"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

LI CHI-FA [Li Ch' ih-fa]; MOROZOV, I.S.

Interaction of tin chloride with chlorides of rare earth metals, iron, and sodium. Zhur.neorg.khim. 7 no.12:2765-2770 D '62. (MIRA 16:2)

(Chlorides) (Fused salts) (Crystallization)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, I.S.; LIPATOVA, N.P.; SIMONICH, A.T.

Thermal and tensimetric studies of the system $NbCl_5$ - $ZrCl_4$ - KCL. Zhur.neorg.khim. 8 no.1:172-176 Ja '63. (MIRA 16:5)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR.
(Chlorides) (Thermal analysis) (Vapor pressure)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

S/078/63/008/003/008/020
B117/B186

AUTHORS: Morozov, I. S., Li Ch'ih-fa

TITLE: Heat resistance of alkali-metal and ammonium hexachloro stannates

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 651-654

TEXT: The heat resistance of hexachloro stannates formed by reacting tin chloride with group Ia and ammonium chlorides was studied by tensimetric and thermographic methods. The heat resistance of alkali-metal hexachloro stannates depends on the ionic radius, and decreases in the following order: $Cs_2SnCl_6 > Rb_2SnCl_6 > K_2SnCl_6$. The thermodynamic values were found for their decomposition are:

Compound	Decomposition temperature, °C (measured)	(analyzed)	ΔH cal/mole	ΔS cal/mole	ΔF cal/mole
K_2SnCl_6	624	586	33400	37.2	33400-37.2T
Rb_2SnCl_6	775	706	32600	31.1	32600-31.1T
Cs_2SnCl_6	804	732	52800	49.0	52800-49.0T

Card 1/2

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Results for $(NH_4)_2SnCl_6$, which sublimes without decomposing: sublimation temperature 412°C; $\Delta H_{subl.}$ = 29300 cal/mole; $\Delta S_{subl.}$ = 42.8 cal/mole; $\Delta F_{subl.}$ = 29300 - 42.8T cal/mole. There are 1 figure and 2 tables.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N.S. Kurnakov of the Academy of Sciences USSR)

SUBMITTED: May 28, 1962

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

S/078/63/008/003/014/020
B117/B186

AUTHORS: Li Ch'ih-fa, Morozov, I. S.

TITLE: Thermal and tensimetric study of systems formed by tin chloride with alkali-metal and ammonium chlorides

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 708-711

TEXT: The systems $SnCl_2$ - KCl, $SnCl_2$ - RbCl, $SnCl_2$ - CsCl, and $SnCl_2$ - NH_4Cl were studied. The phase diagrams for the first three agreed with published data except for the following divergences: a eutectic is formed in $SnCl_2$ - KCl by $SnCl_2 \cdot KCl$ and KCl (52.6 mole%); $SnCl_2$ - RbCl contains an incongruently melting compound $SnCl_2 \cdot 2RbCl$ undergoing polymorphic conversion at 237°C. Tin chloride and ammonium chloride form three chemical compounds: congruently melting $2SnCl \cdot NH_4Cl$ at 188°C and $SnCl_2 \cdot NH_4Cl$ at 206°C, and incongruently melting $SnCl_2 \cdot 3NH_4Cl$ undergoing polymorphic conversions at 154, 200, and 246°C.

Card 1/3

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The system has a peritectic at 295°C containing 67 mole% NH_4Cl, and three eutectics of m.p. 172°C (19 mole% NH_4Cl), 173°C (42 mole% NH_4Cl), and 200°C (56 mole% NH_4Cl). A tensimetric analysis of complex compounds between tin chloride and alkali-metal chlorides showed that their heats of resistance decrease in the following order: $SnCl_2 \cdot CsCl > SnCl_2 \cdot RbCl > 2SnCl_2 \cdot KCl > 2SnCl_2 \cdot RbCl > 3SnCl_2 \cdot KCl$. The following results are given:

Compound	m.p., °C	decomp.point, °C	H_{decomp}, cal/mole	S_{decomp}, cal/mole,deg	F_{decomp}, cal/mole
$2SnCl_2 \cdot KCl$	218	721	23200	23.4	23200-23.4T
$2SnCl_2 \cdot RbCl$	223	757	22300	21.7	22300-21.7T
$SnCl_2 \cdot KCl$	225	902	21200	18.0	21200-18.0T
$SnCl_2 \cdot RbCl$	218	961	20100	16.3	20100-16.3T
$SnCl_2 \cdot CsCl$	383	1039	20400	15.6	20400-15.6T

There are 5 figures and 2 tables.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

Thermal and tensimetric study of ...

S/078/63/008/003/014/020
B117/B186

SUBMITTED: June 6, 1962

Card 3/3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

[illegible]

System [illegible] - $MgCl_2$ - KCl. [illegible] neorg. khim. [illegible]-2208
S '64. [illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 16674-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP4048306 S/0078/64/009/011/2606/2612

AUTHOR: Morozov, I. S.; Shevtsova, Z. N.; Li, Chih-fa

B

TITLE: Reaction of yttrium chloride with the chlorides of certain metals

27,27

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 11, 1964, 2606-2612

TOPIC TAGS: yttrium chloride, phase diagram, yttrium chloride metal chloride

ABSTRACT: Binary systems of YCl_3 with chlorides of Na, K, Ca, Mg, Fe and Sn were subjected to thermal analysis and phase diagrams were contructed (figs. 1-6). The compound Na_3YCl_6, melting incongruently at 552C was found in the YCl-NaCl system. K_3YCl_6, melting congruently at 749C and $KCl \cdot 3YCl_3$, melting incongruently at 550C were formed. The YCl_3-$FeCl_2$ system formed limited solid solutions and the compound $FeYCl_5$ which had a polymorphic transition at 360C. Phase diagrams were also constructed for the ternary systems YCl_3-$CaCl_2$-NaCl and YCl_3-$MgCl_2$-KCl (fig. 7 and 8) and the limits of the fields of primary crystallization were determined. Orig. art. has: 8 figures and 8 tables

Card 1/7

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 16674-65

ACCESSION NR: AP4048306

ASSOCIATION: None

SUBMITTED: 20Jun61 ENCL: 05

SUB CODE: IC, GC NO REF SOV: 008 OTHER: 002

Card 2/7

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 16674-65
ACCESSION NR: AP4048306

ENCLOSURE: 01

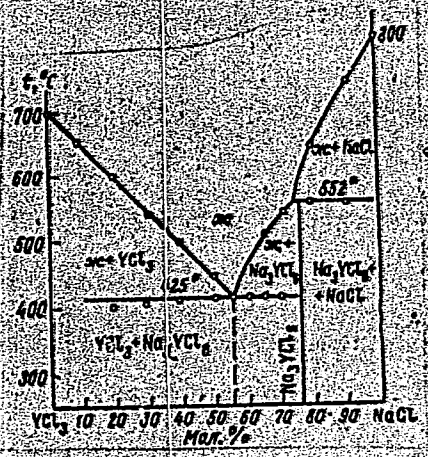

fig. 1

phase diagram of the YCl_3-NaCl system

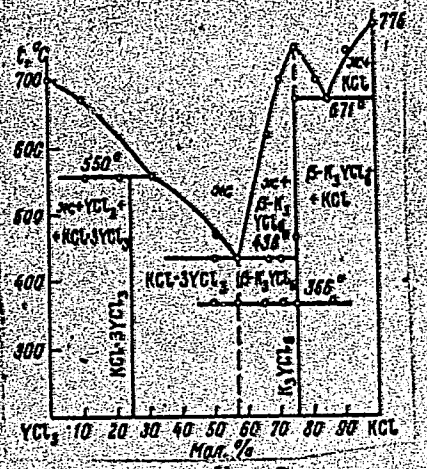

fig. 2

phase diagram of the YCl_3-KCl system

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 16674-65

ACCESSION NR: AP4048306

ENCLOSURE: 02

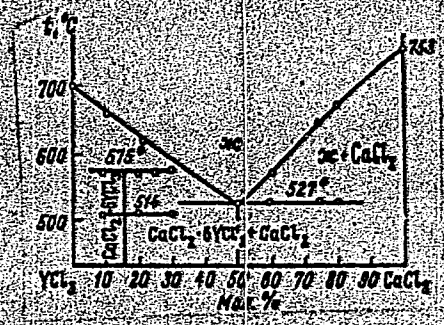

fig. 3
phase diagram of the YCl_3-$CaCl_2$ system

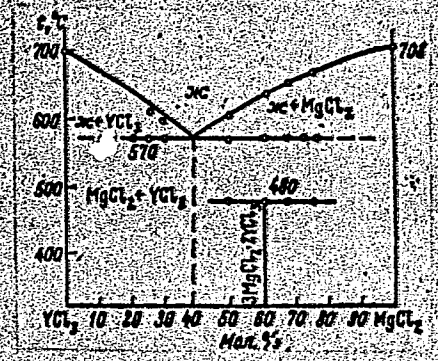

fig. 4
phase diagram of the YCl_3-$MgCl_2$ system

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L 16674-65
ACCESSION NR: AP4048306

ENCLOSURE: 03

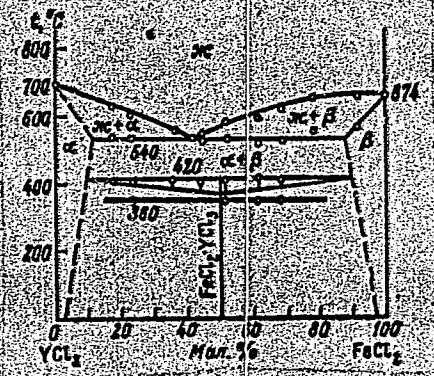

fig. 5
phase diagram of the YCl_3-$FeCl_2$ system

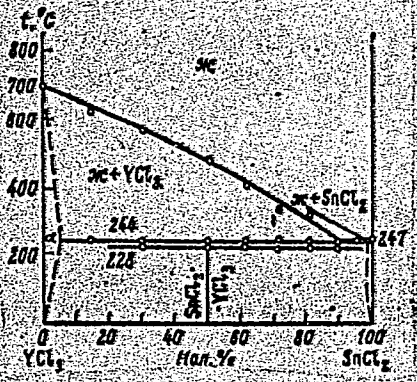

fig. 6
phase diagram of the YCl_3-$SnCl_2$ system

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 16674-65

ACCESSION NR: AP4048306

ENCLOSURE: 04

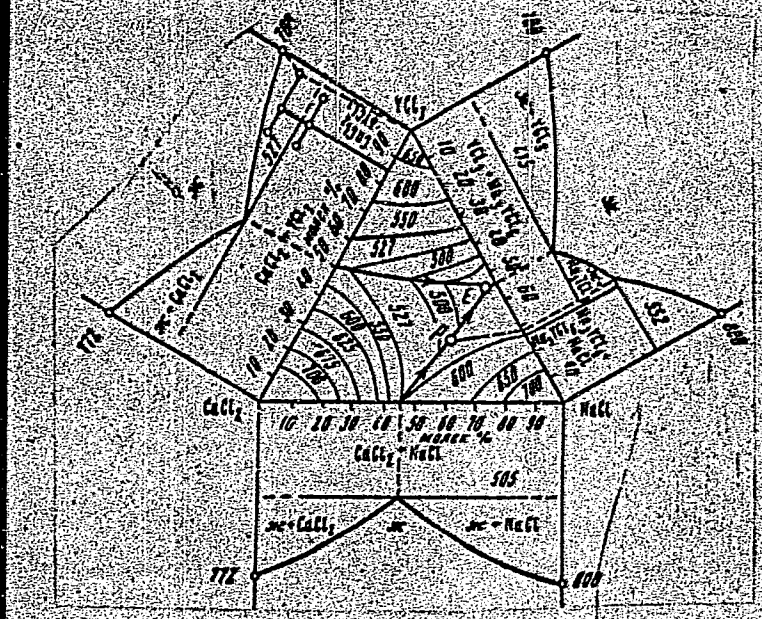

fig. 7

phase diagram of the YCl_3-$CaCl_2$-NaCl system

Card 6/7

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L 16674-65

ACCESSION NR: AP4048306

ENCLOSURE: 05

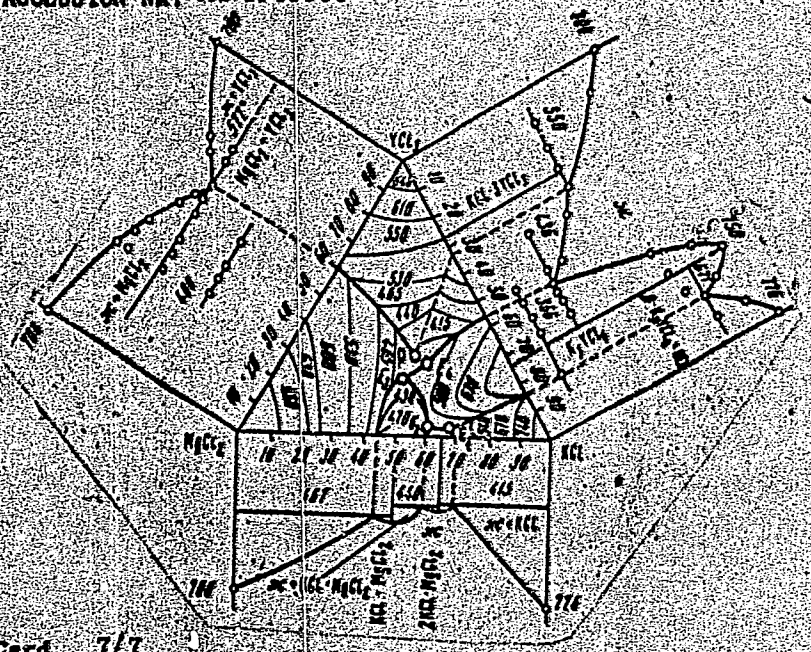

fig. 8

Phase diagram of the YCl_3-$MgCl_2$-KCl system

Card 7/7

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, I.S.; STEFANYUK, S.I.

Kinetics of the chlorination of [illegible] amite concentrated. Zhur. prikl. khim. [illegible]

[illegible]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

LIPATOVA, N.F.; MOROZOV, I.S.

Compounds of niobium oxychloride with alkali metal chlorides and ammonium chloride. Zhur. neorg. khim. 1[illegible] no.[illegible]:2[illegible]-2[illegible] F '65. (MIRA 18:11)

1. Submitted Oct. 1[illegible], 1963.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

STEFANYUK, S.L.; MOROZOV, I.S.

Kinetics and the mechanism of chlorination of minerals (loparite, pyrochlore, zircon, and euxenite). Zhur. prikl. khim. 38 no.4: 729-735 Ap '65. (MIRA 18:6)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOSCOW, USSR, 1978.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, I.V., inzh.

Electrical section [illegible] plant. Elek. sta 36 no.4:45-49 [illegible] (MIRA [illegible])

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

[illegible], Vili Aleksandrovich, [illegible] V, I.V., red.

[illegible] elf-stabilizing [illegible] Samostabilizirua-
[illegible]shchiesia tranzistornye [illegible], Leningrad, [illegible]
(Leningradskii [illegible] heskoi propagandy. [illegible]
[illegible] elementy [illegible], [illegible])
[illegible]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

LIPSHTEYN, E.L.; MOROZOV, K.A.

Operating diesels on boiler fuel oil. Energ.biul. no.2:25-27 F '56. (MLRA 9:5)

(Diesel fuels)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

GENKIN, K.I.; MOROZOV, K.A.

Highly efficient gas engine with a torch igniter for compressor stations on gas pipelines. Gaz. prom. 6 no.3:29-34 '61. (MIRA 14:3)

(Gas and oil engines) (Gas, Natural—Pipelines)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

GENKIN, K.I., doktor tekhn.nauk; MOROZOV, K.A., kand.tekhn.nauk; SYUN' SHAN'-I [Hsün Shan-i], inzh.; EFENDIYEV, V.S., inzh. Prinimali uchastiye: ROZENBAUM, V.M.; BELIKOV, A.I.

Performance of a gas diesel engine developed on the basis of the 2D-100 two-stroke diesel design. Energomashinostroenie 7 no.8:9-11 Ag '61. (MIRA 14:10)

(Gas and oil engines)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A.

Certain characteristics of regulating the mixture composition in the forechamber of a two-stroke gas engine. Trudy Inst. dvig. no.6:118-125 '62. (MIRA 16:5)
(Gas and oil engines--Fuel systems)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

KISELEV, I.M.; ROZHNOV, N.I.; MOROZOV, K.A.

Making a hard facing ribbon directly from liquid metal. Met. i gornorud. prom. no.3:79-80 My-Je '65. (MIRA 18:11)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 44220-66 EWT(d)/EWT(m)/EWP(f)/T-2

ACC NR: AP6019753 (A) SOURCE CODE: UR/0113/66/000/006/0001/0004

AUTHOR: Morozov, K. A. (Candidate of technical sciences); Chernyak, B. Ya. (Candidate of technical sciences)

37

ORG: Moscow Automobile and Highway Institute (Moskovskiy avtomobil'no-dorozhnyy institut)

B

TITLE: Power-characteristics improvement in carburetor engines by tuning the exhaust systems

SOURCE: Avtomobil'naya promyshlennost', no. 6, 1966, 1-4

TOPIC TAGS: engine exhaust system, ~~vehicle engineering, automotive industry~~ piston engine

ABSTRACT: Exhaust systems as a factor affecting the power of automobile engines are discussed. Exhaust-system tests on serial-production engines of the Fiat 1500, BMW 1500, on experimental four-cylinder engines from the Gorkiy Automobile Plant, and on engines from the Moscow Compact Automobile Plant showed that the use of vibratory processes in exhaust systems improve gas exchange and increase volumetric efficiency. A paired exhaust system increases engine power 5 to 6%. Power increase depends upon the length of the divided exhaust line. In compact automobiles the divided exhaust system will improve economy even without a muffler. Orig. art. has: 6 figures. [WH]

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 1/1 MT

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A., kand.med.nauk

Reaction of the arterial vessels in elderly persons. Trudy LIETIN no.4:71-86 '60. (MIRA 16:2)
(GERIATRICS) (ARTERIES) (REFLEXES)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

SIROKO, I.A., mayor meditsinskoy sluzhby, kand. med. nauk; SHANTARENKO, I.V., podpolkovnik meditsinskoy sluzhby; MOROZOV, K.A., podpolkovnik meditsinskoy sluzhby; CHERNUKHINA, V.F., mayor meditsinskoy sluzhby; KODES, A.M.

Improvement in the method for the isolation and identification of dysentery bacteria. Voen.-med. zhur. no.5:61-64 My '60. (MIRA 13:7)

(SHIGELLA PARADYSENTERIAE)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A.

Hemodynamics in aged subjects. Terap.arkh. 32 no.9:28-32 '60. (MIRA 14:1)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki, laureat Stalinskoy premii prof. N.N. Savitskiy) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(BLOOD—CIRCULATION) (AGED)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

SHURA-BURA, B. L., polkovnik meditsinskoy sluzhby, prof.; KRASNOV, M. D., polkovnik meditsinskoy sluzhby; MOROZOV, K. A., podpolkovnik meditsinskoy sluzhby

Organization of the work of clinics for intestinal infections in the army. Voen.-med. zhur. no.12:39-41 D '61. (MIRA 15:7)

(DYSENTERY) (MEDICINE, MILITARY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A.; dotsent

Functional state of the myocardium in elderly and old subjects. Kardiologiia 2 no.4:52-58 Jl-Ag '62. (MIRA 15:9)

1. Iz kafedry propedevtiki vnutrennikh bolezney (nachal'nik - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki laureat Gosudarstvennoy premii prof. N.N.Savitskiy) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(HEART--MUSCLE) (GERIATRICS)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A.

Significance of the rate of pulse wave movement in the diagnosis of atherosclerosis. Kardiologiia 4 no.6:84 N-D '64. (MIRA 18:8)

1. Kafedra propedevtiki vnutrennikh bolezney s kursom fizioterapii i kurortologii (nachal'nik - prof. P.A.Sorokin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova, Leningrad.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.A.

Study of the mechanical properties of twisted reinforcement. Trudy Un.druzh.nar. 6 Stroi. no.1:3-17 '64.

Strain-hardened steels for concrete reinforcement. Ibid.:34-62 (MIRA 18:10)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.D

DUL'KIN, I.A., inzhener; MOROZOV, K.D., inzhener.

Restoration of copper wire and metal economy in the Moscow trolley bus repair plant. Gor.khoz.Mosk.28 no.2:39-40 F '54. (MLRA 7:5)
(Electric wire) (Trolley buses--Repairing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

SKUNDIN, G.I.; DOBROKHLEBOV, A.P.; MOROZOV, K.G.

Field investigation of stresses in the transmission of the DT-75 tractor. Trakt. i sel'khozmash. 33 no.2:11-15 F '63. (MIRA 16:3)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy institut.

(Tractors—Transmission devices)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

BYKHOVSKIY, M.L., doktor tekhn.nauk; BADULIN, S.S., kand.tekhn.nauk
MOROZOV, K.K., inzh.; SOLBNEV, A.V., inzh.; TRET'YAKOVA, N.I.,
inzh.

Investigating the precision of amplifiers of intermediate frequency. Nauch.dokl.vys.shkoly; mash.i prib. no.2:162-173 '58. (MIRA 12:10)

1. Predstavleno Moskovskim vysshim tekhnicheskim uchilishchem im. Baumana.
(Amplifiers, Electron tube--Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

9(2) SOV/159-58-3-27/31

AUTHORS: Bykhovskiy, M.L., Badulin, S.S., Morozov, K.K., Sgibnev, A.V., and Tret'yakova, N.I.

TITLE: An Investigation of the Accuracy of Intermediate Frequency Amplifiers

PERIODICAL: Nauchnyye doklady vysshey shkoly, Mashinostroyeniye i priborostroyeniye, 1958, Nr 3, pp 190-196 (USSR)

ABSTRACT: This is Part II of a paper of which Part I was published in the preceding number of subject periodical. In this part, the authors present the experimental determination of influence coefficients by the method of converted circuits. Figure 1 shows two graphs of the IF amplifier of the TV set "Start". Figure 2 shows the apparatus used for the experimental determination of the influence coefficients, consisting of a tube voltmeter LB-9, generator GSS-6 and oscillograph EO-7 for determing the phase by means of Lissajou figures. The final chapter is devoted to methods of adjusting and tuning IF amplifier stages. The authors then summarize the results of their investigations

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SOV/159-58-3-27/31

An Investigation of the Accuracy of Intermediate Frequency Amplifiers

1) The basic conceptions were formulated for obtaining formulae for calculating the accuracy of intermediate frequency amplifiers, especially for determining the error in the amplitude-frequency characteristic, the irregularity error of the amplification factor and the phase errors of amplifiers. 2) Experimental methods for investigating and calculating of the IF amplifier accuracy. 3) Graphs were presented for influence coefficients. 4) The accuracy of amplifiers was analyzed. 5) Methods for tuning IF amplifiers were developed and equations were obtained describing the tuning processes. The theory developed in this paper and the methods are illustrated by typified IF amplifier networks. For other networks the calculation results and the analyses will be different. However, the formulae explained in this paper may be used in an analogueous manner without great difficulty for other networks, for example, amplifier stages

Card 2/3

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SOV/159-58-3-27/31

An Investigation of the Accuracy of Intermediate Frequency Amplifiers

with grounded grids, etc. There are 1 photograph, 2 graphs and 1 table.

This article was presented by the Kafedra "M-1" Moskovskogo vysshego tekhnicheskogo uchilishcha imeni Baumana (Chair "M-1" of the Moscow Higher Technical School imeni Bauman)

SUBMITTED: February 7, 1958

Card 3/3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

BYKHOVSKIY, M.L.; BADULIN, S.S.; MOROZOV, K.K.; SOLBNEV, A.V.; TRET'YAKOVA, N.I.

Investigating the precision of discriminators. Nauch. dokl. vys. shkoly; mash. i prib. no.2:201-220 '59. (MIRA 12:12)
(Radio frequency modulation)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, Konstantin Pavlovich; PUSHKAREV, B.A., retsenzent; KOLOVANOV, A.N., retsenzent; ALEKSEYEV, N.P., redaktor; PUTERMAN, Ye.I., redaktor izdatel'stva; BACHURINA, A.M., tekhnicheskiy redaktor

[Repair of machines and mechanisms used in woodworking industries] Remont mashin i mekhanizmov na lesozagotovitel'nykh predpriiatiiakh. Moskva, Goslesbumizdat, 1957. 339 p. (MLRA 10:10)
(Woodworking machinery--Maintenance and repair)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

GORBACHEVSKIY, Viktor Andreyevich; LESHKEVICH, Andrey Ivanovich; MIKHAYLOVSKIY, Yuriy Vsevolodovich; SHESTAKOV, Boris Aleksandrovich; MEDNIKOV, I.N., retsenzent; MOROZOV, K.P., retsenzent; KHASMAN, P.Ya., otv. red.; PLESKO, Ye.P., red.; GRECHISHCHEVA, Z.I., tekhn. red.

[Fundamentals of lumbering and the operation of machines and mechanisms] Osnovy lesozagotovok i ekspluatatsiia mashin i mekhanizmov. V.A.Gorbachevskii i dr. Moskva, Goslesbumizdat, 1961. 319 p. (MIRA 15:2)

(Lumbering—Machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.P.; SHIKIN, S.S.; SAKHIBOV, Sh.D.

Using volt-ampere characteristics in measuring reactive power consumed by the network. Izv.AN Uz.SSR. Ser.tekh.nauk no.4:16-23 '62. (MIRA 15:7)

1. Institut energetiki i avtomatiki AN UzSSR.
(Electric measurements)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.P.; ASKARKHODZHAYEV, S.A.

Network for measuring active corona losses using an electrodynamic wattmeter. Izv. AN Uz. SSR. Ser. tekh. nauk 7 n.3:16-24 '63. (MIRA 16:6)

1. Institut energetiki i avtomatiki AN UzSSR.
(Electric power distribution)
(Corona (Electricity)--Measurement)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, K.P.; ASKARKHODZHAYEV, S.

Study of corona losses in an experimental span of an overhead power transmission line in the climate of Tashkent. Izv. AN Uz. SSR. Ser. tekh. nauk 8 no.1:16-22 '64. (MIRA 17:6)

1. Institut energetiki i avtomatiki Goskomiteta po energetike i elektrifikatsii SSSR.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

L 57744-65 EWG(j)/EWG(r)/EWT(1)/FS(v)-3/EWG(v)/EWG(a)-2/EWG(c) Pe-5 DD

ACCESSION NR: AP5016784 UR/0286/65/000/010/0117/0118
629.13.01/06

36
B

AUTHOR: Yefremov, Ye. T.; Petkus, G. V.; Morozov, K. S.

TITLE: Parachute. Class 62, No. 171274

SOURCE: Byulleten izobreteniy i tovarnykh znakov, no. 10, 1965, 117-118

TOPIC TAGS: parachute, shroud line, canopy

ABSTRACT: An Author Certificate has been issued for a parachute with a canopy in the form of an annular hoop (see Fig. 1 of the Enclosure). To increase the drag coefficient and stability, the parachute is provided with a small hemispherical canopy. The shroud lines of this canopy are brought into an eye ring which is fastened to the central shroud line. The outer edge is connected to the inner edge by four mutually perpendicular shroud lines. Orig. art. has: 1 figure. [WH]

ASSOCIATION: none

SUBMITTED: 04Jan55 ENCL: 01 SUB CODE: AC

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4040

Card 1/2

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ACCESSION NR: AP5016784

ENCLOSURE: 01

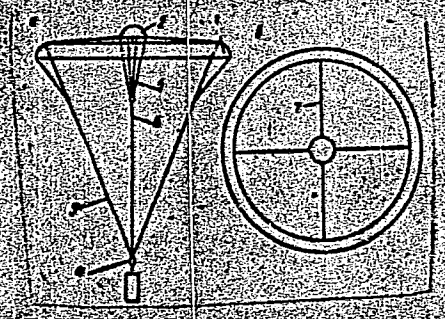

Fig. 1. Parachute

1 - Equatorial belt (annular hoop); 2 - small central hemispherical canopy; 3 - small shroud lines, divided at the upper ends; 4 - eye ring; 5 - auxiliary shroud lines of the hemispherical canopy; 6 - central shroud line; 7 - radial shroud lines.

Card 2/2

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, M.P.; ATRUSHKEVICH, L.G.; GUTOROV, V.G.; KONDRASHOV, A.M.; MOROZOV, K.S.; NIKITENKO, I.S.; TATARENKO, V.A.; USHAKOV, P.N.; ZHILYAYEV, A.V., otv.red.; VOLKOVA, V.A., red.izd-va; IL'INSKAYA, G.M., tekhn.red.

[Regulations for the construction and safe operation of steam boilers and air tanks in industrial locomotives] Pravila ustroistva i bezopasnoi ekspluatatsii parovykh kotlov i vozdushnykh rezervuarov parovozov promyshlennykh predpriiatii. Obiazatel'ny dlia vsekh ministerstv, vedomstv i sovnarkhozov. Moskva, Ugletekhizdat, 1958. 25 p. (MIRA 12:7)

1. Russia (1917- R.S.F.S.R.) Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Locomotives)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

GREYSUKH, M.V.; YERMILOV, A.A.; ZALESSKIY, Yu.Ye.; KAZYMOV, A.A.; KATSEVICH, L.S.; KIRPA, I.I.; KIREYEV, M.I.; KNYAZEVSKIY, B.A.; KOFMAN, K.D.; KRZHAVANIK, L.V.; KUZNETSOV, P.V.; MOROZOV, K.S.; RAKOVICH, I.I.; RYABOV, M.S.; SVENCHANSKIY, A.D.; SOKOLOV, M.M.; SYCHEV, L.I.; TVERDIN, L.M.; KHEYFITS, M.E.; SHULIMOV, Ye.V.; EPSHTEYN, L.M.; SHCHEGOL'KOV, Ye.I.; TSAPENKO, Ye.F.; FEDOROV, A.A., glav. red.; SERBINOVSKIY, G.V., red.; BOL'SHAM, Ya.M., red.; BRANDENBURGSKAYA, E.Ya., red.; TVERDIN, L.M., red.; FRIDKIN, L.M., tekhn. red.

[Handbook for power engineers of industrial enterprises in four volumes] Spravochnik energetika promyshlennykh predpriiatii v chetyrekh tomakh. Moskva, Gosenergoizdat. Vol.2. [Electric-power supply (conclusion), use of electric power and electrical equipment in some branches of industry] Elektrosnabzhenie (okonchanie), priemniki elektroenergii i elektrooborudovanie nekotorykh otraslei promyshlennosti. Pod obshchei red. A.A.Fedorova (glav. red.), G.V.Serbinovskogo i IA.M.Bol'shama. 1963. 880 p. (MIRA 16:7)

(Power engineering—Handbooks, manuals, etc.)
(Electric power distribution)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

CHUMAKOV M.P. [illegible] ZAKLINSKAYA, V.A.; YASIN A.Ya. [illegible], K.V.

Rate of antibody accumulation in patients during the early period following vaccination and revaccination against tick-borne encephalitis. Vop. virus. 9 no.5:601-604 S-O '64. (MIRA 18:6)

1. Institut poliomiyelita i virusnykh entsefalitov AMN SSSR i kafedra epidemiologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova, Moskva.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

ACC NR: AM5000929 (N) Monograph UR/

Verin, Petr Nikitich; Morozov, Konstantin Vasil'yevich

Rocket weapons of antiaircraft defense on the sea (Raketnoye oruzhiye protivovozdushnoy oborony na more) Moscow, Voyenizdat, 1964. 145 p. illus., biblio. 4300 copies printed.

TOPIC TAGS: missile, missile control center, missile guidance system, missile telemetry, antimissile missile, antiship missile, antisubmarine missile, underwater to air missile

PURPOSE AND COVERAGE: The book is published as literature for the Soviet armed forces and to inform the general public on the use of rocketry in the antiaircraft defense of naval bases and ships at sea. It describes in general terms the electronic instruments used on ships and by air-defense forces, guidance and control systems, missiles used in the defense of ships at sea and by the air-defense forces of naval bases, missile launching systems used on surface ships and submarines as well as on the ground in the defense of naval bases and antimissile-missile and so-called anti-global-rockets defense systems. The book based on Soviet and non-Soviet literature, contains 57 figures.

Card 1/2

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

ACC NR: AM5000929

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Guided missiles for aerial combat -- 104

Ch.III. Combat organization against an aerial and space enemy -- 111
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SUB CODE: 16/ SUBM DATE: 30Mar64/ ORIG REF: 008/ OTH REF: 003/

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

NEVSKIY, Nikolay Alekseyevich, kapitan 1 ranga. Prinimali uchastiye: KULINICH, D.D., inzh.-kapitan 1 ranga; RODIONOV, A.I., kontr-admiral; OLEHEV, K.I., general-mayor aviatsii; IGNAT'YEV, N.M., kapitan 1 ranga; BARCHENKOV, S.A., inzh.-kapitan 1 ranga; KRYSIN, P.F., inzh.-kapitan 1 ranga; BASOV, A.V., kapitan 2 ranga; BOSOV, P.I., inzh.-kapitan 2 ranga; MOROZOV, K.V., inzh.-podpolkovnik; PUZANOV, N.P., inzh.-podpolkovnik. MEDNIKOVA, A.N., tekhn.red.

[The Navy] Voenno-morskoi flot. Moskva, Voen.izd-vo M-va obor. SSSR, 1959. 328 p. (MIRA 12:6)
(Russia--Navy)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, Konstantin Vasil'yevich; SOLOV'YEV, D.I., red.; ZUDINA, M.P., tekhn.red.

[Antiaircraft defense systems on ships] Korabel'nye sredstva protivovozdushnoi oborony. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 119 p. (MIRA 14:3)
(Warships) (Antiaircraft artillery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, Konstantin Vasil'yevich, inzh.-polkovnik; KISELEV, S.P., red.; SOKOLOVA, G.F., tekhn. red.

[Wingless rockets] Beskrylye rakety. Moskva, Voenizdat, 1962. 77 p. (MIRA 16:1)

(Rockets (Ordnance))

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

VE[illegible], Petr Nikitich; [illegible], Konstantin [illegible]; [illegible], [illegible]A., red.

[illegible] weap[illegible] of [illegible] [illegible] more. [illegible], Voenizdat, [illegible]. [illegible] p. [illegible]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

ACC NR: AM6032826 Monograph UR/

Morozov, Konstantin Vasil'yevich

Space weapons (Kosmicheskoye oruzhiye) Moscow. Izd-vo DOSAAF, 1966. 52 p. illus. 37,500 copies printed.

TOPIC TAGS: military spacecraft, reconnaissance spacecraft, interceptor spacecraft, space warfare, space weapon

PURPOSE AND COVERAGE: This booklet, designed to acquaint the general reader with modern developments in the conquest of space, discusses space weaponry and stresses the leading role of the Soviet Union in the study of outer space. The booklet is based on materials published in the foreign and domestic open press. This popularly written book contains no new vital information.

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Spacecraft of the world for studying the universe -- 40

SUB CODE: 22,15,19/ SUBM DATE: 06Apr66/

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, L.

Testing the watertightness of tanker compartments by means of compressed air; Odessa Ship Repair Yard No.1. Inform.sbor.TSNIIMF no.26:34-36 '58. (MIRA 13:4)

1. Odesskiy sudoremontnyy zavod No.1.
(Odessa--Shipyards)
(Tank vessels--Maintenance and repair)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, L.A., st. nauchnyy sotrudnik

[Technological diagrams on the construction and restauration of ZIS-5 (21) automobile parts] Tekhnologicheskie karty po izgotovleniiu i restavratsii detalei avtomobilia ZIS-5 (21). Sostavil L.A.Morozov. Moskva, Goslestekhizdat, 1944. 55 p. [Microfilm] (MLRA 7:10)

1. Moscwo. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetika lesnoy promyshlennosti.
(Automobiles)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, L.A.; CHISTYAKOV, Yu.V.; PRASOLOV, B.A.; ZABOLOTSKAYA, N.A., KOMOV, S.I., redaktor; KUDRYAVTSEVA, L.K., tekhnicheskiy redaktor.

[Operation of the S-80 tractor] Ekspluatatsiia traktora S-80. Moskva, Goslesbumizdat, 1951. 226 p. (MLRA 8:1)
(Tractors)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, L.A., inzh.; PRASOLOV, B.A., inzh.; CHISTYAKOV, Yu.V., inzh.; FERBERG, B.S., red.; STREMOUSOV, V.N., tekhn. red.

[Album of fixtures and tools for the assembly and disassembly of the "Stalinets-80" tractor] Al'bom prisposoblenii i instrumenta dlia sborki i razborki traktora "Stalinets-80." Moskva, Goslesbumizdat, 1951. 86 p. (MIRA 16:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesozagotovk.
(Tractors--Maintenance and repair)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

Morozov, L. A.

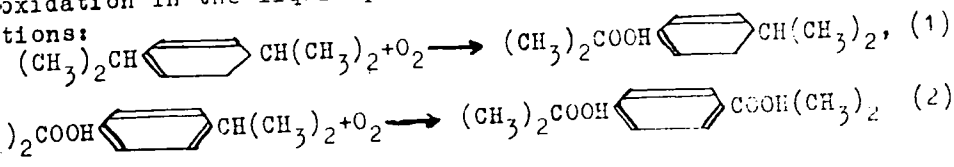
[illegible]-28/60

AUTHORS: Topchiev, A. V., Academician, Bayev, I. F., Morozov, L. A.

TITLE: The Synthesis of the Mono- and Di-Hydroperoxide of p-Diisopropyl-Benzene (Sintez mono- i digidroperekisi p-diizopropilbenzola)

PERIODICAL: Doklady AN SSSR, 1958, Vol. 118, Nr 2, pp. 306 - 308 (USSR)

ABSTRACT: The industrial methods of the production of alkyl benzenes do not always lead to an alkylate suitable for oxidation in the liquid phase. Thereby the structure of the large enterprises was determined by the technology of the synthesis of isopropylbenzene from benzene and propylene in the presence of aluminum-chloride as catalyst. This first of all guaranteed the common industrial production of phenol and acetone (reference 1). An earlier paper reported that the oxidation of alkylbenzenes in the liquid phase which were produced by the alkylation of benzene by means of olefins in the presence of boron fluoride (reference 2) is also studied (reference 3). The oxidation in the liquid phase takes place according to the equations:



$$(CH_3)_2CH\langle\text{benzene}\rangle CH(CH_3)_2 + O_2 \longrightarrow (CH_3)_2COOH\langle\text{benzene}\rangle CH(CH_3)_2, \quad (1)$$

$$(CH_3)_2COOH\langle\text{benzene}\rangle CH(CH_3)_2 + O_2 \longrightarrow (CH_3)_2COOH\langle\text{benzene}\rangle COOH(CH_3)_2 \quad (2).$$

Card 1/3

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

20-2-28/60

The Synthesis of the Mono- and Di-Hydroperoxide of p-Diisopropyl-Benzene

P-diisopropylbenzene was isolated from the alkylate which was produced in an apparatus with an output of 60-70 kg isopropylbenzene and 7 - 10 kg/hour p-diisopropylbenzene. The fractions isolated from the polyalkylbenzene-fraction are given in table 1. The diisopropylbenzene fraction did not correspond to pure p-diisopropylbenzene (reference 4). 1,5 kg diisopropylbenzene, 50 mg bivalent manganese and 1,6 g calcium-hydroxide were used for the experiment. The formation of hydro-peroxide was controlled iodometrically and by measurement of refraction. No higher concentration of hydro-peroxide than 55% (calculated on mono-hydro-peroxide) and 25% (relative to di-hydro-peroxide) was admitted. Its formation in dependence on time is recorded in figure 1. Curve 1 shows the oxidation of p-diisopropylbenzene, relative to mono-hydro-peroxide, whereas curve 2 shows the same relative to di-hydro-peroxide. Then the obtained mixture was filtered and separated into the diisopropylbenzene not thoroughly reacted and the two reaction products. The indices of the oxidation process and the quality of the products are given in table 2. Mono-hydro-peroxide is a colorless oily liquid with a 94,6% content of the basic substance. It was mixed with purified p-diisopropylbenzene (weight relation 2 : 8) and again subjected to oxidation. The obtained di-hydro-peroxide after recrystallization in benzene forms a white solid crystalline sub-

Card 2/3

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

SOV/60

The Synthesis of the Mono- and Di-Hydroperoxide of p-Diisopropyl Benzene

stance with a 99,8% content of the basic substance. It decomposes on melting. The constants of both peroxides are given. The p-diisopropylbenzene forming beside isopropylbenzene represents a good initial substance for the production of the di-hydroperoxide of p-diisopropylbenzene. There are 1 figure, 2 tables, and 1 references, 3 of which are Slavic.

SUBMITTED: May 3, 1957

AVAILABLE: Library of Congress

Card 3/3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

SOV/64-59-3-7/24

5(1)

AUTHORS: Zabotin, K. P., Morozov, L. A., Kryukov, I. V., Frantinskiy, A.A.

TITLE: Experiment With a Continuous Polymerization of Methylacrylate in Emulsion (Opyt nepreryvnoy polimerizatsii metilakrilata v emul'sii)

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 3, pp 30 - 31 (USSR)

ABSTRACT: Despite of the advantages of a tube reactor for the continuous polymerization (PS) of methylacrylate (I) it was not used in this case, as (P) starts at 72° with the applied initiator (ammonium persulfate), and is followed by an intensive development of gas. A somewhat different system with a cylindric reactor was used which served the purpose of PVC polymerization (Ref 1) (Fig - scheme of the system). For the (P) technical (I) was used with about 93% (I), 0.2% of acid and 0.1-0.2% of hydroquinone. The latter was separated before the (P) by means of a 5% NaOH solution. "Necal" and sulphanol served as emulgators. The composition of the reaction compound is given. The polymerization degree of the received product amounted to about 500. Data concerning the viscosity, respectively the (MW) are also given . It is stated that speed and the (P) degree are lower in the continuous (P) than in the periodical

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Experiment With a Continuous Polymerization of Methylacrylate in Emulsion

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(P). Data are given of a (P) of (I) according to the continuous method under the application of sulphanoles and various amounts of ammonium sulfate, as well as a (P) of (I) with 0.002% of hydroquinone. The latter showed that the MW of the polymer is increased by a reduction of the hydroquinone content. There are 1 figure and 1 reference.

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06214

5(3) SOV/64-59-6-6/28

AUTHORS: Zabotin, K. P., Morozov, L. A., Kryukov, I. V., Frantinskiy, A. A., Golubev, A. A.

TITLE: Continuous Method of the Copolymerization of Butyl Acrylate With Acrylonitrile in Emulsions

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 6, pp 486 - 487 (USSR)

ABSTRACT: The product obtained by the copolymerization mentioned in the title is used in the manufacture of artificial leather, in leather dyeing, etc. Publications mention a semi-continuous method (Ref 1) for this polymerization. Here, a continuous method is described, which has already been proposed for the copolymerization of divinyl with styrene (Ref 2). From the scheme given (Fig) it is seen that a tube reactor is used. The following composition in parts by weight is used as reaction mixture: butyl acrylate: 54, "sulfonol" (emulsifier): 2, ammonium persulfate (as initiator): 0.1, acrylonitrile: 16, water: 100. The reaction mixture was introduced into the reactor at a rate of 1.2 l/h and 1.8 l/h respectively, and the copolymerization was carried out at approximately 80°. In order to prevent

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Continuous Method of the Copolymerization of Butyl Acrylate With Acrylonitrile in Emulsions

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coagulation of the finished latex 4-7% of ethylene glycol was added. There are 1 figure and 2 references.

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8(2)

S/143/60/000/02/007/018
D043/D002

AUTHORS: Renne, V.T., Doctor of Technical Sciences, Professor, Morozov, L.A., Proskurnin, V.F., Bayev, I.F.

TITLE: A New Insulating Liquid Made of Waste of the Phenol and Acetone Production for Capacitor Impregnation

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Energetika, 1960, Nr 2, pp 51-60 (USSR)

ABSTRACT: The new insulating liquid for impregnating power current capacitors is a mixture of 1, 1.3-trimethyl--3-phenylindan chlorides and ethyl benzene. It has all the advantages of pentachlordiphenyl, but is considerable cheaper. Isopropyl-benzene-α-methyl-styrene with a catalyst ($H_3PO_4 \cdot BF_3$) is used as raw-material for producing trimethylphenylindan poly-chlorides. The suitability of the new dielectric for impregnating capacitors was established in

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D043/D002

A New Insulating Liquid Made of Waste of the Phenol and Acetone Production for Capacitor Impregnation

preliminary experiments, but additional studies are required. With a certain ratio of the mixture components, the solidification point will be at -35 to -40°C. Good ionization characteristics of capacitor models impregnated with the new dielectric were obtained, thus the capacitors may be subjected to considerable overvoltages during their operation. The production process of the new dielectric is uncomplicated, thus the cost for mass-produced power current capacitors will be reduced compared to those filled with pentachlordiphenyl. Experimental work for obtaining the new dielectric is described. The properties of polychlorides of trimethylphenyl indan, ethyl benzene and their mixture are given. Some differences in the tgδ values were caused by the measuring methods used

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A New Insulating Liquid Made of Waste of the Phenol and Acetone Production for Capacitor Impregnation

at the "Kondensator" plant and lacking perfection of purification methods. The characteristics of capacitor paper specimen impregnated with the new dielectric are also given. Capacitance changes of the KON-I and of the KON-II paper specimens did not exceed 8-9% in the temperature range from -20 to +90°C. There are 3 graphs, 1 block diagram, 5 tables and 5 references, 2 of which are Soviet, 2 English and 1 German.

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina (Leningrad Polytechnic Institute imeni M.I. Kalinin)

SUBMITTED: October 9, 1959, by the Kafedra elektroizolyatsionnoy i kabel'ney tekhniki (Department of Electrical Insulation and Cable Engineering)

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, L.F.; KIM, M.P., doktor istor.nauk, nauchnyy red.; MURASHEV, A.A., red.

[Decisive stage in the struggle with bourgeoisie of the New Economic Policy; the history of the liquidation of capitalist elements in the cities, 1926-1929] Reshaiushchii etap bor'by s nepmanskoi burzhuaziei; iz istorii likvidatsii kapitalisticheskikh elementov goroda, 1926-1929 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 101 p. (MIRA 13:5)

(Russia--Economic policy)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

PAVLENKO, A.S.; SYAO CHZHUN-YAN; MOROZOV, L.N.

Comparative geochemical characteristics of granitoids with accessory tantalum-niobates. Geokhimiia no.2:104-120 '60. (MIRA 13:6)

1. V.I.Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Columbates) (Granite)

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69830

S/136/60/000/05/011/025
E071/E235

18.5100

AUTHORS: Morozov, L. N., Karugin, V. F., Kaganovich, I. N., Kushakevich, S. A., and Agarkov, V. F.

TITLE: Mastering the Technology of Rolling on a Merchant Mill of Rods from Titanium Alloys on a Metallurgical Works

PERIODICAL: Tsvetnyye metally, 1960, Nr 5, pp 57-61 (USSR)

ABSTRACT: The possibility of rolling rods from titanium and its alloys (OT4 and VT2-1) on a merchant mill and the quality of the products made were investigated. Chemical analyses of the ingots rolled are given in Table 1. Ingots of OT4 alloy were obtained by a vacuo-argon melting and those of VTZ-1 by a double vacuo melting. As semis for rolling forged squares 80 x 80 to 230 x 230 mm, 1100 to 1400 mm long were used. The rolling was done on a mill 600 with water cooling of bearings and rolls at a rolling velocity 2 to 2.7 m/sec (Table 2). Temperature of the beginning of rolling 1020 to 1070°C and that of the end of rolling 950 to 980°C. The main parameters of roll passes for rolling rods of 16 mm diameter are given in Table 3; mechanical properties of rolled and annealed products are given in Table 4; examples of the microstructure of rods are reproduced in Figs 1 to 3, a comparison of the

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Mastering the Technology of Rolling on a Merchant Mill of Rods from Titanium Alloys on a Metallurgical Works

appearance of the surface of forged, pressed and rolled rods from VTZ-1 alloy is shown in Fig 4. It is concluded that rolling of titanium alloys is feasible. Under works' conditions, semis for rolling should be forged squares 230 x 230 mm 1100 to 1400 mm long. In order to obtain the best structure in finished products, rolling should be finished at a lower temperature, ie, below the range of the β phase. There are 4 figures and 4 tables.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

LIN, M.G.; MOROZOV, L.N.; ZNAMENSKAYA, A.S.

Germanium in granitoids of the Eastern Sayan Mountains. Geokhimiia no.12:1066-1070 '62. (MIRA 16:9)

1. Institute of Geochemistry, Siberian Section of the Academy of Sciences, U.S.S.R., Irkutsk.
(Sayan Mountains--Germanium) (Sayan Mountains--Granite--Analysis)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

LIN, N.G.; MOROZOV, L.N.; MIRONOV, V.P.

Uranium and thorium in the Paleozoic granitoids of the central part of the Eastern Sayan Mountains (M.Tagul and Uda interfluve). Geokhimiia no.1:86-91 Ja '65. (MIRA 18:4)

1. Institut geokhimii Sibirskogo otdeleniya AN SSSR, Irkutsk.

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L 13285-66 EWT(m)/EWP(w)/EPF(n)-2/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) IJP(c)

ACC NR: AP6001108 (A) SOURCE CODE: UR/0136/65/000/012/0082/0085

MJW/JD/WW/HW/JG/WB

AUTHOR: Mal'tsev, M. V.; Morozov, L. N.

ORG: none

TITLE: Heat treatment of certain nonferrous, refractory and rare metals and alloys in the presence of protective atmospheres

SOURCE: Tsvetnyye metally, no. 12, 1965, 82-85

TOPIC TAGS: protective atmosphere, inert gas, metal heat treatment, nonferrous metal, refractory metal

ABSTRACT: The selection of protective atmosphere for oxygen-free heating depends chiefly on the composition of the metal or alloy, the regime of heat treatment and the requirements for the quality of the metal surface. In affinity to oxygen (in order of increasing affinity) the elements are arranged as follows: Cu, Ni, Co, Mo, W, Fe, Cr, Mn, Si, V, Zr, Al, Be, Ti. According to their action on nonferrous metals and alloys, the gases contained in the combustion products of fuel or in the furnace atmosphere may be divided into three groups: oxidizing (O_2, CO_2, water vapor); reducing (CO, H_2); neutral (Ar, He). The heat treatment of individual metals and alloys in protective atmospheres does not always avert the formation of oxide films on the surface. In this connection it is worth noting that very thin oxide films (of the oxidation tint type)

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ACC NR: AP6001108

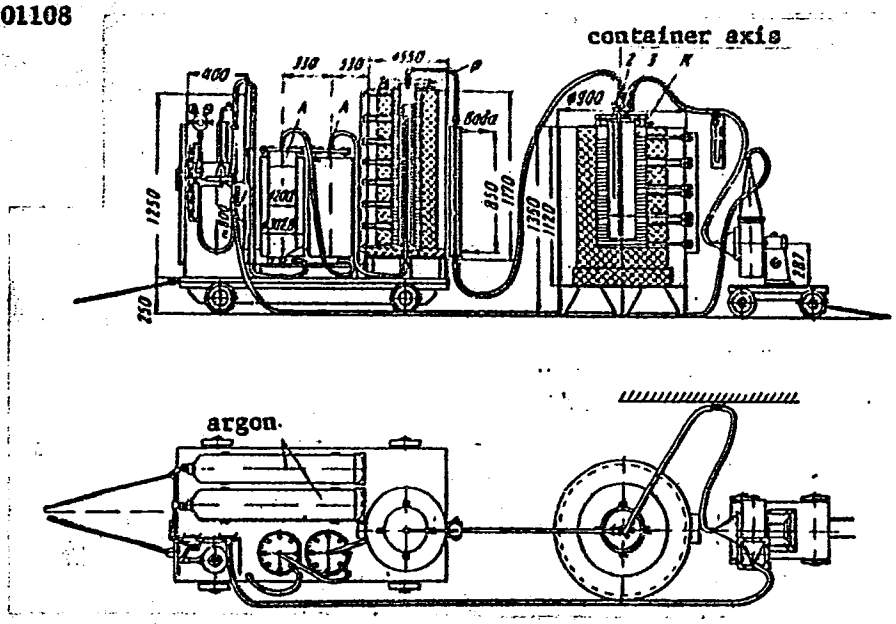

Fig. 1. Structural diagram of setup for purification and drying of inert gas (argon) with recirculation

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ACC NR: AP6001108

in some cases are not only harmless but also desirable, since they increase tens of times corrosion resistance under atmospheric conditions. Bright annealing of nickel silver and silicon bronze, aluminum bronze and beryllium bronze can be effectively performed in the presence of an exothermic gas prepared from natural, coke, or blast-furnace gas. As a result of previous studies, the authors developed the following protective atmospheres for the oxygen-free heating of Cu alloys: $CO-CO_2$ type -- N_2 base, $CO \leq 10\%$, $CO/CO_2 > 4$, $H_2 \leq 2\%$, $O_2 \leq 0.2\%$, $H_2O \leq 0.3\%$; and H_2-N_2 type -- N_2 base, H_2 5-10%, $O_2 \leq 0.02\%$, $H_2O \leq 0.001\%$. Products and parts annealed in these media at 400-800°C retain purity of surface and display high mechanical properties. It was established that the most suitable protective atmosphere for Ni-base heat-resistant materials of the EI827, EI437B, EI867, EI868 and VZh36L2 types is an atmosphere of the H_2-N_2 type, of the following composition: 12-15% H_2, 0.001% H_2O, 0.006% O_2, with N_2 as the remainder. For heating Mo and W to 1300-1400°C it is advisable to employ a reducing atmosphere of the H_2-N_2 type with the composition: 75% H_2, 25% N_2, and 0.001% O_2, 0.001% H_2O (dew point -60°C). This atmosphere is obtained by the dissociation of ammonia. A neutral argon atmosphere with an O_2 content of 0.002% and moisture content of $\leq 0.001\%$ is recommended for the heat treatment and hot pressing of Ta, Nb, Ti, Zr and their alloys. Currently the authors are testing a setup for the purification and drying of inert gases with recirculation (Fig. 1), which considerably reduces the consumption of these expensive gases and increases the degree of their purification. After the products are charged into airtight container K, valves 1, 2 and 3 are adjusted to the position "blowdown." Following the blowdown of the con-

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ACC NR: AP6001108

tainer, valves 1 and 3 are turned to the position "circulation," an airtight gas blower is turned on and the inert gas present in the system is circulated along a closed circuit, undergoing drying in adsorbers A and purification to remove oxygen in retort P filled with Ti or Zr chips and heated to 950°C (even the best grades of argon and helium contain as much as 0.005% oxygen and moisture). After a gas sample is taken for analysis and if the analysis is satisfactory, the gas blower is turned off, the valve is closed, and the container is charged into the furnace. Throughout the process, pressure in the container is maintained at from 20 to 100 mm Hg. Heat treatment of products made of various alloys in a protective atmosphere may be performed in special airtight containers of various design depending on the atmosphere used and the dimensions of the products. It may be performed on a mass scale by employing special continuous muffle furnaces. Such furnaces have an airtight metallic muffle heated by gas, resistance heaters or an inductor, and charging and discharging compartments. The widespread use of heat treatment in protective atmospheres makes it possible to improve the quality of the surface of products and to considerably reduce the proportion of defective products while at the same time dispensing with the labor-consuming operations of cleaning and pickling and eliminating the irretrievable losses of metal due to scaling. Orig. art. has: 2 figures.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 000/ OTH REF: 000

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[illegible] MOROZOV, L.N.

[illegible] cross-sections of the reaction $Ca^{48}(n,2n)Ca^{47}$ for [illegible] MeV neutrons and for fission neutrons. Radiokhimiia [illegible] (MIRA 18:8)

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L 21291-66 EWP(e)/EWT(m)/EWP(t)/EWP(k) IJP(c) JD/HW/JG/WB

ACC NR: AP6007908 SOURCE CODE: UR/0149/66/000/001/0116/0118

AUTHOR: Mal'tsev, M. V.; Korozov, L. N.; Zverev, K. P.; Yefremov, Yu. N.

ORG: none

TITLE: Oxidation of beryllium in air at high temperature

44,55, 18 55,27

SOURCE: IVUZ. Tsvetnaya metallurgiya, no. 1, 1966, 116-118

TOPIC TAGS: beryllium, beryllium oxidation, oxidation kinetics

ABSTRACT: Disk-shaped beryllium specimens, 16 mm in diameter and 5 mm thick, cut from hot-compacted and extruded beryllium bars which were vacuum annealed at 850C for 2 hr, were tested for oxidation behavior at 300, 400, 600, 800, 900, 950, or 1000C for 0.5, 1, 5, 10, 30, 60, or 120 min. Visual examination revealed no changes in the surface of tested specimens after 120-min testing at temperatures up to 400C; the surface darkened slightly after testing at 600C, and lost brightness after testing at 800C. A thick white layer easily separated from the surface was formed within 5 min at 100C. The weight gain (see Fig. 1) in the first period of testing is

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ACC NR: AP6007908

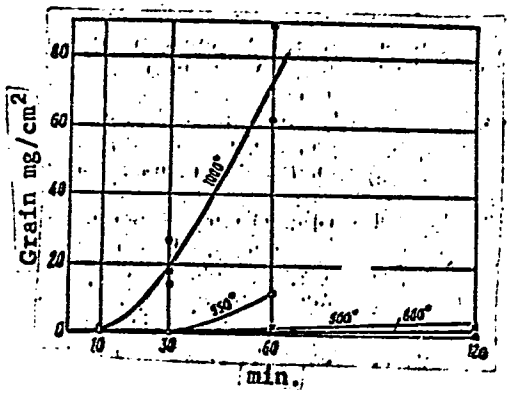

Fig. 1. Effect of temperature and heating time on beryllium oxidation

insignificant because the first oxide film formed protects against oxidation up to 600C. Electron-diffraction analysis showed that no oxide film forms on specimens tested at 300C for 2 hr. Beginning with 400C, an oxide film begins to form. The oxide and the beryllium monoxide have a hexagonal lattice with parameters a = 2.694 Å and c = 4.392 A. The oxide formed at 600, 800, or 1000C has a coarse-grained structure; the grain size increases with increasing temperature and holding time. Orig. art. has: 2 figures.

[AZ]

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L 44399-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6023642 SOURCE CODE: UR/0149/66/000/002/0142/0146

AUTHOR: Mal'tsev, M. V.; Morozov, L. N.; Moiseyev, V. N.; Yefremov, Yu. N.; Khorev, A. I.

ORG: none

TITLE: Comparative oxidizability of various types of titanium alloys upon heating in air

SOURCE: IVUZ. Tsvetnaya metallurgiya, no. 2, 1966, 142-146

TOPIC TAGS: titanium alloy, oxidation kinetics, phase composition, metallographic examination, temperature dependence, diffraction analysis, microhardness / VT14 titanium alloy, VT15 titanium alloy, VT16 titanium alloy

ABSTRACT: A study was made of the oxidizability of titanium alloys VT14, VT15 and VT16, containing various amounts of β-phase. Alloy VT14 contained 4.4% Al, 1.7% Mo and 0.91% V; alloy VT15 [illegible] Al, [illegible] Mo and [illegible] V; alloy VT16 [illegible] Al and 6.35% Mo. Samples (6 × 20 × 20 mm) were heated in air at temperatures ranging from 700 to 1200°C for 10 to 240 min. Oxidizability was determined by the increase in weight per unit surface. The weight curves followed a parabolic law. While the oxidation rate was low for all alloys up to 900°C, above 1000°C it became intense. In comparison with VT14 and VT16 (α+β-structure) the β-phase alloy VT15, beginning at 1000°C,

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oxidized twice as fast due to the presence of the [illegible] Cr_2O_3, absent in VT14 and VT16. Electron diffraction was used to analyze the scales. Chemical composition of the scale formed at 1100°C for 4 hrs are given. In all alloys, the basic oxide composition was rutile-type titanium dioxide, having a tetragonal lattice with the parameters a=4.58 Å and c=2.95 Å. All the oxides had a texture in which the [illegible] direction lay in the plane of the sample. A texture formed at 700°C in VT15, at [illegible]°C in VT14 and at 900°C in VT16. Microhardnesses of the surface layers are given as functions of distance from the surface for all temperatures. Micrographs of the oxidized surfaces are shown. For all alloys, the microhardness dropped sharply up to about 0.02 mm from the surface where the slope became more gradual; this indicated the depth of gas diffusion at the surface. The single phased alloy VT15 had a large-grained structure and the gas diffusion was more selective, as was similarly observed in the other alloys upon heating in the β-region. This selective attack increased the crack sensitivity and a fine network of cracks was observed upon deforming VT15 at high temperatures. Below 900°C, VT14 and VT16 had two-phased α+β structures and the oxidation attack was more uniform. Orig. art. has: 3 figures, 2 tables.

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Card 2/2

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TOBRI[illegible], Genrikh Zalmanovich, K[illegible]OVA, Yevdokiya [illegible],
[illegible]OV, Leonid Tikh[illegible] [illegible]: TIKH[illegible]
N. V., red.

Industrial training of milling machine [illegible]
[illegible]stvennoe obuchenie frezer[illegible]
[illegible]kela, [illegible]

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

ZYKOVA, N.M.; MOROZOV, L.V.; BARYKINA, O.A., otvetstvennyy red.; ALEKSEYEVA, K.P., otvetstvennyy red.; PROKOF'YEVA, N.B., red.izd-va; PAVLOVSKIY, A.I., tekhn.red.

[Scientific congresses, conferences and conventions in the U.S.S.R. 1946-1953; a bibliography] Nauchnye s"ezdy konferentsii i soveshchaniia v SSSR, 1946-1953; bibliograficheskii ukazatel'. Moskva, 1958. 222 p. (MIRA 11:4)

1. Akademiya nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk.
(Bibliography--Science--Congresses and conventions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

COLUBEV, T.M., doktor tekhn. nauk; NIZKOV, A.A., OMEL'CHENKO, P.P.; MOROZOV, L.V.

Unit pressure during rolling with continuously increasing reductions. Met. i gornorud. prom. no.6:27-29 N-D '65. (MIRA 18:12)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, M.A.

Central panel for controlling the technological process of reclaiming rubber. Kauch i rez. 20 no.9:50-52 S '61. (MIRA 15:2)

1. Yaroslavskiy zavod revinovykh tekhnicheskikh izdeliy.
(Rubber, Reclaimed)
(Rubber industry--Equipment and supplies)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

124-57-2-2265

Translation from: Referativnyy zhurnal Mekhanika, 1957, Nr 2 p [illegible] (USSR)

AUTHOR: Merezov, M. A.

TITLE: The Tensions in a Sagging Thread Due to a Jerk (Natyazheniya v provisayushchey nit, vsledstviye yvka)

PERIODICAL: Sb. stud. nauch.-issled. rabot. Mosk. avtomekhan. in-t, 1956, Vol 2, pp 6-11

ABSTRACT: Bibliographic entry

[illegible]

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001135220007-0

MOROZOV, M.A., inzh.

VRT-25 turbines of the Kharkov Turbogenerator Plant; brief news. Energomashinostroenie 4 no.7:43 Jl '58. (MIRA 11:10)
(Steam turbines)

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MOROZOV, M. A. [illegible]

"[illegible]"

report presented at the First Technical Conference on the Intorduction of New Techniques into the Electrical Insulator Industry, 12-15 Mar 1956, State Sci. Tech. Committee of Council of Ministers of USSR.

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