"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PHILIPKO, T.I., kand.med.nauk; SHUMADA, I.V., kand.med.nauk (Kiyev)

Nikolai Ivanovich Pirogov. Vrach.delo no.12:1321-1324 D '56.
(MIRA 12:10)
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILIPKO, T.I., starshiy nauchnyy sotrudnik; SERDYUK, P.P.

Analysis of injuries and their prevention among miners of the Lvov-Volyn' coal basin. Ortop.,travm.i protez. 22 no.3:46-48 '61. (MIRA 14:4)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii (dir. - dots. I.P. Alekseyenko, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov), Kiyev.
(LVOV-VOLYN' BASIN--COAL MINERS--DISEASES AND HYGIENE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILIPKO, T.I.

Terapeutic use of antireticular cytotoxic serum combined with Matsesta baths. Medych.zhur. 16:488-496 '47. (MIRA 10:12)

1. Z Ukrains'kogo tsentral'nogo institutu travmatologii ta ortopedii Ministerstva okhoroni zdorov'ya URSR.
(SERUM THERAPY) (SOCHI-MATSESTA--MINERAL WATERS)
(OSTEOMYELITIS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 17874-65 EWT(1)/EEC(m)/EEC(k)-2/EWA(h) Pg-4/Pq-4/Pg-4/Peb/Pl-4/Pl-4

ACCESSION NR: AP5011878 UR/0120/65/000/002/0094/0100

AUTHOR: Gavrish, P. P.; Denisov, Yu. N.; Komissarov, A. G.; Lachinov, V. M.; Prilipko, V. I.; Susov, Yu. I.; Shishlyannikov, P. T.

TITLE: Wide-range automatic electronic-counter frequency meter

SOURCE: Pribory i tekhnika eksperimenta, no. 2, 1965, 94-100

TOPIC TAGS: frequency meter, electronic frequency meter

ABSTRACT: An electronic-counter-type frequency meter is described which is intended for measuring the frequency of sinusoidal or pulse signals within the 0.1—100-Mc range. Measurements can be made either automatically every 5—30 sec or sporadically by pushbutton. The digital-type instrument operates from 0.05—1 v at its input, displays the results on decade tubes, and can also deliver a binary-decimal code suitable for computers. The frequency meter can be used not only for direct frequency measurement but also in conjunction with a nuclear

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 47074-65

ACCESSION NR: AP5011878

magnetometer for precision measurement of magnetic field strength. A block diagram and circuit diagrams of the amplifier, a 1-Mc reference crystal oscillator, a cold-cathode-tube relaxation generator, frequency dividers, counter decades, an output-to-printer unit, and a clock-frequency decade unit are presented. Orig. art. has: 7 figures and 1 formula. [03]

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 06Mar64 ENCL: 00 SUB CODE: EC

NO REF SOV: 003 OTHER: 000 ATD PRESS: 4001

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 2456-66 EWT(1)/EWA(h)

ACCESSION NR: AP5021336 UR/0120/65/000/004/0083/0090
621.382.2/.3:621.374.32

47
46
13

AUTHOR: Denisov, Yu. N.; Lachinov, V. M.; Prilipko, V. I.

TITLE: High-speed counter circuits using transistors and tunnel diodes

25

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1965, 83-90

TOPIC TAGS: pulse counting, frequency divider, tunnel diode, counting circuit

ABSTRACT: A description is given of several high-speed time-interval and frequency counter circuits. These include: 1) a transistorized decade counter. Transistor cutoff frequency is 200 Mc, and current gain is 60—80. The maximum counting rate is 30 Mc. 2) A five-stage ring circuit. The circuit utilizes series-connected tunnel diodes to form a decade counter capable of 180—200 Mc counting rate. However, a ±5% change in bias voltage disrupts counter operation. 3) A hybrid transistor-tunnel diode decade counter. Counting rate can be as high as 180—200 Mc. The components, however, must be preselected with an accuracy of 1%. 4) A decoder-indicator circuit. The circuit employs IN-1 or IN-2 indicator tubes with firing voltage of 135 v and extinction potential of not less than 110 v. The transistors act simultaneously as tube control elements and decoders of decade-counter infor-

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 2456-66

ACCESSION NR: AP5021336

mation. 5) A synch pulse generator for extension of the useful range of oscilloscopes with a 150-Mc bandwidth. Nanosecond pulses with 20-kc repetition rate are generated. Orig. art. has: 11 figures and 2 formulas. [BD]

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy, Dubna (Joint Institute of Nuclear Research)

SUBMITTED: 19Jun64 ENCL: 00 SUB CODE: EC

NO REF SOV: 001 OTHER: 004 ATD PRESS: 4106

BIK

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 06124-67 EWT(1)

ACC NR: AP6022005 SOURCE CODE: UR/0120/66/000/003/0107/0114

AUTHOR: Denisov, Yu. N.; Komissarov, A. G.; Prilipko, V. I.; Susov, Yu. I.; Shishlyannikov, P. T.

ORG: Joint Nuclear Research Institute, Dubna (Ob"yedinennyy institut yadernykh issledovaniy, Dubna)

TITLE: Electron-counting system for stabilizing frequency of r-f oscillators

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 107-114

TOPIC TAGS: rf oscillator, electronic oscillator, frequency stability

ABSTRACT: The development of a new apparatus is reported which automatically sets and maintains the frequency of an oscillator within 0.001% in a 1--100 Mc band. The time Δt_r necessary for filling a counting decade (1 through 6, adjustable) register with the pulses recurring at a frequency f_x is compared with a reference time interval Δt_r. The comparison results in an error signal which adjusts, through a feedback channel, the parameters of the oscillatory circuit in such a way that $f_x = N/\Delta t_r$, where N is the number of pulses required for filling the register. The register capacity varies due to clearing (before each filling) not to zero, but to $N' = N_m - N$, where N_m is the maximum capacity of the register. Thus, when N' varies, f_x also varies always remaining $f_x = (N_m - N')/\Delta t_r$. The frequency error is corrected

Card 1/2 UDC:621.373.023:621.373.078.6

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L 06124-67

ACC NR: AP6022005

"coarsely" by a servomotor-operated main capacitor of the oscillatory circuit and "finely" by an additional varicap in the same circuit. If the reference time interval is 1 sec, the value of $N_m - N'$ is in cps. In NMR apparatae, the value of $N_m - N'$ can be expressed directly in teslas or oersteds. The frequency stabilizing system is designed for a 1--10-Mc band (or 0.0235--0.2350 teslas). An additional high-speed decade is used to widen the frequency band to 100 Mc (or 2.35 tl). Principal circuit diagrams of the apparatus and its component parts are explained. Orig. art. has: 9 figures and 5 formulas.

SUB CODE: 20, 09 / SUBM DATE: 08Jun65 / ORIG REF: 002

Card 2/2 LC

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILIPKO, Yu.L., starshiy inzhener-leytenant

Visiting brigades from the laboratory for measuring equipment.
Vest.protivovozd.obor. no.12:19-20 D '61. (MIRA 15:3)
(Measuring instruments—Testing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILIPSKOY, P., kapitan

Our guard duty practice. Voen. vest. 42 no.5:67-68 My '63. (MIRA 16:5)

(Russia--Army--Guard duty)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

BOGDANOVA, Ye.N.; PRILIPUKHOVA, N.F. (Leningrad)

Some characteristics of the reactivity in epileptic children. Zhur. nevr. i psikh. 65 no.7:1100 '65. (MIRA 18:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKAYA, M. V., Candidate of Chem Sci (diss) -- "The chloromethylation of simple esters of the dihydroxybenzenes and certain transformations of their chloromethyl derivatives". Vil'nyus, 1959. 30 pp (Min Higher Educ USSR, Vil'nyus State U im V. Kapsukas, Chem Faculty), 150 copies (KL, No 20, 1959, 109)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

BLOKHIN, V.N.; GRIGOR'YEV, M.G.; KOZHEVNIKOV, A.I.; KOROLEV, B.A.; MATYUSHIN, I.F.; PARIN, B.V.; TSIMKHES, I.L.; KALININA, G.V.; FEDOROV, A.M.; KOLOKOL'TSEV, M.V.; SOKOLOV, V.V.; PRILUCHNAYA, O.A.; SHUMILKINA, Ye.I.; ABRAMOV, Yu.G.; RYURIKOV, A.Kh.; IKONNIKOV, P.I.; VOZNESENSKIY, I.Ya.; TEPLOV, S.V.; MIZINOV, N.N.; KUKOSH, V.I.

V.M.Durmashkin; obituary. Ortop., travm. i protez. 21 no.8:81 Ag '60. (MIRA 13:11)

(DURMASHKIN, VIKTOR MARKOVICH, d. 1960)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PALLADINA, L.I.; GUDINA, A.M. [Hudina, A.M.]; PRILUTSKAYA, L.N. [Prylutsʼka, L.M.], studentka

Effect of some biologically active substances on the enzyme activity of regenerating tissues. Ukr. biokhim. zhur. 35 no.2: 282-293 '63. (MIRA 17:9)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R. Kiev.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKAYA, N. L. Cand. Tech. Sci.

Dissertation: "Physicomechanical Indexes and Exploitation Properties of Footwear Kersey." Moscow Technological Inst of Light Industry imeni L.M. Kaganovich, [illegible].

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PROCESSES AND PROPERTIES INDEX

B-II-10

OC

Anticorrosive treatment of metal used in the boot industry. K. K. GAVRILOV and N. L. PRILUTSKAIA (Kosh. Obuvn. Prom., 1939, No. 3, 17—18).—Corrosion of Fe wire and tacks embedded in leather, with resultant deterioration of the leather by corrosion products, is prevented by coating with various metals; the effectiveness of the coatings is in the order Ni < Zn = Cd < Cu. Brass wire is not corroded.

R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

29

Shrinkage of uppers made of Russian leather. N. I. Prilutskaya. *Ko hevenno Obuvnaya Prom.* 18, No. 5, 21-3 (1939). Russian leather chrome-tanned and then treated with a mixt. of 30% willow and 70% oak ext., limed and retted, was stuffed with (I) fish oil 30, lard 30, tar 25 and degras 15%, or (II) fish oil 45, suet 35, paraffin 10 and tar 10%. Strips of the leather contg. moisture 12, 14, 20 and 40% were stretched at a load of 0.5 kg./sq. mm. Leather stuffed with II gave lower swelling and higher residual deformation. The leather should be moistened before stretching to increase the residual deformation. The leather should be dried on rods or frames; this produces a greater residual deformation. A. A. Boehtlingk

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

AUTHOR INDEX

1ST AND 2ND ORDERS

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

29

Reasons for the softening of plastic leather shoe soles in yufts footwear and working out remedies for the elimination of softening. K. K. Gavrikov, N. L. Pilutskaya, A. A. Pelchin, P. P. Dagaev, V. M. Klyuev, V. G. Savkin, N. I. Barinov and I. G. Shapiro-Pyatetskii. *Trudy Nauch.-Issledovatel. Inst. Kozhevenno-Obuvnoi Promsh. Sbornik Rabot* No. 13, 77-101(1940). The softening of the sole prepd. from plastic leather was caused by the fat present in the yufts leather as well as by the rubber cement used in attaching of the sole to the shoe. The fat in the yufts leather originated from the fat-liquoring of the leather. The following ingredients affect the plastic leather sole in decreasing order: fat, train oil, mineral oil, fat and sulfonated train oil. The fat resistance of the plastic leather depends to a great extent upon the type of rubber in the sole, synthetic rubber being more fat-stable than natural rubber. A. A. Boehtlingk

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

24

Fillers used in sole leather. N. L. Prilutskaya. *Kozhevenno-Obuvnaya Prom. S. S. S. R.* 19, No. 3, 7-8 (1940).—Fillers of glucose, MgO and oak ext. in the ratio of 4 1 2 gave leather a better appearance, but poorer water resistance. The expts are described and results are tabulated. A. A. Boehtlingk

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

J. of C.L.

Textile Rubber Composite Soals

Hygienic properties of upper leather substitutes for footwear. N. L. PRILUTSKAYA. *Legkaya Prom.*, 1950, 10, July, p. 25-27; *Kunststoffe*, 1951, 41, 197. The shortcomings of existing methods for testing air permeability, water-vapour permeability, and moisture absorption and release have been eliminated in new test methods. Testing hitherto took little account of actual conditions, *e.g.*, the effect of the temperature drop invariably present between the inside and the outside of the shoe was ignored. Data are given on the properties of various upper leather substitutes and a description is given of a proposed testing device embodying an enclosed warm water bath with a number of apertures for the insertion of test tubes containing distilled water and sealed off with the leather substitute to be tested, the diffusion and absorption of moisture being determined after 16 hours' treatment. 66X2.4462

Sept. '51

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

1. PRILUTSKAYA, N. L.

2. USSR (600)

4. Shoe Industry

7. Determination of the quality of sole rubber according to the diagram of stretch. Leg. prom. no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

LAPIN, N.N., dots.; PRILUTSKAYA, N.S.

Rapid method of detecting arsenic in cast iron and carbon steel. Sborn.nauch.trud. Zhdan.met.inst. no.4:216-221 '57. (MIRA 11:11)
(Metals--Analysis)
(Volumetric analysis) (Arsenic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

SOV/137-58-8-18123

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 273 (USSR)

AUTHORS: Lapin, N. N., Prilutskaya, N. S.

TITLE: Rapid Method of Determination of Arsenic in Cast Iron and Carbon Steels (Uskorennyy metod opredeleniya mysh'yaka v chugunnykh i uglerodistykh stalyakh)

PERIODICAL: Sb. nauchn. tr. Zhdanovsk. metallurg. in-t, 1957, Nr 4, pp 216 - 221

ABSTRACT: The method of determination of As is based on the combination of the process of dissolution of the specimen and the simultaneous distillation of $AsCl_3$ into a receiving vessel where it is titrated with $KMnO_4$ in the presence of Sb^{3+}. Into the distillation flask 30 g of $FeCl_3$, 5 - 7 g of cuprous chloride, 2 - 3 g of the iron (steel) are introduced, 15 cc of concentrated HCl are added, the mixture is heated, and after 10 - 15 min 15 cc of HCl are added, continuing the distillation for 25 - 35 min. 5 min before the completion of the distillation 10 more cc of HCl are added. The $AsCl_3$ is absorbed by ice water. To the distillate are added a known amount of Sb^{3+} sulfate, 50 cc of H_2SO_4 (1:2), and 2 drops of methyl orange. It is

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

SOV/137-58-8-18123

Rapid Method of Determination of Arsenic in Cast Iron and Carbon Steels

then titrated with $KMnO_4$. The calculation is done by the formula, %As = (V·T-A)·100/a, where a is the weight of the specimen; V is the number of cc of the solution of $KMnO_4$ used in the titration; T is the titer of the $KMnO_4$ solution expressed in As; A is the amount of As corresponding to the solution of Sb^{3+} sulfate added. The error of determination of As in the standard specimens Nrs 199, 64, and 57 using 1 - 2-g samples constituted 0.22 - 3.10%. Iodometric determination is possible only with the use of refined Na bicarbonate.

1. Cast iron—Test methods 2. Steel—Test methods 3. Arsenic—Determination

Z. G.

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

85377

5.1190 also 2209

S/081/60/000/017/015/016
A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 17, p. 612, # 72080

AUTHORS: Yukhnovskiy, G.L., Prilutskaya, N.V.

TITLE: Catalytic Copolymerization of Cyclopentadiene With Alkyd Resins Modified by Oils

PERIODICAL: Tr. Khar'kovsk. politekhn. in-ta, 1959, Vol. 26, pp. 123-131

TEXT: The authors studied the process of copolymerization of cyclopentadiene (I) with alkyd resins (II) modified by oils. It was established that with a higher concentration of the catalyst (stannic chloride, III) the reaction is more intensive and heat liberation is greater. At a concentration of III equal to 0.9-1% of the total weight of the mixture, self-heating attains the boiling temperature of the solvent. Viscosity of the copolymer solutions obtained increases with higher concentration of III. Polymerization of I in the presence of complexes III with acetic acid proceeds more rapidly than in the presence of III, particularly at the initial stage. The effect of the acidity of II on the copolymerization process was studied on the example of II with various acidity

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

85377

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A006/A001

Catalytic Copolymerization of Cyclopentadiene With Alkyd Resins Modified by Oils

numbers. It is shown that in copolymerization of I with II, a great effect on the gelling rate is exerted by the amount of free phthalic anhydride contained in II. The highest reaction rate is observed in the case when the III: phthalic anhydride ratio = 1 : 0.5. The authors studied the effect of the fatness of II and the nature of oil on the copolymerization rate. When using resins of lower fatness, a higher reaction rate is observed. A technological process is suggested for obtaining copolymers I - II in the presence of III, as a result of which viscous liquids are developed producing fast drying films which show good adhesion, hardness and elasticity.

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L. Fayman

Translator's note: This is the full translation of the original Russian abstract.

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKAYA, N. V., Candidate Tech Sci (diss) -- "On the interaction of cyclopentadiene with alkidic tars". Khar'kov, 1959. 18 pp (Min Higher Educ Ukr SSR, Khar'kov Polytech Inst im V. I. Lenin), 150 copies (KL, No 24, 140)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

YUKHNOVSKIY, G.L.; PRILUTSKAYA, N.V.

Properties of copolymer films from cyclopentadiene with vegetable oils. Izv.vys.ucheb.zav.; khim. i khim.tekh. 1 no.5:100-106 '58. (MIRA 12:2)

1. Khar'kovskiy politekhnicheskiy institut, kafedra tekhnologii lakov i krasok.

(Cyclopentadiene) (Polymers) (Films (Chemistry))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

5(1, 3)

AUTHORS: Yukhnovskiy, G. L., Prilutskaya, N. V. SOV/153-58-5-17/28

TITLE: On the Properties of Copolymer Films on the Basis of Cyclopentadiene With Vegetable Oils (O svoystvakh plenok sopolimera na osnove tsiklopentadiyena s rastitel'nymi maslami)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1958, Nr 5, pp 100-106 (USSR)

ABSTRACT: Most foreign patents concerning the film forming copolymers of cyclopentadiene with vegetable oils, alkyd resins, colophonium etc. recommend a temperature of 200-300° and the application of pressure during copolymerization. The products obtained in this way form rapidly drying films of high hardness and gloss, these films are, however, not sufficiently elastic and resistant to shocks. In an earlier paper (Ref 1) the authors had proved that it is possible to obtain a product meeting high requirements by the catalytic copolymerization of cyclopentadiene with e. g. linseed oil and alkyd resins (1 : 1) in the presence of stannic chloride (0.8-1 per cent by weight). This catalyst is dissolved in benzene or dichloro ethane. The copolymer produced in this way is soluble in chlorinated and aromatic hydrocarbons, turpentine, acetone, sulfuric ether and mineral spirits at a

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

SOV/153-58-[illegible]-17/26

On the Properties of Copolymer Films on the Basis of Cyclopentadiene With Vegetable Oils

ratio of 1 : 1. Excess solvents lead to an opalescence of turbidity. The film is highly glossy, irreversible, is characterized by an excellent adhesion, and has a high elasticity of 1 mm according to the NIILK scale (Nauchno-issledovatel'skiy institut lakokrasochnoy promyshlennosti = Scientific Research Institute of Lacquer and Dye Industry). Its hardness is considerably higher than that of oil paint coats. The highest hardness is, however, not obtained immediately (Fig 1, Table 1). The comparative investigation of cold and hot dried films has shown that the better quality of the former (Table 3) is caused by a considerably lower content of oxygen (Table 2). Oxygen is mainly taking part in processes of oxypolymerization only. In cold dried films a considerable amount of oxygen is added during longer drying. Thus, besides copolymers low molecular oxygen containing compounds are formed which are not water-tight and have a low mechanical strength. 2) The fractionation of the copolymer and the investigation of the isolated fractions (Fig 2) has shown that it really is a copolymer and not a mixture of polycyclopentadiene with vegetable oil. 3) It was proved that tin tetrachloride which was used in the copolymerization as

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SOV/153-58-5-17/28

On the Properties of Copolymer Films on the Basis of Cyclopentadiene With Vegetable Oils

catalyst remains back in the copolymer as well as in the film without influencing the water-tightness and other properties of the films. There are 2 figures, 3 tables, and 11 references, 6 of which are Soviet.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut, Kafedra tekhnologii lakov i krasok (Khar'kov Polytechnical Institute, Chair of Lacquers and Dyes)

SUBMITTED: December 13, 1957

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

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GOL'DBERG, K.M.; GEL'FANDBEYN, N.M.; FAL'KOVICH, M.M.; PRILUTSKAYA, N.V.; Prinimala uchastiye: GALAGAN, Ye.M.

Automatic control of the process of alcoholysis in the manufacture of alkyd resins. Lakokras.mat. i ikh prim. no.1:75-78 '60. (MIRA 14:4)

(Alkyd resins) (Alcoholysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

YUKHNOVSKIY, G.L.; PRILUTSKAYA, N.V.; CHERNOBAY, A.V.

Copolymerization of cyclopentadiene with vegetable oils.
Zhur. prikl. khim. 31 no.7:1091-1100 Jl '58. (MIRA 11:9)
(Polymerization) (Cyclopentadiene) (Oils and fats)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKAYA, Ye.P.

Use of chemical fibers in lace and curtain fabrics. Tekst. prom. 19 no.1:50-51 Ja '59. (MIRA 12:1)
(Textile fibers, Synthetic) (Lace and lacemaking)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, A.L.

Individualized aural inserts for hearing aids. Zhur. ush., i gorl. bol. 20 no.6:87-88 N-D '60. (MIRA 15:2)

1. Iz kabineta slukhovogo protezirovaniya 1-y gorodskoy klinicheskoy bol'nitsy g. Vinnitsy.

(HEARING AIDS)

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PRILUTSKIY, A.V.

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PRILUTSKIY, A. V.

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634.982.54:658.283

SO: Knizhnaya Letopis', Vol. 1, 1955

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PRILUTSKIY, Aleksey Vasil'yevich; MYAGKOV, V.A., redaktor; SHAKHOVA, L.I., redaktor; SHITS, V.P., tekhnicheskiy redaktor.

[Floating of timber] Splav lesa. Moskva, Goslesbumizdat.No.3 [Rafting points and mechanisms] Splotechnye reidy i mekhanizmy. 1955. 81 p. (MLRA 9:5)

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MUCHNIK, Samuil Yakovlevich; PANOV, Nikolay Nikolayevich; PRILUTSKIY, A.V., redaktor; YEPISHKINA, A.V., redaktor izdatel'stva; SHITS, V.P., tekhnicheskiy redaktor

[Controlling floating channels] Regulirovanie splavnoi trassy. Moskva, Goslesbumizdat, 1955. 239 p. (MLRA 9:7)
(Hydraulic engineering) (Lumbering)

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PRILUTSKIY, Aleksey Vasil'yevich; MYAGKOV, V.A., redaktor; SIDEL'NIKOVA, L.A., redaktor izdatel'stva; KOLESNIKOVA, A.P., tekhnicheskiy redaktor

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(Lumber--Transportation) (Waterways)

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VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; DOLUKHANOV, A.G.; MANDZHAVIDZE, D.V.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; ODISHARIYA, K.N.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOKIA, M.F.; SKHIYERELI, V.S.; AVALIANI, N.M., red.izd-va; TODUA, A.R., tekhred.

[Dendroflora of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi. Vol.1. [Gymnospermae. Chlamydospermae. Angiospermae - Monocotyledonae] Gymnospermae - golosemennye. Chlamydospermae - pokrovosemennye. Angiospermae - (Monocotyledoneae) - pokrytosemennye (odnodol'nye).1959. 406 p. (MIRA 13:6)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa. 2. AN Gruzinskoy SSR (for Gulisashvili).
(Caucasus--Trees) (Caucasus--Shrubs)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

COUNTRY : USSR
CATEGORY : Cultivated Plants, Fodder Grasses and Roots.
M
ABS. JOUR. : [illegible] 1959, [illegible] 1701

AUTHOR : [illegible]
INST. : Krivoy Rog State Pedagogical Inst.
TITLE : The Effect of Environmental Conditions on Subsequent Ripening of Lucerne Seeds.

ORIG. PUB. : [illegible] 1 [illegible] 2, 137-148
ABSTRACT : The effect of various storage conditions of seeds exposed to the free air, in the absence of air, in nitrogen, under various humidity conditions and temperature on swelling was studied. Under storage of lucerne seeds in the presence or absence of air, in nitrogen, under various temperatures (from -14-18 to -22°), the number of swollen and sprouting hard lucerne seeds changed very [illegible]. The basic factor affecting swelling appears [illegible] air humidity. Heating of [illegible] seeds in air at a temperature of 65° for 3 hours promoted the transition of part [illegible]

TABLE : 1/3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

KONSTANTINOV, B.A. dotsent, kand.tekhn.nauk; AYZENBERG, B.L., dotsent, kand.tekhn.nauk; KLEBANOV, L.D., kand.tekhn.nauk; NIKOGOSOV, S.N., dotsent, kand.tekhn.nauk; BARDIN, M.I., inzh.; KOROLEV, V.A., inzh.; PRINTSEV, A.A., inzh.; SOKOLOVA, K.I., inzh.; SHULYAT'YEVA, G.N., inzh.; ROZENBERG, B.I., prof., doktor tekhn.nauk [deceased]; BYKOV, N.G., inzh.; ZEYLIGER, A.N., inzh.; ZABRODINA, A.A., tekhn.red.

[Collected information data regarding the power factor (cos φ)] Sbornik informatsionnykh materialov po koeffitsientu moshchnosti (cos φ). Pod red. B.A.Konstantinova. Moskva, Gos.energ.izd-vo, 1959. 141 p. (MIRA 12:12)

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(Electric engineering)

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PRILUTSKIY, D.

Refrigerator cars equipped with overhead cooling tanks. Khol. tekh. 37 no.1:43-46 Ja-F '60. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti.
(Refrigerator cars)

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Seminar of the Scientific and Technical Society of the Food Industry on the exchange of work practices. Khol.tekh. 39 no.4:54-55 Jl-Ag '62. (MIRA 17:2)

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Khol.tekh. 39 no.6:63-66 N-D '62. (MIRA 15:12)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

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PRILUTSKIY, David Naftulovich; TSIPERSON, A.L., red.; MAMONTOVA, N.N., tekhn.red.

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(MIRA 14:1)

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(Bibliography--Food, Frozen)

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(Bibliography--Refrigeration and refrigerating machinery)

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PRILUTSKIY, A.A.

Clinical aspects of so-called collagen diseases. Vrach.delo no.10: 1091-1092 O '59. (MIRA 13:2)

1. Terapevticheskoye otdeleniye (nauchnyy rukovoditel' - dotsent I.S. Yanover) Chernovitskoy gorodskoy bol'nitsy No.1.
(COLLAGEN DISEASES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

USSR/General Problems. Methodology. History. Scientific Institutions and Conferences. Instruction. Questions Concerning Bibliography and Scientific Documentation A

Abs Jour : Ref Zhur-Khimiya, No 3, 1958, 6834

Author : D. Prilutskiy

Inst : All-Union Scientific Engineering Technical Society of Refrigerationists

Title : Part of Scientific-Technical Society in the Development of Refrigeration Technique

Orig Pub : Kholodil'naya tekhnika, 1957, 34, No 3, 38-39

Abstract : To the 40th anniversary of the Great October Socialist Revolution. A sketch of activities of the All-Union Scientific Engineering Technical Society of Refrigerationists. (since 1931).

Card 1/1

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SHEVCHENKO, A. (UB5CLX) (Chernovtsy); BASOV, V. (Moskva); PRILUTSKIY, G. (Pyatigorsk); ARKHIPOV, Ye. (Bugul'ma); VYSOCHIN, V. (Moskovskaya obl.); PRIKHUNOV, I. (Moskovskaya obl.); OBLASOV, G. (Kiyev); SMIRNOV, Yu. (UA4YB) (Kanash); KHOKHLOV, B. (Moskva); KHALDEYEV, A. (Przheval'sk); SKOBELEV, I. (Primorskiy kray); PROSKUROV, V. (Irkutsk); DOBRYNIN, Yu. (g.Ivanovo /obl./)

Exchange of experience. Radio no.10:22,26,29,32,37,40,44,46,58 O '64.

(MIRA 18:2)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, G.M.

5002

Chem

Sulfonation of unsaturated compounds. II. Sulfonation of acetylenic hydrocarbons. Mechanism of sulfonation with dioxane-sulfur trioxide. A. V. Dombrovskii and G. M. Prilutskii. *J. Gen. Chem. U.S.S.R.* 25, 1887-90 (1955)(Engl. translation).—See *C.A.* 50, 8450*b*.

L. M. R.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, G.M.

Sulfonation of unsaturated compounds. II. Sulfonation of acetylenic hydrocarbons. Mechanism of sulfonation with dioxane-sulfur trioxide. A. V. Dombrovskii and G. M. Prilutskii (State Univ., Chernovtsy). *Zhur. Obshch. Khim.* 25, 1049-7(1955); cf. *C.A.* 48, 5052c.—The dioxane-SO_3 complex was prepd. (*loc. cit.*) from 4[illegible] g. SO_3, 44 ml. dioxane and 160 ml. $(CH_2Cl)_2$. Into this was passed C_2H_2 (5.3 l.) at 30–40° with stirring; neutralization with aq. $BaCO_3$ and evapn. after filtration, gave 14 g. $(HC{:}CSO_3)_2Ba$, followed by 25 g. $(OHCCH_2SO_3)_2Ba$. The former with K_2SO_4 gave the K salt. Similarly 3.2 g. 1-hexyne and 10 g. dioxane-SO_3 gave 30[illegible] g. $C_6H_9SO_3H$, isolated as the Ba salt, $C_{12}H_{18}O_6S_2Ba$. PhC:CH (6.3 g.) treated with the complex prepd. from 10.5 ml. dioxane and 9 g. SO_3, the reaction being run at room temp., gave after 45 min. of reaction, followed by neutralization, 18.7 g. yellowish Ba salt $(BzCH_2SO_3)_2Ba$; the K salt was prepd. by exchange with K_2SO_4. The Ba salt oxidized with $KMnO_4$ to BzOH, while heating of the Ba salt with dil. HCl gave AcPh. Addn. of 22 g. dry dioxane in 22 ml. $(CH_2Cl)_2$ to 40 g. SO_3 in 200 ml. $(CH_2Cl)_2$ at 0–3° gave a ppt. of the complex, m. 69–70° (decomps. with explosive force at [illegible]); titration of a specimen with NaOH gave [illegible]. Thus, the formula of the complex is $C_4H_8O_2 \cdot SO_3$. The mechanism of the sulfonating action of this complex on acetylenes is believed to proceed through a cyclic intermediate such as $O_2S.CH{:}CH.SO_2O$, which with H_2O opens its ring yielding $HO_2SCH{:}CHOSO_3H$, which on neutralization can form a cyclic Ba salt involving both the acidic groups, followed by cleavage to $BaSO_4$ and $HO_2SCH{:}CHO$, the latter rearranging to the final product, OHCCH$_2$SO$_3$H. With very active H atoms being present in an acetylenic hydrocarbon, there is the 2nd possibility of direct sulfonation at this site.

G. M. Kosolapoff

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

USSR/Organic Chemistry. Synthetic Organic Chemistry. E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19223

Author : Kiprianov A. I., Prilutskiy G. M.
Inst :
Title : N-alkylphenazinones. IV.

Orig Pub: Ukr. khim. zh. 1956, 22, No 3, 359-362.

Abstract: It is shown, that at the alkylation of 10-ethylphenazinone-1 (I) and 9-ethylphenazinone-2 (II) quarternary salts (QS) of alcozyphenazines are formed. From the latter by oxidation in an alkaline solution are obtained 9-ethylalcoxyphenazinones-1 /3.36 g. II and 6 cc $(CH_3)_2SO_4$ in 40 cc C_6H_6 are boiled 15. min.; on cooling are obtained methyl sulfate of 2-methoxy -9-ethylphenazine (III), yield 94%, m.p. 185-186°; iodide, m.p. 182° (from 50% alc.). From II and CH_3I (tube 90°, 30 min.) the yield of iodide is 53%. From 2.24 g. II, 5 cc $(C_2H_5)_2SO_4$ in 30

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

USSR/Organic Chemistry. Synthetic Organic Chemistry. E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19223

cc toluene (boiling 25 min.) is obtained ethylsulfate of 2-ethoxy-9-ethylphenazine (IV), yield 90%; iodide, m.p. 204.5° (from water) From II and C_2H_5I (100°, 30 min.) yield of iodide is 37%. 2.24 g. I and 1.7g. $(CH_3)_2SO_4$ are heated 1 min. at 105° and washed with ether; yield of methylsulfate of 1-methoxy-10-ethylphenazine (V) is 55%; iodide, m.p. 189° (from 50% alc.). To a solution of 1.5 g. III in 500 cc water is added 1 g. Na_2CO_3 and is left standing in an open dish in direct sunlight for 8 hours, it is slightly alkalized, the products are extracted with $CHCl_3$ and chromatographed on Al_2O_3; II (crimson zone), m. p. 174°, and 3-methoxy-I (blue violet zone), yield 37%, m.p. 145-146° (from water) are isolated. From IV is obtained in an analogical way 3-ethoxy-I, yield 27%, m.p. 124-125° (from water). To a solution of 3.5g. III in 140

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

USSR/Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19223

E-2

cc water are added 6.5 g. $K_3Fe(CN)_6$ and 22 cc of 10% solution of NaOH in drops. In 3 hours, analogically to 3-methoxy-I are isolated II and 2-methoxy-9-ethylphenazinone(VI), yield 36%, m.p. 223° (from alc.-benzene). The aqueous solution of V (from 4.5 g. I) is oxidized with 12g. $K_3Fe(CN)_6$ and 40 cc 10% NaOH, in 12 hours analogous to 3-methoxy-I are isolated: 1-methoxy-10-ethylphenazinone-3 (VII) (crimson zone), yield 32%, m.p. 250-251; 1-methoxy-10-ethylphenazinone-6 (VIII) (red zone), yield 45%, m.p. 240° (from dioxane-ligr.); and I (blue zone), m.p. 187°. By heating I with $(C_2H_5)_2SO_4$(125°, 20 min.) and oxidation of QS are obtained: 1-ethoxy-10-ethylphenazinone-3, yield 37%, m.p. 211°, and 1-ethoxy-10-ethylphenazinone-6, yield 46%, m.p. 195°. From 2.24 g. I and 4.9 g. o-$O_2NC_6H_4SO_2$-OC_3H_7 -n(120°, 30 min.) after oxidation QS are isolated, as described above, 1-n-propoxy-10-ethylphenazinone-3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, G.M.

Simple method of obtaining 9-acetyl-9,10-dihydrophenazine and 9,10-diacetyl-9,10-dihydrophenazine. Ukr. khim. zhur. 24 no.4:489-490 '58. (MIRA 11:10)

1. Institut organicheskoy khimii AN USSR.
(Phenazine)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

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5 (3)

AUTHORS: Kiprianov, A. I., Prilutskiy, G. M. SOV/79-29-3-57/61

TITLE: Reaction of Phenazine and N-Phenazine Oxide With Organomagnesium Halide Compounds (Vzaimodeystviye fenazina i N-okisi fenazina s galoidmagniyorganicheskimi soyedineniyami)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 3, pp 1020-1026 (USSR)

ABSTRACT: Besides the reactions of the organomagnesium halide compounds with phenazine derivatives, their quaternary salts, "Flavindulines", et al, the reaction of the phenazine itself with the above mentioned magnesium compounds has hitherto not been investigated (Refs 1-4). Mikhaylov and Blokhin (Ref 4) affiliated lithium phenylate to phenazine and transformed the reaction product without precipitation by methyl iodide into the 9-methyl-10-phenyl-hydrophenazine (Scheme 1). The authors found that the alkyl magnesium bromides react with phenazine analogously to C_6H_5Li. In the case of action of water upon the affiliation product the 9-alkyl-9,10-dihydrophenazines were obtained.

Card 1/3

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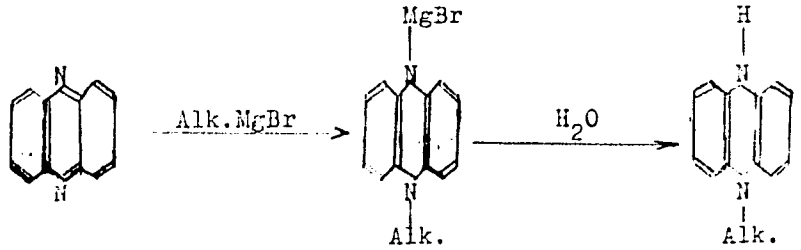
SOV/79-29-3-57/61

Reaction of Phenazine and N-Phenazine Oxide With Organomagnesium Halide Compounds



These dihydroderivatives which are unstable in air were not precipitated and transformed by the oxidation with diluted nitric acid into the corresponding quaternary phenazine salts (yield 39%). The dihydroderivatives are in alkaline solution transformed into the 9-alkyl-phenazinone-2 by potassium ferricyanide (50%) (Scheme 3). In order to obtain the above mentioned reaction the ratio Grignard reagent - phenazine has to be 2,5 mole: 1 mole. The reaction of phenazine with phenyl magnesium bromides differs from that with alkyl magnesium bromides (Scheme 4). The quaternary phenazine salts were synthesized as well by the reaction of the organomagnesium halide compounds with phenazine oxide, with subsequent decomposition of the reaction products

Card 2/3

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Reaction of Phenazine and N-Phenazine Oxide With Organomagnesium Halide Compounds SOV/79-29-3-37/61

by mineral acid. Thus the perchlorate of N-phenyl phenazinium was obtained and in the case of its photochemical oxidation the 9-phenyl-phenazinone-2 (Scheme 6). Thus 9-alkyl-9,10-dihydrophenazines and the corresponding quaternary salts of phenazine were newly synthesized. There are 6 references, 2 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk USSR (Institute of Organic Chemistry of the Academy of Sciences, Ukrainskaya SSR)

SUBMITTED: January 17, 1958

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

KOST'YANOVSKIY, I.A.; PRILUTSKIY, G.Ya.; SHTERN, M.A.; GORELIK, G.N.; REZKOVA, F.I.

Introducing a new method for the production of zinc oxide for needs of the paint and other branches of industry. A.K. Evdokimova, M.V.Potapov, A.K.Shakhnazarov. Remarks by I.A. Kostianovskii and others. Authors' response. TSvet.met. 35 no.12:69-72 D '62. (MIRA 16:2)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy nikelevoy promyshlennosti (for Kost'yanovskiy, Prilutskiy). 2. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut lakokrasochnoy promyshlennosti (for Shtern, Gorelik). 3. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy promyshlennosti tsvetnoy metallurgii (for Rezkova).

(Zinc oxide) (Evdokimova, A.K.)
(Potapov,M.V.) (Shakhnazarov,A.K.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Investigating the performance of the two-worm inclined type diffuser. Sakh.prom. 36 no.9:29-33 S '62. (MIRA 16:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Processes of the plasmolysis and leaching of cossetes in a single-column diffuser. Sakh. prom. 35 no.2:21-26 F '61. (MIRA 14:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.

(Sugar manufacture) (Sugar beets)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

GABOVICH, M.S., PRILUTSKIY, I.I.

Characteristics of the screw conveying system in battery diffusion cells. Sakh.prom. 34 no.7:28-30 Jl '60. (MIRA 13:7)

1. Kurskiy sovnarkhoz (for Gabovich) 2. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti (for Prilutskiy).
(Kshen (Kursk Province)—Sugar manufacture)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Some properties of the transporting systems in continuous diffusers. Sakh.prom. 34 no.1:17 Ja '60.
(MIRA 13:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.
(Diffusers)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Comparative evaluation of the work of continous diffusers.
Sakh. prom. 35 no.8:33-41 Ag '61. (MIRA 14:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.
(Diffusers) (Sugar industry--Equipment and supplies)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Study of the wear of rotary diffusers. Sakh. prom. 33 no.11:28-32 N '59. (MIRA 13:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti (TsINS)
(Sugar machinery) (Diffusers)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.I.

Investigating the operation of a single-column revolving diffuser. Sakh. prom. 33 no.5:34-39 My '59. (MIRA 12:7)
(Sugar machinery) (Diffusers)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, I.K.; FOTIN, B.S.

Effect of escapes on the volume ratio of piston and rotary compressors. Trudy LPI no.249:75-80 '65. (MIRA 18:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

VAY[illegible], [illegible].A.; PRIBUTSKIY, I.K.; FOTIN, B.S.

[illegible]imental determination of temperatures of the working [illegible] parts of piston compressors. Trudy LPI no.249:81-87 '65.
([illegible] 18:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 2318-66 EPA/EWT(1)/EWP(f)/T-2 WW

ACCESSION NR: AT5023181 UR/2563/65/000/249/0075/0080

33

B+1

AUTHOR: Prilutskiy, I. K., Fotin, B. S.

TITLE: The effect of leaks on the volume coefficients of piston and rotary compressors

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 249, 1965. Teplovyye dvigateli i transportnyye mashiny (Heat engines and transport machines), 75-80

TOPIC TAGS: gas compressor, multistage compressor, gas pressure

ABSTRACT: The authors investigate theoretically the influence of internal leakage on the efficiency of various types of compressors. In the case of ordinary air compressors in good working order, the effects due to internal gas leakage are usually negligible. In the case of compressors with differential pistons, the effect of leakages may become significant and must be taken into account during the design of such devices. Internal gas leaks also affect the distribution of gas pressures over the various stages. These pressures can be corrected by appropriate calculations of the true intake of gas. Orig. art. has: 28 formulas and 1 figure.

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

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

Card 1/2

L 2318-66
ACCESSION NR: AT5023181

SUBMITTED: 00 ENCL: 00 SUB CODE: PR

NO REF SOV: 005 OTHER: 000

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, L.L.

The EVG-4I and EKG-8I excavators. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no. 12: 7-9 D '65. (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, M.A.

7

KONYAKIN, Sergey Fedorovich, dotsent, kand.ekon.nauk; BERNSHTEYN, Iosif L'vovich, dotsent, kand.ekon.nauk; ELLINSKIY, Yuriy Fedorovich, starshiy prepodavatel'; DOLITSKIY, Ye.I., prof., doktor ekon.nauk, retsenzent; CHERKESOV-TSIBIZOV, A.A., starshiy prepodavatel', retsenzent; FROLOV, A.S., dotsent, kand.tekhn.nauk, retsenzent; KRUGLENKO, N.K., insh., retsenzent; ZOLOTUKHIN, Ye.A., obshchiy red., V redaktirovanii prinimali uchestiye: OGANOV, N.K., dotsent, red.; DUBCHAK, V.Kh., insh., red.; MARTIROSOV, A.Ye., insh., red.; KHAR'KOV, G.I., starshiy nauchnyy sotrudnik, red.; KRASHUSHNIKOV, V.G., dotsent, kand.ekon.nauk, red.; GEKHTBARG, Ye.A., insh., red.; BRUZZOLEV, G.G., insh., red.; PRILUTSKIY, M.A., insh., red.; KANTOR, L.M., dotsent, kand.ekon.nauk, red.; KUZ'MIN, T.P., insh., red.; FILIPPOV, K.D., red., KSENOFONTOVA, Ye.F., red.izd-va; TIKHONOVA, Ye.A., tekhn.red.

[Economics of water transportation] Ekonomika morskogo transporta. Pod obshchei red. IU.A.Zolotukhina. Moskva, Izd-vo "Morskoi transport", 1959. 391 p. (MIRA 13:3)

(Shipping--Finance)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 8911-65 EWT(m)/T IJP(c)/AFMDC/RAEM(t)/ESD(t)/AEDC(b)/AS(mp)-2/ESD(gt)

ACCESSION NR: AT4013983 S/3070/63/000/000/0152/0156

AUTHOR: Gall', R. N.; Podkopayeva, N. G.; Prilutskiy, R. Ye.; Tyutikov, A. M.; (B) Shereshevskiy, A. M.

TITLE: An ion counter 19

SOURCE: Novy*ye mashiny*i pribory* dlya ispy*taniya metallov. Sbornik statey. Moscow, Metallurgizdat, 1963, 152-156

TOPIC TAGS: ion counter, ion current channel, mass spectrometer, ion channel sensitivity, ion counter design, ion current measurement

ABSTRACT: Noting that one of the fundamental problems in the development of mass-spectrometric equipment is the need to increase the measurement sensitivity for ion currents (which does not exceed $2 \cdot 10^{-15}$ amperes in conventional mass-spectrometers), the authors announce the development of an ion counter which permits a 1000-fold increase in the sensitivity of the ion current measuring channel. A simplified block diagram of the ion counter (see Fig. 1 in the Enclosure), the design of an ion receiver and an electron multiplier with measuring unit are illustrated. Three procedures are described for the use of this counter in measuring ion currents. In the first method, as in the conventional mass spectrometer, the lower test limit for ion currents is fixed by the fluctuations and drift of the

Card 1/5

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 8911-65

ACCESSION NR: AT4013983

electrometric amplifier, the level of which corresponds to an ion current of $2 \cdot 10^{-15}$ amperes. The second method - the measurement of the integral value of the current at the output of the electron multiplier - provides a test range for ion currents extending from 10^{-10} to 10^{-18} amperes with a multiplier gain factor of 10^6. The third procedure calls for the ion current to be measured according to the mean repetition frequency of the pulses, created by the individual ions, at the multiplier output. In this case, the recommended test range is 10^{-15} - 10^{-18} amperes. The operation of the test circuit with the electron multiplier is described in detail. The pulse amplifier contains a pulse-shaping stage, three voltage-boosting stages and a cathode follower at the output. Maximum gain of the pulse amplifier is $3 \cdot 10^4$; amplitude characteristic nonlinearity up to an output voltage of 150 volts is not more than 2%, and gain factor instability after 8 hours of continuous operation is less than 2%. The differential analyzer is briefly described; the time constant of the intensimeter integrating network is said to be 1 second. A 16-stage linear electron multiplier with electrostatic focussing is used in the ion counter. The dynode activation method employed provides high gain together with high stability. The ion counter was tested on a MI1306 mass-spectrometer with a central trajectory radius of the ion beam of 300 mm. An error range below 2% was confirmed in the measurement of abundance ratios for Hg and Xe isotopes. Orig. art. has: 4 graphs and 1 table.

Card 2/5

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 8911-65
ACCESSION NR: AT4013983

ASSOCIATION: Spetsial'noye konstruktorskoye byuro analiticheskogo priborostroyeniya (Special Design Bureau for Analytic Instrumentation)

SUBMITTED: 00 ENCL: 02

SUB CODE: NP NO REF SOV: 001 OTHER: 001

Card 3/5

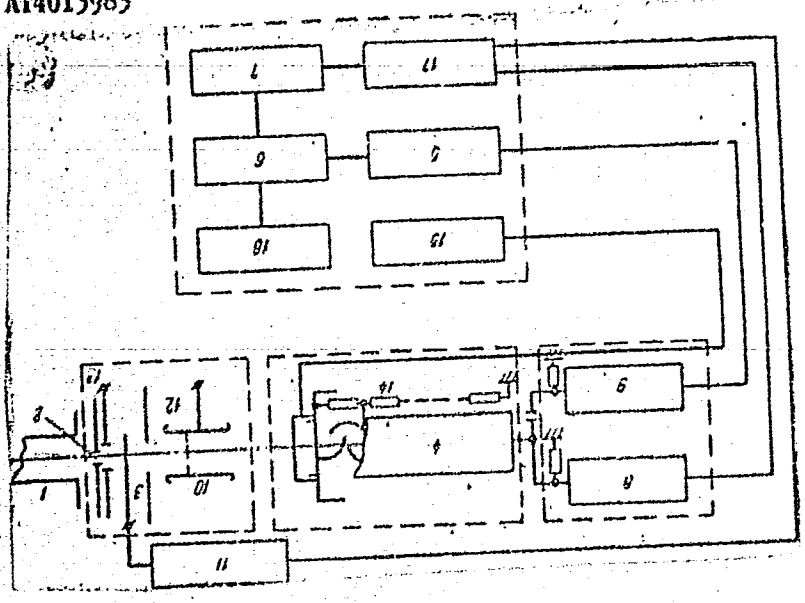
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 8911-65

ACCESSION NR: AT4013983

ENCLOSURE: 01



Card 4/5

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

L 8922-65

ACCESSION NR: AT4013983 ENCLOSURE: 02

Citation to Fig. 1.

Fig. 1. Simplified block diagram of ion counter

1-analyzer chamber, 2-ion receiver aperture, 3-traversing collector, 4-electron multiplier, 5-impulse amplifier, 6-analyzer, 7-rate meter, 8-electrometric cascade II, 9-cathode follower, 10-retarding electrode, 11-electrometric cascade I of DC amplifier, 12-grounded screen, 13-antidynatron electrode, 14-voltage divider, 15-multiplier power unit, 16-counter, 17-DC amplifier unit

Card 5/5

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.

Conference of experts in legal medicine and forensic chemistry.
Zdrav. Bel. 6 no.12:67 D '60. (MIRA 14:1)
(MEDICAL JURISPRUDENCE) (CHEMISTRY, LEGAL)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.

All-Union Conference of Medicolegal Experts. Zdrav.Belor. 3 no.10:79 O '57. (MIRA 13:6)
(MEDICAL JURISPRUDENCE--CONGRESSES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.

Meeting of chief experts in legal medicine. Zdrav. Belor. 6 no.3: 75 Mr '60. (MIRA 13:5)

(MEDICAL JURISPRUDENCE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.A. (Moskva)

Death in water. Sud.-med.ekspert. 6 no.2:24-27 Ap-Je '63. (MIRA 16:7)

(DEATH--CAUSES) (WATER--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.A.

Review of O. Elacic' book "Case of death due to the suction of a man's body into the motor of jet airplane". (in French) Sud.-med. ekspert. 6 no.4:57-58 O-D'63 (MIRA 16:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.A., dotsent; GORELYSHEVA, A.Ye., assistent

Diagnosis of stabbing and cutting wounds of the cranium. Zdrav. Belor. 5 no.11:22-26 N '59. (MIRA 13:3)

1. Byuro sudebnomeditsinskoy ekspertizy Ministerstva zdravookhraneniya BSSR (nachal'nik byuro - S.A. Prilutskiy).
(SKULL--WOUNDS AND INJURIES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, S.A.

Activity of the Problem Commission of the Scientific Research Institute of Forensic Medicine of the Ministry of Public Health of the U.S.S.R. Sud.-med. ekspert. 8 no.2:12-15 Ap-Je '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir.-prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR, Moskva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRIIUTSKIY, S.A., dotsent; BASINA, Kh.Ya.

Some peculiarities of the course of mechanical asphyxia and possibilities of resuscitation. Zdrav. Bel. 5 no.5:29-31 My '59. (MIRA 12:8)
(ASPHYXIA)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

S/121/61/000/004/005/008
D040/D113

AUTHORS: Chalyy-Prilutskiy, A. A., and Prilutskiy, V. A.

TITLE: A two-coordinate converter for studying the vibration of cutters

PERIODICAL: Stanki i instrument, no. 4, 1961, 26-27

TEXT: A new two-coordinate converter developed at the Kuybyshevskiy industrial'nyy institut (Kuybyshev Industrial Institute) for experimental work on the vibration of cutters directly on machine tools under both laboratory and workshop conditions, is described. It makes possible the recording of vibrations along two axes simultaneously, it is simple in design and handy, and may be installed in ordinary tool holders of any lathe-type machine tool. The converter is shown in plan view and from the rear side of the machine tool (Fig. 1 and 2, respectively). It consists of horizontal (1) and vertical (2) pickups of similar design. The converter frame (4) fixed on the cutter is connected to the pickups by leaf springs (3). The springs allow the pickups to operate independently of one another, whilst the vertical and horizontal cutter vibrations are simultaneously changing.

Card 1/3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

A two-coordinate converter ...

S/121/61/000/004/005/008
D040/D113

Vibration on only one axis can be measured separately. The operational principle is as follows: the frame (4) vibrating with the cutter moves the rods (5) and (6) thus changing the gap (Δ) between the plates and consequently also the capacitances of the pickups. The varying capacitance is transformed into voltage or current, amplified in a two-channel amplifier, and recorded on a tape. Dial drums (7) are used for adjusting the gap between the plates and for static calibration of the converter. The plates are insulated from the guide bushings (8) of the drums by three bushings (9, 10 and 11). A terminal block is installed on the tool holder for connecting the converter to the amplifier, and the capacitance plates are connected to the terminal block. The design of the converter eliminates the possibility of chips falling into the pickups. The converter has been tested and proved dependable and accurate in a wide amplitude and frequency range. There are 2 figures. [Abstracter's note: Essentially complete translation].

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, V.I.

Forms of morphophysiological readjustment of the adrenal cortex under the effect of a strong "stressor" and high ACTH doses. Farm. i toks. 27 no.3:339-342 My-Je '64. (MIRA 18:4)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya (zav. I.M.Sapelkina) II Moskovskogo meditsinskogo instituta imeni Pirogova.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, V.S.

Chemical characteristics and cyclicity of magmatic phenomena in the Krasnovodsk region. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.3:118-120 '63. (MIRA 17:3)

1. Institut geologii AN Turkmenskoy SSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, Yu., agronom.

Awakened virgin lands. IUn. nat. no.10:10-11 O '58. (MIRA 11:10)

(Kazakhstan--Tillage)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILUTSKIY, YU. M.

20050 PRILUTSKIY, YU. M. Zamenitili vysokoolovyanistykl babbitov v avtoremontnom dele. sakhar. prom-st', 1949, No. 6, s. 40-42.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

1. PRILUTSKIY, Yu. M. - YURKOVSKIY, N. P.

2. USSR (600)

4. Automobiles - Maintenance

7. Operating an automobile for 200,000 kilometers without major repair. Sakh, prom.26 no. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020016-1

PRILYUK, Nikolay Vital'yevich; KUZ'MINOV, A.I., red.

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