

YERASTOVA, V.M.

Changes in the qualitative and quantitative composition of the
spawning stock of herring in Onega Bay in 1953-1958. Mat. po
kompl. izuch. Bel. mor. no.2:114-118 '63. (MIRA 17:7)

YERBANOVA, L.N.; DRAKIN, S.I.; KARAPET'YANTS, M.Kh.

Comparative study of the heats of solvation of ions in alcohols.
Zhur.fiz.khim. 38 no.11:2670-2674 N '64.

(MIRA 18:2)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendeleyeva.

DRAKIN, S.I.; YERBANOVA, L.N.; KARAPET'YANTS, M.Kh. (Moscow)

Determination of instantaneous heat effects by means of the
Mishchenko and Sukhotin modification of the Schottky calorimeter.
Zhur. fiz. khim. 38 no.4:1051-1054 Ap '64. (MIRA 17:6)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I.
Mendeleyeva.

YERBANOVA, L.N.; KARAPETYANTS, M.Kh.; DRAKIN, S.I.

Comparative study of the heat of solvation of ions in alcohols.

Part 2. Zhar.fiz.khim. 39 no.11:2748-2752 N '65.

(MIRA 18:12)

I. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I.
Mendeleyeva.

ACC NR: AP7003521

(A)

SOURCE CODE: UR/0113/67/000/001/0045/0046

AUTHORS: Yerchenko, L. G.; Khazankina, K. M.

ORG: NIIAvtoprom

TITLE: Application of diffusion coatings to powder-metallurgy products

SOURCE: Avtomobil'naya promyshlennost', no. 1, 1967, 45-46

TOPIC TAOS: metal diffusion plating, nitridation, vehicle component, metal surface, hardness, carburization, iron powder, powder metallurgy, automobile, tractor/Moskvich vehicle, DT-54 motor

ABSTRACT: Experimentation with the diffusion coating of sintered-metal automobile and tractor components at the powder metallurgy laboratory of NIITAvtoprom is described. The treatment, consisting of gaseous carbonitriding of the surface of the parts, imparts a high degree of hardness to them. The thrust ball bearings and front suspension bushings of the "Moskvich" automobile and the sealing rings of DT-54 tractor were made of iron powder having a ferrite structure with 10--15% of pearlite. The parts were subjected to the following process: heating at 850C in an atmosphere of an endothermic gas + 3% of ammonia; tempering by transferring the parts cooled to 830C from the furnace chamber into oil preheated to 180C. The structure and hardness of the materials thus treated were satisfactory and withstand

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UDC: 629.113:621.762.785.5

ACC NR: AP7003521

testing for more than 100 000 km in a "Moskvich" automobile. The substitution of a sintered-metal thrust bearing for one made of steel gives a saving of 28% in the cost of the part or 500 rubles per ton of parts. In the case of the sealing ring, the cost is reduced by 42.9%, to 390 rubles per ton of parts. Orig. art. has: 2 figures.

SUB CODE: 11,13/ SUBM DATE: none

Card 2/2

~~YERCHENKOV, G.~~

~~YERCHENKOV, G.~~

Developing one's own feed supply. Mins.ind.SSSR 26 no.4:38-40 '55.

(MIRA 8:10)

1. Ministerstvo promyshlennosti myasnykh i molochnykh produktov
SSSR

(Feeding and feeding stuffs)

YERCHENKOV, G.

Let's establish a stable feed supply system. Mias.ind.SSSR 27
no.2:36-38 '56. (MLRA 9:8)

1. Ministerstvo promyshlennosti myasnykh i molochnykh produktov
SSSR.
(Feeding and feeding stuffs)

YEROSHINKOV, G.

Let us increase daily and over-all gains. Min. Ind. SSSR 28 no.3:
39-40 '57. (MLRA 10:6)

I. Ministerstvo promyshlennosti myasnykh i molochnykh produktov
SSSR.
(Cattle--Feeding and feeding stuffs)

YERCHENKOV, G.; BARBASHIN, M.

Ways of a further expansion of the resources of raw materials for the meat industry. Mias.ind.SSSR 33 no.5:42-44 '62. (MIRA 15:12)

1. Gosudarstvennyy komitet zagotovok Soveta Ministrov SSSR (for Yerchenkov). 2. Gosplan SSSR (for Barbashin).
(Meat industry)

5(4)

AUTHORS: Panchenkov, G. M., Maksareva, T. S., Sov/76-32-12-20/32
Yerchenkov, V. V.

TITLE: The Temperature Dependence of the Diffusion Coefficients
of Some Organic Liquids (Temperaturnaya zavisimost' koeffiziennov diffuzii nekotorykh organicheskikh zhidkostey)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 12,
pp 2787 - 2791 (USSR)

ABSTRACT: The diffusion coefficients at various temperatures were determined
by the diffraction micro method for the pairs of liquids:
a) o-xylene-p-xylene, b) o-xylene-mesitylene, and c) 1.36 m
solution of p-dichlorobenzene in chlorobenzene-chlorobenzene.
Based on the variations of density and viscosity in relation
to the temperature found for the individual components,
the values for the diffusion coefficients were calculated
and compared with those found experimentally. Divergencies
remain within the limit of error. There is an approximate
exponential dependence between diffusion coefficient and
temperature.

Card 1/2

The Temperature Dependence of the Diffusion
Coefficients of Some Organic Liquids

SOV/76-32-12-20/32

There are 1 figure, 7 tables, and 10 references, 4 of
which are Soviet.

SUBMITTED: June 5, 1957

Card 2/2

PANCHENKOV, G.M.; YERCHENKOV, V.V.

Temperature dependence of the coordination number and diffusion coefficient in liquids. Zhur. fiz. khim. 36 no.4:869-872 Ap '62. (MIRA 15:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Diffusion) (Coordination number)

PANCHENKOV, G.M.; YERCHENKOV, V.V.

Relation between diffusion and short-range order in a liquid.
Vest. Mosk. un. Ser. 2:20-29 Ja-F '64. (MIRA 17:6)

1. Kafedra fizicheskoy khimii, Moskovskogo universiteta.

KORPUSOV, G.V.; YESKEVICH, I.V.; PATRUSHEVA, Ye.N.; YERCHENKOV, V.V.; ALEKSEYEVA, L.R.

Regularities in the extraction distribution of rare earth elements
in neutral solutions. Ekstr.; teor., prim., app. no. 2:117-140 '62.
(MIRA 15:9)

(Rare earths)

(Extraction (Chemistry))

PANCHENKOV, G.M.; YERCHENKOV, V.V.

Temperature dependence of the coordination numbers and
diffusion coefficients of liquids. Ukr. fiz. zhur. ?
no.8:801-896 S '62. (MIRA 16:1)

1. Moskovskiy gosudarstvennyy universitet.
(Liquids) (Molecules) (Diffusion)

PANCHENKOV, G.M.; YERCHENKOV, V.V.

Dependence of the coordination number of liquids on the
molecular volume and temperature. Zhur. fiz. khim. 38
no.6:1651-1654 Je '64. (MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SAVARTSEV, A.; KANTARIYA, A.; DOBARIN, B.; YEVLENT'YEV, N.; (selo Yagorkino Oktyabr'skogo rayona, Tatarskoy ASSR), OSOTKIN (g.Tyumen'); SHCHERBAKOV (g.Tyumen'); YERDAKOV (g.Tyumen'); VASIL'YEV (g.Tyumen'); RESHETNIK (Tyumen').

In radio clubs of the country. Radio no.12:11-12 D '58.
(MIRA 11:12)

1. Predsedatel' soveta Ryazanskogo radiokluba Dobrovols'mego obshchestva sodeystviya armii, aviatsii i flotu (for Savartsev). 2. Nachal'nik Kuybyshevskogo oblastnogo radiokluba Dobrovols'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Kantariya). 3. Nachal'nik radiokluba (for Osotkin). 4. Starshiy inzh.radiokluba (Shcherbakov). 5. Nachal'nik uchebnoy chasti (for Yerdakov). 6. Chleny radiokluba (for Vasil'yev, Reshetnik).

(Radio clubs)

1.099-56 EM(I)
ACC NR: AP6025078

SOURCE CODE: UR/0115/66/000/006/0066/0068

AUTHOR: Vukolov, V. I.; Yerdakov, V. B.; Parfenov, N. A.; Shtemberg, S. V.

ORG: none

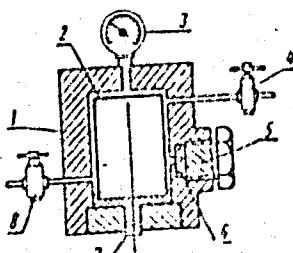
TITLE: Ionization chamber used for measuring high gas pressure

53
52
B

SOURCE: Izmeritel'naya tekhnika, no. 6, 1966, 66-68

TOPIC TAGS: ionization chamber, high pressure, high pressure research, pressure measurement, GAS PRESSURE

ABSTRACT: The I-V characteristic of a plane-parallel ionization chamber (ICh) is described by a well-known J. Boag et al. formula (Brit. J. Appl. Phys., 1952, 3, 222). According to that formula, with pressures over 10^6 n/m² and neglecting the effects of columnar recombination, for current undersaturation conditions ($f < 0.05$, $n > 50$), this relation is approximately true: $f = 1/n = 1/p$; $i = i_0 f = \text{const}$. If the columnar recombination is taken into account, then: $n = \sqrt{p}$, $f = 1/n = p^{-\frac{1}{2}}$. An experimental device (see figure) consisted of a steel body 1 that housed cylindrical ICh 2 having a volume of 6.2 cm³. The ICh two brass electrodes were separated by teflon insulator 7.



UDC: 621.387.422:531.787

Card 1/2

41099-55

ACC NR: AP6025078

Valves 4 and 8 served for building up and reducing pressure of tritium-labeled commercial hydrogen in the ICh. The experimental results show that: (1) The current undersaturation conditions in an ICh can be used for measuring high pressures; (2) Both radioactive-isotope gases and labeled stable gases can be measured; (3) Conventional radioactive ionization manometers operated in the undersaturation range can be used for measuring high pressures of nonradioactive gases; (4) Some gases (very pure Ar or He) cannot be measured by this method. Orig. art. has: 3 figures and 6 formulas.

[03]

SUB CODE: 13, 09 / SUBM DATE: none / ORIG REF: 008 / OTH REF: 005 / ATD PRESS:

5057

Card 2/2 ha

ITSKOVICH, G.M.; PANICH, B.B.; YERDAKOV, V.I.; CHERNAVSKIY, S.A., red.;
ANOSHINA, K.I., red. izd-va; PAVLOVA, V.A., tekhn. red.

[Engineering mechanics: a program, tasks for control operations,
and brief instructions for fulfilling them for instruction
engineering students in correspondence schools of technology and
their branches] Tekhnicheskaya mekhanika; programma, zadaniia dlia
kontrol'nykh rabot i kratkie ukazaniia k ikh vypolneniiu dlia
uchashchikhsia stroitel'nykh spetsial'nostei zaochnykh tekhniku-
mov i otdelenii. Moskva, Gos. izd-vo "Sovetskaya nauka," 1957.
106 p. (MIRA 14:6)

(Building--Study and teaching)

YERDAKOV, Vadim Ivanovich, inzh.; MININ, Leonid Sergeyevich, inzh.;
TIKHOMIROV, Ye.N., prof., retsentent; DARKOV, A.V., doktor
tekhn. nauk, retsentent; SAPOZHKOVA, N.M., inzh., nauchnyy
red.; KOPTEVSKIY, D.Ya., red. izd-va; YEZHOOVA, L.L., tekhn.
red.

[Laboratory practical work on the strength of materials] La-
boratornyi praktikum po soprotivleniiu materialov dlja studentov
zaochnykh vtuzov. Moskva, Gos. izd-vo "Vysshiaia shkola," 1961.
188 p. (MIRA 15:4)

(Strength of materials--Testing) (Testing machines)

YERDAN, Yu. [Yordan, J.]

Junction of the hyoid bone with the cranium and pharynx in man
and its variants from the standpoint of comparative anatomy.
studies in primates. Arkh. anat., hist. i embr. 46 no. 6:16-18
(III, 18:3)
Je '64.

1. Katedra normal'ney anatomii cheloveka (zav. - prof. M. Reykher
i prof. V. Iasin'ski [Iasin'ski, W.]) Meditsinskoy akademii v Gdanske,
Pol'sha.

YERDEG, S.

V

EPD^{er}
YERDEG, Sil'vester. Cand Agr Sci -- (diss) "The growth and development of
~~nullipara cows~~
the Kholmogory breed of young cows which have never calved, and the milk
productivity of ~~cows which have calved once~~, ~~which were raised~~ on various
levels of feeding during the post-lactation period." Mos, 1958. 18 pp
(Mos Order of Lenin Agr Acad im K. A. Timiryazev), 110 copies (KL, 13-58, 99)

KHADNAD', Ch.; KHORVAT, Ye.; SENTKIRALI, I.; IMRE, B.; YERDELI, A.;
GANTS, A.

Treatment of acetonemic vomiting in children with vitamin B₁₂.
Pediatriia no.10:21-22 '61. (MIRA 14:9)

1. Iz II kliniki vnutrennikh bolezney i kliniki det'sikh bolezney
Tyrgu-Mureshskogo mediko-farmatsevticheskogo instituta, Rumyniya.
(ACETONEMIA) (VOMITING) (CYANOCOBALAMINE)

y ERDELSKY, K.; HERICH, R.

ERDELSKY, K.; HERICH, R. Contribution to the biochemical differentiation
of sex in hemp (Cannabis sativa L.). II. A
preliminary report. p.111.

Vol. 11, no. 2, 1956, BIOLOGIA, BRATISLAVA, CZECHOSLOVAKIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

YERDENBAEVA, N. I.

Chemical Abstracts
May 25, 1954
General and Physical
Chemistry

Reaction of aluminum hydroxide and silica with solutions of sodium sulfide at high temperature. V. D. Ponomarev and M. I. Yerdenbaeva. Izvest. Akad. Nauk Kazakh. S.S.R., No. 723, Ser. Khim., No. 7, 79-84 (1954). Reaction of Al(OH)_3 with Na_2S soln. at 15 atm. at about 200° and a similar reaction of SiO_2 were studied. The process of soln. of Al(OH)_3 in Na_2S soln. is not affected by the presence of considerable amounts of S. The change of compn. of Na_2S soln. during the soln. is slight and consists of oxidation of the SH^- ion. The change of compn. of the Na_2S soln. in the presence of SiO_2 is negligible. The amt. of SiO_2 in the Na_2S soln. is 0.45 to 0.5 times that in NaOH of the same concn. The presence of S^{2-} and SH^- ions reduces the transition of SiO_2 into soln. and reduces the stability of silicic acid sol.

G. M. Kosolapoff

YERDENBAYEVA, M.I.; DRAGAVTSEVA, N.A.

Separation of selenium from sulfur. Issv. AN Kazakh. SSR. Ser. khim.
no.1:59-62 '60. (MIRA 13:11)
(Selenium) (Sulfur)

YERDENBAYEVA, M.I.

Iodometric determination of elemental selenium and sulfur when both
are present in cyanide solutions. Izv. AN Kazakh. SSR. Ser. khim.
no.1:63-68 '60. (MIRA 13:11)
(Selenium--Analysis) (Sulfur--Analysis)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8

PONOMAREV, V.D.; YERDENBAYEVA, M.I.

Interaction between iron hydroxide and sodium sulfide solutions under
pressures of 12-15 at. Trudy Inst. met. i obogashch. AN Kazakh. SSR
2:20-23 '60. (MIRA 13:10)
(Chemistry, Metallurgic) (Iron oxides)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8

Thickening and washing of black and red muds obtained after leaching
alumina of diasporo-boehmite bauxites under pressure of 15 at.
Trudy Inst. met. i obogashch. AN Kazakh. SSR 2:24-31 '60.
(MIRA 13:10)

(Bauxite)

(Ore dressing)

DRAGAVTSEVA, N.A.; USENOVA, Z.M.; YERDENBAYEVA, M.I.; KOZLOVSKIY, M.T.

Interaction of elementary selenium, selenides, and selenites of certain metals with sodium amalgam. Zhur.anal.khim. 18 no.6:773-776 Je '63. (MIRA 16:9)

1. Institute of Chemical Sciences, Academy of Sciences, Kazakh S.S.R., Alma-Ata.
(Selenium compounds) (Amalgams)

ACCESSION NR: AP4041576

8/0078/64/009/007/1547/1551

AUTHOR: Usenova, Z. M.; Mamonova, G. F.; Yerdenbayeva, M. I.

TITLE: Selenium, tellurium and sulfur separation in sublimation

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 7, 1964, 1547-1551

TOPIC TAGS: selenium separation, tellurium separation, sulfur separation sublimation, vacuum sublimation

ABSTRACT: During vacuum sublimation of anodic sludge of copper smelters for Se and Te extraction, sublimates also contain sulfur. In addition, copper, silver and lead selenides, tellurides and sulfides are mechanically entrained. The subsequent difficulties of separation prompted this study. Sodium amalgam is proposed for separation. It was found that tellurium readily goes over into the solution as sodium telluride, while the respective metals form an amalgam. It has been found that the interaction of a mixture containing elementary Se, Te and S, as well as copper, lead and silver selenides, tellurides and sulfides, Se, Te and partially S go into the solution as Na_2Se , Na_2Te and Na_2S . They can be separated due to their different rate of oxidation in the air. The radius of S, Se and Te

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ACCESSION NR: AP4041576

ions are S^{2+} = 1.74; Se^{2+} = 1.91; Te^{2+} = 2.11 Å. therefore sulfides are the slowest and tellurides the fastest to oxidize. Orig. art. has: no figures, 4 formulas, 4 tables.

ASSOCIATION: Institut khimicheskikh nauk AN KazSSR (Institute of Chemical Sciences, AN KazSSR)

SUBMITTED: 190ct63

ENCL: 00

SUB CODE: IC, GC

NO REF Sov: 011

OTHER: 000

Card 2/2

YERDENBAYEVA, M.I., MAMONOVA, G.F.

Solubility of selenites in some organic acids and their salts.
Izv. AN Kazakh. SSR. Ser. khim. nauk 14 no.1:41-45 Ja-Mr '64.
(MIRA 18:3)

YERDENBAYEVA, M.I.; USENOVA, Z.M.

Phase analysis of selenium compounds in anodic sludge. Izv.
AN Kazakh. SSR. Ser. khim. nauk 14 no.1:46-51 Ja-Mr '64.
(MIRA 18:3)

L 14522-65 EWT(m)/EWP(t)/EWP(b) IJP(c)/EJD(g5) RDN/JD

ACCESSION NR: AP5001428

S/0075/64/019/008/0985/0988

'3

AUTHOR: Yerdenbayeva, M. I.; Usenova, Z. M.

TITLE: Interaction of elementary tellurium and copper, lead, and silver tellurides with various solvents

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 8, 1964, 985-988

TOPIC TAGS: solvent, solvent extraction, tellurium, copper, lead, silver, telluride, anodic sediment, sediment analysis

Abstract: The choice of selective solvents for elementary tellurium and copper, lead, and silver tellurides is important for the analysis of the anodic sediments of electrolytic copper production. The following procedure was developed for the selective extraction of various components of a mixture of elementary tellurium, copper, lead and silver tellurides. 1) treatment with 3% sodium sulfide to bring elementary tellurium into solution. 2) treatment with 5% ammonia solution for the selective solution of copper telluride in the presence of the tellurides of lead and silver.

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L 14523-65
ACCESSION NR: AP5001428

3) treatment with hydrochloric acid solution of hydrogen peroxide to :
dissolve lead telluride; 4) treatment with a dilute (1:1) solution of
nitric acid to dissolve silver telluride. (trix. art. has 3 tables.)

ASSOCIATION: Institut khimicheskikh nauk AN KazSSR, Alma-Ata (Institute
of Chemical Sciences, AN KazSSR)

SUBMITTED: 24Dec63

ENCL: 00

SUB CODE: GC, IC

NO REF SOV: 013

OTHER: 001

JPRS

Card 2/2

USENOVA, Z.M.; MAMONOV, G.F.; YERDENBAYEVA, M.I.

Separate determination of the selenates of lead, zinc, cadmium and mercury by means of sodium amalgam. Zbir.anal.khim. 19 no.9:1168-1170 '64. (MIRA 17:10)

l. Institute of Chemical Sciences, Academy of Sciences Kazakh S.S.R., Alma-Ata.

ACC NR: AP6033385

SOURCE CODE: UR/0075/66/021/008/0980/0984

AUTHOR: Grushina, N. V.; Tsevun, V. I.; Khrapchenkova, G. V.;
Yerdenbayeva, M. I.; Kozin, L. F.22
BORG: Institute of Chemical Sciences, AN KazSSR, Alma-Ata (Institut khimicheskikh nauk AN KazSSR)

TITLE: Determination of impurities in high-purity cadmium

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 8, 1966, 980-984

TOPIC TAGS: cadmium, cadmium metal, impurity determination, high purity cadmium, cadmium nitrate

ABSTRACT: A method has been developed for the spectrochemical determination of 10^{-4} — $10^{-6}\%$ impurities in cadmium after their concentration by coprecipitation with cadmium diethyldithiocarbamate. The method was applied to the analysis of high-purity cadmium metal and cadmium nitrate. The relative experimental error is $\pm 25\%$. Orig. art. has: 2 figures and 3 tables. [Authors' abstract]

SUB CODE: 07/ SUBM DATE: 23Nov64/ ORIG REF: 007/ OTH REF: 001/

Card 1/1

vmb

YERDENBAYEVA, M.I.; USENOVA, Z.M.

Phase analysis of selenium compounds in sulfuric acid sludge.
Zav. lab. 30 no.10:1190-1192 '64.
(MIRA 1814)

1. Institut khimicheskikh nauk AN KazSSR.

L 21199-65 EWT(m)/EWP(t)/EWP(b) IJP(-) 757-1
ACCESSION NR AT5001025

S/2850/64/012/000/C172/0162

AUTHOR: Usenova, Z.M., Yerdenbayeva, M.I.

TITLE: The use of sodium amalgam for extracting selenium from lead sludge /
использование серебра и сплавов для извлечения селена из отходов свинца /

SOURCE: AN KazSSR - Institute of Chemistry, Institute of Technology,
Almaty, Kazakhstan, 1980, No. 10, p. 10-13, 15-16, 20-21, 24-25, 28-29, 32-33, 36-37, 40-41, 44-45, 48-49, 52-53, 56-57, 60-61, 64-65, 68-69, 72-73, 76-77, 80-81, 84-85, 88-89, 92-93, 96-97, 100-101, 104-105, 108-109, 112-113, 116-117, 120-121, 124-125, 128-129, 132-133, 136-137, 140-141, 144-145, 148-149, 152-153, 156-157, 160-161, 164-165, 168-169, 172-173, 176-177, 180-181, 184-185, 188-189, 192-193, 196-197, 198-199, 200-201, 204-205, 208-209, 212-213, 216-217, 220-221, 224-225, 228-229, 232-233, 236-237, 240-241, 244-245, 248-249, 252-253, 256-257, 260-261, 264-265, 268-269, 272-273, 276-277, 280-281, 284-285, 288-289, 292-293, 296-297, 298-299, 300-301, 304-305, 308-309, 312-313, 316-317, 320-321, 324-325, 328-329, 332-333, 336-337, 340-341, 344-345, 348-349, 352-353, 356-357, 360-361, 364-365, 368-369, 372-373, 376-377, 380-381, 384-385, 388-389, 392-393, 396-397, 398-399, 400-401, 404-405, 408-409, 412-413, 416-417, 420-421, 424-425, 428-429, 432-433, 436-437, 440-441, 444-445, 448-449, 452-453, 456-457, 460-461, 464-465, 468-469, 472-473, 476-477, 480-481, 484-485, 488-489, 492-493, 496-497, 498-499, 500-501, 504-505, 508-509, 512-513, 516-517, 520-521, 524-525, 528-529, 532-533, 536-537, 540-541, 544-545, 548-549, 552-553, 556-557, 560-561, 564-565, 568-569, 572-573, 576-577, 580-581, 584-585, 588-589, 592-593, 596-597, 598-599, 600-601, 604-605, 608-609, 612-613, 616-617, 620-621, 624-625, 628-629, 632-633, 636-637, 640-641, 644-645, 648-649, 652-653, 656-657, 660-661, 664-665, 668-669, 672-673, 676-677, 680-681, 684-685, 688-689, 692-693, 696-697, 698-699, 700-701, 704-705, 708-709, 712-713, 716-717, 720-721, 724-725, 728-729, 732-733, 736-737, 740-741, 744-745, 748-749, 752-753, 756-757, 760-761, 764-765, 768-769, 772-773, 776-777, 780-781, 784-785, 788-789, 792-793, 796-797, 798-799, 800-801, 804-805, 808-809, 812-813, 816-817, 820-821, 824-825, 828-829, 832-833, 836-837, 840-841, 844-845, 848-849, 852-853, 856-857, 860-861, 864-865, 868-869, 872-873, 876-877, 880-881, 884-885, 888-889, 892-893, 896-897, 898-899, 900-901, 904-905, 908-909, 912-913, 916-917, 920-921, 924-925, 928-929, 932-933, 936-937, 940-941, 944-945, 948-949, 952-953, 956-957, 960-961, 964-965, 968-969, 972-973, 976-977, 980-981, 984-985, 988-989, 992-993, 996-997, 998-999, 1000-1001, 1004-1005, 1008-1009, 1012-1013, 1016-1017, 1020-1021, 1024-1025, 1028-1029, 1032-1033, 1036-1037, 1040-1041, 1044-1045, 1048-1049, 1052-1053, 1056-1057, 1060-1061, 1064-1065, 1068-1069, 1072-1073, 1076-1077, 1080-1081, 1084-1085, 1088-1089, 1092-1093, 1096-1097, 1098-1099, 1100-1101, 1104-1105, 1108-1109, 1112-1113, 1116-1117, 1120-1121, 1124-1125, 1128-1129, 1132-1133, 1136-1137, 1140-1141, 1144-1145, 1148-1149, 1152-1153, 1156-1157, 1160-1161, 1164-1165, 1168-1169, 1172-1173, 1176-1177, 1180-1181, 1184-1185, 1188-1189, 1192-1193, 1196-1197, 1198-1199, 1200-1201, 1204-1205, 1208-1209, 1212-1213, 1216-1217, 1220-1221, 1224-1225, 1228-1229, 1232-1233, 1236-1237, 1240-1241, 1244-1245, 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1598-1599, 1600-1601, 1604-1605, 1608-1609, 1612-1613, 1616-1617, 1620-1621, 1624-1625, 1628-1629, 1632-1633, 1636-1637, 1640-1641, 1644-1645, 1648-1649, 1652-1653, 1656-1657, 1660-1661, 1664-1665, 1668-1669, 1672-1673, 1676-1677, 1680-1681, 1684-1685, 1688-1689, 1692-1693, 1696-1697, 1698-1699, 1700-1701, 1704-1705, 1708-1709, 1712-1713, 1716-1717, 1720-1721, 1724-1725, 1728-1729, 1732-1733, 1736-1737, 1740-1741, 1744-1745, 1748-1749, 1752-1753, 1756-1757, 1760-1761, 1764-1765, 1768-1769, 1772-1773, 1776-1777, 1780-1781, 1784-1785, 1788-1789, 1792-1793, 1796-1797, 1798-1799, 1800-1801, 1804-1805, 1808-1809, 1812-1813, 1816-1817, 1820-1821, 1824-1825, 1828-1829, 1832-1833, 1836-1837, 1840-1841, 1844-1845, 1848-1849, 1852-1853, 1856-1857, 1860-1861, 1864-1865, 1868-1869, 1872-1873, 1876-1877, 1880-1881, 1884-1885, 1888-1889, 1892-1893, 1896-1897, 1898-1899, 1900-1901, 1904-1905, 1908-1909, 1912-1913, 1916-1917, 1920-1921, 1924-1925, 1928-1929, 1932-1933, 1936-1937, 1940-1941, 1944-1945, 1948-1949, 1952-1953, 1956-1957, 1960-1961, 1964-1965, 1968-1969, 1972-1973, 1976-1977, 1980-1981, 1984-1985, 1988-1989, 1992-1993, 1996-1997, 1998-1999, 2000-2001, 2004-2005, 2008-2009, 2012-2013, 2016-2017, 2020-2021, 2024-2025, 2028-2029, 2032-2033, 2036-2037, 2040-2041, 2044-2045, 2048-2049, 2052-2053, 2056-2057, 2060-2061, 2064-2065, 2068-2069, 2072-2073, 2076-2077, 2080-2081, 2084-2085, 2088-2089, 2092-2093, 2096-2097, 2098-2099, 2100-2101, 2104-2105, 2108-2109, 2112-2113, 2116-2117, 2120-2121, 2124-2125, 2128-2129, 2132-2133, 2136-2137, 2140-2141, 2144-2145, 2148-2149, 2152-2153, 2156-2157, 2160-2161, 2164-2165, 2168-2169, 2172-2173, 2176-2177, 2180-2181, 2184-2185, 2188-2189, 2192-2193, 2196-2197, 2198-2199, 2200-2201, 2204-2205, 2208-2209, 2212-2213, 2216-2217, 2220-2221, 2224-2225, 2228-2229, 2232-2233, 2236-2237, 2240-2241, 2244-2245, 2248-2249, 2252-2253, 2256-2257, 2260-2261, 2264-2265, 2268-2269, 2272-2273, 2276-2277, 2280-2281, 2284-2285, 2288-2289, 2292-2293, 2296-2297, 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L 21199-65

ACCESSION NR: AT5001025

products did not interfere with the passage of selenium into the solution and that sodium amalgam could solute 98.74-99.65% of the selenium present. The interaction of the elements with sodium amalgam was not inhibited by the presence of Zn and Pb, so that as Selenium in sublimate appeared mainly as mercury selenides and selenites.

..... were close to quantitative. This method is thus applicable to the isolation of these elements in sublimate. Orig. art. has: 11 tables and 4 chemical equations

ASSOC. A.I.E.N.: Institut Kahlteck, Erlangen - Alzey, Germany

AMERICAN SOY: 021

OTL ER: 002

6-12-27

L 23079-65 EPA(s)-2/EAT(m)/IAP(t)/CAB(b) PT-10 IJP(c) RDW/JD/CY

ACCESSION NR: AP4049825

S/0360/64/000/003/0046/0048

AUTHOR: Yerdenbayeva, M.I.; Userova, Z.M.

TITLE: Separation of selenium from mercury in sublimates

SOURCE: AN KazSSR. Izvestiya. Seriya khimicheskikh nauk, no. 3, 1964, 46-48

TOPIC TAGS: selenium sublimate, selenium separation, mercury selenide, sodium amalgam

ABSTRACT: Selenium-containing slurries resulting from the purification of roasting gases from sulfuric acid-supерphosphate plants enter, depending on the origin

mercury selenide zones over into the solution (1 - 10 ml amalgam + 25 ml water) quantitatively as sodium selenide, while the mercury salts are reduced and incorporated into the amalgam. The selenide is separated by precipitation with ammonium sulfide. It is then extracted from the solution by acidifying it with hydrochloric acid. Laboratory tests were repeated using actual plant sublimates with the following yields (in %) compared to the analytical Se

Card 1/2

L 23079-65

ACCESSION NR: AP4049825

content in the sublimate: 27.91/27.80; 21.50/20.30; 61.95/62.15. Orig. art. has:
3 tables.

ASSOCIATION: None

SUBMITTED: 20Feb64

ENCL: 00

SUB CODE: IC, GC

NO REF SOV: 002

OTHER: 001

Card 2/2

USENOVA, Z.M.; MAMONOV, G.P.; YERDENBAYEVA, M.I.

Separation of selenium, tellurium, and sulfur in sublimates.
Zhur. neorg. khim. 9 no.7:1547-1551 Jl '64.

1. Institut khimicheskikh nauk AN Kazakhskoy SSR.

L 23596-65 ENT(m)/EFF(c)/T Pr.4 WE
ACCESSION NR: AP4049879

S/0360/64/000/001/0075/0079

AUTHOR: Bayarstanova, Zh. Zh.; Gutsalyuk, V. G.; Yerdenova, Sh. Ye.; D'yachkov, G. A.

TITLE: Composition of the hydrocarbon components of thermocracking residues

SOURCE: AN KazSSR. Izvestiya. Seriya khimicheskikh nauk, no. 1, 1964, 75-79

TOPIC TAGS: thermocracking residue, hydrocarbon thermocracking residue, Emba petroleum, petroleum refining, column chromatography

ABSTRACT: Considering that more than 30% of the crude oil subjected to thermal cracking forms a resin-rich residue, it was important to know the composition of this residue for its eventual utilization. Taking the cracking residues of the Emba refinery (which contained 30% resins) and separating them by column chromatography on a column 100 mm in diameter and 900 mm long, the separation gave the following results: paraffin hydrocarbons 12.5%, medium aromatics 17.5%, heavy aromatics 17.9%, resins 21.7%. The medium aromatics consist of one aromatic and one naphthalene ring with aliphatic

Card 1/2

L 23596-65

ACCESSION NR: AP4049879

side chains. The oxygen, sulfur and nitrogen content increases from the paraffin-naphthalenes to the resins, while the H:C ratio decreases from 1.9 to 0.9 in the same order. (See Figures 1 and 2.)

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, GC

NO REF SOV: 011

OTHER: 001

Card 2/2

Country : YUGOSLAVIA

Category: Forestry. Dendrology.

K

Abs Jour: RZhBiol., No 11, 1958, No 48720

Author : Yerdeshi, Josip

Inst : -

Title : Curly Grain in Ash.

Orig Pub: Shumarstvo, 1957, 10, No 5-6, 345-350

Abstract: No abstract.

Card : 1/1

K-12

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8"

YERDZHANOV, K.N.; SAGUNOV, P.G., red.

[Granite intrusions and pegmatites in the Tarbagatai Range] Granitnye intruzii i pegmatity Tarbagataia. Alma-Ata, Kazakh. nauchn.-issl. in-t mineral'nogo syr'ya MG i ON Kazakh. SSR, 1963. 278 p. (MIRA 17:9)

YESENOV, Shaktimardin Yeserovich; KUZIN, Mikhail Fedorovich;
YERDZHANOV, Kariboz Nagayevich; IVKIN, N.M., otv. red.;
SAGUNOV, P.G., red.izd-va

[Prospecting for pegmatite deposits, piezooptic and ceramic mineral resources in Kazakhstan] Poiski i razvedka pegmatitovych mestorozhdenii p'ezoopticheskogo i keramicheskogo mineral'nogo syr'ia na territorii Kazakhstana. Alma-Ata, Kazakhskii nauchno-issl. in-t mineral'nogo syr'ia MG i ON KazSSR, 1963. 109 p. (MIRA 17:1)

AID P - 5257

Subject : USSR/Engineering

Card 1/2 Pub. 11 - 8/15

Authors : Veregin, L. P. and A. A. Pilipenko (Novo-Kramotorsk
Machine-Building Plant im. Stalin)

Title : Resistance slag welding of water-wheel shafts

Periodical : Avtom. svar., 4, 88-95, Ap 1956

Abstract : The welding procedure in making three turbine shafts
(each of 45 tons) for the Varvarinskaya Hydroelectric
Power Plant (in Georgia) and the equipment used are
concisely described. This work was done by the Electro-
welding Institute im. Paton jointly with the Novo-
Kramotorsk Heavy Machine-Building Plant im. Stalin. The
same method was used in 1954-55 for welding shafts for
the Kuybyshev and Stalingrad Hydroelectric Power Plants,
utilizing the resistance slag welding instead of con-
ventional casting and forging, which requires more than
double the metal and time. Five drawings, 1 photo and
1 table.

Avtom. svar., 4, 88-95, Ap 1956

AID P - 5257

Card 2/2 Pub. 11 - 8/15

Institutions: As above

Submitted : No date

AID P - 5259

Subject : USSR/Engineering

Card 1/1 Pub. 11 - 10/15

Authors : Yeregin, I. P., G. G. Meyramov, and A. A. Pilipenko
(Novo-Kramatorskiy Machine Building Plant).

Title : Resistance slag welding of slider for a 6,300-ton
forging and stamping power press.

Periodical : Avtom. svar., 4, 104-107, Ap 1956

Abstract : The welding procedure in making a heavy slider out of
two pieces (7.5 and 30 ton) for a large power press is
briefly described. Three tables, 2 drawings and 1 graph.

Institution : As above

Submitted : No date

25(5)

SOV/125-59-3-1/13

AUTHOR: Voloshkevich, G.Z., Dudko, D.A., Chernykh, W.W., and Yeregin, L.P.

TITLE: New Method for Electro-Welding with Covered Electrode by Melting Work Pieces (Novyy sposob elektroshlakovoy svarki plavyashchimysya mundshtukom)

PERIODICAL: Avtomaticheskaya svarka, 1959, Vol 12, Nr 3, pp 3-7 (USSR)

ABSTRACT: By this new method it is possible to weld intricate profiles of practically any thickness. It is characterized by thin pieces of tubing (Fig. 1a), conducting the leads for the supply of electricity, which are welded to melting work pieces (Fig. 1a) of steel Ms-1. Insulation between the two pieces to be welded is provided by glass in prismatic shape. (Fig. 1 and 4). When the welding process is in progress, this gives rise to a pool of slag and a pool of metal (Fig. 1,5 and 6). Fig. 2,3 and 5 give instances of parts of a water turbine to be welded. Fig. 4 shows the welding of a difficult defect. The manufacture of a large ram (Fig. 6 and 7) by this

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SOV/125-59-3-1/13

New Method for Electro-Welding with Covered Electrode by Melting Work
Pieces

welding process is mentioned as a particular feat. With a dimension of 3120 x 2020 mm of the surfaces to be joined by welding, the process was finished within 14 hours by using 12 melted work pieces. There are 5 diagrams and 2 photographs.

ASSOCIATION: Ordona trudovogo krasnogo znameni institut elektrosvarki im. Ye. O. Patona AN USSR. (Order of the Red Banner of Labor Institute for Electro-Welding imeni Ye. O. Paton, AS UkrSSR) Novo-kramatorskiy mashinostroitel'nyy zavod (Novo-Kramatorskiy Factory for Machine Construction)

SUBMITTED: January 17, 1959

Card 2/2

VEREISTOV, N.K., inzh.; SIDOROV-BIRYUKOV, D.F., inzh.

Electric battery locomotive for operational needs of
subways. Gor.khoz.Mosk. 36 no.2:42 F '62. (MIRA 16:2)
(Electric locomotives)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8"

YERREKHTIN, Ya.D.

A new method of winning resins from tree stumps. Gidroliz. i
lesokhim prom. 8 no.2:24-25 '55. (MIRA 8:10)

1. Glavnnyy inzhener tresta "Khimleszag"
(Gums and resins)

RABINOVICH, Z.L. [Rabinovych, Z.S.]; YEREMA-YEREMENKO, A.A. [IErema-
IEremenko, A.A.]

Calculating the sensitivity of a trigger with automatic bias.
Dop. AN URSR no.8:1009-1014 '63. (MIRA 16:10)

1. Institut kibernetiki AN UkrSSR. Predstavлено академиком
АН UkrSSR V.M.Glushkovym [Glushkov, V.M.].
(Electric computers)

YELISEYEV, A.A.; YEREMBAKH, Ye.I.; VIGILEVA, Ye.S.; ANTONOVA, L.I.;
ZACHATSKAYA, A.V.

Polymorphism of lanthanum. Zhur. neorg. khim. 9 no.5:
1032-1037 My '64. (MIRA 17:9)

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

YEREMEYEV, R.I.; VITILINA, Ye.S.; YELISEYEV, A.A.

Synthesis of lanthanum tellurides. Izv. AN SSSR. Neorg. mat.
1 no.2:167-170 F '65. (MIRA 18:7)

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

PATRIN, A.A.; YEREMCHENKO, M.I.; RYZHAKOV, P.V.; BAKHIR, Y.M.V.; DEKAPOLITOV, I.P.

Concerning the article "Mounting of wire broadcasting networks and electric power transmission lines on common poles." Prom. energ. 17 no.8:32-34
Ag '62. (MIRA 16:4)

1. Belomorskaya elektroset' Karel'skoy ASSR (for Patrin). 2. Gossel'-elektronadzor, g. Groznyy (for Yeremchenko). 3. Glavnoye upravleniye elektrifikatsii sel'skogo khozyaystva, g. Groznyy (for Ryzhakov).
4. Tuymazaneft' (for Bakhir). 5. Darnitskiy setevoy rayon Yugo-Zapadnoy zheleznoy dorogi (for Dekapolitov).
(Electric lines—Overhead) (Electric lines—Poles and towers)

ANDREYEV, V.; YEREMCHENKO, N.

Photographer corps of the "Pionerskaja Pravda". Sov.foto 22
no.5:17 My '62. (MIRA 15:5)

1. Zaveduyushchiy otdelom illyustratsii "Pionerskoy pravdy"
(for Andreyev). 2. Zamestitel' etvetstvennogo sekretarya
"Pionerskoy pravdy" (for Yeremchenko).
(College and school journalism)

YEREMEISHVILLI, I.P., Cand Tech Sci—(disc) "Study of the kinetics and dynamics of the tea leaf wilting process." Tbilisi, 1958. 25 pp with graphs (Min of Agr USSR. Georgian Order of Labor Red Banner Agr Inst), 100 copies (KL,26-58,109)

- 62 -

ACCESSION NR: AP4009356

S/0078/64/009/001/0220/0221

24

AUTHOR: Lukashenko, G. M., Yeremenko, V. N.; Sidorko, V. P.

3

JOURNAL: Zhurnal neorganicheskoy khimii, v. 9, no. 1, 1964

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 1, 1964, 220-221

TOPIC TAGS: silver antimony system, silver antimony thermodynamic properties, entropy, enthalpy, entropy, heat capacity

ABSTRACT: The thermodynamic properties of the Ag-Sb solid state system were studied by measuring the e.m.f. and the temperature coefficients of the e. m. f. of the concentrated circuit $\text{Ag}_{\text{solid}} \parallel \text{AgI} \parallel (\text{Ag-Sb})_{\text{solid}}$. Results are summarized in the enclosed figures. For the phase of stoichiometric composition Ag_2S , $\Delta Z^0 = -960 \text{ cal./gm. atom}$, $\Delta S = 1.28 \text{ a.u.gm. atom.degree.}^{-1}$, $\Delta H = 4.4 \text{ a.u.gm. atom}$. The e.m.f.--temperature function is expressed by the equation: $E = 0.0491 - 0.745 \times 10^{-4}(t-350)v$. Change of the composition of the epsilon phase

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L 27180-65

ACCESSION NR: AP4009356

(based on Ag₃Sb) in the area of homogeneity does not significantly affect thermo-dynamic properties of this phase. Orig. art. has: 2 figures and 4 equations.

ASSOCIATION: None

SUBMITTED: 04May63

ECL: 02

SUB CODE: IC, TD

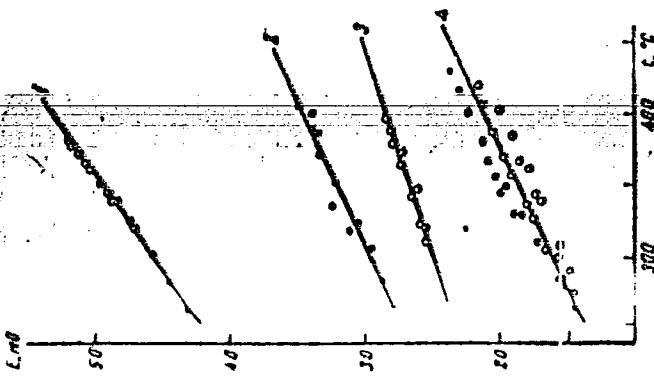
NO REF Sov: 004

OTHER: 001

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L 27180-65
ACCESSION NR: AP4009356

ENCLOSURE: 01



Card 3/4

L 27180-65
ACCESSION NR: AP4000356

ENCLOSURE: 02

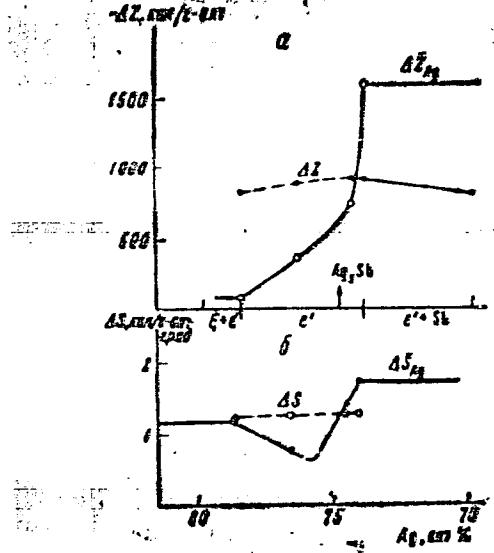


Fig. 2. (a) relationship between integral and partial value of the isobaric-isothermal potential at 713°K and composition.
(b) relationship between integral and partial entropy and composition

FIG. 2

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CIA-RDP86-00513R001962710016-8

YERFENKO, A., marshal Sovetskogo Soyuza

In the battles for the Soviet Baltic. Kom. Vozruzh. Sil 5 no.20:
47-52 O '64. (MIRA 17:11)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962710016-8"

YEREMENKO, A.

Automobile milage is the basic index. Sots. trud no.10:88-91 O '56.
(MIRA 9:11)

1. Inzhener-normirovshchik transportnogo tsentral'nogo Sorskogo kombinata,
Krasnoyarskiy kray.
(Automobiles--Repairing) (Wages)

YEREMENKO, A.

Experience in scheduling wages for repair and service workers in
motor transport enterprises. Avt.transp. 34 no.11:10-11 N '56.
(Automobiles---Repairing) (Wages)

YEREMENKO, A.

A cause for the entire collective. Sov.profsoiuzy 6 no.13:58.
0 '58. (MIRA 11:11)

1. Predsedatel' komiteta profsoyuza transportnogo tsekha
Sorskogo gorno-obogatitel'nogo kombinata (poselok Dzerzhinskij,
Krasnoyarskogo kraja).

(Dzerzhinskij (Krasnoyarsk Territory)--Mineral industries)

YEREMENKO, Antonina

Record achieved by Antonina Yeremenko. Nauka i pered op. v sel'khoz.
Nauka i pered. op. v sel'khoz. 8 no.1:10-12 Ja '57. (MIRA 11:2)

1.Zven'yevaya kolkhoa imeni Karla Marks'a, Skalatskogo rayona,
Ternopol'skoy oblasti.

(Corn (Maize))

YEREMENKO, Andrey Ivanovich, marshal Sovetskogo Soyuza, deputat Verkhovnogo Soveta Soyuza SSSR; AFANAS'YEV, A.G., red.; SOLOMONIK, B.L., tekhn.red.

[Stalingrad; notes of the commanding general of the front] Stalingrad; zapiski komanduiushchego frontom. Moskva, Voen.izd-vo M-va obor. SSSR, 1961. 502 p. [Album of charts] Al'bom skhem. (MIRA 14:4) 22 p.

(Stalingrad, Battle of, 1942-1943)

D

YEREMENKO, A.I., marshal Sovetskogo Soyuza, Geroy Sovetskogo Soyuza

Great achievement of the army and the people. Voen.znan. 38
no.5:3-4 My '62. (MIRA 15:5)
(World War, 1939-1945) (Russia—Armed forces)

MAKOGON, N.S., referent; YEREMENKO, A.K.

New apparatus for cleaning coal and ores (from "Mines," no.5. 1958).
Koks i khim. no.1:60-61 '60. (MIRA 13:6)
(Grenoble, France--Coal preparation--Equipment and supplies)

CHERNYY, G.I., gorny inzh.; YEREMEJKO, A.K., inzh.

Mechanical movable longwall supports in British mines. ^{Ugol' Ukr.}
no.6:42 Je '60. (MIRA 13:7)
(Great Britain—Mine timbering)

MAKOGON, N.S.; YEREMENKO, A.K.

Use of petroleum bitumen for briquetting coal fines in the United States (from "Revue de l'Industrie Minerale," no.1, 1960). Ugol' Ukr. 5 no.2:40 P '61. (MIRA 14:3)
(United States—Briquets(Fuel))

MAKOGON, N.S.; YEREMENKO, A.K.

Coal preparation in India. Ugol' Ukr. no.6:44 Je '61.
(India—Coal preparation)

MAKOGON, N.S.; YEREMENKO, A.K.

Coal drying by means of vibration (from "Colliery
Guardian," May, 1961; "Annales des Mines," March, 1962).
Ugol' Ukr. 6 no.8:45 Ag '62. (MIRA 15:11)
(Coal drying) (Vibrators)

YEREMENKO, A.L.

Behavior characteristics of certain potato species in Novosibirsk.
Biul.Glav.bot.sada no.23:82-89 '55.
(MIRA 9:7)

1.Botanicheskiy sad Zapadno-Sibirskego filiala Akademii nauk SSSR.
(Novosibirsk--Potatoes)

YEREMENKO, A.O. [IEremenko, A.O.], assistent

Some mistakes in the diagnosis of parenteral dyspepsias. Ped., akush.
i gin. 23 no.3:9-11 '61. (MIRA 15:4)

1. Kafedra fakul'tetskoy pediatrii (zav. - prof. V.G.Balaban [Balaban,
V.H.]) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta
im. akademika Bogomol'tsa (direktor - dotsent V.D.Bratus').
(DYSEPSIA) (INFANTS—DISEASES)

YEREMENKO, A.P.

A region of great riches. Nauka i zhyttia 10 no.2:18-21
P '60. (MIRA 13:6)

1. Predsedatel' Stanislavskogo sovmarkhosa.
(Stanislav economic region—Industries)

YEREMENKO, A.P.

Ukrainian S.S.R. Prom.koop. no.1:3-5 Ja '57.

(MLRA 10:4)

1. Predsedatel' Pravleniya Ukrpromsoveta.
(Ukraine--Cooperative societies)

*BN**YEREMENKO, A.P.**AT*

Binary systems of dimethylated cyclic monomers. I. V. M. Kravchenko and A. P. Yeremenko. *J. appl. Chem., USSR*, 1969, 52, 613-619).—A continuation of previous work (cf. A., 1961, I, 178). In the system dimethyl-pyridine (I) a continuous series of mixed crystals has its min. at -18° and 79.1 mol-% of I. Structural similarity of both components excludes the formation of solid solutions. The measurements made for this system on the liquidus line agree well with Klemm and McCarter's data (cf. A., 1969, I, 110). The system I-C₂H₆ gives a eutectic at -49.6° and 26.6% of C₂H₆. The actual diagram shows appreciable positive deviations from the ideal (calculated from m.p. and heat of fusion assumed to be equal).

over

to the heat of solution), the actual eutectic being 15° higher than the ideal one. The difference in cohesive energy densities is probably responsible for the above deviations. The eutectic in the system $\text{C}_2\text{H}_5\text{N}$ occurs at -50° and 15.8% of L. This is about 30° above the ideal eutectic temp., i.e. also the composition is about 30% above the ideal eutectic. The calculated values of the eutectic in the system $\text{C}_2\text{H}_5\text{N}$ differ by more than 60% from the calculated values. Large positive deviations from the ideal diagram are probably due to the difference in cohesive energy densities and potentials due to the difference in eutectic diagrams for the system $\text{C}_2\text{H}_5\text{N}$ -dioxane of both part. The eutectic diagram for the system $\text{C}_2\text{H}_5\text{N}$ -dioxane almost coincides with the ideal one. The eutectic occurs at -50° and 26.8 mol.-% of $\text{C}_2\text{H}_5\text{N}$. The system $\text{C}_2\text{H}_5\text{N}$ - $\text{C}_2\text{H}_5\text{N}$ is represented by an eutectic diagram with solid solutions limited to compositions with high content either of $\text{C}_2\text{H}_5\text{N}$ or of $\text{C}_2\text{H}_5\text{N}$. The liquidus line lies quite close to the calculated curve. Here the eutectic occurs at -87° and 74 mol.-% of $\text{C}_2\text{H}_5\text{N}$, which agrees with literature data. The eutectic diagram for the system $\text{C}_2\text{H}_5\text{N}$ -dioxane almost coincides with the calculated one. The eutectic is at -81° and 81.8 mol.-% of $\text{C}_2\text{H}_5\text{N}$.

J. B. J. ZABA.

C A YEREMENKO, H-F.

Binary systems of six-membered cyclic molecules. V
M. Kravchenko and A. P. Yeremenko. *J. Applied Chem. U.S.S.R.*, **23**, 817 (1970) [TRANSLATION: J. C. S., **45**, 6012]. The phase equilibria existing between the liquid and cryst. phases were investigated by thermal analysis for 6 related binary systems made up of 3 components. Cyclohexane-dioxane gives a solid soln. diagram with min. point at ~12.0° and 21.0 mol. % dioxane. Steric similarity of the mols. explains the extensive solid soln. The remaining systems give eutectic phase diagrams with the following eutectic points: cyclohexane-benzene -12.5°, 29.5 mol. % benzene; cyclohexane pyridine -50.0°, 13.5 mol. % cyclohexane; benzene-dioxane -20.0°, 13.5 mol. % dioxane; benzene-pyridine -57.0°, 25.5 mol. % benzene; pyridine-dioxane -51.0°, 18.5 mol. % dioxane. Deviations from the ideal diagrams are explained as due to polarity differences, internal pressures, and steric factors of the constituent mols. Lengy Alexander

KRAVCHENKO, V.M.; YEREMENKO, A.P.

Two-component solid solutions among the trinucleate molecules fluorene,
phenanthrene, anthracene, and carbazole. J.appl.Chem. USSR '52, 25,
662-668.
(MLRA 5:7)

(BA-AL Je '53:513)

(CA 47 no.19:9742 '53)

YEREMENKO, A. P.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

Ocher
Two-component solid solutions of three-ring molecules
of fluorene, phenanthrene, anthracene, and carbazole.
V. M. Kravchenko and A. P. Yeremenko. J. Appl. Chem.
U.S.S.R. 25, 737-42 (1952) (Engl. translation).—See C.A.
47, 9742d. H. L. H.

KISELEV, I.I. (Al'met'yevsk, Tatarskaya ASSR); VALIYEV, M.G., inzh.; MICHKOV, N.;
YEREMENKO, A.S.; SEMENOV, V.I., inzh.

Readers' letters. Bezop.truda v prom. 6 no.11:35 N '62. (MIRA 16:2)

1. Tuganskoye rudoopravleniye, BASSR (for Valiyev).
2. Starshiy inzh. otdela tekhniki bezopasnosti Izhevskogo mashinostroitel'nogo zavoda (for Michkov).
3. Shakhta No. 16 im. "Izvestiy", Luganskaya oblast' (for Yeremenko).

(Industrial safety)

YEREMENKO, A.S., kand.tekhn.nauk; KUTSIN, E.A., kand.tekhn.nauk

Using the optical method of bands for studying flow around
turbine sections. Trudy Inst.tepl.AN URSR no.7:3-7 '52.

(MIRA 13:5)

(Turbines--Fluid dynamics)

SHVETSOV, P.D., prof.; YEREMENKO, A.S., kand.tekhn.nauk; KUTSIN, E.A.,
kand.tekhn.nauk

Problem of raising the resistance of turbine blades to erosion
blades. Trudy Inst.tepl.AN URSR no.7:21-25 '52. (MIRA 13:5)
(Cavitation) (Turbines--Blades)

YEREMENKO, A.S., kandidat tekhnicheskikh nauk; SAYKOVSKIY, M.I., kandidat
tekhnicheskikh nauk; VEL'S, S.Y., inzhener

Aerodynamic study of the exhaust pipe of a steam turbine. Trudy Inst.
tepl. AN URSR no.8:78-100 '52. (MIRA 8:7)
(Steam turbines)

YEREMENKO, A.S., kandidat tekhnicheskikh nauk; PECHUK, V.I., kandidat tekhnicheskikh nauk; YEDOSENKO, A.P., inzhener.

Measurement of parameters in a stream of steam. Trudy Inst.tepl.URSR no.12:
54-58 '55.
(Steam turbines) (Pressure (Physics)--Measurement)

YEREMENKO, A.S.

124-1957-2-1745

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 43 (USSR)

AUTHORS: Yeremenko, A.S., Saykovskiy, M.I.

TITLE: Model Tests of the Aerodynamics of the Inlet Duct of a Compressor
(Modelirovaniye aerodinamiki vsasyvayushchego patrubka kompressora)

PERIODICAL: Sb. tr. In-ta teploenerg. AN UkrSSR, 1955, Nr 12, pp 140-149

ABSTRACT: The results of experiments are shown, investigating the effect
on the structure of a flow of an extension installed at the entry and
of a blade cascade placed at the exit of an inlet duct.

I.S.Simonov

1. Compressors--Aerodynamic characteristics

Card 1/1

YEREMENKO, O.S.

YEREMENKO, O.S.; DIBAN, Ye.P.

Increasing the efficiency and economy of steam and gas turbines.

Visnyk AN URSR 26 no.8:51-54 Ag'55.

(MLRA 8:11)

(Turbines)

YEREMENKO, A.S.; PECHUK, V.I.

Experimental investigation of steam flow in turbines with
staged speeds. Prykl. mekh. 2 no.1:80-91 '56. (MLRA 10:2)

1. Institut teploenergetiki Akademii nauk URSR.
(Steam turbines)

YEREMENKO, A.S.; SAYKOVSKIY, M.I.

Aerodynamic investigation of a turbine diffusor nozzle allowing
for blade cascade resistance at the entry and outlet. Trudy Inst.
tepl,AN URSR no.13:41-52 '56. (MLRA 10:5)
(Turbines)

SOV/124-57-7-7754

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 40 (USSR)

AUTHORS: Yeremenko, A. S., Pechuk, V. I.

TITLE: Flow Investigation of Turbines With a Partial Steam Flow (Issledovaniye techeniya v turbinakh s partsial'nym podvodom para)

PERIODICAL: Sb. tr. In-ta teploenerg. AN UkrSSR, 1956, Nr 13, pp 60-73

ABSTRACT: Results are given of an experimental investigation made of a partial-steam-flow steam turbine having three velocity stages. Though the turbine tested was of impulse-type design, supersonic flow velocities caused compression shocks in the axial gaps of the stages, which resulted in a corresponding increase in the degree of reactivity. This latter, in the case of a partial-steam-flow turbine, leads to increased escape of steam through the radial and axial gaps of the stages. Hence, to increase the efficiency of a turbine having velocity stages, some degree of reactivity, and a partial steam flow, the authors recommend that these gaps be packed.

V. Kh. Abiants

Card 1/1