to the composition of the compound $Cs_3ScF_6$. The eutectics crystallize at 680 and 798°C with a respective $ScF_3$ content of 4 and 33%. In the LiF-CsF system, the congruently melting compound LiF·CsF is formed. Eutectics at 490 and 479°C contain 52% LiF and 40% LiF respectively. The crystallization surface of the ternary system $Li^+$, $Cs^+$, $Sc^{3+}$ || $F^-$

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L 41733-66

ACC NR: AP6020375

was studied by means of twelve inner sections, on all of which the eutectic $E_3$, corresponding to 584°C and a composition of 23% $ScF_3$, 51% LiF, and 26% CsF, is well reproduced. The presence of three eutectic points, extremely low-melting as compared to the melting points of the components, was established in this system. The formation of the complex compound $Cs_3ScF_6$ predominates over that of the compound CsF.LiF. Orig. art. has: 6 figures.

SUB CODE: 07/ SUBM DATE: 27Feb65/ ORIG REF: 002

Card 2/2 af

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

MOISEYENKO, M.M.; SHEVERNINA, L.B.; BABAYEVA, G.I.

Testing the experimental machine for combined spinning and twisting. Nauch.-issl.trudy TSNIKHBI za 1958 g:38-71

(Spinning machinery--Testing) (MIRA 16:1)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, L.; SELITSKAYA, S.

Efficient storage of lead batteries. Avt. transp. 34 no.8: 12-13 Ag '56. (MLRA 9:10)

(Automobiles--Batteries)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BARAYEVA, L.; PANKRATOVA, M.; YEVCHENKOVA, Ye.; SELITSKAYA, S.

Conservation of storage batteries at low temperatures. Avt.transp. 38 no.10:20-21 O '60. (MIRA 13:10)
(Motor vehicles--Batteries)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, L.; SELITSKAYA, S.

Storage of charged lead batteries. Avt.transp. 42 no. 4:19-21 Ap '64. (MIRA 17:5)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, L.F.

Construction of a polar correspondence. Uch. zap. MOPI 123: 423-434 '63. (MIRA 17:4)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEV, V.I., inzh.; [illegible], A.I., inzh.; KOGAN, [illegible], inzh.
BABAYEVA, L.K., inzh.; [illegible], A.K., inzh.

Regeneration of the catalyst for the oxidation of paraffin from sludge water. Masl.-zhir. prom. 27 no.7:28-30 Jl '61. (MIRA 14:7)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i zhirnykh spirtov.

(Paraffin wax)
(Catalysts)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, L.K., inzh.

At the Scientific Council of the Scientific Research Institute of the Fats and Oils Industry. Masl.-zhir. prom. 27 no.11:45-46 N '61. (MIRA 15:1)

(Oils and fats)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

SADYKOV, A.S., akademik; BURTMAN, B.G.; BABAYEVA, M.A.

Content of citric and malic acids in some vegetative organs of the cotton plant. Uzb.khim.zhur. no.5:62-66 '59. (MIRA 13:2)

1. Institut khimii polimerov AN UzSSR. 2. UN UzSSR (for Sadykov). (Citric acid) (Malic acid) (Cotton plant)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, N.F.

124-11-12422

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 14 (USSR)

AUTHOR: Babayeva, N. F.

TITLE: On the Question of the Accuracy of a Twin-Gyro Gyrosphere. (K voprosu o tochnosti dvukhgiroskopnoy girosfery)

PERIODICAL: Tr. Leningr. in-ta aviats. priborostr., 1956, Nr 11, pp 3-15

ABSTRACT: An investigation of the influence of the accuracy of the functioning of a twin-gyro compass of various regimes in the eletrical energizing of gyroscopes having a stationary base. The A. shows the investigation of two specific cases: 1) Gyroscopes having constant but different kinetic moments, and 2) Gyroscopes subject to brief (impulsive) perturbations. In both instances it is assumed that the differences between the kinetic moments are small in comparison to their sums.

In the first case it is shown that the axis of the gyrosphere will not align itself with the plane of the meridian (this is obvious), and the magnitude of the declination angle is determined. In the second case the magnitude of the error of the device at the time of the termination of the short-term perturbation is determined. At the end of the paper a graph is shown on the experimental investigation of the azimuthal motion of the axis of the gyrosphere during the short-term perturbation.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

124-11-12422

On the Question of the Accuracy of a Twin-Gyro Gyrosphere. (Continued)

ABSTRACTOR'S NOTE: The author does not consider the influence of the inaccuracies in the balancing of the gyrosphere on the functioning of the device. Since the latter factor is of appreciable magnitude when the variation of the kinetic moments is sufficiently large, the results of the experimental investigation can be readily explained not only in terms of the differences between the operating regimes of the individual gyroscopes, but also by any inaccuracy that might exist in the balancing of the gyrosphere. (D. R. Merkin)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

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Babayeva, Nina Fedorovna, Valentin Mikhaylovich Yerofeyev, Igor' Mikhaylovich Sivokonenko, Yuriy Mikhaylovich Khovanksiy, and Konstantin Nikolayevich Yavlenskiy

Detali i elementy giroskopicheskikh priborov (Parts and Elements of Gyroscopic Devices). Leningrad, Sudpromgiz, 1962. 497 p. Errata slip inserted. 4800 copies printed.

Scientific Eds.: P. P. Koptyayev, Candidate of Technical Sciences, and V. P. Orlov, Engineer; Reviewers: Yu. A. Shcherbakov, Engineer, A. A. Saydov, Doctor of Technical Sciences, and E. I. Sliv, Candidate of Technical Sciences; Ed.: M. I. Nikitina; Tech. Ed.: R. K. Tsal.

PURPOSE: This book is intended for engineers concerned with instrument building and may also be used by students attending instrument-building institutes.

Card 1/4

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4



COVERAGE: The book reviews some problems encountered in designing typical parts and elements of gyroscopic devices: gyromotors, suspension bearings, main bearings, energy transfer devices, correcting and stopping devices, and gyro tracking systems. The authors express their gratitude to Doctor of Technical Sciences V. A. Pavlov and Candidate of Technical Sciences V. V. Khrushchev. There are 114 references: 109 Soviet, 3 German, and 2 English.

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Ch. III. Rolling Friction Bearings 151



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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

Parts and Elements (Cont.) SOV/6070

Ch. IV. Current-Carrying and Pneumatic Apparatus for Feeding Gyroscopic Devices 249

Ch. V. Correcting Devices 264

Ch. VI. Mechanisms Limiting the Freedom of a Gyroscope's Rotation 314

Ch. VII. Stopping [Blocking] Mechanisms 333

Ch. VIII. Data-Gathering Elements of Gyroscopic Devices 347

Ch. IX. Tracking Systems in Gyroscopic Devices 433

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

SOV/6070

Parts and Elements (Cont.)

AVAILABLE: Library of Congress

SUBJECT: Navigation and Guidance

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11-6-62

Card 4/4

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

SALIMOV, M.A.; BABAYEVA, N.L.; KLOKOVA, Ye.I.; MIRMOVSUMOVA, A.M.

Apparatus for visual measurement of light scattering in solutions of polymers. Azerb. khim. zhur. no.2:75-79 '63. (MIRA 16:8)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 14530-66 EWT(m)/EWG(m)/EWP(j)/T WW/DS/RM

ACC NR: AP6005105 SOURCE CODE: UR/0316/65/000/005/0006/0009

AUTHOR: Mekhtiyev, S. D.; Sharifova, S. M.; Smirnova, V. P.; Babayeva, N. L.; Mamedova, Sh. F.

ORG: INKhP AN AzerSSR

TITLE: Investigation of the quantitative isomer composition of mixtures of tere- and isophthalonitriles

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 5, 1965, 6-9

TOPIC TAGS: polarography, phthalonitrile, quantitative analysis

ABSTRACT: In connection with the increased production of phthalonitriles, a need exists for convenient methods of determination of tere- and isophthalonitriles. This work deals with the quantitative polarographic determination of the above isomers. In dropping-mercury-electrode experiments conducted against a 0.05 N LiCl background the basic reduction curves of the two isomers were shown to be of the following type (see Fig. 1):

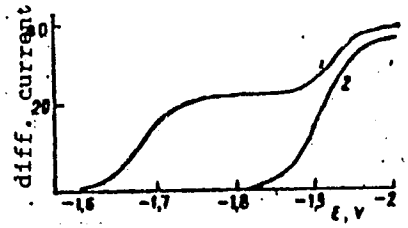


Fig. 1. Polarogram of terephthalonitrile (1) and isophthalonitrile (2) against a background of 0.05 N LiCl, C = 0.26 millimole/liter

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 14530-66

ACC NR: AP6005105

The pronounced plateaus facilitate determination of the diffusion current. The calibration curve was based on the first wave of terephtnalonitrile, since its second wave tends to overlap with the first wave of isophthalonitrile. Quantitative determinations by this method differ by only 2—4% from those obtained by melting point determinations. The two methods are thus mutually verifying. Orig. art. has: 4 figures and 1 table. [VS]

SUB CODE: 07 SUBM DATE: 29Jun65/ ORIG REF: 007/ ATD PRESS: 4198

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BANAYEVA, O. Cand Biol Sci -- "Certain morpho-physiological peculiarities of Saradzha sheep as a function of level ~~in relation to the standard~~ of feeding." Ashkhabad, 1959. (Min of Higher Education USSR. Azerbaydzhan State Univ im S. M. Kirov. Min of Agri[redacted] Turkmen SSR. [redacted] Sci Res Inst of Animal Husbandry and Vet Medicine). (KL, 1-61, 186)



APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

FROLOVA, M.I.; YEFIMOV, L.I.; CHEKMODEYEVA, I.V.; Prinimala uchastiye BABAYEVA, O.A.

Aging of polymethylacrylate organic plastics under the action of ultraviolet light. Plast.massy no.3:38-40 '64.
(MIRA 17:3)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, O.D.

Weight features of the skeleton and muscles of Saradzha lambs as related to the feeding regimen of the ewes. Izv.AN Turk.SSR no.4: 59-61 '59. (MIRA 13:8)

1. Turkmenskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

(Sheep)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

TURCHNIS, M.Ye.; BABAYEVA, O.M.

Piperazine phosphate therapy in enterobiosis. Med.paraz. i paraz.bol. 28 no.4:434-436 Jl-Ag '59. (MIRA 12:12)

1. Iz klinicheskogo otdela Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. - prof. P.G. Sergiyev, zav. otdelom - prof. N.N. Plotnikov).
(ENTEROBIUS infections)
(PIPERAZINES therapy)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

POKIDIN, A.K.; IBRAGIMOVA, B.M.; BABAYEVA, R.S.

Mineralogical characteristics of clays of the Akchagyl stage in the Kura Lowland. Trudy AzNII DN no.10:149-155 '60. (MIRA 14:4)
(Kura Lowland—Clay)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 41221-66 EWT(m) EWP(j)/T IJP(c) RM

ACC NR: AP6023044 (A) SOURCE CODE: UR/0079/66/036/004/0695/0697

AUTHOR: Sadykh-zade, S. I.; Babayeva, R. B.; Salimov, A.

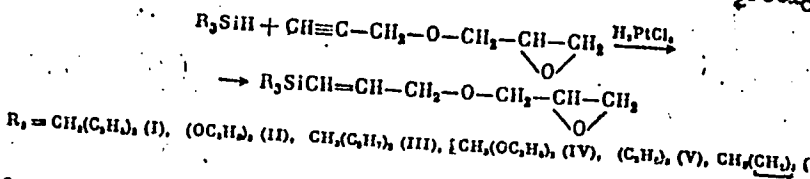
ORG: none

TITLE: Synthesis of unsaturated silicon-containing epoxy compounds

SOURCE: Zhurnal obshchey khimii, v. 36, no. 4, 1966, 695-697

TOPIC TAGS: organosilicon compound, epoxide

ABSTRACT: Unsaturated epoxy derivatives of silicon were synthesized by adding silicon hydrides to glycide propargyl ether in the presence of a 0.1 N $H_2PtCl_6$ solution in isopropyl alcohol:



$R_3 = CH_3(C_2H_5)_2$ (I), $(OC_2H_5)_3$ (II), $CH_3(C_6H_5)_2$ (III), $[CH_3(OC_2H_5)_2]$ (IV), $(C_2H_5)_3$ (V), $CH_3(CH_3)_2$ (VI).

This order of addition was proved by reverse synthesis via the reactions

Card 1/2

UDC: 547.245

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 06461-67 EWP(j)/EWT(m) IJP(c) RM

ACC NR: AP6029337 SOURCE CODE: UR/0316/66/000/002/0038/0043

AUTHOR: Sadykhzade, S. I.; Babayeva, R. B.

ORG: INKhP AN AzerbSSR

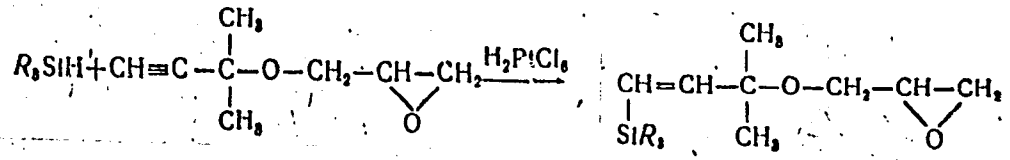
36
13

TITLE: Addition of silicon hydrides to 3,3-dimethyl-3-glycidoxy-1-propyne

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 2, 1966, 38-43

TOPIC TAGS: organosilicon compound, epoxide, propyne, HYDRIDE, CHEMICAL REACTION

ABSTRACT: The reactions of addition of silicon hydrides to derivatives of 3,3-dimethyl-3-glycidoxy-1-propyne were studied. The reaction was



where

Card 1/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 06461-67

ACC NR: AP6029337

$R_3$—$CH_3(C_2H_5)_2$— (I)

$(C_2H_5O)_3$ — (II)

$CH_3(C_2H_5O)_2$— (III)

$CH_3(C_3H_7)_2$— (VI)

$CH_3(CH_2)_4$— (V)

Hence, silicon hydrides add to the olefins studied at the triple bond, in accordance with Farmer's rule. This order of addition was demonstrated by reverse synthesis. The epoxy compounds obtained polymerize readily in the presence of boron etherate, retaining the double bond and opening the oxygen ring. Orig. art. has: 1 table.

SUB CODE: 07/ SUBM DATE: 22Nov65/ ORIG REF: 003

Card 2/2 MLE

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 08709-67 EWT(1) JK
ACC NR: AP6034114 (A,N) SOURCE CODE: UR/0358/66/035/005/0557/0560

19
B

AUTHOR: Babayeva, R. I.

ORG: Uzbek Scientific Research Institute of Experimental Medical Parasitology and Helminthology, Samarkand (Uzbekskiy nauchno-issledovatel'skiy institut eksperimental'noy meditsinskoy parazitologii i gel'mintologii)

TITLE: Survival time of beef tapeworm oncospheres on soil surfaces in Samarkand

SOURCE: Meditsinskaya parazitologiya i parazitarnyye bolezni, v. 35, no. 5, 1966, 557-560

TOPIC TAGS: soil biology, SOIL, animal parasite, beef tapeworm, spore survival time, COMMERCIAL ANIMAL

ABSTRACT: Survival time of beef tapeworm oncospheres on soil surfaces depends on the season of their deposition. Those deposited in the winter survived up to six or seven months, while those deposited in the spring were viable from 1.5—3.5 months, and those deposited in summer survived only a few days. This corresponds with the history of cattle

UDC: 614.77:576.895.1+576.895.121.095.4.095.1(575.1)

Card 1/2

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 08709-67

ACC NR: AP6034114

infestation in this area, in which the greatest danger of infestation occurs from November to May. Orig. art. has: 1 table. [W.A. 50]

SUB CODE: 06/ SUBM DATE: 22Jul65/ ORIG REF: 006

Card 2/2 nst

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

DAIDBEKOVA, E.A.; BABAYEVA, R.S.; GRIGOR'YANTS, Z.G.; KURBANOVA, F.M.; IBRAGIMOVA, B.M.; SHAMAILOVA, O.D.

Granulometric types of rocks and allothigene minerals. Trudy GIN no.115:29-67 '65. (MIRA 18:12)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

GRACHEVA, I.M.; BABAYEVA, S.A.; SOKOLOV, V.P.

Effect of individual amino acids on the formation of higher alcohols in alcohol fermentation. Prikl. biokhim. i mikrobiol. 1 no.5:529-537 S-O '65. (MIRA 18:11)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, S. N.

BABAYEVA, S. N., Dept. Microbiol. II Moscow Med. Inst. and/or Clinical Inst. Inf. Dis.

"Epidemiology of diphtheria," 1945 c S. L. SHAMKO

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, S.N.; PODOL'SKAYA, A.A.

Gamma globulin for the prevention and treatment of whooping cough. Zhur.mikrobiol.epid. i immun. 27 no.4:7-12 Ap '56. (MLRA 9:7)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.
(GAMMA GLOBULIN, ther. use
whooping cough prev. & ther.)
(WHOOPING COUGH, prev. & control
gamma globulin)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

TARASOV, Yu.V.; BABAYEVA, S.T.; KOKURINA, A.B.

Semiautomatic instrument for titration with Fischer's reagent. Lakokras.mat. i ikh prim. no.2:72-74 '61. (MIRA 14:4)
(Titration)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, T.N.

Physiology of mineral nutrition in the cotton plant. Trudy Otd. fiziol. i biofiz. rast. AN Tadzh. SSSR no.3:41-47 '63.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 43105-65

ACCESSION NR. AR5008614 S/0299/65/000/004/G000/G000

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 4G63

AUTHOR: Babayeva, T. N.

TITLE: The indices of photosynthetic productivity of cotton in relation to its N and P nutrition

CITED SOURCE: Izv. AN TadzhSSR. Otd. biol. n., no. 1(15), 1964, 43-51

TOPIC TAGS photosynthesis, photosynthe[illegible]

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

TRANSLATION: 108-F cotton plants were grown on dark sierozem in pots either without the addition of fertilizer or with the addition of superphosphate, superphosphate plus

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

L 43105-65
ACCESSION NR: AR5008614

determining the productivity of cotton is played by the intensity of photosynthesis. Simultaneous application of N and P fertilizers [illegible]

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

SUB CODE: LS ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

AKHMEDLI, M.K.; BABAYEVA, T.R.; IMAMVERDIYEVA, F.B.

Study of isosbestic points of certain organic reagents. Azerb. khim. zhur. no.1:104-113 '65. (MIRA 18:7)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. S.M.Kirova.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

ISABAYEVA, V. H

ZEYNALLY, M.I.; SHAPIRO, B.A.; BABAYEVA, V.A.; KUZINA, V.V.; KUZNETSOVA, V.G.

Some results of flooding the Kirmaki 11 horizon in the southern depressed section of the Buzovny oil fields. Azerb.neft.khoz. 35 no.10:13-16 O '56. (MLRA 10:1)

(Buzovny--Oil filed flooding)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

VEKILOVA, F.I.; EFENDIYEV, Ya.G.; BABAYEVA, V.A.; GALZHIYEVA, E.K.

Cobalt and nickel content in pyroxenites. Dokl. AN Azerb. SSR 20 no.7:29-33 '64. (MIRA 17:11)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN AzerSSR M.A. Kashkayem.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, V. A.

BABAYEVA, V. A. -- "The Morpholy of Plexus Solaris Ganglia of Human Embryos and Fetuses." (Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institui-ons)(29) Samarkand State Medical Inst imeni I. P. Pavlov, Samarhand, 1955

SO: Knizhnaya Letopis' No 29, 16 July 1955

* For the Degree of Candidate in Medical Sciences

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

KARAYEV, A.I.; BARAYEVA, V.A.

Effect of electronarcotic sleep on the phagocytic activity of leucocytes [in Azerbaijani with summary in Russian]. Dokl.AN Azerb. SSR 12 no.10:717-722 '56. (MLRA 10:1)
(Phagocytosis) (Electric anesthesia)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, V.A.

Morphology of the splanchnic nerves in the human embryo and fetus. Med.zhur.Uzb. no.1:64-65 Ja '59. (MIRA 13:2)

1. Iz kafedry normal'noy anatomii (zaveduyushchiy - prof. M.N. Khalkuziyev) Samarkandskogo gosudarstvennogo meditsinskogo instituta imeni I.P. Pavlova.
(NERVES, SPLANCHNIC) (EMBRYOLOGY, HUMAN)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4

BABAYEVA, V.A., dotsent; SAATOV, M.S., assistent

Anomalies of the ureters in fetuses and newborns. Med. zhur. Uzb. no.2:46-48 F '60. (MIRA 15:2)

1. Iz kafedry normal'noy anatomii (zav. - prof. I.G.Mardershteyn) Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(URETERS--ABNORMITIES AND DEFORMITIES)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102820004-4"