

LEONID KREY, L. A.

"The Behavior of Rhenium in Beneficiation Processes and the Possibilities for
Extracting It by Hydrometallurgical Means."

report presented at the Conference on Beneficiation of Useful Minerals, sponsored
by the Learned Council of the IGD, AS USSR, Balakhash/Karagands, 29 Nov - 4 Dec 1960.

RODZAYEVSKIY, V.

610. INVESTIGATION OF SYNTHETIC CERESINE. Rodzayevskii, V. (Nov. Noft. Tekh. (News Petrol. Tech., Moscow), 1955, (5), 14-21; Abstr. in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1956, (9), 26601). The ceresine was a commercial product obtained in the synthesis of hydrocarbons from carbon monoxide and hydrogen. It was divided into five fractions of different melting point (26 to 120°C) and microstructure by selective extraction with other ether (with subsequent precipitation with alcohol), dichloroethane and chloroform. The fraction which was insoluble in 68% alcohol-ether when cold was decomposed by heating in alcohol-ether and extracting with dichloroethane to paraffin wax and ceresine. The micro-structure of all samples differed from that of petroleum paraffin waxes and ceresines. The synthetic product under examination contained 59% hydrocarbons similar to petroleum hydrocarbons of which 17% were ceresines and 42% paraffins, and also hydrocarbons with a melting point of 105°C and a spherulitic micro-structure. Petroleum ceresines from Borislav contain a minimum of 57.8% of the ceresine fraction and a maximum of 29% of the paraffin fraction. The composition of synthetic ceresine partly explains its inferiority to petroleum ceresine. Lubricants produced on the basis of a 2:1 mixture of ceresine and paraffin fractions from synthetic ceresine were worse than one based on Borislav ceresine. They had a brittle granular structure, poor consistency, and inferior thermal stability.

LFH

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S/136/61/000/011/004/007
E193/E383

5.2200

AUTHORS: Rodzayevskiy, V.V. and Lazarev, A.I.

TITLE: Preparation of high-purity tellurium

PERIODICAL: Tsvetnyye metally, no. 11, 1961, 52 - 54

TEXT: In an attempt to develop a rational method of preparation of tellurium with no more than 0.01 - 0.05% impurities, several refining processes were studied. Technical-purity Te and TeO₂ were used as the starting materials, their chemical analyses being given in Table 1. Acid and alkaline leaching in the presence of an oxidizing agent, smelting with NaOH and sulphating roasting were tried for refining crude tellurium. Of these, the latter method gave the best results, the bulk of Se being distilled-off in the second stage of the process at 500 - 550 °C. On leaching the sulphate with NaOH (used in a quantity 10% in excess of that theoretically required to convert all the tellurium to sodium tellurite), 98% of the initial Te content is recovered, other impurities (Cu, Fe, Cr and Al) being separated at the same time. After neutralizing the filtrate with H₂SO₄ tellurium dioxide was
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Preparation of high-purity

obtained containing 73.6% Te, 0.08 - 0.09% Se, 0.155% Fe and 0.14% S. Regarding the treatment of technical TeO_2 , a NaOH leach at 60 - 70 °C can be used to separate Si, Fe, Cr and magnesium, to reduce considerably the Cu and Al contents and to dissolve practically all the Te. Subsequent treatment with H_2SO_4 yields a product containing 69% Te, 0.04% Se, 3.27% Si, 0.10% Fe and 0.37% S. Since the stoichiometric content of Te in TeO_2 is 79.95% Te, the products obtained by either of the above methods can be regarded as fairly pure. Metallic tellurium can be obtained by dissolving TeO_2 in HCl, followed by precipitation of Te with SO_2 , by electrolysis in a NaOH solution and by reducing smelting, the two former methods being used in Soviet industry and the latter in Canada. Since the products obtained by the present authors from crude TeO_2 contained a large quantity of Si, the possibility of eliminating this impurity by reducing smelting was investigated. To this

Card 2/4

MAKIN, A.I.; LASHINA, V.I.; BOLEKHVSKIIY, V.V.

Catalytic properties of rhenium. Zhur. anal. khim. 18 no.2:
202-207 F 163. (MIRA 17:10)

I. Tselinograd Agricultural Institute.

RODZAYEVSKIY, V.V.; LAZAREV, A.I.

New sources for the preparation of rhenium. TSvet. met. 34
no.11:55-58 N '61. (MIRA 14:11)
(Rhenium) (Tailings (Metallurgy))

RODZAYEVSKIY, V.V.; SMIRNOVA, S.A.; PINEGINA, N.D.

Fluorine in the production of sulfuric acid from metallurgical
gases. TSvet. met. 38 no.5:44-45 My '65.

(MIRA 18:6)

LAZAREVA, V.I.; LAZAREV, A.I.; RODZAYEVSKIY, V.V.

Determination of molybdenum by its catalytic action. Zhur.anal.-
khim. 17 no.1:65-69 '62. (MIRA 15:2)

1. Tselinograd Agricultural Institute.
(Molybdenum--Analysis) (Catalysis)

S/137/62/000/006/055/163
A052/A101

AUTHORS: Lebedev, K. B., Rodzayevskiy, V. V.

TITLE: Rhenium extraction from mother liquors of calcium molybdate shops

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 18, abstract 6G139
(In collection: "Reniy", Moscow, AN SSSR, 1961, 62 - 66)

TEXT: As a result of processing poor Mo-concentrates after Ca molybdate precipitation mother liquors form which contain up to 30 mg/l Re. From mother liquors Mo is extracted selectively with the anionite "Espatit AN-1". Re is separated from Mo and in the following process is collected by activated carbon. The extraction of Mo from the mother liquor makes up 96% on an average. A detailed description of the ion-exchange method of Mo extraction and of the adsorption method of Re concentration is given. As a result of processing Mo-concentrates solutions are obtained containing 400 - 500 mg/l Re, they are evaporated to 12 - 15 g/l Re content, and Re is precipitated in the form of $KReO_4$ with a threefold amount of KCl. ✓

[Abstracter's note: Complete translation]

G. Svodtseva

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S/136/61/000/011/005/007
E193/E135

AUTHORS: Rodzayevskiy, V.V., and Lazarev, A.I.

TITLE: New sources of rhenium

PERIODICAL: Tsvetnyye metally, no.11, 1961, 55-58

TEXT: In a search for new sources of rhenium, its behaviour in ore-dressing processes and its content in mine waters and in Cu/Mo and polymetallic ores were studied. During beneficiation of Mo ores, Re followed Mo and no detectable quantities of Re were found in the tailings. The isomorphic mode of association between Re and Mo was indicated by the fact that it had proved impossible selectively to leach out Re during oxydation of Mo concentrates. On leaching a MoS₂ concentrate with a 30% sodium hypochlorite solution, the rate of dissolution of Re in the initial stages was faster than that of Mo, but the Re/Mo atomic concentration ratio (1.2×10^{-3}) in the final solution was practically identical with that in the concentrate. When MoS₂ becomes oxydized under natural conditions, Re is converted to water-soluble form, since, after becoming oxydized to the higher oxide Re₂O₇, it forms a strongly mono-basic acid HRe₂O₄ which can react with oxides or

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New sources of rhenium

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carbonates of alkali metals to form rhenates, all of which are more or less soluble in water. This explains the absence of Re in oxydized Mo, Mo/Cu, and polymetallic ores. Examination of polymetallic, sulphide ore deposits in Kazakhstan had revealed that there is no connection whatever between the occurrence of Re and that of other metals (Cu, Pb, Zn, etc). Out of 200 samples analysed, 21 contained both Re and Mo, 17 containing Mo only. The Re and Mo concentration varied between 1 and 2 and 10 and 30 g/ton, respectively. occasionally, a sample contained 3 times more Re than Mo. Examination of chalcopyrite, sphalerite, galenite and other minerals showed that they contained occluded particles of Re-bearing minerals. In a majority of samples of these minerals no Re was detected; others contained 0.002-0.004% Re, with isolated cases of the Re content being 0.01 or even 0.3%. The chemical nature of these occlusions has not yet been established. The specific character of the Re compounds in Cu/Mo and polymetallic ores was also indicated by the results of ore-dressing tests. During beneficiation of a polymetallic ore, containing 1.8% Cu, 0.2% Pb, 0.0008% Mo and 0.0003% Re, the following

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recoveries were attained: 96% Cu, 70% Pb, 30% Mo, and 60% Re; 35% Re was found in the tailings. In the case of an ore from another Cu/Mo deposit, 85% Re was found in the tailings, 10% in the Cu concentrate, and 3% in the Mo concentrate. Whereas recovery of Re from the Mo concentrate was impossible and from the Cu concentrate difficult, it was relatively easy to extract it from the tailings: 30% could be dissolved in agitated and aerated water at room temperature; on adding 5% sodium carbonate the quantity of dissolved Re increased to 50%; after heating to 90 °C in a 5% sodium carbonate solution, 90% Re was recovered. The behaviour of Re and Mo during the beneficiation of yet another three types of ore is illustrated by data given in Table 3. Examination of 8 samples of mine waters from different mines of polymetallic ore deposits showed that only two of them contained Re in the concentration of 0.042-0.95 mg/litre, the Re content in mine waters of Cu/Mo ore deposits being 0.035-0.055 mg/litre. A method based on the application of an organic, complex-forming compound (unspecified) was developed, which can be used for extracting Re from any solution, irrespective of its concentration and/or Mo content.

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New sources of rhenium

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K.P. Perfilova and A.Ye. Belousova participated in this work. There are 3 tables and 9 references: 3 Soviet-bloc, 2 Russian translations from non-Soviet authors and 4 non-Soviet-bloc. The English language references read as follows:

Ref.1: Ch. Sims, Matter and Metals, 1955, 41, 3, 109.

Ref.2: Ch. Sims, R.L. Iaffe, I. Metals, 1956, 8, 8, 913.

Table 3

No. of plant	Ore		Tailings		Copper concentrate		Molybdenum concentrate	
	Mo	Re	Mo	Re	Mo	Re	Mo	Re
1	$4 \cdot 10^{-4}$	$6 \cdot 10^{-4}$	$10 \cdot 10^{-4}$	$2 \cdot 10^{-4}$	$1 \cdot 10^{-3}$	$3 \cdot 10^{-3}$	-	-
2	$8 \cdot 10^{-3}$	$3 \cdot 10^{-4}$	$2 \cdot 10^{-3}$	$2 \cdot 10^{-4}$	$2 \cdot 10^{-3}$	$2 \cdot 10^{-4}$	20.9	$6 \cdot 10^{-3}$
3	$4 \cdot 10^{-3}$	$4 \cdot 10^{-3}$	$3 \cdot 10^{-3}$	$2 \cdot 10^{-4}$	$3 \cdot 10^{-4}$	$3 \cdot 10^{-4}$	19.8	$4 \cdot 10^{-2}$

Card 4/4

LAZAREV, A.I.; RODZAYEVSKIY, V.V.

Photometric determination of rhenium by use of diethyldithiophosphoric acid. Zhur.anal.khim. 16 no.2:243-244 Mr-Apr '61. (MIRA 14:5)

1. Akmolinsk Agricultural Institute.
(Rhenium—Analysis)

RODZAYEVSKIY, V.V.

Determination of rhenium in solutions by adsorption. Zav. lab. 27
no.10:1203-1206 '61. (MIRA 14:5)

1. Balkhshskiy gornometallurgicheskiy kombinat.
(Rhenium--Analysis)
(Adsorption)

S/032/60/026/008/023/046/XX
B020/B052

AUTHORS: Popov, I. F., Rodzayevskiy, V. V. and Lazarev, A. I.

TITLE: News in Brief

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 8, p. 949

TEXT: A method is suggested for the separation of molybdenum and tungsten from rhenium, which is based upon the adsorption of these elements on MnO_2 . During the separation of molybdenum, 50 - 100 ml of the alkaline solution containing rhenium and molybdenum, are neutralized with sulfuric acid (1:2) until the bromophenol blue turns yellow. For each 60 mg of molybdenum in the sample, 8 ml of 0.25 N potassium permanganate solution, 7 ml of a 0.5 M Mohr's salt solution, and 3 ml of 0.25 N sulfuric acid are added. During four minutes the solution is boiled, cooled down, and poured into a 200 ml measuring flask, which is filled up to the mark with distilled water. After filtering, rhenium is colorimetrically determined in an aliquot part of the solution by ammonium rhodanide and tin chloride. The colored complex is extracted by butyl alcohol. Prior to the

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News in Brief

S/032/60/026/008/023/046/XX
B020/B052

analysis of substances with low manganese content, 5 ml of a 0.5 N manganese sulfate solution are added to the portion of the solution to be analyzed. Furthermore, 5 ml of 0.5 N $MnSO_4$, 7 ml of a 1 N sodium acetate solution, and 10 ml of a 0.25 N potassium permanganate solution are also added. The solution is boiled for four minutes, cooled down, and then treated in the above manner. The same method is employed for the separation of tungsten. MnO_2 absorbs tungsten more easily than molybdenum. ✓

ASSOCIATION: Balkhashskiy gornco-metallurgicheskii kombinat (Balkhash Mining and Metallurgical Kombinat)

Card 2/2

RODZAYE/SKOY, A.D., KUZIN, A. M. and KAVYDOVA, D. Ya.

"Some data of changes of nuclein acids and their nitrous bases in tumor affected organism achieved on rabbits." Biochemistry, Issue 1, pp 184.

RODZEVICH, A. I.

Ocherk postroiki Zakaspiiskoi voennoi zheleznoi dorogi i eia znachenie dlia russko-sredneaziatskoi promyshlennosti i trgovli. [Sketch on the construction of Trans-caspian Military railway, and its importance for the Russian-Central Asiatic industry and trade]. S. -Peterburg, 1891. 76p. DLC: Slavic unclass.

SO: Soviet Transportation and Communications, A Bibliography. Library of Congress, Reference Department, Washington, 1952, Unclassified.

ACC NR: AT6036191

SOURCE CODE: UR/3116/66/277/000/0158/0161

AUTHOR: Novikov, Yu. R.; Rodzevich, D. P.

ORG: none

TITLE: A transistorized system for graphical display of information from the Ural-2 computer on a cathode-ray tube

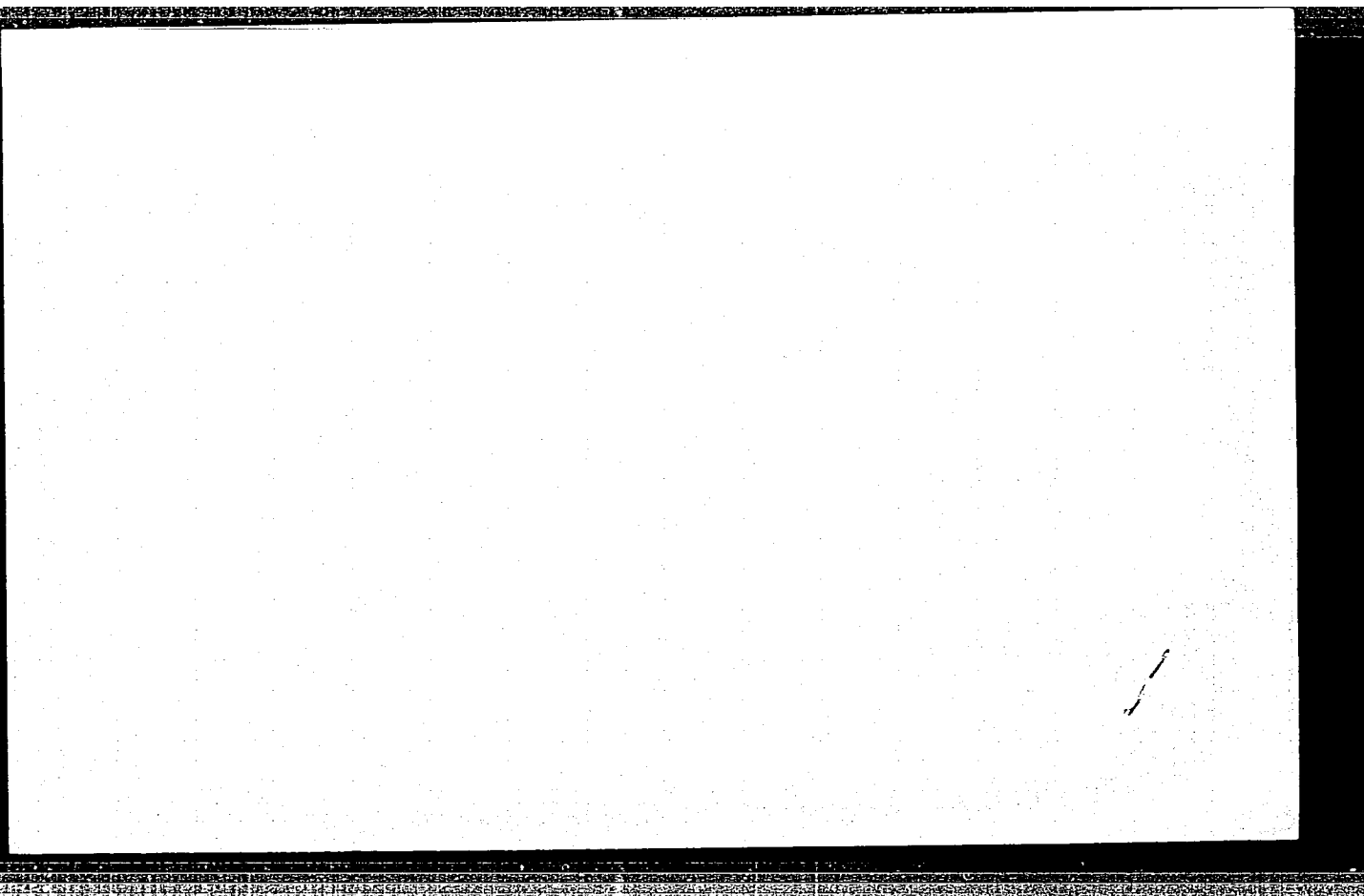
SOURCE: Leningrad. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. Trudy, v. 277, 1966. Chislennyye metody issledovaniya gidrometeorologicheskikh usloviy v Arktike s ispol'zovaniyem elektronnykh tsifrovyykh vychislitel'nykh mashin (Numerical methods of studying hydrometeorological conditions in the Arctic with the use of electronic digital computers), 158-161.

TOPIC TAGS: *computer application, meteorology, flip flop circuit, computer output unit, data readout, cathode ray tube, digital computer, transistorized circuit, transistor, Ural-2 computer, P-15 transistor, 31L033V cathode ray tube*

ABSTRACT: A cathode-ray tube display unit for the Ural-2 computer was designed at the Arctic and Antarctic Institute Computer Laboratory. To display graphical data encountered in meteorology, the binary data from the Ural-2 computer is converted into two sets of voltages (corresponding to each coordinate point) which are applied to the horizontal and vertical CRT deflection plates. The collection of individual points forms a complete display on the CRT raster. Individual

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ACC NR: AT6036191

frames may be synchronously photographed but this portion of the read-out system is still in the planning stage. The system uses the 31L033V cathode-ray tube and the I-4M d-c amplifier to achieve a sensitivity of 8 mm/volt. The raster measures only 160 x 160 mm because distortion occurs at the edges of a larger raster. The two D/A converters utilize the iterative comparison design. Each consists of 8 flip-flops using P-15 transistors. The conversion error does not exceed 0.2%. The design is conservative and assures stable operation in a wide temperature range. The power consumption is 3.5 w. Orig. art. has: 1 figure. [WA-81, Rpt. 9]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 002

Card: 2/2

Ridzevich, G. F.

3-9-20/31

AUTHOR: Rodzevich, G.F.
TITLE: A Torsion Testing Device (Pribor dlya ispytaniya na krucheniye)
PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 9, p 77 (USSR)

ABSTRACT: The Chair of Mechanical Engineering of the Belorussian Institute of R.R. Transport Engineering designed a simple device for torsion tests for the determination of steel resilience using two specimen shapes - a round one of 12 mm diameter and a square one of 10 mm side length. The device is formed by a plate on which two chucks are fitted, one for the fastening of the specimen, the second for the support of the loose end. On the second chuck a holding device is fitted on a ball-bearing, for fastening the test specimens, a weighted beam is fitted on the shaft of the holder. On the right hand front side of the plate a bracket is fitted together with a handle-driven eccentric, on which a needle bearing is fitted. Clamps are fitted on the specimen. Clock indicators are utilized for the measuring of the clamp end movements.

ASSOCIATION: The Belorussian Institute of R.R. Transport Engineering (Belorusskiy institut inzhenerov zheleznodorozhnogo transporta)
AVAILABLE: Library of Congress
Card 1/1

RODZEVICH, I.A.

Designing a multilayer flexible base. Vop.mekh. no.193:57-67 '61.
(MIRA 14:8)

(Elastic plates and shells)

IBRAYEV, G. I. RODENTON, I.A.

High frequency machine for terminal and compression tests.
Zh.zap.Pech.Gos.uzb. 17 no.5:42-46 1960. (MIRA 14:11)
(Testing machines)

S/124/62/000/005/038/048
D251/D308

AUTHOR: Rodzevich, I.A.

TITLE: Calculating multilayer elastic bases

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 3,
abstract 5V14 (Uch. zap. MGU, 1961, no. 3, 56 - 67)

TEXT: A study is made of the displacement and stress in a multi-layer elastic base, whose lower plane rests on an absolutely rigid base, under the action of a vertical load applied on some part of the surface. The solution is obtained by means of the generalization to the case under consideration of the well-known Rib'yer-Faylon solution for a strip, with the application of the technique of M.M. Filonenko-Borodovich to simplify the determination of the unknown constants. A numerical calculation of a case met with in practice is given. [Abstractor's note: Complete translation].

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18-8200

27530
S/123/61/000/014/007/045
A004/A101

AUTHORS: Ibrayev, G. K.; Rodzevich, I. A.

TITLE: HF-machine for the testing of tensile and compression fatigue

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 14, 1961, 25, abstract
14A189 ("Uch. zap. Permsk. un-t", 1960, v. 17, no. 3, 43-46)

TEXT: The authors present the design layout and calculations of a resonance machine for fatigue tests during tension and compression with a stress of up to 25 tons and a frequency of 15,000-18,000 cycles per minute. The specimens are stretched on the machine by the tightening of a set of disk springs on which bears a fork with a rotating roller which is in constant contact with the copying flywheel being rotated by a motor via a hydraulic clutch. The resonance testing conditions are selected by changing the spring rigidity and the number of revolutions of the copying flywheel which is controlled by the hydraulic clutch.

A. Usov

[Abstracter's note: Complete translation]

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RUZEVICH, L.D.

PHASE I BOOK EXPLOITATION

SOV/5724

Moscow. Universitet.

Voprosy mekhaniki; sbornik statey. vyp. 193. (Problems of Mechanics; Collection of Articles. no. 193) [Moscow] Izd-vo Mos. univ., 1961. 169 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova.

Ed.: L. N. Sretenskiy, Corresponding Member, Academy of Sciences USSR. Ed. (This vol.): I. Z. Pirogov; Tech. Ed.: G. I. Georgiyeva.

PURPOSE: This book is intended for engineers and scientific workers interested in the mechanics of materials, fluid dynamics, and radiation.

COVERAGE: The book contains articles on problems of algebra, non-linear programming, motion of particles, elasticity, stress-strain, vibration, and flow of liquids. No personalities are mentioned. References follow all but one article.

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Problems of Mechanics; (Cont.)

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AVAILABLE: Library of Congress

AC/afk/ec
11-6-61

Card 3/3

RODZEVICH, I.A.

Rodzevich, I.A. -- "Calculation of a Many-Layer Elastic Foundation." Cand Phys-Math Sci, Sci Res Inst of Mathematics and Mechanics, Moscow State U, Moscow 1953. (Referativnyy Zhurnal--Mekhanika, Jan 54)

SO: SUM 168, 22 July 1954

L 51526-65

ACCESSION NR: AP5015323

UR/0286/65/000/009/0077/0077
535.885.5(088.8)

AUTHOR: Vinogradov, G. E.; Zavodchikov, G. I.; Tel'tevskiy, I. A.; Kolomytsov, Yu. V.; Golubovskiy, Yu. M.; Mikhaylova, K. A.; Kudryavtsev, M. P.; Peryshkov, N. S.; Nefedov, B. L.; Tkachuk, N. N.; Rodzevich, I. V.; Samurov, L. A.

TITLE: A photoelectric autocollimation tube. Class 42, No. 170707

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 77

TOPIC TAGS: collimator, optical equipment, photocell

ABSTRACT: This Author's Certificate introduces a photoelectric autocollimation tube which contains an optical system for projecting an image of the working slit on a reflecting autocollimation mirror. The optical system then projects the autocollimation image onto photocells which are connected in an electric measuring circuit. This circuit puts out a signal which corresponds to the position of the sight axis of the optical system with respect to the autocollimation mirror. The instrument is designed for reliable operation and simplified construction. The working slit is made up of reflecting fins, e.g., mirrors, fastened to a transpa-

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rent plate in the focal plane of the main lens of the projection system. These reflectors direct the autocollimation image of the working slit along auxiliary optical channels to the photocells which operate on an on-off basis. The photocell located in the main channel, which receives the autocollimation image passed by the working slit, also operates on an on-off basis.

ASSOCIATION: none

SUBMITTED: 08Jul63

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

bs
Card 2/2

RODZEVICH, G. V.

Cand Med Sci - (diss) "Inter-relations of the Schlemm canal with blood-carrying vessels and the anterior chamber of the eye. (Experimental-morphological study)." Leningrad, 1961. 12 pp; (Ministry of Public Health RSFSR, Leningrad Sanitary-Hygienic Medical Inst); 300 pp; (KL, 5-61 sup, 205); price not given

RODZEVICH, Lev Viktorovich; KOSOV, Aleksandr Moiseyevich; MALINOVSKIY,
L.V., retsenzent; AFANAS'YEV, V.F., red.; NIKIFOROVA, R.A.,
inzh., red.izd-va; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Metal cutting and the cutting tools]Rezanie metallov i rezhu-
shchii instrument. Moskva, Mashgiz, 1962. 289 p.

(MIRA 16:3)

(Metal cutting)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

5

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THE "SERVA MOLOT" WORKS DURING THE LAST 20 YEARS. V. B. Rodzevich. (Kachestvennaya Stal, 1937, No. 11. pp. 56-58). (In Russian). During the past ten years this works has taken up the production and development of **alloy steels** and alloy-steel products. Planned developments and extensions are discussed.

COMMON ELEMENTS

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ASME-ISA METALLURGICAL LITERATURE CLASSIFICATION

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA BB CC DD EE
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The phenomena of ionization of gases during photochemical reactions in solid bodies. P. P. LAZAROV AND N. I. RUDZEVICH. *Compt rend. acad. sci. U. R. S. S.* 1930A, No. 5, 105 G. In photochem. reactions in certain dyes held suspended in a gaseous medium, the neg. charges appearing on the gas mols. depend on the nature of the gas. This effect is multiplied considerably (sometimes 100 and more %) in gases which cause fading of the dye. It is also greater when a layer of dye spread out on a quartz plate is illuminated from the side exposed to the gas than from the side adjacent to the quartz plate. S. I. STADNOMY

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ASH. S. A. METALLURGICAL LITERATURE CLASSIFICATION

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA BB CC DD EE
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RODZEVICH, N.N.; SETUNSKAYA, L.Ye.

Evaluating the intensity of ravine growth on the basis of morphological features. Izv. AN SSSR. Ser. geog. no. 3:91-95 My-Je '61.
(MIRA 14:5)

1. Moskovskiy gosudarstvennyy pedagogicheskoy institut imeni V.I. Lenina i Institut geografii AN SSSR.
(Volga Upland--Valleys) (Erosion)

Rodzevich, N. N.

RODZEVICH, N. N.

Sovetskie samolety v Arktike. Pod red. V. A. Popova. Moskva,
Glav. red. aviats. lit-ry, 1935. 102 p., illus., ports., map.
Title tr.: Soviet aircraft in the Arctic.

TL532.R6

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

RODZEVICH, N. N.

Sovetskii aviamotor, 1917-1932 (Soviet aircraft, 1917-1932) Moskva, Gos. aviatsionnoe i avtotraktornoe izd-vo, 1932 80 p. (54-46204)

TL526.R9R64

RODZEVICH, N. N.

Samolet v Arktike i piatiletie raboty sovetskoi aviatsii vo l'dakh. [The airplane in the Arctic regions and the five-year plan for the operation of Soviet aviation on the ice]. (Vestnik vozdushnogo flota, 1930, no. 2, p. 32-33, map).

DLC: TL504.V45

Samolet v olenevodcheskom dele Severa. [The airplane in reindeer breeding of the North]. (In Vozdushnye puti Severa. Moskva, 1933, p. 194-197).

DLC: TL532.V6

Sovetskie samolety v Arktike. [Soviet airplanes in the Arctic regions]. Pod red. V. D. Popova. Moskva, Glavn. red. aviatsionnoi lit-ry, 1935. 102 p.

DLC: Slavic unclass.

SO: Soviet Transportation and Communications. A Bibliography. Library of Congress, Reference Department, Washington, 1952, Unclassified.

RODZEVICH, N. N.

M: Vozdushnyye Puti Severa (The Air-Roads of the North) Moscow, 1933

Abstracted in USAF "Treasure Island," on file in Library of Congress, Air Information Division, Report No. 88266, 88267. Unclassified.

MATIIKO, N.M.[Matiiiko, M.M.]; MATIIKO, A.M.[Matiiiko. O.M.]; RODZEVICH,
N.S.[Rodzevych, N.S.]; GNATYUK, G.M. [Hnatiuk, H.M.];
MATVIYENKO, A.M. [Matviienko, A.M.]; VASILENKO, A.O.
[Vasylenko, A.O.], doktor tekhn. nauk, akademik, red.;
RODZEVICH, N.S.[Rodzevych, N.S.], kand. filolog. nauk, red.;
MATIIKO, M.M.[Matiiiko, M.M.], red.; DENISENKO, L.P.
[Denysenko, L.P.], red.izd-va; SHAFETA, S.M., tekhn. red.

[Russian Ukrainian technical dictionary] Russko-ukrainskii
tekhnicheskii slovar'. Sost. N.M.Matiiiko i dr. 80 000 ter-
minov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 648 p.
(MIRA 15:2)

1. Akademiya nauk URSR, Kiev. Instytut movoznavstva. 2. Akade-
miya nauk USSR (for Vasilenko).
(Technology--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

RODZEVICH, N.V., inzh.; RUL'KOV, V.I.

Distribution of static pressures on bearing rollers. Vest. mash.
38 no.3:12-13 Mr '58. (MIRA 11:2)
(Bearings (Machinery))

RODZEVICH N.V.
RODZEVICH, N.V., inzh. (Kiyev)

Speed-up finishing the design and operational mastery of the
TEZ diesel locomotive. Zhel. dor. transp. 40 no.1:79-80 Ja '58.
(MIRA 11:1)

(Diesel locomotives)

RODZEVICH, N.V., inzh. (g. Kolomna)

Results of experience in operating diesel locomotives equipped with
roller axle bearings. Zhel.dor.transp. 40 no.10:78-79 0 '58.
(MIRA 11:12)

(Diesel locomotives) (Roller bearings)

RODZEVICH, N.V., inzh. (g.Kolonna)

Improved roller-bearing axle-box for TE3 diesel locomotives.
Elek. i tepl. tiaga 3 no.3:19 Mr '59. (MIRA 12:5)
(Diesel locomotives) (Axles)

PUTILIN, V.N., inzh.; RODZEVICH, N.V., inzh.; TAPELKIN, Yu.V., inzh.

Use of capron for the axle end thrust bearings and bushings
of the spring suspension for locomotives. Trudy VNITI
no.19:214-223 '64. (MIRA 18:3)

RODZEVICH, N.V., inzh.; TULYAKOV, F.M., tehnik; KUZIN, A.F., tehnik

Experimental testing of the operative capacity of the and
roller axle bearings of the high-speed TEP60 diesel locomotive
truck under the conditions of pulsed axle load. Trudy VNIT
no.19:136-151 '64. (MIRA 18:3)

RODZEVICH, N.V., inzh.; ANTONOV, S.M., inzh.

Lengthening the life and reducing the weight of axle-box roller bearings. Trudy VNITI no.16:50-67 '62. (MIRA 17:1)

RODZEVICH, N.V., inzh. (Kolonna); TARELKIN, Yu.V., inzh. (Kolonna)

Coating with caprone of the axle box supports of diesel locomotives.
Elek. i tepl. tiaga 6 no. 11:18 N '62. (MIRA 16:1)
(Diesel locomotives)

RODZEVICH, N.V., inzh.

Eliminating the contact-stress concentration in bearings. Izv.vys.
ucheb.zav.; mashinostr. no.7:67-77 '60. (MIRA 13:11)

1. Kolomenskiy teplovoznny institut.
(Bearings (Machinery))

GPINEVICH, K.P.; RODZEVICH, N.Ya.; SOBOLEVSKIY, M.V.; YELIZAROV, V.P.

Protecting steel and wood surfaces from overgrowths of
mussels and from the effects of water. Plast.massy no.2:21-23
'62. (MIRA 15:2)

(Protective coatings)

L 15/17-2/1 157(8)/157(1)/7 157(c) DJ/RM

ACC NR: AP6011281 (A) SOURCE CODE: UR/0413/66/000/006/0158/0158 37
B

INVENTOR: Sobolevskiy, M. V.; Rodzevich, N. Ye.; Grinevich, K.; Bogacheva, I. P.; Ponomarenko, V. A.; Uspenskaya, Ye. A.

ORG: none

TITLE: Preparation of liquid polyorganosiloxanes. Class 23, No. 142368 15

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 158

TOPIC TAGS: siloxane, polyorganosiloxane, liquid polyorganosiloxane, POLY SILOXANE

ABSTRACT: This Author Certificate introduces a method for preparing liquid polyorganosiloxanes. To increase high-temperature oxidation resistance and the lubricating property because of introducing fluoroalkyl and fluoroaryl radicals into the polymer structure in both the end groups and the basic chain, liquid polyorganosiloxanes are prepared by either cohydrolysis or heterofunctional condensation of corresponding monomers. [LD]

SUB CODE: 11/ SUBM DATE: 25Jan61/

Card 1/1 fv

SOBOLEVSKIY, M.V.; RODZEVICH, N.Ye.; GRINEVICH, K.P.; PETROV, A.D.;
PONOMARENKO, V.A.; SNEGOVA, A.D.

Preparation and properties of organosiloxanes containing
hexachlorobicycloheptenyl radicals. Zhur.prikl.khim. 35
no.10:2302-2307 0 '62. (MIRA 15:12)
(Silicon organic compounds)

RODZEVICH, N.Ye.; GRINEVICH, K.P.; ODABASHYAN, G.V.; PONOMARENKO, V.A.

Synthesis and study of the properties of polyorganosiloxanes containing $n\text{-FC}_6\text{H}_4\text{-}$, $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CFClH}$, and $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CF}_2\text{H}$ groups. Zhur.prikl.khim. 33 no.4:957-961 Ap '60.

(Siloxanes)

(MIRA 13:9)

GILBERT, J.P.; and WILSON, J.E.; BRITISH CHEMICAL SOCIETY, LONDON.

Research on quinazones. Part 19: synthesis of some N-alkyl substituted
indoles. J. Chem. Soc. 27 no. 6: 1690-1693 (June 1957). (C.A.B. 10:8)

L. Vokovskiy, Moscow State University.
(Indole)

Rodzevich P.I.

137-58-5-10049

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 166 (USSR)

AUTHOR: Rodzevich, P. I.

TITLE: Flame Hardening of Equipment Parts (Gazoplamennaya poverkh-nostnaya zakalka detaley oborudovaniya)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii. Ukr. resp. pravl., 1956, Vol 3, pp 24-31

ABSTRACT: Flame hardening (FH) practice as applied to parts of equipment at the southern ferrous metallurgy plants is described. FH is done by a mixture of gas fuel and oxygen, the ratio being 0.9:1 when coke gas and oxygen are employed and 1.25:1 when acetylene and oxygen are the components. FH is applied to a long list of parts (P) and equipment: shafts, spindles, journals and fingers of 60 mm diameter and up, toothed racks, spur, helical, bevel, and herringbone gears and toothed wheels of 2 mm module and over. The FH is usually done on screw-cutting machines with fixtures to rotate the P being hardened and to translate the carriage at a rate of from 40 to 200 mm/min. Smooth adjustment of speed is attained by providing an infinitely variable transmission or a worm-type reduction gear. Large P -

Card 1/2

137-58-5-10049

Flame Hardening of Equipment Parts

mill rolls, large shafts, and axles - are hardened on machines whose housings have 4 backup rollers to carry the P. The P is rotated by a special drive, and the hardening burner is mounted to a stationary table. When oxy-acetylene flame is used, standard welding torches are employed, in which a multiple-jet hardening tip replaces the copper tip nozzle. When a mixture of coke gas and oxygen is employed, hardening torches of special design are employed. In the case of the oxy-acetylene mixture, the distance from the surface of the P to the burner is 6 to 8 times the diameter of the gas outlet plus 3-4 mm. In the case of a coke gas and oxygen flame the distance is 8 to 10 times the diameter plus 3-4 mm. FH of alloy steels and irons requires that this distance be increased by 25-50%. Cooling of the parts is by water or by a mixture of 30% technical glycerol and 70% water transmitted through slit apertures in the torch tip.

E.S.

1. Metals--Hardening

Card 2/2

RODZEVICH, P. I

N/5
615.918
.NI

Nomenklaturnyy spisok detaley oborudovaniya, podlezhashchikh plamennoy poverdhnostnoy zakalke (Classed List of Equipment Subject to Flaming Case Hardening, by) M. V. Naboka, P. I Rodzevich, A. H. Khodak. Khar'kov, Metallurgizdat, 1952.

71 p.

At head of title: Russia. Nauchnoissledovatel'skoye byuro organizatsiy proizvodstva chernoy metallurgii.

RODZEVICH, P. V.

M. M. RAINES, Zavodskaya Lab. 9, 135-8, 1940

BARANOV, Boris Aleksandrovich,; ZOLOTOV, Vsevolod Nikolayevich, [deceased],;
KHISIN, Rafail Iosifovich,; SHAPIRO, Isey Iosifovich,; SHASKOL'SKIY,
Boris Vladimirovich,; SHAKHNAZAROV, Misheg Mosesovich,; ~~KREKOVITSKIY~~,
N.L., inzh., retsenzent,; TISHIN, S.D., kand. tekhn. nauk, dots., red. ;
RODZEVICH, S.S., izd. red.; ROZHIN, V.P., tekhn. red.

[Production standards for machinery manufacturing factories]
Tekhnicheskoe normirovanie na mashinostroitel'nom zavode. Moskva,
Gos. izd-vo obor. promyshl., 1958. 576 p. (MIRA 11:12)
(Machinery industry--Production standards)

FRENKEL', Semen Shmul'yevich; RODZEVICH, S.S., nauchnyy red.;
BOBROVA, T.L., red.; TOKER, A.M., tekhn. red.

[Manual for young milling machine operators] Spravochnik molo-
dogo frezerovshchika. Izd.2., perer. i dop. Moskva, Proftekh-
izdat, 1962. 459 p. (MIRA 15:12)
(Milling machines) (Metal cutting)

LEVIN, Iosif Yakovlevich; ARKIV, A.G., kand. tekhn.nauk, retsenzent;
YERMAKOV, S.S., kand. tekhn. nauk, retsenzent; SHIRYAYEVA,
V.Ya., kand. tekhn. nauk, red.; RODZEVICH, S.S., red.;
ORESHKINA, V.I., tekhn. red.

[Handbook for the designer of precision instruments] Spravochnik konstruktora tochnykh priborov. 2. izd. Moskva, Oborongiz, 1962. 727 p. (MIRA 16:4)
(Mechanical engineering--Instrument manufacture)

PASTER, I.D.; STRASHUNSKIY, A.M.; RODZEVICH, S.S., red.; ROZHIN, S.S., tekhn.
red.

[Standardized control of mechanical drawings] Normalizatsionnyi
kontrol' chertezhei. Moskva, Gos. izd-vo obr. promyshl., 1958.
71 p. (MIRA 11:9)
(Mechanical drawing--Standards)

OSTOSLAVSKIY, I.V., zasluzhennyy deyatel' nauki i tekhniki, doktor tekhnicheskikh nauk, professor; TITOV, V.M., kandidat tekhnicheskikh nauk; RODZEVICH, S.S., redaktor; LARIONOV, G.Ye., tekhnicheskii redaktor

[Aerodynamical computations for aircraft] Aerodinamicheskii raschet samoleta. Moskva, Oberongiz, Glavnaya red. aviatsionnoi lit-ry, 1947. 354 p. [Microfilm] (MIRA 9:11)
(Airplanes--Aerodynamics)

BIRGER, I.A., red.; DAREVSKIY, V.M.; KINASOSHVILI, R.S.; SERENSEN,
S.V., red.; SHORR, B.F., red.; RODZEVICH, S.S., red.

[Stability and dynamics of aircraft engines] Prochnost' i
dinamika aviatsionnykh dvigatelei; sbornik statei. Moskva,
Mashinostroenie. No.1. 1964. 287 p. (MIRA 18:10)

RODZEVICH, V.; AYZENSHTADT, A.

Group production practice. Prof.-tekh.obr. 22 no.8:9-10
Ag '65. (MIRA 18:12)

1. Inspektor Gor'kovskogo oblastnogo upravleniya professional'no-tekhnicheskogo obrazovaniya (for Rodzevich).
2. Direktor Gorbatsovskogo sel'skogo professional'no-tekhnicheskogo uchilishcha No.8 (for Ayzenshtadt).

27-7-19/37

AUTHOR: Rodzevich, V., Inspector of Gor'kiy Oblast' Administration of Labor Reserves.

TITLE: Training Aids for Mechanization Schools (Naglyadnyye posobiya uchilishch mekhanizatsii)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 7(146), pp 23-24 (USSR)

ABSTRACT: The article, in general, is an enumeration of models, cross-sections and other training aids manufactured by the personnel and students of 3 agricultural mechanization schools. The School in Bolshemurashkino for instance, has made a cut-model of engine "ДТ-54" on a rotating stand and of threshing machine "С-4"; it prepared models of a fertilizer sifting apparatus of potato planter "СКП-4", of the sowing device of sowing machine "СД-2" etc. The Gorbатов Mechanization School # 8 has built a cut-model of the reductor and switching mechanism of the starting motor of tractor "ДТ-54", also of the fuel pump, etc. The Lyskov Agricultural Mechanization School # 32 made models of fodder steam chamber "3К-0.5" and of trailer-combine "С-6".

Card 1/2

Training Aids for Mechanization Schools

27-7-19/37

The article contains one photo.

ASSOCIATION: Gor'kiy Oblast Administration of Labor Reserves (Gor'kovskoye oblastnoye upravleniye trudovykh rezervov)

AVAILABLE: Library of Congress

Card 2/2

1ST AND 2ND ORDERS

18D AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

16

Determination of pentosans by the bromine method.
G. Perlman and V. Kuznetsov. *Spirita-Petrochemiya*
Prum. 10, No. 7, 40-2 (1950); *Chimie & Industrie* 43,
249.—Powell and Whittaker's bromometric method (*J.*
A. C. 10, 1387) is suitable, from the double standpoint of
accuracy and speed, for com. control of the mannif. of
alc.; it can be carried out in 3-4 hrs., as compared with
2-3 days for the Tollens phloroglucinol method.
A. Papinian Couture

ASAC-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

18D AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

17

Ca

Lecithin and cholesterol from egg yolk. A. DUVILLOU and V. ROZSEVICH. *Khim. Form. Prom.* 1934, No. 3, 18. Egg yolk is mixed with 4 parts of 96% alc. for 24 hrs. Lecithin is salted out from the alc. with NaCl, purified by means of 96% EtOAc (3 times) and by alc. and dried *in vacuo*. P content is 2.78%. Cholesterol is obtained by extg. with 96% EtOAc the dry egg yolk residue from the lecithin extn. The soln. is evapd. and the residue sapond. with alc. KOH, dkd. with H₂O and satd. CaCl₂, the soap dried and extd. with ether. Recrystd. from alc., cholesterol, m. 145°. L.N.

METALLURGICAL LITERATURE CLASSIFICATION

A 500.55.4

PROCESSES AND PROPERTIES INDEX

15

Preparation of pure urea. A. Divinski and V. Rodzevich. *Khim. Farm. Prom.* 1936, No. 2, 20. CaCN_2 is decompd. with H_2SO_4 , the CaSO_4 filtered off, the filtrate treated with air, the $\text{Fe}(\text{OH})_3$ filtered off, the filtrate acidified with H_2SO_4 and hydrolyzed at $50-55^\circ$. Excess acid is removed with chalk and the soln. evapd. *in vacuo*. Tech. urea is purified by extrn. with acetone in a Soxhlet app.
Leo Nasatvich

ASB-52A METALLURGICAL LITERATURE CLASSIFICATION

KHUTSKIY, G.I., kand. tekhn. nauk, dotsent; RODZEVICH, V.A., inzh.

APPROVED FOR RELEASE: Tuesday, August 01, 2000. CIA-RDP86-00513R001445

Optimal control of a condensing turbine generator. *ucheb. zav.; energ.* 7 no.2:100-104 F '64. (MIRA 17:3)

1. Belorusskiy politekhnicheskiy institut.

RODZEVICH, V.E., inzhener.

Modernizing electric equipment for rollers used in processing
rubber and plastics. Prom.energ. 12 no.6:4-5 Je '57. (MIRA 10:7)
(Rubber industry--Equipment and supplies) (Automatic control)

KODZEWICH, V. I., FENIKSOVA, R. V., and BOGAL, R. B.

"Production of Food Yeast from Grain-Potato Waste Liquors," Pishchevaya Prom.
No. 1, 7-10, 1945.

Abst. see card for Feniksova, R. V.

RODZEVICH, V. I. Cand. Biolog. Sci.

Dissertation: "Fermentative Hydrolysis of Starch with Amylases of Various Origin." Moscow Order of Lenin State U imeni M. V. Lomonosov, 25 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

RODZEVICH, V. I.

PA 45/49T10

USSR/Chemistry - Hydrolysis
Chemistry - Starch, Hydrolysis
Jan/Feb 49

"Hydrolysis of Starch Through the Action of Various Derivatives," D. N. Klimovskiy, V. I. Rodzevich, All-Union Sol Res Inst of Alcohol Ind, Moscow, 9 pp
"Bischniyya" Vol XIV, No 1

Two intermediate products with individual chemical structures can be distinguished in fermentative hydrolysis of starch - α -amylodextrin (I) and phosphodextrin (II). I is obtained by the action of β -amylase (III) on starch, and II by the action of a combination of α -amylase (IV) and III.

45/49T10

USSR/Chemistry - Hydrolysis (Contd) Jan/Feb 49

Character of hydrolysis of starch under the influence of various amylolytic preparations is determined by content of three components: III, IV, and dextrinophosphatase. Submitted 29 May 48.

45/49T10

CA

//C

Amylolytic enzymes and *Aspergillus*. D. N. Klimovskii and V. I. Rodzevich (All-Union Research Inst. Alc. Ind., Moscow). *Mikrobiologiya* 10, 60-4 (1950).—Tests with 20 *Aspergillus* species showed wide variations in compn. and activity of their amylolytic enzymes. The amylase type characterizes *A. oryzae*; the phosphorylase type characterizes *A. niger*. Julian F. Smith

FENIKSOVA, R.V.; SEGAL, R.B.; RODZEVICH, V.I.; SHILOVA, A.A.

Aspergillus molds as producers of amylase. II. Amylase activity of Aspergillus oryzae as related to culture conditions on natural solid media. Mikrobiologiya 22, 145-50 '53. (MLRA 6:3)
(CA 47 no.22:12523 '53)

1. All-Union Research Inst., Alcohol Ind., Moscow.

RODZEVICH, V. I.

Rating the quality of malt used in the alcohol industries.
D. N. Klimovskii and V. I. Rodzevich. *Trudy, Vsesoyuz. Nauch. Issledovatel. Inst. Spirt. Prom.* 1955, No. 5, 106-13; cf. C.A. 43, 5081d.—Results of a 4-yr. statistical study of the quality of malts (from barley, oats, millet, and rye) used in 150 or more Russian plants, reported regularly to the Alcohol Bureau, are tabulated and plotted. Lots varying widely in activity owing to differences in kind and quality of grain and to the methods of malting followed are rated as "excellent," "good," and "satisfactory" or "passing." The net over-all result of the study is the setting up of a norm of α - and β -amylase activity "A" of 700 and a dextrinolytic activity "D" of 6000 to 7000 (units required for converting 1 ton of starch) as indicated by av. industrial practice.
H. L. Olin

max 2

RODZEVICH, V.I.

Composition of sugars formed by the action of malt enzymes [Cereal
Chemistry 31 no.5 '54]. Spirt.prom. 21 no.4:33 '55. (MLRA 9:3)
(Diastase) (Sugars)

RODZEVICH, V.I.; DOBROLINSKAYA, G.M.

Transglycosylases accompanying the amylolytic enzymes of the
Aspergillus strain of mold fungi. *Ferm. i spirt. prom.* 31 no.4:
8-11 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i
spirtovoy promyshlennosti.

DOBROLINSKAYA, G.M.; RODZEVICH, V.I.

Production of high-purity glucoamylase preparations from the
culture of *Aspergillus awamori*. *Ferm. i spirt. prom.* 30 no.7:
6-8 '64 (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i
spirtovoy promyshlennosti.

KOLOSKOV, S.P.; RODZEVICH, V.I.

From the work practices of the distilling industries in
Czechoslovakia. Spirt. prom. 28 no.7:15-19 '62. (MIRA 17:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut spirtovoy i
likero-vodochnoy promyshlennosti.

RODZEVICH, V.I.

Determining the composition of carbohydrates of alcohol extracts
from rye. Trudy TSNIISP no.6:167-171 '58. (MIRA 14:12)
(Carbohydrates--Analysis)

RODZEVICH, V.I.; KALLER, I.B.

Studying the composition of sugars in grain and potato molasses beer
by paper chromatography. Trudy TSNIISP no.6:172-179 '58.
(MIRA 14:12)

(Paper chromatography) (Sugars)

ROZEVICH, V.I.; KALLER, I.B.

Testing new *Aspergillus niger* strain 8 - 10-10-3 under different
conditions. Trudy TSNIISP no. 8:23-25 '59. (MIRA 14:1)
(*Aspergillus niger*)

5.3700B

80101
S/080/60/033/04/35/045

AUTHORS: Rodzevich, N.Ya., Grinevich, K.P., Odavashyan, G.V., Ponomarenko, V.A. 7

TITLE: The Synthesis and the Investigation of the Properties of Polyorganosiloxanes Containing the Groups $n\text{-FC}_6\text{H}_4\text{-}$, $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CFClH}$ and $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CF}_2\text{H}$

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 4, pp 957 - 961

TEXT: The study of the reaction of cohydrolysis of trimethylchlorosilane, dimethyldichlorosilanemethylphenyldichlorosilane with various fluorosilicon-organic chlorosilanes showed that the reaction proceeds mainly in the direction of obtaining cohydrolysis products of linear structure. The viscosity of these products is somewhat increased in comparison with the viscosity of pentamers not containing fluorine atoms. The study of the properties of the compounds containing five silicon atoms in the molecule showed that the freezing points of the fluoroorganosiloxanes lie within the range $(-65) - (70)^\circ\text{C}$, i.e. approximately on the same level as for polymer 6 which does not contain fluorine atoms. The energy of the viscous flow of fluoroorganooxy-

Card 1/2

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s/080/60/033/04/35/045

The Synthesis and the Investigation of the Properties of Polyorganosiloxanes Containing the Groups $n\text{-FC}_6\text{H}_4\text{-}$, $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CFClH}$ and $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CF}_2\text{H}$

siloxanes is considerably higher than the energy of the viscous flow of organoxysiloxanes of the same structure.

There are: 2 tables and 13 references, 4 of which are Soviet, 6 American, 2 English and 1 German.

SUBMITTED: November 9, 1959

Card 2/2

А. В. Бублий, В. И. Пылин, В. А. Комаров, А. Ф. Бублий, Василий Федорович; PYLIN, Vasilyy Alekseyevich; KOMAROV, A.F.,
kand.tekhn.nauk, retsenzent; IVANOV, L.I., inzh., retsenzent;
RODZEVICH, V.I., kand.biol.nauk, spetsredaktor; KRUGIOVA, G.I.,red.;
KISINA, Ye.I., tekhn.red.

[Storage and processing of grain in the manufacture of alcohol]
Khranenie i podrabotka zerna v spirtovom proizvodstve. Moskva,
Pishchepromizdat, 1957. 130 p. (MIRA 10:12)
(Grain handling)

RÓDZEVICH, V. YE.

Rubber Industry and Trade

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Using charges with air spaces in the central wing of the Gubkin
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1. Zameshitel' glavnogo inzhenera shakhty im. Gubkina Gosudarstvennogo gornorudnogo kombinata Kurskoy magnitnoy anomalii (for Rodzeville).
2. Nachal'nik burovzryvnykh rabot shakhty im. Gubkina Gosudarstvennogo gornorudnogo kombinata Kurskoy magnitnoy anomalii (for Palatov).

KUKINOV, V.M.; MASOKIN, V.I.; ZHURIN, N. Ya.; RODZEVILLO, I.T.

New equipment and progressive technology. Bezop. truda v
prom. 8 no. 9:31-33 S '64 (MIRA 18:1)

1. Nachal'nik Gubkinskoy rayonnoy gornotekhnicheskoy inspektsii
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(SOKOLOV, PETR ANDREEVICH, 1900-)

USSR/Human and Animal Morphology - (Normal and Pathological) Nervous System. Peripheral Nervous System. S

Abs Jour : Ref Zhur Biol., No 6, 1959, 26105

Author : Rodzhanyan, S.A.

Inst : Rostov n/D. Medical Institute

Title : The Internal Branch of the Deep Peroneal Nerve in the Region of the Foot of Some Mammals and Man

Orig Pub : Tr. Otchetn. nauchn. konferentsii (Rostovsk.-n/D. med in-t) za 1956 g. Rostov-na-Donu, 1957, 137-140

Abstract : The peculiarities of foot innervation by the internal branch of the deep peroneal nerve (IBDPN) are described on 155 extremities of insectivora, chiropters, rodents, artiodactyls, perisodactyls, carnivora and primates and 400 extremities of man. It is noted in particular that IBDPN reaches greatest development in chiropters as well

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USSR/Human and Animal Morphology (Normal and Pathological)
Peripheral Nervous System

S-3

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55089

Author : Rodzhanov S.A.

Inst : Rostov-on-the-Don Institute of Medicine.

Title : Comparative Morphology of the Nervus Saphenus in the Foot
Region in Some Mammals and in Man.

Orig Pub : Tr. Otchetn. nauchn. konferentsii (Rostovsk.n/D. med. in-t)
za 1956 g. Rostov-na-Donu, 1957, 141-144

Abstract : The nervus saphenus (NS) was studied on 555 extremities of mammals (insect-eating, rodents, hoofed animals, animals of prey, primates), as well as of man. The nervus saphenus is the only nerve of the back of the foot which originates in the lumbar plexus. It was shown that in a large number of mammals, as well as in man, NS enters into a relationship with the superficial fibula nerve. In 91.2 percent of the cases, NS ends on the level with the tarsus in man; in monkeys, in 11.1 percent of the cases, and in other mammals, in 25

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