- 1. V. P. SHEPILOV, Eng.
- 2. USSR (600)
- 4. Bearings (Machinery)
- 7. Supplying railroad transportation with high-grade bearings. Podshipnik no. 12. 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

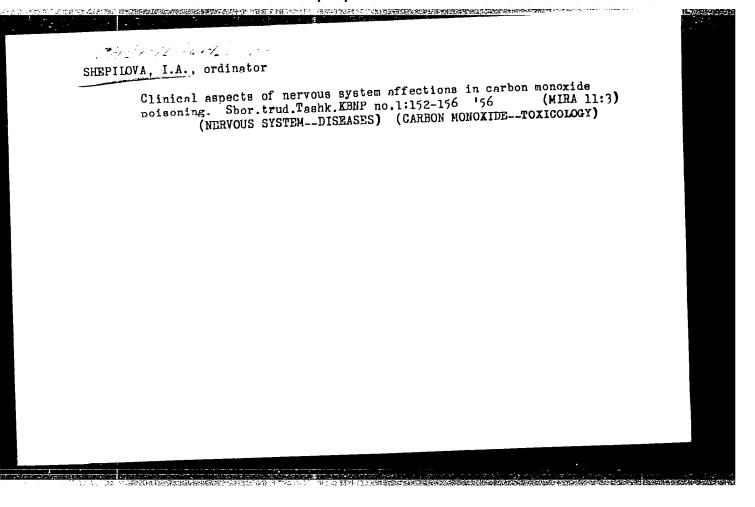
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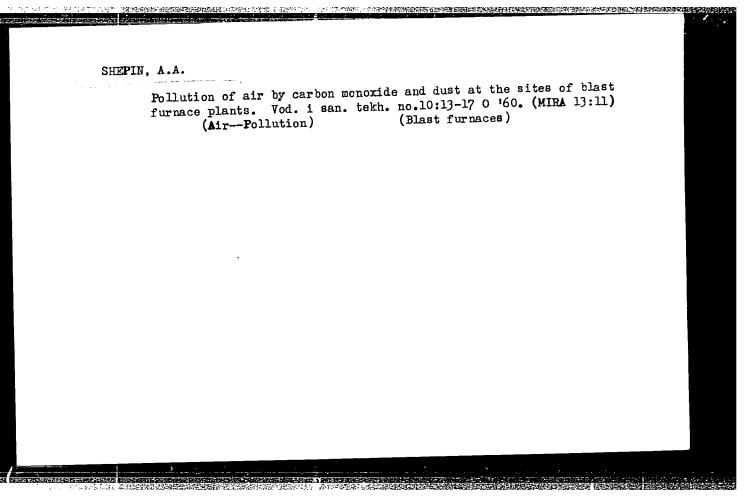
UVAROV, V.V., prof., doktor tekhn.nauk; IEREDYANSKIY, L.S., konstruktor; OMIROV, V.S., inzh.; CHERNOBROVKIN, A.P., kand.tekhn.nauk, dots.; SHARGOVSKIY, R.I., inzh.; SHEPILOV, V.P., inzh.

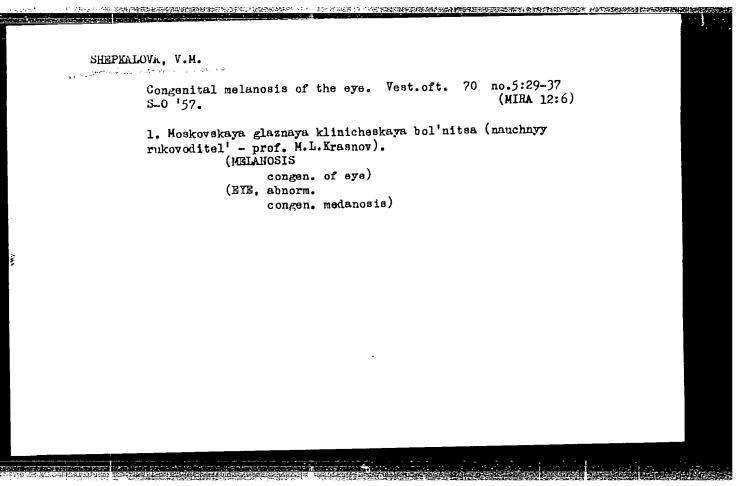
The 6,000 hp. gas turbine locomotive constructed by the Kolomna Plant. Izv. vys.ucheb.zav.; mashinostr. no.6:104-108 '58. (MIRA 12:8)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana i Kolomenskiy teplovozostroitel'nyy zavod im. Kuybysheva.

(Gas turbine locomotives)







ZIYANGIROVA, G.G.; SHEPKALOVA, V.M. (Moskva)

"Chronic hyperplasia of the connective tissue" [in German] by
Rasheff. Reviewed by G.G. Ziiaugirova, V.M. Shepkalova, Vest.oft.
72 no.5:61 S-0 '59.

(CONJUNCTIVA--DISEASES)

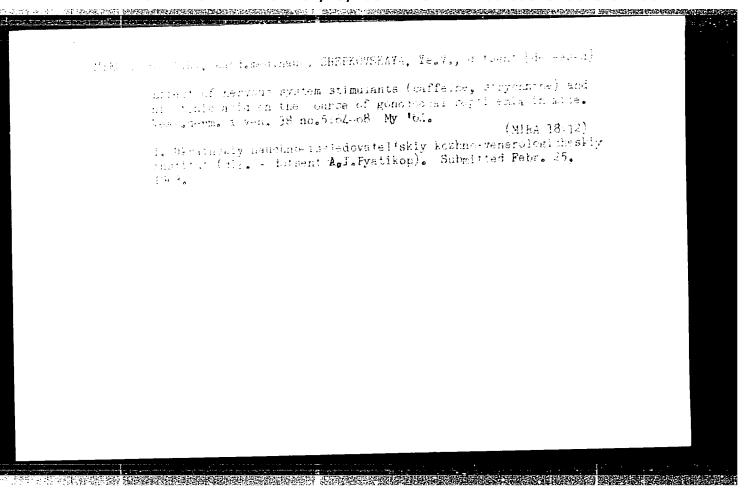
(RASHEPT)

(RASHEPT)

AGAPOV, Yu.Ya.Prinimal uchastiye SHUVALOV, V.K.; SHEPKIN, L.G., red.; PRONINA, N.D., tekhn. red.

[Collection of tables on gas exchange]Sbornik tablits po gazoobmenu. Moskva, Medgiz, 1963. 79 p. (MIRA 16:3)

(RESPIRATION) (BASAL METABOLISM)



| L 43005-65 EWT(d)/EWT(l)/EWT(m)/EWP(w)/EWP(v)/T-2/EWP(k)/EWA(h) Pf-4/Pob<br>ACCESSION NR: AP5011480 EM UR/0029/65/000/004/0024/0025   |     |   |
|---|-----|---|
| AUTHOR: Merkulov, A. (Candidate of technical sciences) (Kuybyshev); 26 Sheplyakov, V. (Engineer) (Kuybyshev)  |     |   |
| TITLE: The Vikhr' is ready for flight [Newly designed Soviet one-man helicopter]  |     |   |
| SOURCE: Tekhnika - molodezhi, no. 4, 1965, 24-25  |     |   |
| TOPIC TAGS: helicopter, one man helicopter, helicopter design, ram-<br>jet driven helicopter, helicopter rotor bushing, helicopter rotor<br>assembly, rotor root  |     |   |
| ABSTRACT: An independent helicopter-design bureau at the Kuybyshev Aviation Institute has designed a light one-man helicopter, the Vikhr's  |     |   |
| which is now ready for stand tests. The Vikhr' is equipped with rotor end-mounted ramjets weighing 1.2 kg, developing 25 hp, and operating on kerosene. A 30—40 m/sec rotor peripheral velocity is necessary    |     | , |
| to start the ramjets. The length of each duraluminum rotor is 3 m, with a width of 140 mm. The tricycle landing gear's two rear wheels are equipped with shock absorbers and its front wheel is self-orienting. | ng, |   |
| Card 1/2  |     |   |
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| L 43005-65<br>ACCESSION NR  |  |                          |                                    |                      |  | 0                                |       |     |
| pilot's left  | . The hel  | copter                   | 8 IIIgu                            | The d                | le control is is 190 kg (pi ynamic ceiling flies at up t | is 9000 m                        |       |     |
| and has a function and has a function and has a function of the two has a function and the | ic ceiling<br>light durs<br>bushing"<br>cotors when  | tion of is used rein the | l hr. which p hinge's              | The arti             | cle stresses to the hinger                               | hat an loonection otor axis.     |       |     |
| <b>-</b>  |  |                          |                                    | FYANRILL.            | on to a reco-  |                                  | . 652 |     |
| This "bushing in the event  | g" provide<br>of engine                              | a raliur                 | e or shu                           | bushing.             | The article co<br>" rotor assemb<br>5 figures.           | ontains seve<br>oly, and<br>[LB] |       |     |
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Operation of a blood transfusion department in a district hospital.

Probl.gemat.i perel.krovi no.6:57-59 161. (MIRA 14:10)

1. Iz Belokalitvenskey rayonnoy bolinitsy (glavnyy vrach 0.Ye. Chernetskiy) Rostovskoy oblasti.
(BLOOD-TRANSFUSION) (HOSPITAIS)

SHEPOTINOVSKIY, V.I.

Some problems in the organization of blood service in a rural district. Zdrav. Ros. Feder. 5 no.1:29-31 Ja '61. (MIRA 14:1)

1. Iz Belokalitvenskoy rayonnoy bol'nitsy (glavnyy vrach 0.Ye. Chernetskiy) Rostovskoy oblasti.
(BLOOD—COLLECTION AND PRESERVATION)

CHERNETSKIY, O. Ye.; SHEPOTINOVSKIY, V. I.; MILOVANOVA, A. Kh.

Our experience in providing drugs without a prescription to patients of a polyclinic. Zdrav. Ros. Feder. 6 no.6:23-25 Je :62. (MIRA 15:7)

1. Belokalitvenskaya rayonnaya bol'nitsa (glavnyy vrach 0. E. Chernetskiy) Rostovskov oblasti.

(HOSPITAL PHARMACIES)

SHEPOTINOVSKIY, V.I.

Murses' councils. Med. sestra 21 no.5:63-64 My '62. (MIRA 15:5)

1. Zamestitel glavnogo vracha rayonnoy bol'nitsy, Belaya Kalitva Rostovskoy oblasti.
(NURSES AND NURSING)

SHEPOTINOVSKIY, V.I. (Belaya Kalitva, Rostovskoy oblasti, Sportivnaya ul.d.8)

Blood transfusion according to data from the surgical ward of a district hospital. Vest.khir. 89 no.9:114-116 S '62.

(MIRA 15:12)

1. Iz Belo-Kalitvenskoy rayonnoy bol'nitsy Rostovskoy oblasti (glavnyy vrach - O.Ye.Chernetskiy).

(BLOOD\_TRANSFUSION)

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SHEPOTINOVSKIY, V.I.

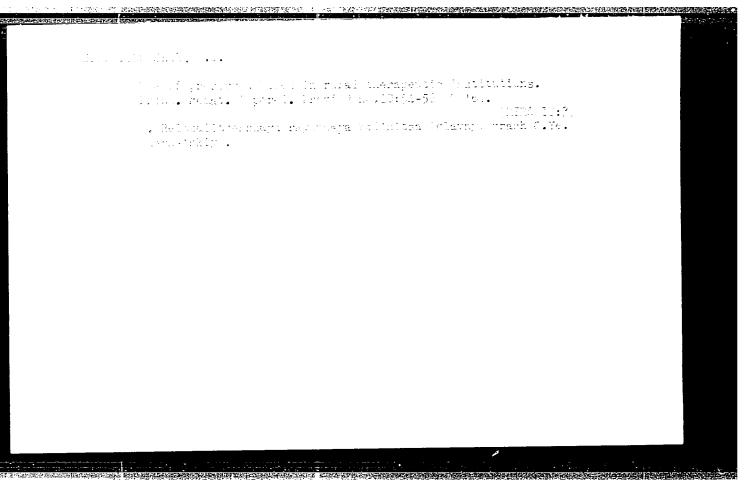
Role of subprofessional medical personnel in the prevention of complications in blood transfusion. Med. sestra 22 no.10: 50-52 0'63 (MIRA 16:12)

1. Zaveduyushchiy otdeleniyem perelivaniya krovi Belo-Kalitvinskoy rayonnoy bol'nitsy Rostovskoy oblasti.

SHEPOTINOVSKIY, V.I.

Analysis of reactions following blood transfusion based on data of a district hospital. Sov. med. 26 no.4:101-104 Ap '63. (MIRA 17:2)

1. Iz otdeleniya perelivaniya krovi (zav. V.I. Shepotinovskiy) rayonnoy bol'nitsy (glavnyy vrach 0.Ye. Chernetskiy).



SHEPOTINOVSKIY, V.I.

Improve blood transfusion service in an enlarged rural district. Sov. med. 27 no.12:70-72 0 '64. (MIRA 18:11)

1. Belokalitvenskaya rayonnaya bol'nitsa Rostovskoy oblasti.

CHESTOTIETVIKIT, V.1.

Then't for the recording of blood transfusions. Probl. gemat. 1 percl. know1 9 no.6451-52 Je '64. (MIR' 1812)

1. Otdeleniye percliveniya know1 (cav. V.I. Shepotinovskiy) islokalitovenskoy genedakoy telinitsy (glavnyy vrach 0.16.

Therastskiy) Rostovskoy oblecti.

ORECHKIN, D.; POFOVA, N.; RYKOVA, I.; SHEPOT'KU, O.

First experiments, first discoveries. Pozh.delo 9 no.2:25 F '63.

(MIRA 16:3)

(Fire extinction—Chemical systems)

VESELOV, V.V.; KUHAKIN, N.V.; ORECHKIN, D.B.; SHEPOT'KO, O.F.

Small laboratory spray dryer. Masl.-zhir.prom. 24 no.5:33(MIRA 12:1)

Grying apparatus)

· PORTER OF THE PROPERTY OF THE SHARE PROPERTY OF THE PROPERTY

WESELOV, V.V., ORECHKIN, D.B., POPOVA, N.V., SHEPOT'KO, O.F.

Hydrofining liquid paraffins in order to obtain alkylaryl mildonates and to prepare raw products for oxidation.

Trudy Vost.-Sib.fl.AN SSSR no.26:135-140'59. (MIRA 13:6)

(Paraffins) (Sulfonic acids)

ORECHKIN, D.B.; POPOVA, N.V.; FEDOROV, A.P.; SHEPOT'KO, O.F.; SHMUYLOVICH, M.M.

Oxidation of paraffins in pilot plant units. Khim.i tekh.topl.i (MIRA 13:7)

(Paraffins)

(Oxidation)

VESELOV, V.V.; ORECHXIN, D.B.; POPOVA, N.V.; SHEPOT'KO, O.F.

Preparation of liquid paraffins for oxidation, and simultaneous production of alkyl aryl sulfonates. Khim.i tekh.topl.i masel 5 no.8:11-15 Ag '60. (MIRA 13:8) (Paraffins) (Sulfonic acid)

\$/080/60/033/04/41/045

AUTHORS:

Veselov, V.V., Orechkon, D.B., Shepot'ko, O.F.

TIME:

The Hydrogenation of Methyl Ethers of C7-C9 Acids Over a Zinc-Chromium

Catalyst

PERIODICAL:

Zhurnal prikladnov khimii, 1960, Vol 33, Nr 4, pp 980 - 983

TEXT: In the production of higher fatty acids from paraffins C7-C9 acids are obtained which are not widely used. Hydrogenation of these acids produces the corresponding alcohols which are more valuable. For hydrogenation copper-chromium catalysts with additions of oxides of alkali earth metals are used. In the article a zinc-chromium catalyst is investigated which is considerably stabler than a copper-chromium catalyst. The optimum conditions for the hydrogenation of the methyl ethers of C7-C9 acids over a zinc chromium catalyst are a pressure of 300 atm, a temperature of 300°C, a volume flow rate of H relative to raw material of 0.4 - 1.2 and a hydrogen consumption of 1,900 l per l liter of raw material and hour. At 300°C the catalyst shows a good

Card 1/2

s/080/60/033/04/41/045

The Hydrogenation of Methyl Ethers of C7-C9 Acids Over a Zinc-Chromium Catalyst

selectivity. The catalyst operated for 655 hours without decrease of activity. Its use in the hydrogenation of methyl ethers of C7-C9 acids is recommended. There are: 2 tables and 11 references, 10 of which are Soviet and 1 English.

SURMITTED: August 17, 1959

Card 2/2

ORECHKIN, D.B., kand. tekhn. nauk; iCHOVA, N.V., inzh.; SHEPOT'KO, Q.F., inzh.; Prinimali uchastiye: MiKHAYLOVA, N.V., RYKOVA, I.S.

Effect of alkylolamide admixtures on the properties of alkyl aryl sulfonates. Masl.-zhir. prom. 28 no.10:27-28 0 '62.

(MIRA 16:12)

ORECHKIN, D.B. (Angarsk); POPOVA, N.V. (Angarsk); SHEPOT'KO, O.F. (Angarsk); Prinimali uchastiye: MUSHTA, O.V.; PASHNINA, Ye.T.

Chromatographic determination of the hydrocarbon content of alcohols produced by the hydrogenation of sperm whale oil. Izv. Sib. otd. AN SSSR no. 11:66-69 '62. (MIRA 17:9)

ORECHKIN, D.B.; POPOVA, N.V.; SOBOLEVA, Z.A.; SHEPOT'KO, O.F.

Hydrogenation of sperm whale oil over a fixed catalyst to produce higher alcohols. Zhur.prikl.khim. 35 no.ll:2504-2508 N '62. (MIRA 15:12) (Whale oil) (Hydrogenation) (Alcohols)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549110012-7"

TOVBIN, I.M., inzh.; PETROV, N.A., kand. tekhn. nauk; MAYOROV, D.M., kand. khim. nauk; STERLIN, B.Ya., kand. tekhn. nauk; NEVOLIN, F.V.; VARLAMOV, V.S., kand. tekhn. nauk; CHERKAYEV, V.G., kand. khim. nauk; BLIZNYAK, N.V., inzh.; ORECHKIN, D.B., kand. tekhn. nauk; RADCHENKO, Ye.D., inzh.; SHEPOT'KO, O.F., inzh.

Obtaining higher unsaturated alcohols by the method of selective hydrogenation of whale oil. Masl.-zhir. prom. 29 no.3:18-21 Mr '63. (MIRA 16:4)

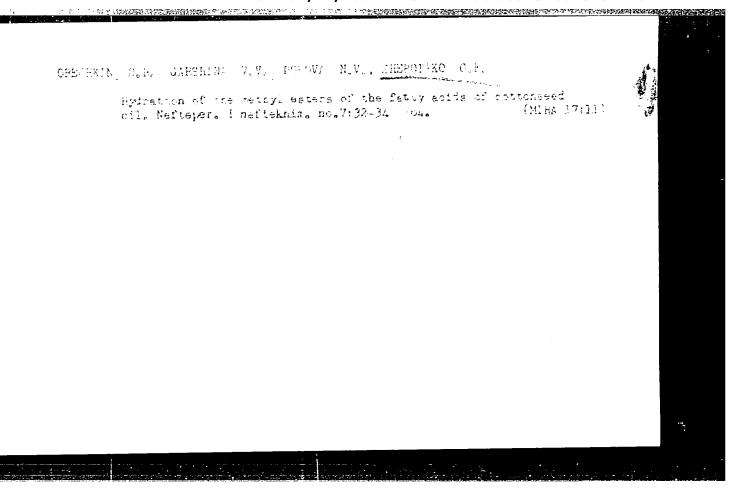
1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov (for Mayorov). 2. Vsesoyuznyy nauchnoissledovatel'skiy institut zhirov (for Sterlin, Nevolin,
Varlamov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut
sinteticheskikh i natural'nykh dushistykh veshchestv (for
Orechkin, Radchenko, Shepot'ko).

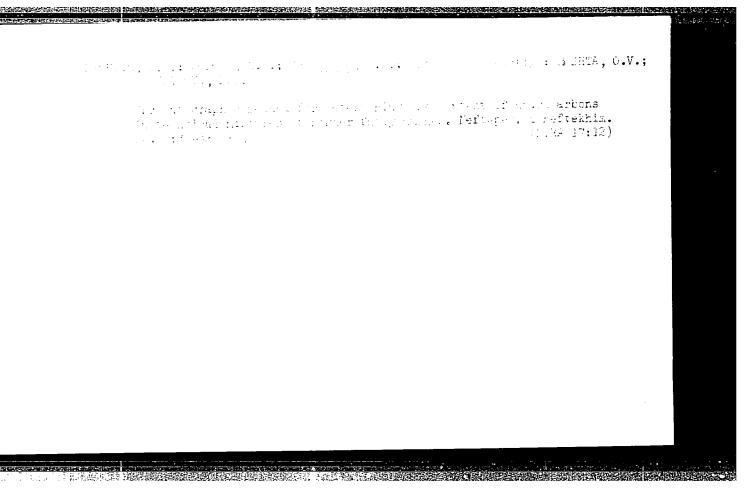
(Whale oil) (Alcohols)

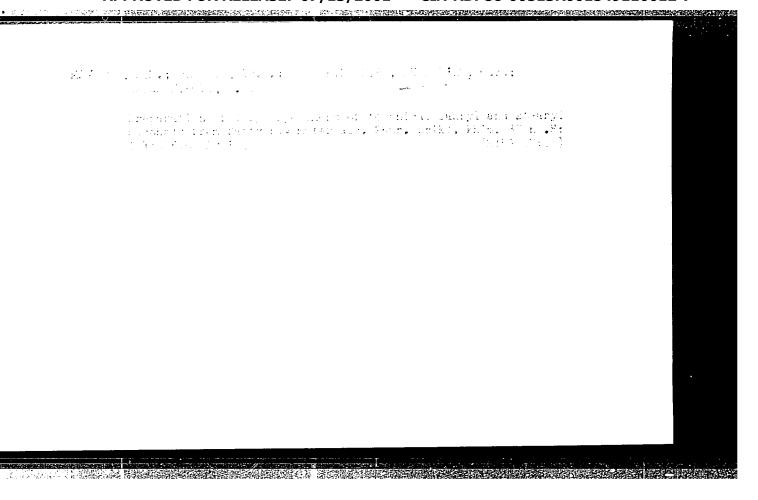
OBSCRICTION, P.D.; FOROVA, N.V.; RYROVA, I.C.; SHEFOT KO, O.F.;
Frinimala schastic MIKHAYLOVA, N.V.

Sulfonation of a hydrofined oil fraction in order to remove aromatic compounds. Nefteper. i neftekhim. no. 4:34-35 '64.

(MIRA 17:5)







KOSYAKE: A.R.; FLOROV, I.P.; SHEPOTKOV, I.V.

Increasing the energy content of bydronautor fuels. Knim. f. tekt. topl. i masel 7 no.10866-68 0% (MTRA 1787)

SHKPOVAL'NIKOV, N.P.

[Physiology of intestinal juice] Fiziologiia kishechnogo soka.

Moskva, Izd-vo Akademii meditsinskikh nauk SSSR, 1953, 138 p.

(Intestines) (Secretion)

(Intestines)

Case of enzootia of malignant catarrhal fever in cattle.

Veterinariia 36 no.9:37-38 S '59. (MTA 12:12)

1.Nachal'nik veterinarnogo otdela Ternopol'skogo oblsel'khozupravleniya (for Shepovalov). 2.Glavnyy veterinarnyy vrach Trembovlyanksogo rayona (for Sokal'skiy).

(Cattle--Diseases and pests)

SHEPOVALOV, Timofey Ivanovich

[Along rivers and lakes near Moscow] Po rekam i ozeram Podmoskovia; peshekhodnye turistskie marshruty. Moskva, Mosk.rabochii, 1960. 486 p. (MIRA 14:2) (Moscow Province--Description and travel)

BULYKH, Ye.B.; KOLOBOV, V.M.; SKOTNIKOV, Yu.A.; TIKHONOVICH, S.S.; SHAPOVALOV, T.I.; KONOVALOVA, K.A., redaktor; RODIONOV, Yu., redaktor; Linyr, A., tekhnicheskiy redaktor

[Memorable places in Moscow Province] Pamiatnye mesta Moskovskoi oblasti; kratkii putevoditel'. Izd. 2-e, dop. i perer. Sost. E.B. Burykh i dr. [Moskva] Moskovskii rabochii, 1956. 606 p. (MIRA 9:7)

1. Moscow. Oblastnoy krayevedcheskiy muzey. 2. Zamestitel' predsedatelya Moskovskogo oblastnogo obshchestva krayevedeniya (for Konovalova)

(Moscow Province--Historic houses, etc.)

BURYKH, Ye.B.; D'YAKOHOV, M.V.; KOLOBOVA, M.I. [deceased]; KOLOBOV, V.M.; KOHOVALOVA, K.A.; POPADEYKIN, V.I.; SKOTNIKOV, Yu.A.; TIKHONOVICH, S.S.; SHEPOVALOV, T.I. Prinimali uchastiye YUN'YEVA, N.P.; POLYAK, Ye.V. SULTANOVA, N., red.; YAKOVLEVA, Ye., tekhn.red.

[Memorable places in Moscow Province; a concise guidebook] Pamiatnye mesta Moskovskoi oblasti; kratkii putevoditel'. Izd.3., dop. i perer. Sost.E.B.Burykh i dr. Moskva, Mosk.rabochii, 1960. 734 p. (MIRA 14:2)

1. Moscow. Oblastnoy krayevedcheskiy muzey. 2. Zamestitel' predsedatelya Moskovskogo oblastnogo obshchestva krayevedeniya (for Kenovalova).

(Moscow Province -- Guidebooks)

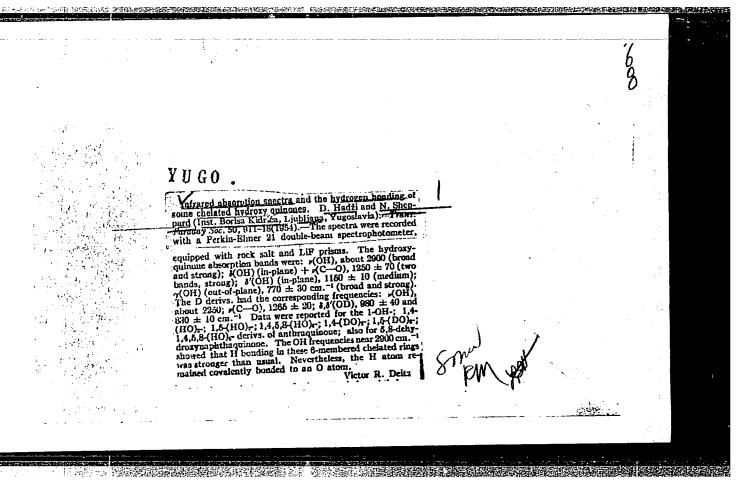
# SHEPOVALOV, V. Corn helped us to obtain a two-year supply of feed. Nauka i pered. op. v sel'khoz. 8 no.11:12-14 N '58. (MIRA 11:12) 1. Nachal'nik rayonnoy inspektsii po sel'skomu khozyaystvu, Glushkov-skiy rayon, Kurskoy oblasti. (Corn (Maize))

SHEPOVALOV, V.D.; PUZANKOV, A.G.

Optimization of the process of separating grain mixtures on sieves. Trakt. i sel'khozmash. no.3:17-20 Mr '65.

(MIRA 18:5)

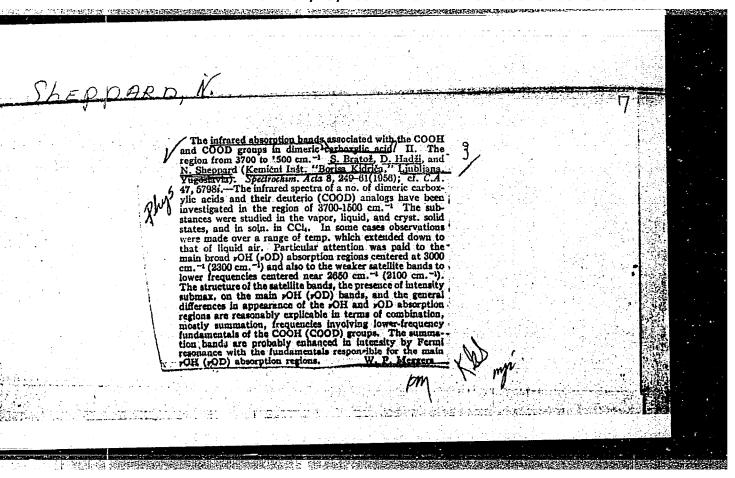
1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya (for Shepovalov). 2. MISP (for Puzankov).



SHEFFARD, N.

Study of molecular structure by infrared and Reman spectroscopy. p. 221 Vol. 20, no. 4, 1955

SCURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956



CONTROL OF THE PROPERTY OF THE

SHEPPEL', P.A., inzh.

Use of a mechanized hydraulic method in grading land in the leveed sections of the Volga-Akhtuba Flood Plain. Gidr. i mel. 12 no.8:22-26 Ag '60. (MIRA 13:8)

1. Stalingradskaya opytno-meliorativnaya stantsiya.
(Volga-Akhtuba Flood Plain--Earthwork)
(Hydraulic engineering)

SHRPS, N.; MASLYANKO, M.; SHAYNSHEYN, A.

The sheepskin is worth processing. Prom. koop. 12 no.1:28-29 Ja '58. (MIRA 11:1)

1. Starshiy inzhener Odesskogo oblpromsoveta (for Sheps). 2. Predsedatel' pravleniya arteli "Mekhimprom," Odessa (for Maslyanko).

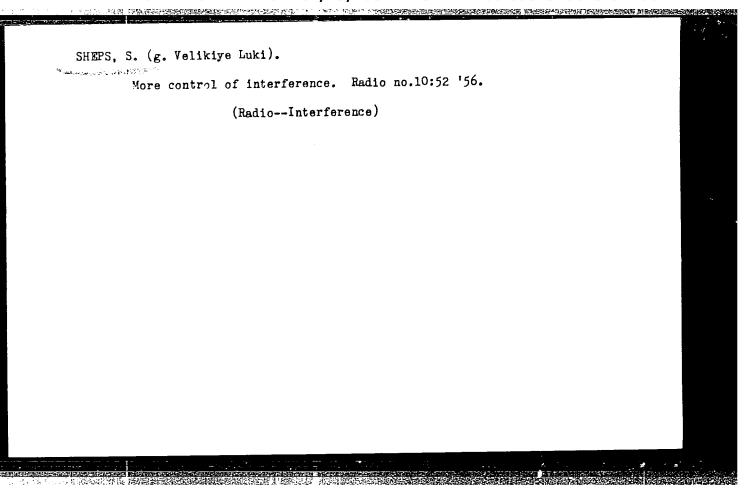
3. Tekhnoruk arteli "Mekhimprom," Odessa (for Shaynsheyn).

(Odessa--Hides and skins)

Charty, I.E., Faragev, A.F. and <u>Prens, N.F.</u> "Extended storage of fresh tomatoes," Dismir Mood. raiet (no on.-issled. in-t tomgevli i obshehestv. pitaniya), "coccw, 16WA, p. 137-43, - Cithing: Sitess

JC: 1-52 l, 17 Secender 1953, (Letopis 'shurral 'nykh Statey No. 26, 1949).

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PHASE X

TREASURE ISLAND BIHLIOGRAPHICAL REPORT

AID 765 - X

BOOK

Call No.: AF651040

Author: SHEPSENVOL, A. I.

Full Title: CUITING TOOLS IN THE MANUFACTURING OF INSTRUMENTS AND APPARATUS

Transliterated Title: Rezhushchiy instrument v priborostroyenii

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of the Defense Industry (Oborongiz)

Date: 1954 No. of pp.: 424

No. of copies:

Editorial Staff

Editor - Futoryan, S. B.

PURPOSE AND EVALUATION: Written as a text-book for students in technical colleges who specialize in the design of instruments and apparatus, this book may also serve as a manual for engineers, and designers of precision-type machinery. This book seems to present the required theoretical principles and mathematical justification for the design of specific cutting tools used in making certain smaller precision-type instruments and apparatuses. The comprehensive course presented on the subject may favorably be compared with such books as:

Design and Use of Cutting Tools, by Leo J. St. Clair (1952), Design of Metal-Cutting Tools, by Frederick L. Woodcock (1948), Cutting Tools for Metal Machining, by Max Kurrein (1947), and Cutting Tools for Engineers, by A. Sandy (1946).

1/5

Rezhushchiy instrument v priborostroyenii

AID 765 - X

### TEXT DATA

Coverage: This book contains minute descriptions of every detail of the cutting tools used in precision-type instruments and apparatuses. The materials and various alloys of which these tools are made and the proper selection of needed metals for specific tool are also indicated. Very many varieties of cutters, drills, countersinks, reamers, broaches, gear cutters, thread cutters and abrasive implements are presented and thoroughly illustrated. There are over 100 tables with many GOST standards and much valuable practical data on the performance of the original and newly designed cutters for speed processing. The KBEK cutter, the Biryukov, Dodzin, and the Punger cutter, the Savin and Breykin cutter, and the cutters designed by Kolesov, Il'yashev, Strizhak, and the TaniiTMASh (Central Scientific Research Institute of Machine Building Technology) also by Ignat'yev and Bortkevich are fully described. Table of Contents

Chapter I.

Fundamental conception and definitions in metal cutting. General principles; elements of the cutter; cutting angles, cutting speeds; cutting edges, etc. Determination and proper selection of the cutter with the characteristics needed for a specific job.

Materials used for cutting tools. Metal alloys; Chapter II.

mineral and ceramic materials, their proper se-

lection; GOST standards and tables. 2/5

55-80

5-54

| zhushchiy          | instrum | ent v priborostroyenii   | ID 765 - :<br>Pages    |
|--------------------|---------|--|------------------------|
| Chapter            | III.    | Cutters. Calculations and design of cutters used in lathes, turret lathes, automatic turret lathes; planning and grooving cutters. The KEEK cutters for speed-up grinding; the I. E. Savin and G. A. Breykin cutter; Kolesov cutter for fast-feed cutting; the Biryukov, Dodzin and Punger cutter; mathematical theories, formulae and graphic illustrations of various cutters and their parts; | J                      |
| Chapter            | IA      | the Il'yashev, Strizhak and TsNIITMASh cutters<br>for speed-up cutting of metals.<br><u>Drills</u> . Twist drills, their special character-<br>istics; drills for small-diameter holes; pointed  | 81-166                 |
|                    |         | drills; drills for deep drilling; gun and rifle drills; hard-alloy drills for double-sided drilling Many GOST standards and tables.  | 167 <b>–</b> 197       |
| Chapter            | V.      | Countersinks. Counterbores and combination counterbores; countersinks and end-cutting tools.   | '-<br>198 <b>-</b> 220 |
| Chapter<br>Chapter |         | Reamers. Cylindrical and taper reamers.  Broaches. Cylindrical, quadratic and hexahedral, for progressive broaching, of worm-type and gear-  | 221-237                |
|                    |         | wheel cutting; formulae for strength calculation.  | 238–273                |

| Rezhushchiy         | instrum |   | 765 - X<br>Pages |
|---------------------|---------|---|------------------|
| Chapter             | VIII.   | Milling Cutters. Plain mills, face milling cutters; end mills, staggered-tooth side mills, and others.  | 274-315          |
| Chapter             | IX.     | Gear Cutters. Method of cutting small gears; tracer-<br>control method; gear wheel cutting by the rolling   |                  |
|                     |         | method.   | 316-342          |
| Chapter             | X.      | Cutting Tools for Finishing Involute Profiles by Rolling. Single and multiple thread milling  |                  |
|                     |         | cutters; gear wheel cutters.  | 343-349          |
| Chapter             | XI.     | Thread-Generating Tools - Thread Cutters. The Biryukov cutter; chasers, tap borers, threading dies; thread-milling cutters; speed cutting implements; thread-rolling tools.   | 350-401          |
| Chapter             | XII.    | <u>Abrasive Implements</u> . Classification, structure, forms and sizes; abrasive materials used for lapping; selection of proper abrasive for specific purposes.   |                  |
| No of Ref           | arences | (pointing, honing, etc.)<br>: 36 Russian (1944-1953)  | 402-420          |
| Facilities (ENIMS), | Exper   | rimental Scientific Research Institute of Metal-Cutting on Scientific Research Institute (VNII), Moscow Institute (Ogy (MKhTI), All-Union Scientific Research Institute of Metal-Cutting (MKhTI), All-Union Scientific Research Institute of MKhTI) | ite of           |

Rezhushchiy instrument v priborostroyenii

AID 765 - X

Abrasives and Grinding (VNIIASh), Central Scientific Research Institute of Machine-Building Technology (TsNIITMASh), and scientists such as: Granovskiy, G. I., Sobolev, N. P., Stayev, K. P., and others.

5/5

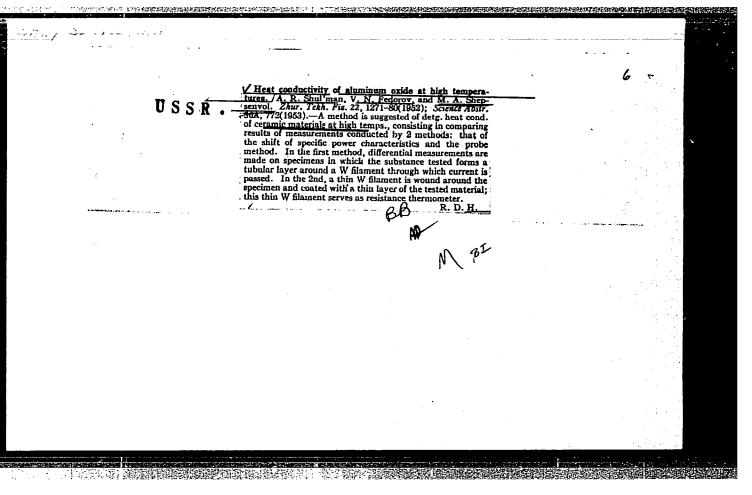
SHEPSENVOL, A.I., kand. tekhn. nauk, dots.

Effect of gear-wheel cutter design on the tooth shape of machined low-module gears. Stor. st. LITMO no.23:105-111 57. (MIRA 11:5) (Gear cutting)

THE THE PROPERTY OF THE PROPER

SHEPSENVOL, Aron Isaakovich; BUDINSKIY, A.A., inzh., retsenzent;
DARMANCHEV, S.K., kand. tekhn. nauk, red.; CHFAS, M.A.,
red. izd-va; SHCHETININA, L.V., tekhn. red.

[Auxiliary tools used in the manufacture of instruments]
Vspomogatel'nyi instrument v priborostroenii. Moskva,
Mashgiz, 1962. 179 p. (MIRA 15:9)
(Instrument manufacture) (Machine tools)



112-57-8-17300

- Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 8, pp 200-201 (USSR)
- AUTHOR: Shepsenvol, M. A., and Orekhov, M. A.
- TITLE: An Instrument for Measuring Static Transconductance of Receiving and Amplifying Tubes (Pribor dlya izmereniya staticheskoy krutizny priyemno-usilitel'nykh lamp)
- PERIODICAL: Obmen opytom, M-vo radiotekhn. prom-sti SSSR (Experience Exchange. Ministry of the Radio-Engineering Industry, USSR), 1955, Nr 8-9, pp 68-69
- ABSTRACT: Instruments used for measuring static transconductance of electron tubes have a number of disadvantages: sensitivity to power-supply noise, dependence of measurement on the wave-shape of the supply voltage, etc. A circuit diagram is presented of a device practically free from all these disadvantages. The circuit is based on the stabilization of voltage directly at the anode of the tube being tested, which insures strictly static measurement conditions. The grid driving voltage for the tube is derived from a stabilized 1,000-cps oscillator. The measuring section of

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112-57-8-17300

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

An Instrument for Measuring Static Transconductance...

the device comprises an amplifier, a detector, and paraphase linear amplifier. The device includes also a stabilized supply source for the anode circuit of the tube being tested.

E. A. G.

Card 2/2

9(3)

SOV/112-57-5-10994

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, pp 207-208 (USSR)

AUTHOR: Bliskunov, N. A., Shepsenvol, M. A.

TITLE: Methods and Results of Measuring Small Ionic Currents in Ready-Made Tubes (Metody i resul'taty izmereniya malykh ionnykh tokov v gotovykh lampakh)

PERIODICAL: Tr. n.-i. in-ta, M-vo radiotekhn. prom-sti SSSR, 1956, Nr 1 (29), pp 51-60

ABSTRACT: A common disadvantage of the existing methods of ionic-current measurements is that it is impossible to separate leakage currents from thermal emission of the grid. To evaluate quality and to control processing of oxide-coated-cathode tubes, a method is suggested for determining small ionic currents based on conversion of those currents into alternating current (Herold, W., R.C.A. Rev., 1949, Vol 9, Nr 8). This method permits

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SOV/112-57-5-10994

Methods and Results of Measuring Small Ionic Currents in Ready-Made Tubes

measuring currents  $4 \times 10^{-11}$  amp separately from leakage currents and from grid thermionic emission. A simplified measuring circuit is presented that consists of a stage with a multigrid tube being tested and of an amplifier stage with a peanut-size  $6 \, \text{Zh1P}$  tube. To secure ionic-current modulation, the tube is operated under special conditions in which an alternating (50 cps) voltage of  $1.5 \, \text{v}$  amplitude is applied to the control grid, a positive potential of  $120 \, \text{v}$  is applied to the screen grid, and a negative potential of  $20 \, \text{v}$  is applied to the anode and suppressor grids. Under such conditions, the electron stream is varied by the alternating voltage on the control grid, is accelerated under the influence of the screen-grid positive potential, partly passes through the turns of that grid, and enters the decelerating field between the second grid and the anode where electrons lose their velocities and return to the screen grid; they again pass through its turns and a part of them enters the decelerating field between the cathode and the second grid. As a result of these processes, an

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SOV/112-57-5-10994

Methods and Results of Measuring Small Ionic Currents in Ready-Made Tubes

ion current appears in the anode (ion collector) circuit; this current consists of DC and AC components. Alternating components of the electron and ion currents in the anode and second-grid circuits having the same frequency (50 cps) can be measured by a vacuum-tube voltmeter. Three lots of TV type 6P9 pentodes were tested to verify the outfit operation. It was found that pressure in the tube drops within the first 16-24 hours, after which an equilibrium is established between the processes of gas liberation and absorption, and the pressure remains practically constant. During this period, the vacuum factor K varies according to an exponential law and approaches a constant value, this value being different for different tube lots that may differ in their final residual pressure. The association has been found between the value of K and the variation of cathode emissivity during the cathode service. Thus, if the value of K changes within  $7 \times 10^{-6}$  to  $7 \times 10^{-7}$  within the first 24 hours, the tube service life is about 1,400 hours, and if K varies within  $(6-1) \times 10^{-7}$  and

Card 3/4

Shopsowel Mill

USSR/Electronics - Electronic and Ionic Emission

H-2

Abs Jour

: Referat Zhur - Fizika, No 5, 1957, 12276

Author

: Shepsenvol, M.A., Bliskunov, N.A.

Inst Title

: Measurement of the Resistance of the Intermediate Layer

of an Oxide Cathode.

Orig Pub

: Tr. N.-. in-ta, M-vo radiotekhn. prom-sti SSSR,1956, vyp.

2-3 (30-31), 65-70

Abstract

: Description of the method and report of results of measuring the resistance of the intermediate layer of an oxide cathode from the value of the transconductance of the cube at two frequencies (50 kc and 30 cycles). In addition, at frequencies of 50 kc, one cycle, and 30 cycles, a measurement is made of the capacitance of the intermediate layer. The setup is built in the form of a stand, its operation and the treatment of the measurement results are simple, and insure good reproducibility. The average error of the

Card 1/2

measurement does not exceed 5 -- 10%. The dependence of the resistance of the internediate layer on the cathode filament voltage, on the operating time, and on the per-

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Card 2/2

50V/57-28-7-19/35

Equitemperature Cathode With Direct Heating, and a Method of lis Calculation

of a cathode of constant cross section the emission current mainly originates from the central part of the cathode which leads to an overloading of the anode. In the case of a compound cathode of thorium-carbide-tungsten the investigation carried out by L. A. Radchenko, Engineer, showed an increase of the efficiency of the cathode by more than the 10-fold as compared to a homogeneous cathode of the same total length. The author discusses a method of calculation for short compound cathodes of the proposed construction. For this purpose a differential equation is written down and solved. The method is explained by examples. The formulae of calculation are compared to the existing experimental data. The curves given (Fig 3) make it possible in every concrete case to determine the measurements of the cathode and of the amount of the current passing through this cathode; viz. in such a way that the demanded mode of operation of the cathode is secured.

The cathode construction proposed can be used in a number of experiments where always the same temperature of the sample is required. The course of temperature of the investigated function in using a set of compound cathodes can be determined.

Card 2/3

307/57-28-7-19/35 Equitemperature Cathode With Direct Heating, and a Method of Its Calculation

The formulae and diagrams given may be used for the exact calculation of cathodes with direct channel and of a cross section that is constant with respect to its length. The calculated data agree with those from the experiments in a satisfactory way. There are 9 figures and 9 references, 4 of which are Soviet.

SUBMITTED:

July 12, 1957

1. Cathodes--Design

Card 3/3

9,3140 (a1501140,1141) 26,2322

S/057/61/031/003/004/019 B125/B202

AUTHOR:

Shepsenvol, M. A.

TITLE:

Methods of simulation in an electrolytic tank with automation of the process of calculating the distribution of

space charge

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, v. 31, no. 3, 1961, 286-296

TEXT: The present paper briefly deals with the apparatus which had been developed for simulating electron-optical systems as well as with some principles for the complete or partial automation of the calculation of space-charge distribution. The author also reports on practical methods of simulation. The following are the principal methods of simulation of continuous sources of the field in the electrolytic tank: method of profiled bottom of the tank and the method of current-carrying elements developed by V. S. Lukoshkov. In this simulation process the following steps are necessary: 1) Pictures are taken of the field of the system to be studied. 2) The families of the electron trajectories are constructed. 3) The density distribution of space charge and the currents simulating

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Methods of simulation in an...

S/057/61/031/003/004/019 B125/B202

this distribution in the tank are calculated by the corresponding approximation. 4) The currents calculated are introduced in the electrolyte and operations 1) to 3) are repeated to obtain a higher approximation of the problem to be studied. First, step 3) is studied generally. The current which simulates the space charge in each approximation is calculated by determining the distribution of the quantities on the surface of the field concerned from the expression  $\frac{L_1}{\Delta S_1} = \frac{\lambda h}{\epsilon_0} \frac{J_k}{\mu_1 v_1}$  (3). Here  $j_k$ 

denotes the density of the electron current from that region of the cathode at which the electron orbits begin which lead to the i-th element.  $\mu_i$  is the "expansion coefficient" of the current tubes in the i-th element. Electronic digital computers are little suited for this purpose. The most natural and simple methods connect the processes for determining the initial data and the informations with the automatic tracing of the electron trajectories. Two main types of electronic trajectographs are known: 1) those reproducing the "dynamical model of the electron". 2) Those operating according to the principle of the radii of curvature. The calculation of the currents introduced into certain elements of the volume of the electrolyte is reduced to the calculation of the number of

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Methods of simulation in an...

S/057/61/031/003/004/019 B125/B202

points on the corresponding elements of area of the picture. The density of the electron current is measured best by the (3/2) law. In the first variant of the practical application of this method the current density is measured from the distance between the cathode and the line of the fixed potential. In the second variant the distance from the cathode on which the potential is measured is fixed. This first method is more frequently used in simulation, it is, however, less suited for automation processes. Therefore, the authors chose the second method where the fuctions of the computer are reduced to the production of pulses with a frequency proportional to the product  $f = A_5 U_k^{3/2} U_{h}$  (8) where the voltage  $U_{h}$  is proportional to the product of electrical conductivity and depth of the electrolyte. In the method of the radii of curvature an additional parameter is necessary. The methods discussed supply illustrative and convenient pictures of the density distribution of space charge and permit the automation of the regulation of current densities. Fig. 1 shows the block diagram of the device for studying electrovacuum devices with electro-

static control. After execution of the operation corresponding to Eq. (8) the resulting signal is transmitted to a storage cell where it is stored

对,我们是这种的大型,我们就是一个人的,我们是一个人的,我们是一个人的,我们是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的, 第一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们

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20920 \$/057/61/031/003/004/019 B125/B202

等于1988年,1987年,1987年,1988年,1988年至1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,1988年,

Methods of simulation in an...

for the whole period that is necessary for the tracing of the electron trajectory. It then controls the operation of the pulse generator. This computer permits the measurement of the electron current density. It is also equipped with a system for absolute calibration. The device determines the electron trajectories with an error to within 2 to 3 %.

1.5 to 1.2 sec are necessary for determining one trajectory. The apparatus operates with optical and acoustic signals. The simulation method discussed here is suited for studies of electron-optical systems of amplifier and generator tubes. There are 5 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

SUBMITTED: June 6, 1960

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3(4)

PHASE I BOOK EXPLOITATION

SOV/2879

- Vendrov, Semen Leonidovich, Aleksandr Afanas yevich Groshev, Nikolay Mikhaylovich Isakov, Leonid Aleksandrovich Sergeyev, Iosif Mikhaylovich Shepshelevich, and Viktor Aleksandrovich Velichko
- Sovremennaya tekhnika gidrograficheskikh izyskaniy (Modern Techniques in Hydrographic Surveying) Leningrad, Izd-vo "Rechnoy transport," Leningr. otd-niye, 1957. 170 p. 1,500 copies printed.
- Ed. (Title page): Ye. V. Bliznyak, Doctor of Technical Sciences, Professor; Reviewer: A. I. Gruzinov; Ed. (Inside book): D. M. Kudritskiy; Tech. Ed.: K.M. Volchok.
- PURPOSE: This book is intended for engineering and technical personnel engaged in hydrographic survey work. It may also serve as a textbook for students of hydrographic surveying.
- COVERAGE: This book covers the basic principles and techniques of surveying inland waterways. It describes the role played by ultrasonics, radio, lighting

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| engineering, and aerial photography in hydrographic surveying. sounding devices and range finders are described. No personalit mentioned. There are 13 Soviet references. |               |
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| Echo  |               |
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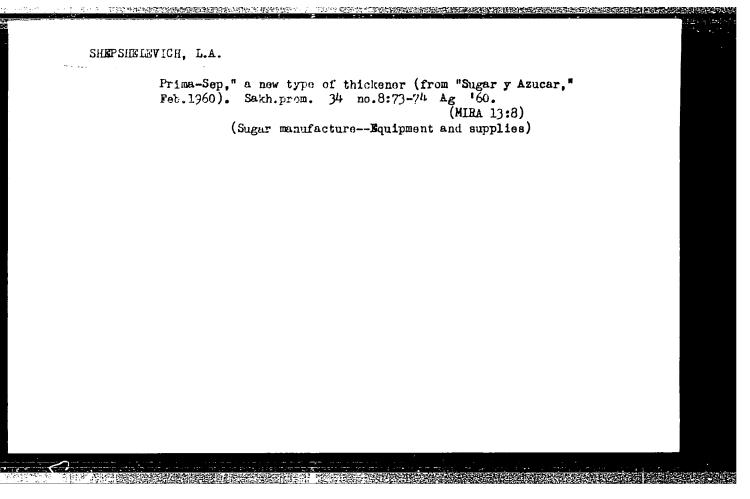
SHEPSHELEVICH, L. fl

Improved method of diffusion at low temperature (from "Sugar,"

May and September, 1938). Sakh.prom. no.4:74-75 Ap '60.

(MIRA 13:8)

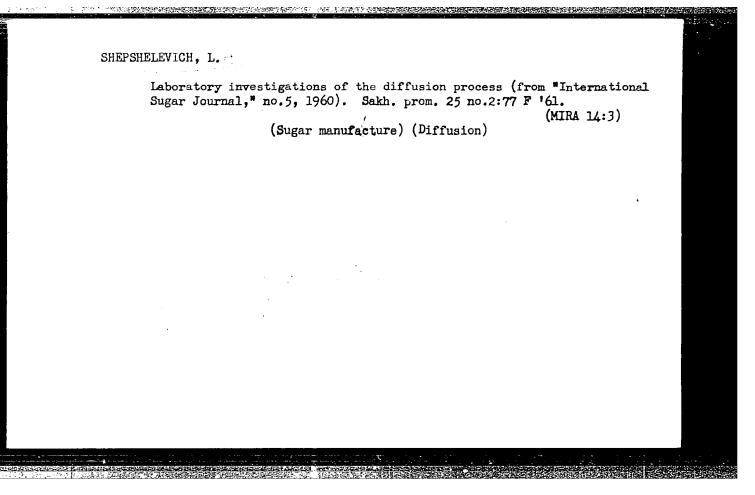
(Delft, Netherlands—Sugar manufacture)

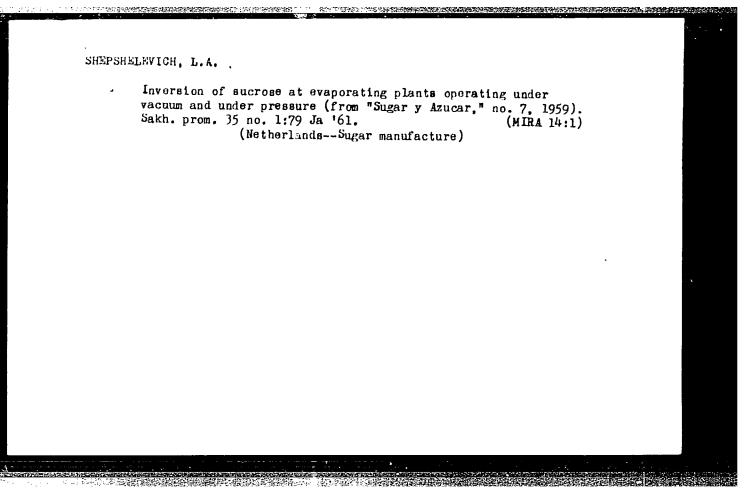


SHEPSHELEVICH, L.A.

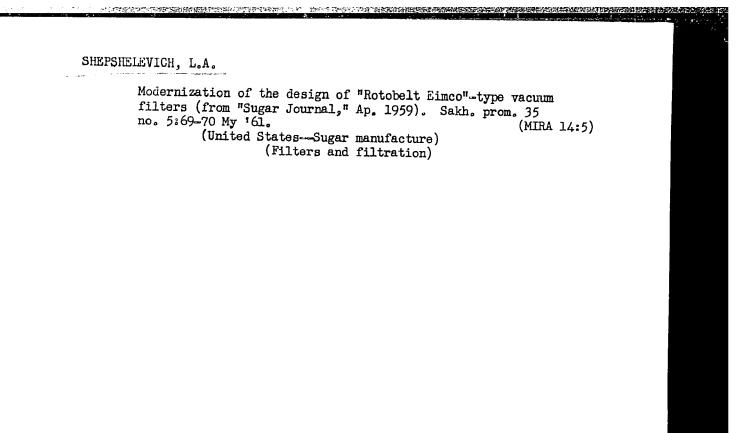
Sugar industry in Japan (from "Sugar," no.4, 1959). Sakh.prom. 34 no.10:72-73 0 '60. (MIRA 13:10)

(Japan-Sugar industry)





Instrument for a laboratory investigation of the diffusion process (from "International Sugar Journal," pc.4, 1960). Sakh. prom. 35 no.2:75-76 F'61. (MIRA 14:3) (Sugar manufacture) (Diffusion)



Belt conveyor for the removal of filtration precipitate (from "Sugar y Azucar," Sept. 1960). Sakh. prom. 35 no. 5:71 My '61.

(MIRA 14:5) (France—Sugar industry—Equipment and supplies)

Effect of formalin addition on the juice quality (from "Int. Sugar Journal," March 1961). Sakh.prom. 35[1.e. 36] no.2:66
F 162. (Sugar manufacture)

SHEPEHELEVICE, L. D.

USSR/Medicine - Blood Transfusion

Feb 52

"Transfusion of Plasma and Blood Serum in Hemolytic Anemias," A. P. Belousov, L. L. Shepshelevich, Hematol Clinic, Cen Order of Lenin Inst of Hematol and Blood Transfusion

"Sov Med" Vol XVI, No 2, 15-18

Transfusion of plasma has a stabilizing effect on the blood pigment metabolism. This effect varies with the disturbances of pigment metabolism produced by different types of the disease. Administration of plasma or serum counteracts the effect of autohemolysins.

204**T**39

USSR/Human and Animal Physiology - Blood Hematogenesis.

T-4

Abs Jour

: Ref Zhur - Biol., No 10, 1958, 45881 Author

: Bagdasarov, A.A., Raushenbakh, M.O., Rogacheva, L.S., Shepshelevich, L.L., Shamshina, Ye.V. Inst

Title : The Significance of the Functional State of Bone Marrow Hemotogeneses during the Development of Acute Radiation

Orig Pub : Probl. genatol. 1 perelivaniya krovi, 1956, 1, No 6,

Abstract : Thirteen dogs were irradiated with 600 r dosages. Prior to such irradiations, six of them were subjected to 3

bloodlettings (B; 15-20 ml/kg) with 5-day intervals. Four to five days after the 3rd B, an acute irritation of the red outgrowth of the bone marrow (BM) was observ ved. Irradiations were then performed on that particular area. In 5 of the survived dogs the course of co.

Card 1/3

USSR/Human and Animal Physiology - Body Temperature Regulation.

T-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45838

\*

Out of 20 tests in which constriction at a temperature of 20-22° C lasted for 10 minutes, in 6 cases restoration of life functions took place. Most of the animals were able to walk and to react to sound and light stimuli 1-15 hours after they were released from the operating table. Four to seven hours after restoration has occurred, however, the animals' condition became poor, and they died within 1.0-18 hours. One to three minutes after vein constriction, heart contraction frequency was greatly reduced (by 30 percent). After 5 to 6 minutes, contraction frequency increased, almost reaching its initial level. Thereafter, beginning with the 7th-8th minute, contraction frequency diminished again. When a 7-minute long vein constriction was indiced at a temperature of 250 C, 15 of the cases presented restored life functions. Fout cats died during the period of being warmed up. When supercooling reached a 250 C level, blood pressure amounted to 50 percent,

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- 12 -

USSR/Human and Animal Physiology - Blood Hematogenesis.

 $T^{-\frac{1}{4}}$ 

# Abs. Jour : Ref Zhur - Biol., No 10, 1958, 45881 APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549110012-7

A part of cellular BM elements retains their normal functions and regenerative abilities in such cases where radiation sickness occurs at a greatly increased CH. This fact was confirmed by dynamic studies of BM specimens obtained by puncture. Thus, it may be disclaimed with a great deal of probability that hypoxia plays a leading role. It is, however, quite possible that as a result of temporary hypoxia the genesis of hemopoietic substances which stimulate BM activities becomes intensified. — A.D. Beloborodova

USSR / Human and Animal Physiology. The Effect of Physical Factors. Ionizing Irradiations.

T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102368.

: Belousov, A. P.; Shitikova, M. G.; Shepshelevich, L.L. Author Inst

: Not given.

Title : Synthesis and Disintegration of Blood Hemoglobin in

Acute Radiation Syndrome.

Orig Pub: Tr. Vses. konferentsii po med. radiol. Eksperim.

med. radiol. M., Medgiz, 1957, 123-127.

Abstract: The process of Hb disintegration was investigated in dogs with chole-ureteral anastomosis and fistula of the gall bladder at various times after general irradiation of 200-400 r. As an index, the level of bilirubin excretion and the content of Fe in the serum were taken with simultaneous calculation

of the Hb amount and amount of erythrocytes in the

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UGSR / Human and Animal Physiology. The Effect of Physical Factors. Ionizing Irradiations.

 $\mathbf{T}$ 

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102368.

Abstract: blood. The first phase of intensified disintegration (from the 2nd to 14-23 day after irradiation) was referred to disintegration of erythrocytes in circulating blood, and the second (from the 24th-31 day) to Hb decomposition in the foci of hemorrhages. On dogs and rabbits which were irradiated with 200-600 r, the dynamics of Hb synthesis was studied according to the degree of assimilation by the animals of Fe59 which was introduced at various times after irradiation. In the first days, the assimilation of Fe59 was considerably lower than the control amounts and the picture of bone marrow testified the inhibition of erythropolesis, which is expressed more strongly after high doses. 24-30 days after irradiation with sub-

Card 2/3

SHEPSHELEVICH, L.L. (Moskva)

Iron netabolism in radiation sickness. Pat.fiziol. 1 eksper. terap. 2 no.1:27-33 Ja\_F' '58.

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniva krovi Ministerstva zdravookhraneniya SSSR (dir. - deystvitel'nyy chlen AMM SSSR prof.A.A.Baghasarov).

(ROSMTGEN HAYS, effects, on erythropoiesis in dogs (Rus))

(ERTHROTTES, erythropoiesis, eff. of x-rays in dogs (Rus))

(EXTHROPOIESIS, effect of radiations, erythropoiesis, eff. of x-rays in dogs (Rus))

CHERTKOV, I.L.; ROGACHEVA, L.S.; SHEPSHELEVICH, L.L.

The effect of blood loss on properdin content in dogs. Probl. gemat.
i perel. krovi 3 no.5:14-16 S-0 '58. (MIRA 11:11)

1. Iz TSentral'nogo ordena Lenina instituta gemtaologii i perelivaniya krovi (dir. - deystvitel'nyy chlen ANN SSSR prof. A.A. Begdasarov)
Ministerstva zdravookhraneniya SSSR.

(HEMORRHAGE, experimental
eff. on properdin titer in dogs, comparison of single
& repeated hemorrh. (Rus))

(PROPERDIN, physiology
titer in dogs after single & repeated hemorrh. (Rus))

CONTROL OF THE PROPERTY OF THE

SLEPSHELEVICH, L.L.

Study of iron metabolsim in irradiated dogs with increased erythropoietic function. Probl. gemat. i perel. krovi 4 no. 10:9-14 0 '59. (MIRA 13:8)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov) Ministerstva zdravookhraneniya SSSR.

(RADIATION-PHYSIOLOGICAL EFFECT) (IRON IN THE BODY)
(ERYTHROCYTES) (MARROW)

SHEPSHELEVICH, L.L.

Effect of hemorrhage on erythropoiesis in radiation sickness, Med.rad.
h no.11:77-82 N '59. (MIRA 13:2)
(HEMORRHAGE effects)
(RETHROCTTES radiation effects)
(RADIATION INJURY effects)

SHEPSHELEVICH, L.L.; ROGACHEVA, L.S.

Erythropoietic properties of plasma in anemized animals. Brobl.

gemat. i perel. krovi 5 no.2:13-18 F '60. (MIRA 14:5)

1. Iz radiopiologicheskoy laboratorii (zav. - prof. M.O.Raushenbakh)
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (dir. - deystyitel'nyy chlen AMN SSSR prof. A.A.Bagdasarov)

Ministerstva zdravookhraneniya SSSR.

(ANEMIA) (ERYTHROCYTES)

ROGACHEVA, L.S.; SHEPSHELEVICH, L.L.

Stimulation of hemopoiesis in acute radiation sickness by intravenous administrations of bone marrow. Med.rad. no.10:52-55 '61. (MIRA 14:10)

1. Iz radiobiologicheskoy laboratorii TSentral¹nogo ordena Lenina instituta gematologii i perelivaniya krovi.

(MARROW—TRANSPLANTATION) (RADIATION SICKNESS)

(HEMOPOIETIC SYSTEM)

SHEPSHELEVICH, L.L.; ROGACHEVA, L.S.

Effect of the "anemic plasma" factor on the erythropoiesis in irrediated dogs. Med. rad. 6 no.2179-81 '61. (MIRA 14:3)

(ANEMIA) (RADIATION INJURY—PHYSIOLOGICAL EFFECT)

(ERYTHROCYTES) (HEMOPOIESIS)

43480

S/205/62/002/006/007/021 E027/E410

AUTHORS:

Shepshelevich, L.L., Rogacheva, L.S.

TITLE:

The distribution of radioactive vitamin  $B_{12}$  in the plasma and organs of rats in acute radiation sickness

PERIODICAL: Radiobiologiya, v.2, no.6, 1962, 843-846

TEXT: The authors have investigated the distribution of vitamin  $\rm B_{12}$  labelled with  $\rm Co^{60}$  in the tissues of rats suffering from radiation sickness. Twelve rats were irradiated by X-rays with 500 r, nine with 700 r and 32 were observed as controls. The labelled vitamin was injected intramuscularly 24 hours after irradiation in a dose of 0.5 to 0.6 microcuries per animal (13 to The animals given 500r were killed after 2,4,8 and 14 days and those given 700 r after 2, 6 and 10 days; on each occasion control animals were also killed. It was found that the labelled vitamin is initially concentrated in the kidneys, and to a much lesser extent in the heart and spleen, and that it subsequently accumulates in the liver. Similar results were found in the control animals, from which it appears that radiation sickness does not affect the intermediary metabolism of vitamin B<sub>12</sub>. There is 1 table. Card 1/2

\$/205/62/002/006/007/021

The distribution of radioactive ...

E027/E410

ASSOCIATION: Tsentral'nyy institut gematologii i perelivaniya krovi, Moskva (Central Institute of Hematology and

Blood Transfusion, Moscow)

SUBMITTED: March 2, 1962

Card 2/2

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LAYTA, L.G. [Laitha, L.G.]; SHEPSHELEVICH, L.L. [translator];
SHITIKOVA, M.G. [translator]; KCZINTS, G.I. [translator];
RAUSHENBAKH, M.O., prof., red.; CMEL YANENKO, L.M.,
red.; BUKCVSKAYA, N.A., tekhn. red.

[Use of isotopes in hematology] Primenenie izotopov v ge-
matologii. Moskva, Medgiz, 1963. 101 p. Translated from the
English.

(HEMATOLOGY) (RADIOACTIVE TRACERS)
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L 15287-65 EWG(j)/EWT(m) Pb-4 SSD/AFWL/AMD ACCESSION NR: AR4045857 S/0299/64/000/014/M021/M021

SOURCE: Ref. zh. Biologiya. Svodnywy tom, Abs. 14M139

AUTHOR: Chertkov, I. L.; Sukyasyan, G. V.; Novikova, M. N.; Rogacheva, L. S.; Shepshelevich, L. L.; Maksimenko, A. S.; Raushenbakh, M. O.

TITLE: New data on the morphological basis of secondary sickness with bone marrow transplantation in irradiated dogs

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresadke tkaney i organov, 1963. Yerevan, 1963, 243-244

TOPIC TAGS: secondary sickness, bone marrow, transplantation, dog, irradiation, irradiation lethal dose, radiation sickness

TRANSLATION: The experiment was staged on 23 dogs irradiated with a lethal dose (1,000 r). Bone marrow was introduced intravenously in a dose of 5 X 5 X 109 - 15 • 109 nuclear cells. Donor erythrocytes were determined by differential agglutination using dogs A- as donors and dogs A+ as recipients. Leukocytes were determined by sex

Card 1/2