

GARKAVI, O.Ya. [Harkavi, O.IA.]; ROZOVSKIY, I.L. [Rozova's'kyi, I.L.]

Use of an electronic computer in solving the problem of the damping of the transverse velocity components on a rectilinear section behind the stream. Dop. AN URSR no.3:361-365 '62.

(MIRA 15:5)

1. Institut gidrologii i gidrotekhniki AN USSR. Predstavлено  
академиком AN USSR G.I.Sukhomelom [Sukhomel, H.Y.].  
(Hydraulics) (Electronic digital computers)

GARKAVI, O.Ya. (Kiyev)

Stability of a slope under the action of a percolation flow  
at limiting equilibrium. Inah.zhur.2 no.1:204-206 '62. (MIRA 15:3)  
(Soil mechanics)

GARKAVI, O.Ya. [Harkavi, O.IA.]

- Stability of banks composed of loesslike soils which settle only slightly. Visti Inst.hidrol. i hidr. AN URSR 21:122-127 '62.  
(MIRA 16:4)  
(Soil mechanics)

GORBUNOV-POSADOV, M.I., doktor tekhn. nauk, prof.; FEDOROV, I.V., kand. tekhn. nauk; MALYSHEV, M.V., kand. tekhn. nauk; KOCHETKOV, A.M., kand. fiziko-matem. nauk; SEREБRYANTY, R.V., kand. tekhn. nauk; GARKAVI, O.YA., kand. tekhn. nauk

"Method of limiting equilibrium in the design of slopes of earth structures for strength (precise solution)" by V.N. Maslov. Reviewed by M.I. Gorbunov-Posadov and others. Gidr. stroi. 32 no.3:46-47 Mr '62. (MIRA 16:7)

1. Institut osnovaniy Akademii stroitel'stva i arkhitektury; deystvitel'nyy chlen Akademii stroytel'stva i arkhitektury SSSR (for Gorbunov-Posadov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut vodosnabzheniya, Kanalizatsii, gidrotekhnicheskikh socruzheniy i inzhenernoy gidrogeologii (for Fedorov, Malyshev). 3. Institut mekhaniki AN SSSR (for Kochetkov). 4. Institut osnovaniy Akademii stroitel'stva i arkhitektury (for Serebryanyy).

(Soil mechanics)  
(Maslov, V.N.)

GARKAVI, P.G.

The splitting of carnosine by the peptization of the organs and the  
tissue of the animal organism. P.G. GARKAVI.( LAB. BIOCHEM. 3rd MOSCOW INST.)  
vol3, no. 1, 1937. p. 133.

GENERAL, P.G.

Cleavage of carnosine by peptidases of animal organs and tissues. P. G. Garkavi. Biokhimiya 3, 133-41 (1938). The hydrolytic-decompn. of added carnosine was measured by the increase of amino N, NH<sub>2</sub> and free histidine. Chopped rabbit and rat liver, and their glycerol exts., can split carnosine, this being due to the action of liver peptidase. Carnosine is also hydrolyzed by glycerol exts. of dog spleen and blood erythrocytes, but only very slightly by brain tissue. Rabbit and rat spleen in some cases split carnosine, and in others, not. H. C.

BIOCHEMICAL LABORATORY, THIRD MOSCOW INSTITUTE

SEARCHED  
CA

EXCESSIONS AND REFERENCES MADE

11A

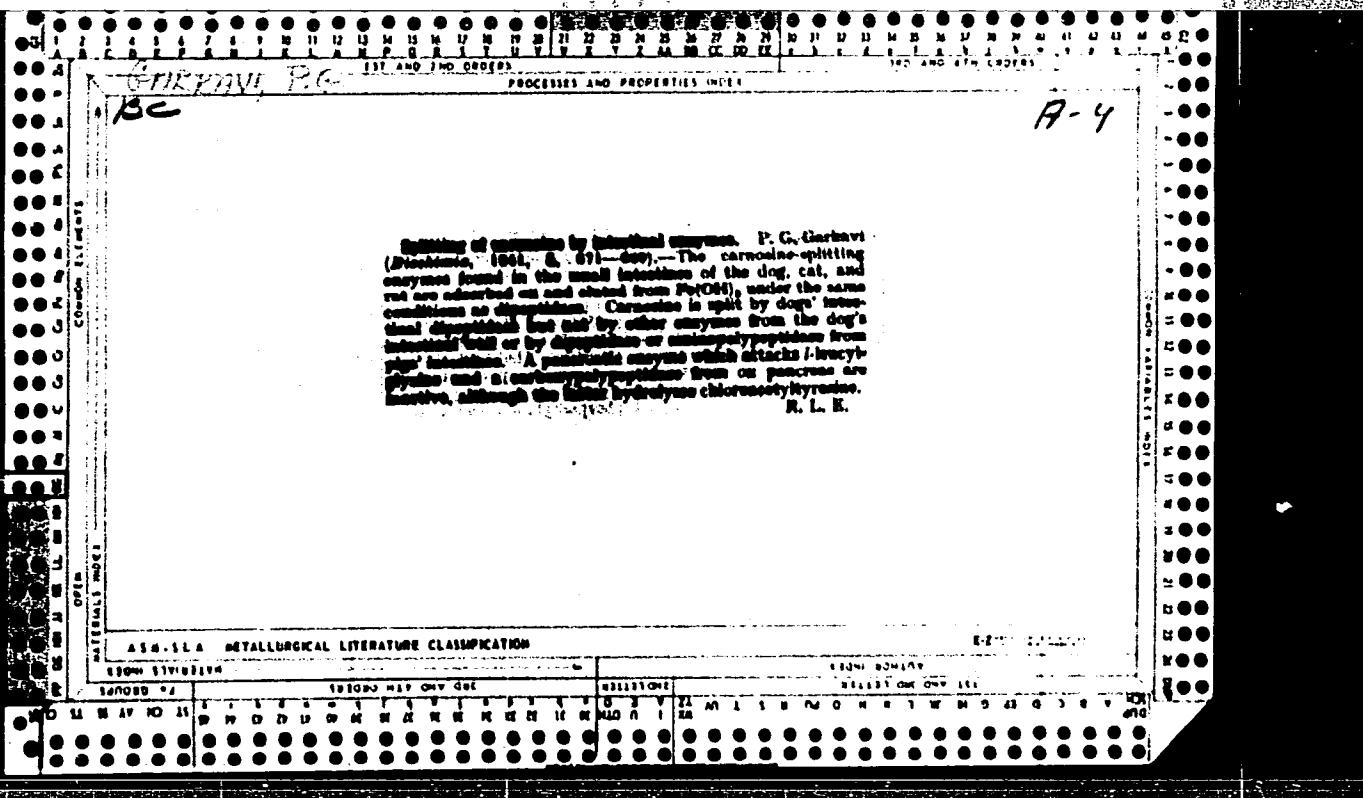
Splitting of carnosine by intestinal enzymes. L. G. Iakubov. *Biokhimija* 5, 671-80 (1940). The carnosine-splitting enzymes found in the small intestines of the dog.

cat and rat are adsorbed on and eluted from Fe(OH)<sub>3</sub> under the same conditions as dipeptidase. Carnosine is split by dog intestinal dipeptidase but not by other enzymes from the dog intestinal wall or by dipeptidase or aminopolypeptidase from pig intestines. A pancreatic enzyme which attacks *L*-leucylglycine and a carboxylic-peptidase from ox pancreas are inactive, although the latter hydrolyzes chloroacetyltyrosine. H. C. P. A.

CHAIR OF BIOLOGICAL CHEMISTRY, THIRD MEDICAL INSTITUTE, MOSCOW

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

621.32-200



GARKAVI, P. G.

Chemical Abst.  
Vol. 48 No. 3  
Feb. 10, 1954  
Biological Chemistry

(2)  
The part played by carnitine in some biological processes  
and its content in the muscles of animals. I.P. G. Garkavi  
Acad. Med. Sci. U.S.S.R., Moscow). *Bioхимия* 18,  
302-1(1953).—No methylation of carnosine or of pimosa-  
mine could be observed in liver sections of the white rat in  
the presence of carnitine. Carnitine plays no part in the  
process of binding mineral P in ground pigeon breast muscle  
and exerts no influence on the process of respiration. Quant.  
levels of carnitine exist in the muscle tissues of mammals,  
birds, amphibians, and fishes. B. S. Levine

GARKAVI, P. G.  
USSR/Biochemistry

Card 1/1

Authors : Sisakyan, N. M; Bezinger, E. N; Garkavi, P. G., and Kivman, O. Ya.

Title : Simple method determining amino-acids through chromatographic analysis on paper.

Periodical : Dokl. AN SSSR, 96, Ed. 2, 343 - 346, May 1954

Abstract : Determination of amino-acids is carried out by a two-dimensional chromatographic method. The initial process of separation is accomplished with the aid of methyl alcohol - water - pyridine (40 : 10 : 2) and the second and final process with n-butyl alcohol - methylethylketone - water - diethylamine (20 : 20 : 10 : 2). The solvents require no preliminary purification. The appearance of amino-acid on the paper is attained by treating the latter in a 0.4-% ninhydrin solution in methyl alcohol, in acetone or n-butyl alcohol. One reference. Table, photos.

Institution : Acad. of Scs. USSR, The A. N. Bakh Inst. of Biochemistry and the State Control Inst. of Serums and Vaccines at the Ministry of Health USSR.

Submitted : March 13, 1954

ROMANOV, G.V.; GARKAVI, P.G.

Quantitative determination of free amino acid nitrogen by the ninhydrin method of isothermic separation of CO<sub>2</sub> [with summary in English] Vop.med.khim. 2 no.5:390-392 S-0 '56. (MLRA 9:12)

1. Gosudarstvennyy kontrol'nyy institut svorotok i vaktein imeni L.A.Tarasevicha, Moskva.

(MITROGEN, determination,  
in free amino acids, ninhydrin method of isothermic  
separation of CO<sub>2</sub> (Rus))

GARKAVI, P.G.

Metabolic disorders in poisoning by tetrachloropropene,  
tetrachloropentane, tetrachloroheptane and chloroenanthic  
acid. Gig. i san. 24 no.7:26-31 J1 '59. (MIRA 12:9)

1. Iz laboratorii promyshlennoy toksikologii Instituta gigiyeny  
truda i professional'nykh zaholevanii AMN SSSR.  
(HYDROCARBONS, pois.

chlorinated hydrocarbons causing metab. disord.  
in exper. animals.(Rus))

(FATTY ACIDS, pois.

7-chloroheptanoic acid pois. causing metab.  
disord. in exper. animals (Rus))

(METABOLIC DISEASES, etiol. & pathogen.

pois. by 7-chloroheptanoic acid & chlorinated  
hydrocarbons in exper. animals (Rus))

(CHLORINE, pois.

chlorinated hydrocarbons & 7-chloroheptanoic  
acid causing metab. disord. in exper. animals  
(Rus))

ULANOVA, I.P.; GARAKAVI, P.G.

Toxicological and biochemical studies of chlorinated hydrocarbons (tetrachloropropane, tetrachloropentane and tetrachloroheptane). Toks. nov. prom. khim. veshch. no.1:11-29'61.  
(NIRA 16:8)

(CHLORINE ORGANIC COMPOUNDS --TOXICOLOGY)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

ULANOVA, I.P.; GARKAVI, P.G.; SAMOYLOVA, L.M.

Toxicological characteristics of chloroenanthic acid. Toks.  
nov. prom. khim. veshch. no.1:29-35'61 (MIRA 16:8)  
(HEPTANOIC ACID—TOXICOLOGY)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKAVI, P.G.

Disturbance of the acetylation capacity in rats following intoxications caused by carbon tetrachloride, tetrachloropropene, tetrachloropentane and tetrachloroheptane. Farm. i toks. 24 no.5:599-604  
S-O '61. (MIRA 14:10)

1. Laboratoriya promyshlennoy toksikologii Instituta gigiyeny truda i professional'nykh zabolеваний AMN SSSR.  
(CARBON TETRACHLORIDE—PHYSIOLOGICAL EFFECT)  
(HYDROCARBONS—PHYSIOLOGICAL EFFECT)  
(ACETYLATION)

GARKAVI, P.G.

Inclusion of cysteine S<sup>35</sup> into liver and blood serum proteins in toxic hepatitis produced by the action of some chemical substances used in industry. Biul. eksp. biol. i med. 3[i.e.53] no.3:50-52 Mr '62.

(MIA 15:4)

1. Iz laboratorii promyshlennoy toksikologii (zav. - prof. A.A. Kanarevskaya) Instituta gigiyeny truda i professional'nykh zabolеваний (dir. - deystvitel'nyy chlen AMN SSSR A.A.Letavet) AMN SSSR, Moskva. Predstavlenia deystvitel'nym chlenom AMN SSSR A.A.Letavetom.

(LIVER--DISEASES) (BLOOD PROTEINS)  
(CYSTEINE) (INDUSTRIAL TOXICOLOGY)

GARKAVI, P.G.

Disorder of tissue protein biosynthesis in toxic hepatitis induced by the action of some chlorinated hydrocarbons. Vop.med.khim. 9 no.4:365-370 Jl - Ag'63 (MIRA 17:4)

1. Laboratoriya promyshlennoy toksikologii Instituta gigienny truda i professional'nykh zabolеваний AMN SSSR, Moskva.

GARKAVI, P.G.; ULIANOVA, I.P.

Inclusion of tagged amino acids in tissue proteins under the  
acute and chronic action of tetrachloroalcanes. Toks. nov. prom.  
khim. veshch. no.5:100-107 '63. (MIRA 17:9)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKAVI, R. A.

c/1963

1964

Eyes(CATARACT) (Optic Nerve)

Deceased

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKAVI, S. M.

33720 Remont Oborudovaniya Na Lesuzagotovkakh. (Rekomend. Bibliogr. Ukazatel'. Po Materialam Tsentr. Nauch.--Tekhn B-Ki M-Va Lesnoy I Bumazhnoy Prom-sti sssr). Les. Prom-st', 1949, No. 10, C. 22-23

SC: Letopis'nykh Statey, Vol. 45, Moskva, 1949

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GIRKAVI, S. M.

Woodworking Industries - Bibliography

New books, Der. i lesokhim. prom 1 №. 8, 1952

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

1. GARKAVI, S. M.
2. USSR (600)
4. Bibliography - Woodworking Industry
7. New books. Der. i lesokhim. prom. 2, no. 2, 1953.
  
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

GARKAVI, S. M.

Garkavi, S. M.--"Selection of Plans for Preparation of Mine Fields and Systems of working Single Sloping Seams of the Donets Basin Under Conditions of Full Mechanization and Cyclic work of Longwalls." Cand Tech Sci, All-Union Sci Res Coal Inst, 20 Jan 54.(Vechernyaya Moskva 7 Jan 54)

SO: Sum 168 22 July 1954

GARAKAVI, S.M.

2

✓ 384. EXPERIMENT IN WETTING THE MAIN ZONE OF COAL THROUGH BOREHOLES  
UNDER PRESSURE IN ORDER TO INCREASE THE REMOVAL OF GAS. Garakavli, S.M.  
(Ural (Coal, Moscow), July 1959, 26-32). With a view to reducing the danger  
from eruptions of coal and gas in a Dzibass mine, boreholes 10 mm in diameter  
had been drilled to remove gas. An experiment is now recorded in which water,  
with a wetting agent, was forced into the seam to increase the rate of removal.  
The experiment was inconclusive; the main effect was temporarily to force gas  
(i.).

*Resorozroyznye namchno - izdelavayte Vlasy  
ugol'nyy zonatich*

GARKAVI, S.M., kandidat tekhnicheskikh nauk.

Effectiveness of large-diameter advance drainage wells for haulage heading in seams presenting danger of coal and gas outburst. Ugol' 31 no.5:22-23 My '56. (MLRA 9:8)

1. Vsesoyuznyy ugol'nyy institut.  
(Coal mines and mining--Safety measures)

GARKAVI, S.M., kandidat tekhnicheskikh nauk.; BRAYTSEV, A.V., kandidat tekhnicheskikh nauk.; Voynik, I.A., gornyy inzhener.

Importance of hard headings and drainage shafts in the safety of haulage drifting along seams where sudden coal and gas outbursts are likely to occur. Ugol' 31 no.10:23-26 O '56. (MIRA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut.  
(Coal mines and mining--Safety measures)

GARKAVI, S.M., kandidat tekhnicheskikh nauk.

Efficient mining methods used in Hausham, Upper Bavaria for working  
thin seams subject to shock bumps (from "Gluckauf" no.33/34 '55).  
Ugol' 32 no.1:43-44 Ja '57. (MIRA 10:2)  
(Germany, West--Coal mines and mining)

KIREYEV, M.D., kand. tekhn. nauk, [translator]; GARKAVI, S.M., kand. tekhn. nauk, red.; KHODAKOV, I.K., red. izd-va.; LOMILIHA, L. N., tekhn. red.

[Mining thick seams; proceedings of the International Congress on the Centennial of the French Mining Society] Razrabotka moshchnykh plastov; trudy Mezhdunarodnogo kongressa, posviashchennogo 100-letiiu frantsuzskogo obshchestva gornoj promyshlennosti. Moskva, Ugletekhizdat, 1958. 313 p. [Translated from the French]. (MIRA 11:12)

1. Congres du Centenaire de la Societe de l'Industrie Minerale. Paris, 1955.  
(Coal mines and mining)

AVERSHIN, S.G., prof., dokt.tekhn.nauk; ANAN'IN, G.P., dotsent, kand.tekhn.  
nauk; BARANOV, A.I., dotsent, inzh.; BERLIN, A.Ye., inzh.;  
BOCHKAREV, V.G., kand.tekhn.nauk; BUTKEVICH, R.V., kand.tekhn.nauk;  
VESELOVSKIY, V.S., prof., doktor tekhn.nauk; VESKOV, M.I., kand.  
tekhn.nauk; VOL'KENAU, A.V., kand.tekhn.nauk; GAKKAVI, S.M.,  
kand.tekhn.nauk; GORBACHEV, T.F.; DAVIDIANTS, V.T., kand.tekhn.nauk;  
DMITRIYEV, M.F., kand.tekhn.nauk; DOBROVOL'SKIY, V.V., kand.tekhn.nauk;  
DUKALOV, M.F., kand.tekhn.nauk; ZAYTSEV, N.A.; ZARANKIN, P.S., inzh.;  
ZVYAGIN, P.Z., dotsent, kand.tekhn.nauk; IL'SHTEYN, A.M., kand.tekhn.  
nauk; KILYACHKOV, A.P., dotsent, kand.tekhn.nauk; KIRICHENKO, I.P..  
inzh.; KRUPENNIKOV, G.A., kand.tekhn.nauk; KUZNETSOV, S.T., kand.  
tekhn.nauk; KUCHERSKIY, L.V., kand.tekhn.nauk; LINDENAU, N.I., inzh.;  
LIPKOVICH, dotsent, kand.tekhn.nauk; LOKSHIN, B.S., kand.tekhn.nauk;  
MURATOV, M.L., dotsent, kand.tekhn.nauk; MUCHNIK, V.S., prof.,  
doktor tekhn.nauk; NAYDISH, A.M., dotsent, kand.tekhn.nauk; NEKRA-  
SOVSKIY, Ya.E., prof., doktor tekhn.nauk; NEKHAYEV, G.A., inzh.;  
NUROK, G.A., prof., doktor tekhn.nauk; OVINOV, M.I., inzh.;  
PORTNOV, A.A., inzh.; PROSKURIN, V.V., dotsent, kand.tekhn.nauk;  
RUDNEV, B.A., inzh.; SAPITSKIY, K.F., kand.tekhn.nauk; SELETSKIY, R.A.,  
dotsent, kand.tekhn.nauk; SEMENOV, A.P., kand.tekhn.nauk; SKAF, P.V.,  
inzh.; SONIN, S.D., prof.; SUDOPLATOV, A.P., prof., doktor  
tekhn.nauk; TIMOSHEVICH, V.A., inzh.; FURMAN, A.A., inzh.; CHINAKAL,  
N.A.; SHAKHMEYSTER, L.G., dotsent, kand.tekhn.nauk; TERPIGOREV, A.M.,  
glavnnyy red.; LOZNEVA, A.A., red.; NAUMKIN, I.F., red.; OSTROVSKIY,  
S.B., red.; PANOV, A.D., red.; STUGAREV, A.S., red.; SHELKOV, A.A.,  
red.

(Continued on next card)

AVERSHIN, S.G.—(continued) Card 2.

red.; ARKHANGEL'SKIY, A.S., kand.tekhn.nauk, red.; REZNIKOV, G.A.,  
inzh., red.; ALESHIN, M.I., red.izd-va; KACHALKINA, Z.I., red.  
izd-va; PROZOROVSKAYA, V.L., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii  
spravochnik. Glav. red. A.M. Terpigorev. Chleny glav.red.: F.A.  
Barabanov i dr. Vol.5 [Underground coal mining] Razrabotka  
ugol'nykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-  
tekhn.izd-vo lit-ry po ugol'noi promyshl. 1958. 447 p.

(MIRA 12:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorbachev, Chinakal).
2. Chlen-korrespondent Akademii nauk USSR (for Zaytsev).

(Coal mines and mining)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARFAVI, S.M.,kand.tekhn.nauk

Using degassing for decreasing dust content in mine air. Bezop.truda  
v prom. 2 no.4:11-12 Ap '58. (MIRA 11:4)  
(Mine dusts)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKAVI, S.M., kand.tekhn.nauk; ZVYAGIN, P.Z.

Comparative effectiveness of the panel and modified  
longwall systems for mine development. Ugol' Ukr. 4  
no.5:41-42 My '60. (MIRA 13:8)

1. Institut gornogo dela AM SSSR.  
(Coal mines and mining)

GARKAVI, S.M., kand.tekhn.nauk; ZVYAGIN, P.Z., kand.tekhn.nauk

Effect of their concentration on the labor requirements of  
underground mining operations in the Donets Basin. Ugol'  
Ukr. 4 no. 11:38-39 N '60. (MIRA 13:12)

1. Institut gornogo dela AM SSSR.  
(Donets Basin--Coal mines and mining)

GARKAVI, S.M.; ZVYAGIN, P.Z.

Speed-up of the working of coal deposits and concentration of mining operations is the most important factor in improving the economics of the operation of coal mines. Gor. i ekon. vop. razrab. ugol'. i rud. mest. no.1:291-309 '62. (MIRA 16:7)  
(Coal mines and mining—Labor productivity)

KHARCHENKO, A.K., kand.tekhn.nauk; GARKAVI, S.M., kand.tekhn.nauk

Correct selection of over-all mechanization means and of mining  
parameters is the base of high labor productivity. Ugol' 37 no.7:35-  
38 Jl 82. (MIRA 15:7)  
(Coal mines and mining—Labor productivity)

GARKAVI, S.M., kand.tekhn.nauk

Mining a thin flat seam without men in the pit. Ugol' Ukr. 7 no.6:  
49-50 Je '63. (MIRA 16:8)

1. Institut gornogo dela im. A.A.Skochinskogo.

KHARCHENKO, Aleksey Kondrat'yevich, doktor tekhn. nauk; GARKAVI,  
S.M., otv. red.; OSVAL'D, E.Ya., red.izd-va; BOLDYREVA,  
Z.A., tekhn. red.; SABITOV, A., tekhn.red.

[Labor productivity in the coal industry and ways to increase it] Proizvoditel'nost' truda v ugol'noi promyshlennosti i puti ee povysheniia. Moskva, Izd-vo "Nedra," 1964. 349 p. (MIRA 17:1)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

2025 RELEASE UNDER E.O. 14176

S. R. SIVAKOV.

Chebyshev and near-Chebyshev subspaces. Izv. AN SSSR. Ser. mat.  
23 no. 4, 790-813 JL-Ag '64. (MURA 17:9)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

KHARCHENKO, A.K., doktor tekhn. nauk; GARKAVI, S.M., kand. tekhn. nauk

Maximum load on a longwall depending on the gas content of seams  
and the selection of an order of mining and a ventilation system  
of the mining areas. Ugol' 38 no.11:31-35 N '63.

(MIRA 17:9)

1. Institut gornogo dela im. A.A. Skochinskogo.

GARKAVI, S.M., kand. tekhn. nauk

Readers' response to the article by A.E. Petrosian,  
I.V. Sergeev, and N.I. Ustinov "Gas abundance in  
mining areas during the complex mechanization of coal  
mining." "Ugol", 1963, No.2." Ugol' 38 no.12:49-50 '63.  
(MIRA 17:5)

1. Institut gornogo dela im. A.A. Skochinskogo.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

SHIFRIN, Ye.L., inzh.; GARKAVI, V.A., inzh.

Stability of the parallel operation of centrifugal pumps.  
Energomashinostroenie 10 no.7:8-11 Jl '64. (MIRA 17:9)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKAVI, Ya. N.

Garkavi, Ya. N. - An investigation of stresses in models of multi-barred frames by means of photoelasticity", Izvestiya Dnepropetrs. gornogo in-ta im. Artema, Vol. XX, 1948, p. 161-74 - Bibliog: 9 items.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

GARKIVI, YA. N.

On the Dynamic Strength of Bar Fabricated Locomotive Frames

The author presents the results of an investigation of the stresses in transparent models of locomotive frames by the method of photoelasticity. He gives data from fatigue experiments on models constructed on a scale of 1:25. (RZhMekh, No. 6, 1955) Tr. Dnepropetr. in-ta Inzh. Zh.-d Transp., No. 24, 1954, 18-31

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

LAZARYAN, V.A., doktor tekhn. nauk, prof.; VOSKOBONYIK, E.Z., kand.  
tekhn. nauk; GARKAVI, Ya.N., kand. tekhn. nauk

Technological and working stresses in the frame of the FD  
locomotive. Trudy DIIT no.24:5-17 '54. (MIRA 16:11)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

CHURKIN, P.A. N.

"The Influence of Apertures for Bolts on the Stresses in a Locomotive B r Frame,"  
Tr. Dnepropetr. In-ta. Inzh. Zh.-d. Transj., No 24, 1954, p. 31-36

The method of photostability is used to investigate the stresses in a model of a locomotive frame resulting from the action of a longitudinal load of 50 kg which imitates the longitudinal force of steam pressure on the forward cover of the locomotive cylinder. The case of absence of apertures for the bolts and the case where there are apertures in the zone between the bearing recess and axle partition are considered. (Kharkh, No 1, 1955) SC: Sum.No. 713, 9 Nov 55

GARKAVI, Ya. N.

USSR/Engineering—Locomotive construction

Card 1/1 : Pub. 128—4/33

Authors : Lazaryan, V. A., Prof., Cand. Tech. Sci.; Voskoboinik, E. Z., Docent, Cand. Tech. Sci.; and Garkavi, Ya. N., Docent, Cand. Tech. Sci.

Title : Temperature strains on the frame of the FD locomotive

Periodical : Vest. mash. 34/8, 22-24, Aug 1954

Abstract : Cracks which form in the frame of the FD locomotive are studied. The boiler is found to increase its length under the effect of superheated steam. Changes also take place in the dimensions of the cylinders. Data are compiled and formulas developed for calculating the nature and location of the strains. Graphs; drawings; tables.

Institution : .....

Submitted : .....

SOV-125-58-9-13/14

AUTHORS: Vol'fovskaya, F.S., Voskoboynik, E.Z., and Garkavi, Ya.N.

TITLE: Investigation of Causes of Crack Formation in Locomotive Removable Wheel Rims During Manual Welding of Local Wear With "U-340-PB" Electrodes (Issledovaniye prichin poyavleniya treshchin v bandazhakh lokomotivov pri ruchnyy naplavke mestnogo iznosa elektrodami U-340-PB)

PERIODICAL: Avtomaticheskaya svarka, 1958, Nr 9, pp 93-98 (USSR)

ABSTRACT: Experimental welding tests on worn out locomotive wheel rims were performed with the use of "U-340-PB" electrodes at the locomotive depot of the Nizhnednepransk junction, according to technology developed by TsNII MPS. Experimental investigation of stresses in wheel rims, to determine the causes of crack formation in welding, and metallographic and chemical analyses of the rim specimens are described. It was stated that the built-up metal content was different from that prescribed by TsNII MPS, in particular with regard to manganese concentration, and it was assumed that one of the causes for crack formation in the built-up metal was the chemical heterogeneity with respect to manganese. It is concluded that the used electrodes do not ensure the optimum

Card 1/2

SOV-125-58-9-13/14

Investigation of Causes of Crack Formation in Locomotive Removable Wheel  
Rims During Manual Welding of Local Wear With "U-340-PB" Electrodes

chemical composition of the built-up metal and reduce the  
quality of welding.

There are 3 graphs, 2 microphotos and 4 Soviet references.

ASSOCIATION: Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo trans-  
porta (Dnepropetrovsk Institute of Railroad Transport En-  
gineers)

SUBMITTED: March 23, 1958

1. Locomotives--Equipment    2. Steel--Fracture    3. Welding--Test  
results    4. Electrodes--Applications

Card 2/2

VOSKOBONIK, E.Z.; LATYSHEV, S.K.; GARKAVI, Ya.N.

"Traction drives of electric rolling stock" by A.A.Shatsillo.  
Reviewed by E.Z.Voskoboinik, S.K.Latyshev, IA.N.Garkavi. Vest.  
elektroprom. 33 no.6:72 Je '62. (MIRA 15:7)  
(Electric railroads--Rolling stock)  
(Electric railway motors) (Shatsillo, A.A.)

ZHURAVLEV, V. G.

"The Effect of Vitamin D<sub>3</sub> Deficiency on the Content of Collagen and Proteins in the Skeletal Muscles." Cand. Med. Sci., First Ienissei Medical Inst., Leningrad, 1955.  
Dissertation (Referativnyy Zhurnal--Khimika--Kosmicheskaya Khimiya, No 3, Jan 56.)

DD: SU1174, 19 Aug 1954

GARKAVI, Yu. Ye.

KOVALEV, N.N., laureat Stalinskoy premii; ANOSOV, F.V.; BUGRIN, S.K.;  
GARKAVI, Yu.Ye.; GRANOVSKIY, S.A.; ORGO, V.M.; ORLOV, I.V.; USTINOV,  
B.M.; GAMZE, Z.M., laureat Stalinskoy premii, dots., ratsenzent

[New turbines at the Dnieper Hydroelectric Power Station] Novye  
turbiny Dneprovskoi gidroelektrostantsii im. V.I.Lenina. Pod red.  
N.N.Kovaleva. Moskva, Gos. nauchno-tekh. izd-vo mashinostroit.  
(MIRA 11:5)  
lit-ry, 1951. 127 p.  
(Dnieper Hydroelectric Power Station)  
(Hydraulic turbines)

GARKAVI, Yu.Ye.; SWIRNOV, M.I.; PIVEN', V.D., laureat Stalinskoy premii,  
kandidat tekhnicheskikh nauk; VORONOV, A.A., kandidat tekhnicheskikh  
nauk, redaktor; POL'SKAYA, R.G., tekhnicheskiy redaktor.

[Regulation of hydraulic turbines] Regulirovanie gidroturbin. Mo-  
skva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 347 p.  
[Microfilm]  
(Hydraulic turbines)

GARKAVI, YUDEL' YEVICH

SHCHEGOLEV, Gleb Stepanovich; GARKAVI, Yudel' Yevich; SMIRNOV, M. I.,  
dotsent, retsenzent; ORGO, V.M., inzhener, retsenzent; GRANOVSKIY,  
S.I.A., kandidat tekhnicheskikh nauk, redaktor; VASIL'YEVA, V.P.,  
redaktor izdatel'stva; GOFMAN, Ye.K., redaktor izdatel'stva;  
POL'SKAYA, R.G., tekhnicheskiy redaktor

[Hydroturbines and their adjustment] Gidroturbiny i ikh reguliro-  
vaniye. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,  
1957. 349 p.  
(Turbines) (MIRA 10:10)

SOV/124-58-10-11159

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 64 (USSR)

AUTHOR: Garkavi, Yu. Ye.

TITLE: Runaway speed Tests of the Turbines of the Svir' III Hydroelectric Power Plant (Ispytaniya turbin GES Svir' III na razgon)

PERIODICAL: V sb : Gidroturbostroyeniye Vol 4, Moscow--Leningrad,  
Mashgiz, 1957 pp 273-284

ABSTRACT: The paper describes the results of special runaway-speed tests on a small local power supply aggregate and on one of the main units of the Nizhne-Svirskaya Hydroelectric Power Plant [on the river Svir'; Transl. Ed. Note]. In the course of testing under various conditions - with the speed-no-load control circuitry either connected or disconnected - the following observations were made: The number of rpm of the aggregate, the opening of the distributor in the spiral casing and the pitch of the runner blades, the vertical and horizontal vibrations of the turbine casing and the upper supporting cross-head of the generator, the whip of the shaft at the turbine bearing and the temperature of the thrust bearing, and also the flexure of the cross head. The results of the

Card 1/3

SOV/124-58-10-11159

Runaway-speed Tests of the Turbines of the Svir' III Hydroelectric Power Plant

tests showed the following: The actual runaway rpm of the full-scale main turbine, with the blades wide open, are fewer than the rpm obtained by model experiments. With the coordinated speed-no-load control circuitry of the power plant disconnected, the maximum runaway-speed rpm for the turbine with a small blade pitch are higher, while with a blade pitch greater than 5° they are lower than those observed in model experiments. The actual maximum runaway-speed rpm of a small turbine equipped with speed-no-load circuitry practically coincided with the results obtained from the model experiments. During operation of the turbine with speed-no-load control the vibrations of the aggregate increase with an increase of the blade pitch relative to the angle required for effective no-load speed control. The fundamental frequency of the horizontal vibrations of the generator cross head coincides with the rpm of the aggregate, while the amplitude of these vibrations grows in direct ratio to the number of revolutions. The amplitude of the vertical vibrations of the turbine casing depends upon the opening of the distributor, while the amplitude of the horizontal vibrations depends basically upon the number of the revolutions. A 30-min runaway operation of the main aggregate, with vibrations that were considerably greater than those taking place during normal operation, did not bring about any noticeable abnormalities in the aggregate. The axial pressure of the water on the runner during runaway-speed operation is greater with the

Card 2/3

SOV/124-58-10-11159

Runaway-speed Tests of the Turbines of the Svir' III Hydroelectric Power Plant

lowest blade pitch than with the blades at the greatest pitch. The runaway-speed rpm of a water turbine may be considerably reduced by opening the blade pitch to the maximum angle. At the same time, in order to avoid significant vibrations, it is necessary either to open the distributor guide vanes as well or to set the runner-blade pitch to less than the maximum angle.

M. A. Peshkin

Card 3/3

ANOSOV, F.V., inzh.; GAMUS, I.M., inzh.; GARKAVI, Yu.Ye., inzh.; GOL'SHMAN, G.S., inzh.; YEVDOKIMOV, A.A., inzh.; YEREMEYEV, A.S., inzh.; ZHMUD', A.Ye., inzh.; KELAREVA, N.N., inzh.; KLOCHKOV, A.P., inzh.; LANG, A.G., inzh.; MENGEL', E.Ya., inzh.; MOROZOV, A.A., prof., doktor tekhn.nauk [deceased]; SEREBRYAKOV, G.M., inzh.; SMIRNOV, I.N., dotsent, kand.tekhn.nauk; SMIRNOV, M.I., dotsent; SHCHAVELEV, D.S., prof., doktor tekhn.nauk; SHCHERBINSKAYA, N.N., inzh.; KOVALEV, N.N., red.; MOZHEVITINOV, A.L., red.; ZABRODINA, A.A., tekhn.red.

[Turbine equipment of hydroelectric power stations: handbook on design-  
ing] Turbinnoe oborudovaniye gidroelektrostantsii; rukovodstvo dlia  
proektirovaniia. Izd. 2., perer. i dop. Pod obshchey red. A.A. Moro-  
zova. Moskva. Gos. energ. izd-vo, 1958. 519 p. (MIRA 12:1)

1. Vsesoyuznyy institut "Gidroenergoprojekt," Leningradskoye otde-  
leniye.  
(Hydraulic turbines)

GARKAVI, Yu.Ye., inzh.

Tests at the Kuybyshev Hydroelectric Power Station. Energomashinostroenie  
4 no.8:44 Ag '58. (MIRA 11:11)  
(Volga Hydroelectric Power Station --Testing)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKAVI, Yu.Ye., inzh; SMIRNOV, M.I., inzh

In reference to the review of the book "Regulation of hydraulic turbines." Elek.sta. 29 no.9:83-85 S '58.  
(MIRA 11:11)  
(Hydraulic turbines)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKAVTSEV, S. Ya.

104-3-35/45

AUTHOR: Garkavtsev, S.Ya., Technician and Logunin, I.Z., Engineer.

TITLE: Experience of operating outdoor 110 kV distribution equipment with single-column isolators. (Opty ekspluatatsii otkrytogo raspredelitel'nogo ustroystva 110 kV s odnokolonkovymi razvedinitelyami.)

PERIODICAL: "Elektricheskiye Stantsii" (Power Stations), 1957,  
Vol.28, No.3, p. 85 (U.S.S.R.)

ABSTRACT: An outdoor 110 kV sub-station has been in operation for three years at a power station; it has two busbar systems with one circuit breaker per circuit and single column isolators. It has been found in service that the surface of the fixed contacts of the isolators is too small. Corrective measures that were taken are briefly described; the isolators now operate normally and the outdoor sub-station is very convenient.

There is 1 figure.

AVAILABLE: Library of Congress  
Card 1/1

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKAVTSEV, S.Ya., tekhnik.; LOGUNIN, I.Z., inzh.

Experience in operating unit-type auxiliary switchgear. Elek. sta.  
29 no.7:87-88 J1 '58. (MIRA 11:10)  
(Electric switchgear)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GAR'KAVYY, F. L.

GAR'KAVYY, F. L. -- "Problem of Raising Calves in Unheated Buildings Under Conditions Prevailing in the Latvian SSR." Latvian Agricultural Academy, 1952 (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

GARKAVYY, I., mayor intendantskoy sluzhby

We keep potatoes and vegetables in snow mounds. Tyl i snab.  
Sov. Voor.Sil 21 no.2:89-90 F '61. (MIRA 14:6)  
(Vegetables--Storage)

Production of crystal sugar for Soviet champagne. I. S. Barkavyi. *Sakharaya Prom.* 30, No. 6, 27-3(1936).— Exceptionally high quality refined sugar is required for manufacturing of champagne. The specifications require absolutely colorless crystal of 2-2.5 mm. and polarization of 09.95. Flow sheet and method of boiling refined sugar are given.  
V. E. Balkow

GARKAVYY, I.S.

Rail transportation of packaged sugar in containers. Sakh.prom.  
30 no.9:19-22 S '56. (MIRA 10:3)

1. Khodorovskiy sakharneyy zavod.  
(Sugar--Transportation)

30869. GARKAVYY, P. F.

Selektsiya yarovogo yachmenya. V sv: Nauch. trudy Vsesoyuz. selekts-genet. in-ta im Lysenko. N., 1949, s. 68-142.

GARKAVYY, P. V. ----

agriculture-hybridization

Candidate of Agricultural Sciences, All-Union Scientific-Research Agricultural-Genetics Institute imeni T. D. Lysenko is the author of an article on the selection of winter barley on basis of directed training and hybridization.

SO: Doklady Vsesoyuznoy Ordena Lenina Akademii Sel'skokhozyaystvennykh Nauk imeni V. I. Lenina, No. 2, 1956, pp 20-25

GARKAVITY P. F.

USSR / Cultivated Plants. Grains.

M-3

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72899.

Author : Garkavity, P. F. i Sozinov, A. A.

Inst : All-Union Academy of Agricultural Sciences imeni  
V. I. Lenin.

Title : Barley for Brewing in the Southern Ukraine.

Orig Pub: Dokl. VASKHNIL, 1958, No 1, 3-7.

Abstract: In the All-Union Selection Genetics Institute study is being made of the possibility of obtaining barley for brewing in the south, while the brewing qualities of the varieties are being evaluated. In 1957 the "Odesskiy 9" and "Odesskiy 18" varieties were introduced as brewing barleys for Odesskaya, Niko-  
layevskaya and Kirovogradskaya Oblasts. New varieties were obtained - the "Lesostepnay" and "Yuz-

Card 1/2

26

USSR/Cultivated Plants - Grains

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82296

Author : Garkaviy, P.

Inst : Odessa Scientific Society for the Dissemination of  
Political and Scientific Knowledge

Inst : Winter Barley - A Highly Productive Crop.

Orig Pub : Byul. Sil'slkogospod. inform. Odes'kkvid. T-va dlym  
poshir. polit. nauch. zhurn', 1957, No 3, 18-20

Abstract : No abstract.

Card 1/1

GARKAVYY, P.F., kand.sel'skokhozyaystvennykh nauk; SOZINOV, A.A.

Malting barley in the southern Ukraine. Dokl. Akad. sel'khoz.  
23 no.1:3-7 '58. (MIRA 11:5)

1.Vsesoyuznyy selektsionno-geneticheskiy institut imeni T.D. Lysenko.  
Predstavлено академиком F.G. Kirichenko.  
(Ukraine--Barley)

GARKAVYY, P.F., kand. sel'skokhozyaystvennykh nauk; DANIL'CHUK, P.V.

Biological of some forms and varieties of foxtail millet in the southern Ukraine Dokl. Akad. sel'khoz. 23 no.2:3-8 '58.

(MIRA 11:5)

1. Vsesoyuznyy selektsionno-geneticheskiy institut imeni T.D. Lysenko. Predstavlena akademikom D.A. Dolgushinym.  
(Ukraine--Millet.)

GARKAVYY, P.E., kand.sel'skokhozyaystvennykh nauk

Winter barley in the southern Ukraine. Zemledelie 23 no.1:30-36  
Ja '61. (MIRA 13:12)

1. Vsesoyuznyy ordena Trudovogo Krasnogo Znameni selektsionnogenercheskiy institut imeni T.D.Lysenko.  
(Ukraine--Barley)

MUSIYKO, A.S., doktor sel'khoz. nauk, otv. red.; BERCHENKO, B.E., red., kand. sel'khoz. nauk; VENGRENOVSKIY, S.I., kand. sel'khoz. nauk, red.; VERESHCHAKA, A.I., kand. sel'khoz. nauk, red.; GARKAVYY, P.F., kand. sel'khoz. nauk, red.; DOLGUSHIN, D.A., akademik, red.; KIRICHENKO, F.G., akademik, red.; PUKHAL'SKIY, A.V., kand. sel'khoz. nauk, red.; SOKOLENKO, N.F., doktor sel'khoz. nauk, red.; KHITRINSKIY, V.F., doktor sel'khoz. nauk, red.; SMIRNOV, F.V., red.; TETYUREVA, I.V., red.; MAKHOVA, N.N., tekhn. red.

[Towards the development of Michurinist agrobiological theories] Za razvitiye michurinskoi agrobiologicheskoi nauki; materialy... Moskva, Sel'khozizdat, 1963. 350 p.

(MIRA 16:10)

1. Nauchnaya konferentsiya, posvyashchennaya 50-letiyu Vsesoyuznogo Ordena Lenina i Ordena Trudovogo Krasnogo Znani selektsionno-geneticheskogo instituta imeni T.D. Lysenko. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina, direktor Vsesoyuznogo selektsionno-geneticheskogo instituta imeni T.D.Lysenko (for Musiyko). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kirichenko, Dolgushin). 4. Vsesoyuznyy selektsionno-geneticheskiy institut imeni T.D.Lysenko (for Kirichenko, Vengrenovskiy, Garkavyy). 5. Glavnyy uchenyy sekretar' prezidiuma Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Pukhal'skiy).

(Plant breeding) (Plants, Cultivated)

GAR'KAVY, Pavel Mikhaylovich; SIDEL'NIKOV, V.V., redaktor; SOBOLEVA, Ye.M.,  
tekhnicheskiy redaktor

[Partial mechanization for repair of overhead communication lines  
of a power system; experience of the Leningrad Power System]  
Malaja mekhanizatsiya na remonte vodorushnykh linii sviazi energo-  
sistemy; iz opyta Lenenergo. Moskva, Gos.energ.izd-vo, 1957. 30 p.  
(Electric lines--Overhead) (MLRA 10;7)

L 20113-65 EWT(m)/EPF(c)/EWP(v)/EPR/EWP(j)/T Pe-4/Pr-4/Ps-4 RM/WW

ACCESSION NR: AR4049787

S/0282/64/000/009/0083/0083

SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye. Otdel'ny\*y  
vy\*pusk, Abs. 9.47.529

AUTHOR: Garkavy\*y, V.V., Krasnopol'skiy, A.N.

TITLE: Joining of polyethylene tubes

CITED SOURCE: Sb. rabot po inekhaniz. i elektrifik. s.-kh. protz-va. Vseros.  
n.-i. in-t mekhaniz. i elektrifik. s. kh., vy\*p. 6, 1963, 95-96

TOPIC TAGS: polyethylene tubing, tube jig, polyethylene tube seaming, metallic  
polyethylene joint

TRANSLATION: A jig with collars was used for joining tubes with diameters of  
75-110 cm. Tube ends were trimmed perpendicularly to the outside surface and  
clamped in the collars. A steel plate, 8-10 mm thick, was then placed between the  
tube ends and a clearance of 3-4 mm was left on each side. The plate was heated  
to temperatures not exceeding 480C and removed after the tube ends softened. The  
latter were then joined and kept clamped until the seam cooled completely. Tubes of

Card 1/2

L 20113-65

ACCESSION NR: AR4049787

smaller diameter were joined by using sleeves made of polyethylene tubing of larger diameter. A special mold in the form of a sliding sleeve was used to heat tubes for joining. An adequately heated tube is inserted into the inside collar of the mold, while the sleeve is seated over the mold's opposite end. The mold is then withdrawn and the sleeve is quickly forced over the softened tube end. Metal parts to be joined with polyethylene tubes are threaded inside or outside, the threaded part is then heated to the polyethylene's melting point and is screwed onto the tube. Three illustrations.

N. Milenina

SUB CODE: MT, IE ENCL: 00

Card 2/2

GARKAVYY, Ye.V.

Measuring the temperature of an arc jet. Inzh.-fiz. zhur. 6  
no.2:20-24 F '63. (MIRA 16:1)  
(Electric discharges through gases)  
(Temperature—Measurement)

GARKAVYY, Ye.V.

Thermal equilibrium in a high-temperature gas jet. Inzh.-fiz.  
zhur. 5 no.8:84-86 Ag '62. (MIRA 15:11)

1. Energeticheskiy institut AN BSSR, Minsk.  
(Gas flow) (Thermodynamics)

GARKAVYY, Ye.V.; YAS'KO, O.I.

Some temperature characteristics of an arc jet. Inzh.-fiz.  
zhur. 6 no.11:50-51 N '63. (MIRA 16:11)

1. Institut teplo- i massochmena AN BSSR, Minsk.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

SECRET, Well,

The Second Worldwide Conference on Safety and Security, Princeton,  
New Jersey, October 27-29, 1966.  
(MITRA 12-70)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKINA, I.N.; BUKIN, V.N.

Chemical method of determining vitamin D in fish oils. Vit.res. i  
ikh isp. no.1:233-249 '51. (MIRA 8:12)  
(VITAMINS--D) (FISH OIL)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

er

11B

GAKKINA 1A

Chemical method for the determination of vitamin D in fish oils. I. N. Garkina and V. N. Bukin (Bakh Biochem. Inst., Moscow). *Biochimia* **16**, 176-85 (1951). Vitamin A is removed by bentonite, and the sterols by digitoxin. Vitamin D is then detd. with SbCl<sub>3</sub>. The accuracy is ±25%, compared to an accuracy of ±20% for the hot method. In irradiated fish oils, the tachysterol (which is not ptd. by digitoxin) is bound in a complex by treatment with maleic anhydride, previous to the SbCl<sub>3</sub> reaction.

H. Priestley

1957.

GARKINA, I. N.

✓ Chemical and spectroscopic methods for determination of vitamin A. I. N. Garkina. *Vitaminnye Reakty i ikh Ispol'zovanie, Akad. Nauk S.S.R., Inst. Biokhimii im. A. N. Bakha, Sbornik 3, 6-21(1958).*—Phys. and chem. properties, structure, and methods of detn. of the A vitamins are reviewed, and details of the chem. and spectroscopic detn. are presented for application to milk, eggs, and blood. Chemical method for determination of a vitamin D. I. N. Garkina and V. N. Bukin. *Ibid.* 22-52.—Properties of ergosterol, vitamin D<sub>2</sub> and D<sub>3</sub>, and 7-dehydrocholesterol, and methods for detn. are reviewed. The chem. detn. methods are presented in detail for analyses of oil and fatty tissue of fish and marine animals, oil soaps, of irradiated ergosterol and alc. solns. of irradiated ergosterol. Chromatographic method for separation of provitamin and vitamin D. I. N. Garkina. *Ibid.* 53-73. Biological method for the determination of the D vitamin activity (line test). N. N. Erofeeva. *Ibid.* 74-81. Biological method for determining P-vitamin activity. N. N. Erofeeva. *Ibid.* 82-90. Fluorometric method for determination of thiamine. V. N. Bukin, K. L. Povolotskaya, A. A. Kondrashova, and E. P. Skorobogatova. *Ibid.* 91-9. Catechol CDV-3 in the fluorometric method for determination of vitamin B<sub>1</sub>. A. A. Dmitrovskii. *Ibid.* 100-7. Fluorometric method for determination of riboflavin. K. L. Povolotskaya, N. I. Zaitseva, and E. P. Skorobogatova. *Ibid.* 108-20. Microbiological method for determination of riboflavin. K. L. Povolotskaya, E. P. Skorobogatova, and N. I. Zaitseva. *Ibid.* 121-8.—The method is based on growth of a culture of *Lactobacillus casei*. Chromatographic method for separation of riboflavin and its nucleotides. K. L. Povolotskaya and N. I. Zaitseva. *Ibid.* 129-32. Microbiological method for determination of nicotinic acid (vitamin PP). O. I. Pushkinskaya and L. S. Kutseva.

13

1/2

*Garkina, T.N.*

*Ibid.* 133-44.—The method is based on growth of a culture of *Lactobacillus arabinosus*. Microbiological method for determination of pyridoxine (vitamin B<sub>6</sub>). N. A. Ponomchikova. *Ibid.* 145-51.—The method is based on using a culture of *Saccharomyces ludwigii*. Microbiological method for determination of pantothenic acid. N. A. Ponomchikova. *Ibid.* 152-7. Fluorometric method for determination of folic acid. N. A. Andreeva. *Ibid.* 158-65; cf. *C.A.* 48, 5257d. Microbiological method for determination of folic acid. O. I. Fushkinskaya and L. S. Kutseva. *Ibid.* 168-74. Microbiological method for determination of vitamin B<sub>12</sub>. L. S. Kutseva. *Ibid.* 175-81. Chemical method for determination of vitamin B<sub>12</sub>. V. N. Lukin, L. Ya. Aveshkina, and E. P. Skorobogatova. *Ibid.* 182-7; cf. *C.A.* 49, 6378e.—The method is based on extn. of the vitamin with a dil. (0.25%) soln. of NaNO<sub>2</sub>, refining the ext., and spectroscopic or colorimetric detn. of the vitamin in the refined ext. Supplement: Ascorbic acid (vitamin C). Anon. *Ibid.* 188-90. Determination of carotene (provitamin A) according to Murri. Anon. *Ibid.* 191-3; cf. *C.A.* 32, 2654<sup>a</sup>. M. M. Piskur

*2/2*

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKINA, I.N.; BUKIN, V.N.

Chemical method for vitamin D determination. Vit. res. i ikh isp.  
no.3:22-52 '55. (MLRA 9:4)

(VITAMINS--D) (CHEMISTRY ANALYTICAL, QUANTITATIVE)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

GARKINA, I.N.

Separation of provitamins and vitamins D by the chromatographic  
method. Vit. res. i ikh isp. no.3:53-73 '55. (MIRA 9:4)

(VITAMINS--D) (PROVITAMINS) (CHROMATOGRAPHIC ANALYSIS)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8"

GARKINA, I. N. Cand Biol Sci -- (diss) "Methods of Classification  
and Determination of Provitamins and Vitamins D." Mos, 1957.  
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"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514320017-8

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Clinical and morphological relationships in chronic liver diseases.  
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1. Iz fakul'tetskoy terapevticheskoy kliniki (dir. - deystvitel'-nyy chlen AMN SSSR prof. V.N. Vinogradov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.  
(LIVER--DISEASES)

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GARKINOV - Chief of the Finance Planning Section of the Moscow Regional (Oblast)  
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GARKINOV, A.I.

Ways of increasing work efficiency in district communication  
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1. Nachal'nik planovo-finansovogo otdela Moskovskogo oblastnogo  
upravleniya svyazi.  
(Telecommunication)

AUTHOR: Garkinov, A.I. Senior Engineer-Economist 111-58-7-11/27

TITLE: Collecting the Payment for Communications Services on Time  
(Svoevremenno poluchat' platu za uslugi svyazi)

PERIODICAL: <sup>15</sup> Vestnik svyazi, 1958, ^Nr 7, pp 18-19 (USSR)

ABSTRACT: The article deals with the problem of collecting payment for communications services (radio relay, telephone subscription, etc). Many regional communications offices are attacked for their over-readiness to extend credit to subscribers and consumers. One or two branches are praised for having all but liquidated the credit system. Their methods - cutting off the telephone, a personal visit by a payment collector - are described and recommended to other dilatory offices.

ASSOCIATION: Planovo-finansovyy otdel Ministerstva svyazi RSFSR (Planning and Finance Department of the Ministry of Communications, RSFSR)

**1. Communications—Economic aspects**

Card 1/1

ZVORYKIN, A.A., otv.red.; NEMCHENKO, V.S., zaveduyushchiy red.; BOCHAROV, M.D., starshiy nauchnyy red.; KRISTOSTUR'YAN, M.G., starshiy nauchnyy red.; CHERKASOV, V.I., starshiy nauchnyy red.; ANDREYANOV, V.V., red.; GARKOVENKO, R.V., nauchnyy red.; KAUFMAN, V.M., mladshiy red.; PAKHMANOV, V.F., mladshiy red.; KOSTI, S.D., tekhn.red.

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Garkovets, T. G.

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Condensation of styrene with benzene. L. P. Tsukermanik and T. G. Gar'kova (Zh. sovkh. Nauk., 1956, 28, 1653-1655). — In the condensation of acetylene or styrene with benzene in presence of  $\text{AlCl}_3$ , it was found that 50-60% yields of 1 : 1-diphenylethane could be obtained by adding 0.1 g.-mol. of styrene to 6 g.-mol. of benzene with 0.01 g.-mol.  $\text{AlCl}_3$  at  $40^\circ$ . If the styrene was saturated with  $\text{HCl}$  or  $\text{HBr}$  before being added to the benzene, rapid polymerization resulted. This led to further experiments of combining  $\text{HBr}$  with styrene in benzene/lignin solution under the effect of light in the presence of  $\text{AlBr}_3$  and  $\text{AlCl}_3$ ; reactions going through intermediate formation of  $\beta$ -bromoethylbenzene to dibenzyl; average yields of the latter were 70-8%. The presence of Al halogenides did not affect this reaction.  
A. I. B.

1. Institut Khim. i N. Ulyanovsk