

Karut, T.A.

IVANOVA, M.G.; GOL'DENBERG, I.Ya.; LUKASHEV, I.I.; KARUT, T.A.; KANDYBA, S.G.;
MIKHAYLICHENKO, P.M.; NAKHMANSON, G.L.

Studies on biological properties of *Mycobacterium tuberculosis muris*.
Probl. tuberk., Moskva no. 3:22-28 May-June 1952. (CIML 22:4)

1. Of the Ukrainian Tuberculosis Institute (Director -- Prof. B. M.
Khmel'nitskiy), Khar'kov.

1. GOL'DENBERG, I. Ya., Prof.: LUKASHOV, I. I., Prof.: KARUT, T. A., D.V.M.
IVANOVA, M. I., D.V.H.: KANDYBA, S. G.: MIKHAYLICHENKO, P. M.

2. USSR (600)

4. Tuberculosis

7. Pathogenic pro-perties of the cultured tuberculosis bacillus isolated from field mice. Veterinariia 29, no. 11, 1952.

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

KARUT, T. A.

LUKASHOV, I. I., professor.; GOL'DENBERG, I. Ya., professor, [deceased].; IVANOVA, M. I., dotsent.; KARUT, T. A., dotsent.; MIKHAILICHENKO, P. M., vrach.; KANDYBA, S. G., vrach.

Studying sheep and swine for the pathogenic properties of a culture grown from tuberculosis bacilli isolated from field voles. Sbor. trud. Khar'. vet. inst. 22:248-251 '54. (MLRA 9:12)

1. Kafedra epizootologii Khar'kovskogo veterinarnogo instituta i tuberkuleznyy otdel Khar'kovskogo instituta epidemiologii i mikrobiologii imeni I. I. Mechnikova.
(Tuberculosis in animals)

AID P - 3665

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 11/19

Authors : Koshkin, M. L., Prof., Karut, T. A., Kand. Med. Sci.,
Kandyba, S. G., Assistant

Title : Acid-resisting saprophytes as a test for the sensitivity
of tuberculosis bacilli to ultraviolet radiation

Periodical : Gig. i. san., 11, 44-46, N 1955

Abstract : Describes experiments with various saprophyte cultures
as substitutes for tuberculosis bacilli. Mercury uviol
lamps, mass-produced in the USSR and very efficient for
the disinfection of the air and different objects, were
used in these tests with best results. 1 reference.

Institution : Chair of General Hygiene, Khar'kov Medical Institute and
Ukrainian Institute of Vaccines and Serums im. I. I.
Mechnikov.

Submitted : Ap 24, 1954

KARUTSIN, P.

KARUTSIN, P. Cotton pickers of the village of Gita. p.21

Vol. 11, no. 9, Sept. 1956
KOOOPERATIVNO ZEMEDELIE
AGRICULTURE
Sofia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

KARUZIN, B. V.

Volga Valley - Wheat

Sowing winter wheat on stubble in the Central Volga Valley. Dokl. Ak. sel'khoz. 17 No. 8, 1952

Monthly List of Russian Accessions. Library of Congress. November 1952, UNCLASSIFIED.

KARUZIN,

USSR/Cultivated Plants - Fodders.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69267

Author : Karuzin, B.V.
Inst :
Title : Methods of Sowing and Specimens of Corn in the Ku'bishev Oblast.

Orig Pub : S. kh. Povolzhiya, 1956, No 5, 27-30

Abstract : In 1955 on a number of varietal testing plots and experimental stations a study was conducted on methods of band, wide-row and continuous sowing, in comparison with square, nest sowing (70 x 70 cm). The lowest yield of corn, in fodder units, was obtained by continuous sowings. The other methods gave almost equal amounts of fodder units per hectare. The results of testing the corn varieties showed that the highest yield of green mass was obtained from the southern late-ripening varieties (Krasnodarskaya 1/49, hybrid VIR-42 and others). In some cases they

Card 1/2

USSR/Cultivated Plants - Fodders.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69267

L-4

exceeded yields of early-ripening varieties

KARUZINA, Irina Petrovna; BOGORAD, V.B., red.; BUKOVSKAYA, N.A.,
tekhn. red.

[Textbook of biology] Uchebnik biologii. Moskva, Medgiz,
1963. 331 p. (MIRA 16:10)

(BIOLOGY)

3-7-6/29

AUTHOR: Karuzina M.I., Candidate of Economical Sciences, Dotsent.

TITLE: Connecting the Problems of Economy to Life (Svyazyvaya problema ekonomiki s zhizn'yu)

PERIODICAL: Vestnik Vyshey Shkoly, 1957, # 7, pp 24 - 28 (USSR)

ABSTRACT: The author reports on the work of the Chair of Political Economy at the Moscow Institute of Aviation, from the viewpoint that the political training of students has to be done not only outside teaching hours but also during lectures. The author then gives some examples of the educational activity of this institute and the work of its instructors: Dotsent M.S. Dragilev, who is demonstrating in his lectures the effect of Marxist economic laws on capitalist industry and the resultant ruin of the working classes in the USA, England and the other capitalist countries; Dotsent I.A. Vyazmin who is dealing in his lectures with problems of socialist industry, and the great educational experience shown by Dotsent M.M. Litvin. There are, however, some deficiencies due to the fact that the treatment of socialist industry has often a dogmatic character. He also criticizes the neglect in the education of the masses in the sense of communist consciousness.

Card 1/2

Connecting the Problems of Economy
APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720920013-7

In this connection the author states that the educational work must be supported by the organization and methodical work of the Chair.

ASSOCIATION: Moscow Institute of Aviation (Moskovskiy aviatsionnyy institut)

AVAILABLE: Library of Congress

Card 2/2

KARUZINA, N. P.

PA 3/49T77

"Effect of Carnosine on the Carbohydrate-Phosphorus Exchange of Muscles," S. E. Severin, V. I. Ivanov, N. P. Karuzina, R. Ya. Yudelovich, Chair of Med Chem, Moscow Med Inst, MZ RSFSR, 11 pp

"Biokhimiya" Vol XIII, No 2 - 1948

Reports series of experiments. Carnosine, when added to suspension of frog's muscle in phosphate buffer solution, accelerates esterification of inorganic phosphate and whole process of glycogenolysis. Describes action of histidine, anserine and B-analin.

Submitted 1 Aug 47

KARUZINA, N. P.

KARUZINA, N. P. --"Phosphatase of Cellular Nuclei and of Whole Tissues of Tumors and of Normal Organs." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Acad Med Sci USSR, Moscow, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Biological Sciences

ZBARSKIY, I.B.; KAHUZINA, N.P.

Effect of ribonucleic acid and its hydrolysates on the inclusion of glycine-1 labeled with C^{14} in proteins of normal and tumor tissues. *Biul. eksp. biol. i med.* 48 no. 11: 65-69 N '59.

(MIRA 13:5)

1. Iz biokhimicheskoy laboratorii (zav. - prof. I.B. Zbarskiy) Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena (dir. - prof. A.N. Novikov), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR A.Ye. Braunshteynom.

(GLYCINE metab.)

(PROTEINS metab.)

(NEOPLASMS metab.)

(RIBONUCLEIC ACID pharmacol.)

KARUZSKIY, O.N.

Experience with automatic welding of large diameter pipes under
field conditions. Ved. 1 san. yekh. no. 5:25-26 Ag '55.
(Water pipes--Welding) (MLRA 9:2)

KARUZSKIY, O.M.

Making reducers from steel pipes with one wedge. Ved. 1 san.
tekh. no.5:26 Ag '55. (MIRA 9:2)
(Water pipes)

KARVALY, Elemer, dr.

The occurrence of epidemic hepatitis in the Veszprem District during the period of 1955-1960. Orv. hetil. 103 no,26:1223-1227 1 JI '62.

1. Kozegeszsegugyi es Jarvanyugyi Allomas, Veszprem.
(HEPATITIS INFECTIONOUS epidemiol)

KARVANEK, Milan

Activities of the Chemical Society of Students of the Food
Technology Department of the Higher School of Chemical
Technology in Prague. Sbor potrav VNSChT Vol.5, pt.2:5-10
'61 [publ. '62].

1. Katedra chemie a zkouseni potravin, Vysoka skola chemicko-
technologicka, Praha.

KARVANEK, Milan, dr.; KARVANKOVA, Jana, inz.

Photometry in the extracting method of determining small quantities of manganese in biological materials. Prum potravin 14 no.5: 271-273 My '63.

1. Vysoka skola chemickotechnologicka, katedra chemie a skouseni potravin, Praha.

POKORNY, Jan; KARVANEK, Milan; SMISEK, Josef; CEPICKA, Jaroslav

Determining the iodine number of fatty acids by hypohalogenites in alkaline medium. Sbor potrav VSChT Vol.5, pt.2:93-119 '61 [publ. '62].

1. Institut für Chemie und Untersuchung von Lebensmitteln, Fakultät für Lebensmitteltechnologie, Chemisch-Technologische Hochschule, Prag.

KARVANEK, Milan, dr.; KARVANKOVA, Jana, inz.

Photometry in the extracting method of determining small quantities of manganese in biological materials. Prum potravin 14 no.5: 271-273 My '63.

1. Vysoka skola chemickotechnologicka, katedra chemie a zkouseni potravin, Praha.

KARVAS, M.

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : Organic Chemistry. Natural Substances and Their Synthetic Analogs
 ABS. JOUR. : RZKhim., No. 1 1960, No. 1362
 AUTHOR : Babar, K.; Jozo, I.; Kalas, V.; Karvas, M.
 INST. : -
 TITLE : Synthesis of Some Alkaloid Derivatives. XVI.

ORIG. PUB. : Chem. zvesti, 1959, 13, No 3, 163-169

ABSTRACT : The synthesis of 1-methylpyrrolisidine derivatives was carried out, during which the stage of ring closure was effected under conditions approximating physiological ones. The realization of the synthesis appeared to verify Schöpf's hypothesis (Schöpf, G., Angew. Chemie, 1949, 61, 32) regarding the biogenesis of alkaloids from substances of the general formula $\text{CHO}(\text{CH}_2)_x\text{NH}(\text{CH}_2)_x\text{CHO}$; the correctness of this hypothesis

CARD: 1/6

G-45

CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No. 1362
 AUTHOR :
 INST. :
 TITLE :

ORIG. PUB. :

ABSTRACT : was demonstrated for the case where $x = 3$. By the condensation of $\text{Cl}(\text{CH}_2)_3\text{CH}(\text{OC}_2\text{H}_5)_2$ (Ia) with $\text{NH}_2(\text{CH}_2)_3\text{CH}(\text{OC}_2\text{H}_5)_3$ (Ib), γ, γ' -bis-(diethoxymethyl)-di-n-propylamine (II), cyclized in a citrated buffer solution at $\text{pH} \sim 4.2$ to 1-tercylpyrrolisidine (III), was synthesized; the latter was reduced to (\pm) -1-oxymethylpyrrolisidine (IV). It was demonstrated that, at

CARD: 2/6

Karvas, Milan

PERSONNEL

1945-1946 Czechoslovakia

1946-1948 Czechoslovakia

1948-1950 Czechoslovakia

1950-1951 Bratislava, Pravda, No 7, Jul 60, p 513

1951-1952

1952-1953 Bratislava, Pravda, No 7, Jul 60, p 513

1953-1954 Bratislava, Pravda, No 7, Jul 60, p 513

1954-1955 Bratislava, Pravda, No 7, Jul 60, p 513

1955-1956 Bratislava, Pravda, No 7, Jul 60, p 513

1956-1957 Bratislava, Pravda, No 7, Jul 60, p 513

1957-1958 Bratislava, Pravda, No 7, Jul 60, p 513

1958-1959 Bratislava, Pravda, No 7, Jul 60, p 513

1959-1960 Bratislava, Pravda, No 7, Jul 60, p 513

Bek

BABOR, Karel, inz., C.Sc.; JEZO, Ivan, dr., inz., C.Sc.; KALAC, Vladimir, inz.,
C.Sc.; KARVAS, Milan, inz.; TIHLARIK, Karel, inz.

Synthesis of certain alkaloid derivatives. Part 20. Chem zvesti 15 no.10:
721-724 0 '61.

1. Oddelenie chemie prirodnych latek Chemickeho ustavu Slovenskej
akademie vied, Bratislava. Auhots' address: Bratislava, Mlynske nivy
37, Chemicky ustav Slovenskej akademie vied.

KARVAS, P.

Victorious army behind Berlin. p. 13.
(LUDOVY ROZHLAS., Vol. 9, no. 19, Apr. 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2 #8, Library of Congress,
August 1953, Uncl.

KARVASARSKIY, B. D. Card Med Sci -- (diag) "Headaches During Neuroses
(certain Questions of the clinical, Etiopathogenesis, Pathophysiology
and Therapy)," Leningrad, 1960, 16 pp, 300 copies (Leningrad State
Institute for the Advanced Training of Physicians in S. M. Kirov)
(KL, 49/60, 128)

Karvatskaya M. A.

AUTHORS: Popov, K.P. and Karvatskaya, M.A.

68-58-2-9/21

TITLE: On Increasing the Recovery of Pyridine Bases (Ob
uvelichenii vyrabotki piridinovykh osnovaniy)

PERIODICAL: Koks i Khimiya, 1958, Nr 2, pp 41 - 43 (USSR)

ABSTRACT: An investigation of the operation of the pyridine recovery plant on the Zaporozh'ye Coke Oven Works was carried out. Various operational practices were tried. As a result optimum operating conditions were established: temperature of the bath, 55 - 60 °C, acidity of mother liquor 5 - 7%, concentration of pyridine bases 8 - 11 g/litre. Under these conditions, an average output of pyridine bases of 7 kg per ton of sulphate was obtained. Continuous treatment of the mother liquor from the same saturator is permissible as no decrease in the concentration of bases in the mother liquor takes place. A high acidity of mother liquor (8%) is harmful as the absorption of pyridine bases is not improved while the quality of ammonium sulphate deteriorates. There are 5 tables.

ASSOCIATION: Zaporozhskiy koksokhimicheskiy zavod (Zaporozh'ye
Coke Oven Works)

AVAILABLE: Library of Congress
Card1/1 1. Pyridines-Recovery 2. Pyridine recovery plant-
Operation

KARVATSKIY, B. L.

Avtotormoza (Automatic Brakes- RR Train), Moscow, 1948.

MATROSOV, I.K., laureat Stalinskoy premii; YEGORCHENKO, V.F.; KARVATSKIY,
B.L.; AGAFONOV, M.I.; KRYLOV, V.I.; PEROV, A.N.; KRUTITSKIY,
V.F.; SUYAZOV, I.G.; TIKHONOV, P.S., red.; KHITROV, P.A., tekhn.red.

[Automatic brakes; installation, operation, maintenance, and
repair] Avtotormoza; ustroistvo, upravlenie, obsluzhivanie i
remont. Izd.4., ispr. i dop. Moskva, Gos.transp.zhel-dor.izd-vo,
1951. 253 p. (MIRA 12:11)

(Brakes)

KARVATSKIY, B. L. (Prof.)

Avtomaticheskie Tormoia (Automatic Brakes), 270 p., Moscow, 1951.

KARVATSKIY, B.L.

BARANOV, A.F., redaktor; RUDOY, E.F., redaktor; SOLOGUBOV, V.N., kandidat
tekhnikeskikh nauk, otvetstvennyy redaktor toma; ALBEGOV, N.A.,
kandidat tekhnikeskikh nauk; VASIL'YEV, B.K., inzhener; VERSHINSKIY,
S.V., kandidat tekhnikeskikh nauk; VINOGRADOV, G.P., kandidat tekh-
nikeskikh nauk; VINOKUROV, M.V., professor, doktor tekhnikeskikh
nauk; GOLOVANOV, V.G., kandidat tekhnikeskikh nauk; GORBUNOV, A.S.,
dotsent, kandidat tekhnikeskikh nauk; GURSKIY, P.A., dotsent, kandidat
tekhnikeskikh nauk; GUREVICH, A.N., kandidat tekhnikeskikh nauk;
DOMBROVSKIY, A.B., dotsent; YEGORCHENKO, V.F., professor, doktor tekh-
nikeskikh nauk; IVANOV, V.N., professor, doktor tekhnikeskikh nauk;
KARVATSKIY, B.L., professor, doktor tekhnikeskikh nauk; KOROLEV, K.P.
professor, doktor tekhnikeskikh nauk; MUCHKIN, I.N., kandidat tekh-
nikeskikh nauk; POPOV, G.V., inzhener; PROSKURNEV, P.G. inzhener; SAFON-
TSEV, K.A., izhener; SEMICHASTNOV, I.F. dotsent, kandidat tekhnikeskikh
nauk; SLOMYANSKIY, A.V., dotsent, kandidat tekhnikeskikh nauk; STEPANOV,
A.D., dotsent, kandidat tekhnikeskikh nauk; SYROMYATNIKOV, S.P., akade-
mik[deceased]; TERNOVSKIY, V.A., dotsent; kandidat tekhnikeskikh nauk;
TRUBETSKOY, V.A., kandidat tekhnikeskikh nauk, KHOKHLOV, N.F., kandi-
dat tekhnikeskikh nauk; SHARONIN, V.S., kandidat tekhnikeskikh nauk;
SHLYKOV, Yu.P., dotsent, kandidat tekhnikeskikh nauk; YEVTUSHENKO, A.M.
kandidat tekhnikeskikh nauk, retsenzent; IVANOV, V.N., professor, doktor
tekhnikeskikh nauk, retsenzent; PANOV, N.I., dotsent, kandidat tekhni-
cheskikh nauk, retsenzent; SLOMYANSKIY, A.V., dotsent, kandidat tekhni-
cheskikh nauk, retsenzent; UTYANSKIY, L.I., inzhener, retsenzent;
NETYKSA, V.M., professor, doktor tekhnikeskikh nauk, retsenzent;

(Continued on next card)

BARANOV, A.F., -- (Continued) Card 2.

TOPORNIN, G.S., inzhener, retsenzent; DOMBROVSKIY, A.B., dotsent; retsenzent; POYDO, A.A., kandidat tekhnicheskikh nauk, retsenzent; YAKOBSON, P.Ye., laureat Stalinskoy premii; dotsent; kandidat tekhnicheskikh nauk, retsenzent; POPOV, A.A., professor, doktor tekhnicheskikh nauk, retsenzent; PROSKURNEV, P.G., inzhener, retsenzent; SAFONTSEV, K.A., inzhener, retsenzent; SERAFIMOVICH, V.S., kandidat tekhnicheskikh nauk; retsenzent; TRAVIN, P.I., inzhener, retsenzent; FOKIN, K.F., kandidat tekhnicheskikh nauk, retsenzent; SHCHERBAKOV, V.P., inzhener, retsenzent; SHADUR, L.A., dotsent; kandidat tekhnicheskikh nauk, retsenzent; TIKHONOV, P.S., inzhener retsenzent; TKACHENKO, F.D., inzhener; retsenzent; BABICHKOV, A.M. professor, doktor tekhnicheskikh nauk, retsenzent; KOROSTYLEV, A.I. inzhener, retsenzent; LEVITSKIY, V.S., dotsent; kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; SOLOGUBOV, V.N. redaktor; SHISHKIN, K.A., redaktor; SLOMYANSKIY, A.V. redaktor; SALENKO, S.V., redaktor; YUDZON, D.M. tekhnicheskii redaktor.

[Technical reference book for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Redaktsionnaya kollegiya: A. F. Baranov, i dr. Glav.redaktor. E. F. Rudoi. Moskva, Gos.transp.zhel-dor.izd-vo. Vol. 6 [Rolling stock] Podvizhnoi sostav. 1952. 955 p. (MLRA 8:9) (Railroads--Rolling-stock)

KARVATSKIY, B.L., professor, doktor tekhnicheskikh nauk; BRAYLOVSKIY, N.G.,
inzhener, redaktor; PONOMAREV, A.N., inzhener, redaktor; YUDZON,
D.M., tekhnicheskii redaktor

[Automatic braking systems] Avtomaticheskie tormoza. 2 izd. Moskva,
Gos. transp. zhel-dor. izd-vo, 1953. 241 p. (MLRA 7:10)
(Railroads--Brakes)

KARVATSKIY, Bronislav Lyudvigovich, professor; KAZARINOV, Valentin Makarovich, professor; OZOLIN, A.K., inzhener, redaktor; YUDZON, D.M.,
tehnicheskiy redaktor

[Automobile brakes] Avtotormosa. Moskva, Gos. transp.zhel-dor. izd-
vo, 1956. 287 p. (MIRA 9:11)
(Automobiles--Brakes)

KAZARINOV, Valentin Makarovich, doktor tekhn. nauk, prof.; KARVATSKIY, Bronislav Lyudvigovich, doktor tekhn. nauk, prof.; YASENTSEV, V.F., kand. tekhn. nauk; KARMINSKIY, D.E., prof., retsenzent; BOROVSKIY, G.M., kand. tekhn. nauk, retsenzent; KLYKOV, Ye.V., kand. tekhn. nauk, red.; KHITROV, P.A., tekhn. red.

[Designing and testing automatic brakes] Raschet i issledovanie avto-tormozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 231 p. (MIRA 14:8)
(Railroads—Brakes)

L 34815-65 ENT(1)/EWA(h) Feb
ACCESSION NR: AP5007466

S/0286/65/000/004/0084/0084

AUTHORS: Chavchanidze, V. V.; Shekriladze, V. I.; Chkheidze, M. V.; Karumidze, G. V.; Georgadze, A. Kh.; Sharashidze, A. D.

TITLE: Random pulse sequence generator. Class 42, No. 168525

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 84

TOPIC TAGS: pulse generator 25

ABSTRACT: This Author Certificate presents a random pulse sequence generator containing a noise generator, pulse shaper, and coincidence circuit. To extend the variation region of probability of pulse occurrence at the generator output and to control the probability, the generator contains a noise voltage limiter with an adjustable limiter threshold. The limiter output is connected through the pulse shaper to one input of the coincidence circuit (see Fig. 1 on the Enclosure). The coincidence circuit output is connected to a shaper-extender to exclude input pulses supplied through the shaper-extender to the other input of the coincidence circuit. Orig. art. has: 1 diagram.

ASSOCIATION: Institut kibernetiki, AN Gruzinskoy SSR (Cybernetics Institute, AN Georgian SSR)

KARVANEK, Milan

Determining the content of copper, iron, nickel, and manganese in rape seeds. Prum potravín 15 no. 6:282-283 Je '64.

1. Chair of Food Chemistry and Testing, Higher School of Chemical Technology, Prague.

KARVASARSKIY, B.D.

Pathophysiological mechanisms of headache in neuroses. Trudy Gos.
nauch.-issl.inst.psikh. 27:333-339 '61. (MIRA 15:10)

1. Leningradskiy gosudarstvennyy nauchno-issledovatel'skiy psikho-
nevrologicheskiy institut imeni V.M.Bekhtereva. Dir. - chlen-
korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N.
Myasishchev. Klinika nevrozov i pogramichnykh sostoyaniy. Nauchnyy
rukovoditel' - chlen-korrespondent Akademii pedagogicheskikh nauk
RSFSR prof. V.N.Myasishchev.
(HEADACHE) (NEUROSES)

KEDROV, V.V.; KARVATSKIY, M.B.; MOROZOV, N.I.

[Equipment for measuring deformations by wire strain gauges].
Apparatura dlia izmereniia deformatsii s pomoshch'iu provolochnykh
tenzodatchikov. Moskva, Gos. izd-vo obor. promyshl. 1957. 42 p.
(Moscow. Tsentral'nyi aero-gidrodinamicheskii institut. Trudy,
no. 698).

(MIRA 11:7)

(Strain gauges)

(Deformations(Mechanics)--Measurement)

KARVATSKIY, S.B., inzh.

Code interlocking systems (SKTs-TsNII) for large stations.
Avtom. telem. i sviaz' 8 no.2:4-9 F '64. (MIRA 17:6)

KARVETSKIY, A.V.; SIGEL', M.G.; KULICHKIN, A.V.; DEMIN, A.M.; RYZHOVA,
V.K.; FEDER, R.M.; MAKAROVA, T.L.; MEYER, R.A.; STEPANOVA, V.P.;
SKURATOV, A.D., red.; KHAUSTOVA, A.K., tekhn. red.

[Economy of Ul'ianovsk Province; statistical collection] Narodnoe
khoziaistvo Ul'ianovskoi oblasti; ~~statisticheskii~~ sbornik. Ul'ia-
novsk, 1961. 271 p. (MIRA 15:5)

1. Ulyanovsk (Province) Statisticheskoye upravleniye. 2. Nachal'nik
Statisticheskogo Upravleniya Ul'yanovskoy oblasti (for Skuratov).
(Ul'ianovsk Province--Statistics)

KARVITSKIY, M.P.; KUNITSKIY, L.S.; CHAKHVADZE, G.Z.; SHUL'GINA, V.P.

Methods for determining the granulometric composition of gypsum-treated soils. Trudy SANIIRI no. 98:43-46 '59. (MIRA 14:1)
(Soil mechanics)

KARVATSKIY, Sigmund Bronislavovich; STROGANOV, L.P. inzhener, redaktor;
KHITROV, P.A., tekhnicheskiy redaktor.

[Remote control by control signaling central and block systems]
Teleupravlenie ustroystvami STsB. Moskva, Gos.transp.zhel-dor.
izd-vo, 1957. 255 p. (MLRA 10:6)
(Railroads--Signaling) (Remote control)

BOYKEVICH, Mikhail Ivanovich; KARVATSKIY, S.B., inzh., retsenzent; FESENKO, I.A., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; KHITROV, P.A., tekhn. red.

[Reception and checking-out of centralized traffic control devices; experience of communication workers of the Stalin Railroad] Priemka i regulirovka ustroystv dispetcherskoi tsentralizatsii; opyt kollektiva svyazistov Stalinskoi dorogi. Moskva, Vses. izdatel'sko poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p. (MIRA 14:7)
(Railroads--Signalin--Centralized traffic control)
(Railroads--Electronic equipment)

KARVATSKIY, S.B.; KHASNIKOV, M.P.; SOBOLEV, V.Ya.[deceased];
TERPUGOV, G.A.; FILIPPOVA, L.S., red.; USENKO, L.A., tekhn.
red.

[New systems of coded interlocking] Novye sistemy kodovoi
tsentralizatsii. Moskva, Vses.izdatel'sko-poligr. ob"edinenie
M-va putei soobshcheniia, 1961. 30 p. (MIRA 15:1)
(Railroads--Signaling--Intelocking systems)

YEGORENKOV, N.G., inzh.; KARVATSKIY, S.B., inzh.; PENKIN, N.F., kand.tekhn.
nauk; SOBOLEV, V.Ya., kand.tekhn.nauk; TERPUGOV, G.A., inzh.;
PETUSHKOVA, I.K., inzh.,red.; BOBROVA, Ye.N., tekhn.red.

[ChDTs-TsNII system frequency-operated centralized traffic control]
Chastotnaia dispetcherskaia tsentralizatsiia sistemy ChDTs-TsNII.
Moskva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobsh-
cheniia, 1961. 174 p. (Moscow. Moskovskii institut inzhenerov
zheleznodorozhnogo transporta. Trudy, no.210.) (MIRA 14:7)
(Railroads--Signaling--Centralized traffic control)

KARVATSKIY, S.B., inzh.; TERPUGOV, G.A., inzh.

RPK-2 code-relay interlocking system. Avtom., telem. i sviaz'
5 no.6:5-9 Je '61. (MIRA 14:9)
(Railroads--Signaling--Interlocking systems)

YEGORENKOV, Nikolay Gerasimovich, inzh.; KARVATSKIY, S.B., inzh.;
TERPUGOV, G.A., inzh.; MARENKOVA, G.I., inzh., red.;
VOROTNIKOVA, L.F., tekhn. red.

[Frequency-type ChDTs-TsNII centralized traffic control
system] Chastotnaia dispetcherskaia tsentralizatsiia
ChDTs-TsNII. Moskva, Transzheldorizdat, 1963. 178 p.
(MIRA 16:6)
(Railroads--Signaling--Centralized traffic control)

KARVATSKIY, S.B.; KRASNIKOV, M.P.; TERPUGOV, G.A.; SUKHOPRUDSKIY,
N.D., kand. tekhn.nauk, retsenzent; PETUSHKOVA, I.K.,
inzh., red.; DROZDOVA, N.D., tekhn. red.

[SKTs-62 code interlocking system] Kodovaya tsentralizatsiia
sistemy SKTs-62. Moskva, Transzheldorizdat, 1963. 30 p.
(MIRA 16:10)

(Railroads--Signaling--Interlocking systems)

KARVATSKIY, S.B., inzh.

Code interlocking systems (SKTs-TsNII) for large stations.
Avtom. telem. i sviaz' 8 no. 3:13-17 Mr '64. (MIRA 17:5)

KARVATSKIY, S.B., inzh.

Transformer chain for the transmission of mechanical remote
control signals. Vest. TSNII MPS 2} no.4:43-47 '64.

(MIRA 17:8)

PEREBOROV, Aleksandr Sergeyeovich, kand. tekhn. nauk; SEDOV,
Vikt Nikolayevich, kand. tekhn. nauk; RATNIKOV,
Vladimir Dmitriyevich, inzh.; KARVATSKIY, S.B., kand.
tekhn. nauk, retsenzent; GLUZMAN, I.S., red.

[Remote control of switches and signals] Teleupravlenie
strelkami i signalami. Moskva, Transport, 1965. 383 p.
(MIRA 18:8)

GYOKOS, Imre; KOVACS, Jolan; KARVAZY, Dezso

New method for planning the costs of machine building. Magy
ep ipar 12 no.9:425-430 '63.

85-58-7-22/45

AUTHOR: Karvelis, B., Designer-Constructor (Kaunas)

TITLE: BK-4 "Kaunas" Glider (Planer BK-4 "Kaunas")

PERIODICAL: Kryl'ya rodiny, 1958, Nr 7, p 16 (USSR)

ABSTRACT: The author describes his BK-4 single-seater record-setting wooden monoplane, built for soaring in ascending thermal currents. Its safety factor equals 9. The trapezoidal wing with rounded tips has a main spar and second auxiliary spar for the wing-center plane attachment and for the support of the ailerons. The main-spar fitting is connected with the wing-center plane by two tapered bolts. The fore part of the wing is covered with plywood .1 to 2 mm. thick which extends to the main spar. The ailerons, consisting of 2 parts, extend along the entire span of the wing and are attached by hinges. The aileron control consists of a system of cables, brackets and horns. Slots at the wing tips are permanent auxiliary wings; each wing has 10 slots and 2 air brakes made of 900 x 100 x 2.5-mm. aluminum alloy plates. These slots prevent stalling of the wing even at critical angles of attack.

Card 1/3

BK-4 "Kaunas" Glider

85-58-7-22/45

The "monocoque"-shaped fuselage consists of four longerons and formers covered by plywood 1.5 to 2 mm. thick. The aft end of the fuselage has a vertical fin. The elevator is placed in front of the rudder. The stabilizer is fixed to the fuselage by a small wing-center panel. The cockpit is made of organic glass. The instrument panel is equipped with 6 devices. The glider has 3 hooks: (1) for catapult starts; (2) for towing by plane and (3) for automobile-towed starts. All three hooks are controlled by one lever and operate simultaneously. On reaching angles that exceed 45° during automobile-towed starts, the hook opens automatically. The glider proved satisfactory in practice and Kaunas glider pilots made many successful flights in it. The author states he has already begun work on a new record-setting BK-5 glider which theoretically will give a lift-drag ratio not lower than 33. The following data is provided on the BK-4 glider: length - 6.55 m.; height - 0.97 m.; wing span - 14 m.; wing area - 13.2 m.²; empty weight - 190 kg.; flight weight - 290 kg.; aileron area - 2.9 m.²;

Card 2/3

-4 "Kaunas" Glider

85-58-7-22/45

stabilizer and elevator - 1.67 m.²; vertical fin and rudder - 0.87 m.²; wing mean cross-section area - 0.38 m.²; minimum speed - 50 km/hr.; lift-drag ratio - 26; minimum descent speed - 0.75 m./sec. There are 13 photographs and a large cutaway sketch on three pages of the insert following page 16 showing the various parts of the glider.

Card 3/3 1. Gliders--Characteristics

SKURATOV, A.D., red.. V redaktirovani priniimali uchastiye: SHKATOV, K.K.;
FEDOROVA, M.A.; OVCHINNIKOV, A.I.; SIZOVA, A.I.; SIGEL', M.G.;
KARVETSKIY, A.V.; KULICHKIN, A.V.; NIKOLAYEVA, Z.A.; STEPANOVA,
V.P.; RYZHOVA, V.K.; MUZHIKOVA, V.N.. YEREMIN, N.I., red.;
KHAKHAM, Ya.M., tekhn.red.

[Economy of Ul'yanovsk Province; a concise statistical manual]
Narodnoe khoziaistvo Ul'ianovskoi oblasti; kratkii statisticheski
sbornik. Ul'ianovskoe knizhnoe izd-vo, 1958. 199 p. (MIRA 12:3)

1. Ulyanovsk (Province). Oblastnoye statisticheskoye upravleniye.
2. Nachal'nik Statisticheskogo upravleniya Ul'yanovskoy oblasti
(for Skuratov).

(Ul'yanovsk Province--Statistics)

KARVETSKIY, V. V.

Windbreaks, Shelterbelts, etc.

Care of shelterbelts. Les i step' 14 no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

KARVITSKIY, M.P., inzh.; SHAMRAY, L.N., inzh.

Use of bentonite clays in the construction of seepage preventing facings
in irrigation canals. Gidr.i mel. 13 no.7:29-34 JI '61.

(MIRA 14:7)

1. Sredazgiprovodkhlopok.

(Irrigation canals and flumes) (Bentonite) (Seepage)

DAUROVA, T.T.; KARVONIDI, P.G.

Enzymatic function of the small intestine following gastrectomy. Lab.
delo 5 no.5:13-16 S-0 '59. (MIRA 12:12)

1. Iz klinicheskoy laboratorii (zav. Ye.A. Khrushcheva) Instituta
khirurgii imeni A.V. Vishnevskogo AMN SSSR, Moskva.
(INTESTINES) (STOMACH--SURGERY)

KARVONIDI, P.G.; SELEZNEVA, L.T.

Secretary function of a section of the small intestine removed for antethoracal plastic surgery by the Roux-Gertzen method. Lab.delo 5 no.5:16-17 S-0 '59. (MIRA 12:12)

1. Iz klinicheskoy laboratorii (zav. Ye.A. Khrushcheva) Instituta khirurgii imeni A.V. Vishnevskogo AMN SSSR, Moskva.
(INTESTINES--TRANSPLANTATION) (SURGERY, PLASTIC)

KARVOVSKIY, G. A. (Engr)

"The Design of Plug Busbar Conductors," Electrical Installation Trust for the Central Region, Ministry of Construction of Heavy Industry Enterprises. A paper read at the conference on New Designs for Busbar Conductors, Elektrichestvo, No.4, pp 88,89, 1950

Abstract W-23653, 23 Aug 52

KARVOVSKIY, Georgiy Antonovich; OKOROKOV, Sergey Petrovich; BOL'SHAM,
~~Ya.M., FREDKIN, L.M.,~~ tekhn. red.

[Handbook on asynchronous motors and start-regulating equipment]
Spravochnik po asinkhronnym dvigateliam i puskoreguliruiushchei
apparature. Moskva, Gosenergoizdat, 1962. 207 p. (MIRA 15:9)
(Electric motors, Induction--Handbooks, manuals, etc.)
(Electric motors--Starting devices)

ANASTASIYEV, P.I.; BROSTREY, A.A.; VESHENEVSKIY, S.N.; GEL'MAN, G.A.;
GORNSHTEYN, L.A.; ZIMENKOV, M.G.; KARVOVSKIY, G.A.;
KIBLITSKIY, V.A.; KLEYN, P.N.; KLEMIKSEYEV, V.M.; KLYUYEV,
S.A.; KNORRING, G.M.; KORENEVSKIY, A.N.; LEYBZON, Ya.I.;
LIVSHITS, D.S.; LIGERMAN, I.I.; LOGINOV, O.I.; MILICH, M.B.;
NAYFEL'D, M.R.; OKOROKOV, S.P.; POLYAK, A.B.; ROYZEN, S.S.;
RYABOV, M.S.; SINITSYN, O.A.; SOLODUKHO, Ya.Yu.; SOSKIN, E.A.;
STASYUK, V.N.; BOL'SHAM, Ya.M., red.; GRACHEV, V.A., red.;
SAMOVER, M.L., red.; BORICHEV, I. Ye., red.; DANILENKO, A.I.,
red.; KHRAMUSHIN, A.M., red.; YAKUBOVSKIY, F.B., red.;
BRENDENBURGSKAYA, E.Ya., red.; KOMAR, M.A., red.; BORUNOV,
N.I., tekhn. red.

[Handbook on electrical systems of industrial enterprises
in four volumes] Spravochnik po elektroustanovkam promyshlen-
nykh predpriatii v chetyrekh tomakh. Pod obshchei red. I.E.
Boricheva i dr. Moskva, Gosenergoizdat. Vol.1. [Design of
electrical systems of industrial enterprises in two parts]
Proektirovanie elektroustanovok promyshlennykh predpriatii
v dvukh chastiakh. Pt.2. Pod red. I.A.M.Bol'shama i dr.
1963. 598 p. (MIRA 17:3)

ACC NR: AP7002235

SOURCE CODE: UR/0280/66/000/006/0013/0016

AUTHOR: Karvovskiy, G. S. ^(Moscow); Kuznetsov, A. D. ^(Moscow)

ORG: none

TITLE: The maximum principle in the theory of differential N-person games

SOURCE: AN SSSR: Izvestiya. Tekhnicheskaya kibernetika, no. 6, 1966, 13-16

TOPIC TAGS: maximum principle, game theory, algorithm, linear differential equation, economic organization

ABSTRACT: The necessary conditions of the optimality of strategies in a differential N-person fixed-time game are formulated on the basis of the maximum principle of Pontryagin et al. (Pontryagin, L. S.; et al. Matematicheskaya teoriya optimal'nykh protsessov. Fizmatgiz, 1961). The existence of a unique solution satisfying the maximum principle is proved for a N-person linear differential game. It is shown that the pertinent algorithm for finding optimal strategies solves simultaneously also the problem of synthesis, i. e. makes it possible to determine the optimal strategies as a function of the initial conditions of the differential N-person game. A game of this kind may be interpreted as the production process of N econo-

Card 1/2

ACC NR: AP7002235

mic associations functioning within the framework of a certain system. The ultimate goal of each association is the maximization of some indicator of performance (e.g. profits) as determined with respect to a finite set of states of the overall system, in the presence of disjoint regions of permissible economic strategies of the associations. If all the associations but one adhere to their optimal economic strategies, only the indicator of performance of the association deviating from the optimum may decrease. Orig. art. has: 21 formulas.

SUB CODE: 12,05/

SUBM DATE: 15Jul65/ ORIG REF: 001

Card 2/2

KARVYALIS, N. V.

Cand Chem Sci - (diss) "Study of thermochemical properties of zinc phosphide." Vil'nyus, 1961. 12 pp with diagrams; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ imeni V. Kapsukas); 250 copies; price not given; (KL, 6-61 sup, 198)

KARWACKA, Jadwiga

New principles concerning employment of graduates of universities
and colleges. Pt.1. Praca zabeap spol 6 no.9:33-38 S '64.

KARLACKA, Jadwiga

New principles of employing university graduates. Pt.2. Praca
zabezp spol 6 no.10:30-38 0 '64.

KARWACKI, A.

Under the banner of May Day. p. 161

From the experience of the District Administration of Mechanization in
Krakow-Plaszow. p. 180 PRZEGLAD KOLEJOWY (Wydawnictwa Komunikacyjne)
Warszawa. Vol. 7, no. 5, May 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955

KARWAN, Tadeusz, dr inż.

Mechanism and kinetics of metallic copper formation in the
process of Cu_2S oxidation. Rudy i metale 10 no.1:3-11 Ja '65.

KARWANSKI, Ryszard

Changed principles for granting premiums to white-collar
workers in industrial enterprises. Praca zabezp spol 5
no.12:35-38 D'63.

KARJANSKI, Ryszard

Application of premium coefficients in the distribution of the
premium fund. Praca zabezp spol 7 no.2;25-29 F '65.

GRABANIA, Jan; KARWANSKI, Ryszard

A new premium system in practice. Praca zabezp spol 7 no.4:
30-35 Ap '65.

SZMORLINSKI, Z., dr inż.; KARWACKI, W., mgr inż.

Analog methods of determining the distribution of heat and the cooling medium in the design of turbogenerators. Przegl elektrotechn 40 no.5:222-223 My '64.

1. Department of Electric Machines, Technical University, Wrocław.

KARWAT, R.

Principles and organization of control of material consumption in the building industry. p. 148, Vol. 10, no. 6, June 1955, MATERIALY BUDOWLANE

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), Vol. 4, No.9, LC, Sept. 1955, Uncl.

KARWAT, R.

Experience derived from the training in materials management. p. 61. (Budownictwo Przemyslowe, Vol. 5, No. 7/8, July/Aug 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KARWAT, R.

TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol 7, no. 7, July 1958

KARWAT, R. Control of the management of materials in building and assembling enterprises. p. 38.

Monthly List of East European Accessions (EEAI) LC, Vol 8, no. 4.
April 1959, Unclass

KARWOT, Edward, dr

Art of the Black Continent. Problemy 19 no.7:438-448 '63.

BIELICKA, Izabela; KARWOWSKA, Hanna; BOGAJEWSKA, Maria

10-year experience with a clinic for premature infants. *Pediat. pol.*
37 no.9:927-934 S '62.

1. Z Poradni dla Wczesniakow przy Zakladzie Wczesniakow Katedry
Propedeutyki Pediatrii AM w Warszawie Kierownik Zakladu: doc.
dr med. I. Bielicka.

(INFANT PREMATURE)

KARWOWSKA, JANINA

Category : POLAND/Atomic and Molecular Physics - Liquids

D-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6439

Author : Karowska, Janina

Title : Crystallization in Aged Glass (Discussion)

Orig Pub : Szklo i ceram., 1956, 7, No 6, 169-171

Abstract : No abstract

Card : 1/1

POLAND/Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binding Materials. Concrete H-13

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82417

Author : Karwowska J.

Inst : -

Title : Investigation Methods of Glass Crystallization Developed at the Glass Factory of the Institute of Glass and Ceramic Industry

Orig Pub : Szklo i ceram., 1958, 9, No 3, 60-66

Abstract : Reviewed are two groups of methods that permit the determination of the ability of glass to crystallize: 1) methods that measure the rates and the number of centers of crystallization of various glass masses at a constant temperature, and 2) methods of measuring of the above mentioned effects for one or two types of glasses simultaneously but at different temperatures. To the second group belongs the relatively simple method that employs a horizontal furnace, in which a gradual temperature gradient is attained. In

Card : 1/2

L 01915-67 T RO/JK

ACC NR: AP6035155

(A) SOURCE CODE: PO/0081/65/019/002/0216/0218

BUJNOWSKI, Zbigniew, KARNOWSKA, Krystyna; SZYMAJDA-KOLLOTO, Barbara and MASKOWSKA-IWANICKA, Danuta; Clinic of Infectious Diseases of the Medical Academy (Klinika Chorob Zakaznych AM), Bialystok, and Regional Sanitary and Epidemiologic Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna) Bialystok.

21
B

"Epidemiologic Analysis of Mass Outbreaks of Poisoning in the Territory of the Bialystok Wojewodztwo 1953 to 1963."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; p 216-218.

Abstract: Review of 59 outbreaks involving 929 patients, with hospitalization necessary for 347 of these; 9 of the latter died of the disease. The data regarding the number of outbreaks and persons involved are given for each year; causative organisms and food involved are discussed, as well as diagnostic methods. Most cases were due to home-processed meat products; occurrence was seasonal mainly May to October; only one case was due to ice cream. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists.

Krakow, 5-6 Oct 64. [JPRS]

TOPIC TAGS: epidemiology, therapeutics

SUB CODE: 06 / SUBM DATE: none

Card 1/1 big

0921 1545

L 01914-67 T RO/JK

ACC NR: AP6035160

(A) SOURCE CODE: PO/0081/65/019/002/0224/0225

JEZYNA, Czeslaw; KARWOWSKA, Krystyna; LOTECKA, Krystyna; SZPAKOWICZ, Teresa
and TOMASZKO, Helena; Clinic of Infectious Diseases of Academy of Medicine
(Klinika Chorob Zakaznych AM) and Regional Sanitation and Epidemiology Station
(Wojewodzka Stacja Sanitarno-Epidemiologiczna), Bialystok

23
B

"Causative Agents and Clinical Patterns of Bacterial Food Poisoning."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; pp 224-225.

Abstract: Data on 217 patients with food poisoning treated 1961 to 1963; ages were 10 to 70, mostly 21-40 (114 persons). Ice cream was responsible in 10, canned or prepared fish in 24, mushrooms in 24. Of 217 fecal specimens tested bacteriologically, 20 were positive; of 110 gastric contents specimens, 42 were positive. The most frequent bacteria involved were Staphylococcus aureus (18 cases), Escherichia coli in 20, Streptococcus hemolyticus 9, Salmonella typhimurium in 7. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists, Krakow, 5-6 Oct 64.

Orig. art. has: 1 table. [JPRS]

TOPIC TAGS: bacteria, bacteriology, bacterial disease, digestive system disease

SUB CODE: 06 / SUBM DATE: none

Card 1/1 blg

0921 1550

KARWOWSKA, Krystyna

Diagnostic significance of Jirgl's reaction in the differential diagnosis of infectious hepatitis. Pol. arch. med. wewnet. 34 no.2:147-152 '64.

1. Z I Kliniki Chorob Zakaznych AM w Hialymstoku; kierownik: doc.dr.med. P.Borow.

*

L 20281-63 EPF(n)-2/ENP(q)/ENT(m)/BDS/T-2/ES(s)-2/ES(w)-2 AEDC/
AFFTC/ASD/ESD-3/AFGC/SSD Pq-4/Pab-4/Pt-4/Pu-4 JD/NH
ACCESSION NR: AP3007380 P/0015/63/000/007/0188/0189

AUTHOR: Karwowska-Nowakowska, Janina; Mazur, Grazyna

~~4~~ B

TITLE: Synthesis of glass ceramics of increased hardness by the use of noble metals as nucleating agents in heterogeneous crystallization

SOURCE: Szkló i ceramika, no. 7, 1963, 188-189

TOPIC TAGS: glass ceramics, pyroceram, aluminosilicate glass, lithium oxide, potassium oxides, sodium oxide, glass, softening point, hardness, microhardness, heat treatment, nucleation, crystallization, noble metals, platinum, silver, nucleating agent, agate substitute, steel substitute, gem substitute, production cost

ABSTRACT: The present work is a continuation of research on the development of glass ceramics with a higher softening point and hardness. A two-step heat treatment of the Li₂O-SiO₂-Na₂O-K₂O-Al₂O₃ system, with noble metals (Ag, Pt) [amounts not specified] as

27 27 27

Card 1/3

L 20281-63

ACCESSION NR: AP3007380

nucleating agents, is considered. The samples were first heated for 2 hr to the nucleation temperature and then held there for 0.5—60 hr. In the second step the temperature was increased to the crystallization temperature in 1 hr and maintained at this level for 0.5—10 hr. The samples were then cycled for about 12 hr. Dilatometric and microscopic studies of the sample showed a uniform, fine-grained structure and softening point about 400C higher than that of the noncrystalline glass. Thermal treatment resulted in maximum hardness (1113.5 kg/mm² as against 700 kg/mm² for the noncrystalline glass) for samples heated for 12 hr at the nucleation temperature and for 2 hr at the crystallization temperature. The noble metals studied were similar in behavior as nucleating agents, probably owing to the fact that they were present in colloidal form at temperatures below the softening point. Glass ceramics obtained by this process can be used as substitutes for agate, certain precious stones, and high-grade steels. The production cost is on the order of that for ruby glass. Orig. art. has: 3 figures.

Card 2/3

L 20281-63

ACCESSION NR: AP3007380

ASSOCIATION: Instytut Przemysłu Szkła i Ceramiki (Institute of
the Glass and Ceramics Industry)

SUBMITTED: 00

DATE ACQ: 30Sep63

ENCL: 00

SUB CODE: CH, MA

NO REF SOV: 000

OTHER: 000

Card 3/3

KARWOWSKA, Ludwika

Effect of insulin on blood coagulation. Polskie arch. med. wewn.
25 no.1a:167-169 1955.

1. Z III. klin. chor. wewn. A.M. w Warszawie; kier. prof. dr. med.
J.Wegierko.

(BLOOD COAGULATION, effect of drugs on
insulin)

(INSULIN, effects
on blood coagulation)

KODIJSZKO, Eugeniusz; KARWOWSKA, Ludwika; OKNINSKI, Wladyslaw

Clinical experience with the new oral drugs in diabetes. Polski tygod.
lek. 13 no.5:164-168 3 Feb 58.

1. Z III Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie,
kierownik: prof. dr med. Jakub Wegierko.

(ANTIDIABETICS, ther. use
carbutamide & tolbutamide (Pol))

KARWOWSKA-STAUWER, Ludwika; KRZESKI, Tadeusz

Functional bladder disorders during diabetes. Polski tygod. lek. 14
no.5:233-236 2 Feb 59.

1. (Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:
prof. dr med. E. Kodejszko i z Kliniki Urologicznej A.M. w Warszawie;
kierownik: prof. dr med. S. Wesolowski) Adres: Warszawa, ul. Oczki
6. III Kl. Chor. Wewn. Ak. Med.

(DIABETES MELLITUS, compl.

neurogenic bladder during diabetic neuropathy (Pol))

(BLADDER, dis.

same)

(NERVOUS SYSTEM, dis.

diabetic neuropathy causing neurogenic bladder (Pol))

KARWOWSKA-STAUEROWA, Ludwika

The amount of glycoproteins in the blood in patients with diabetes complicated by vascular changes (angiopathia diabetica). Polskie arch.med.wewn. 30 no.7:914-916 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr med. E.Kodejsko.

(DIABETES MELLITUS blood)

(GLYCOPROTEINS blood)

(CARDIOVASCULAR DISEASES etiol)

KARWOWSKA-STAUER, Ludwika; OKNINSKI, Wladyslaw

Complications after oral therapy of diabetes. Polski tygod.lek.
16 no.4:140-141 23 Ja '61.

1. Z III Kliniki Chorob Wewnetrznych A.M. w Warszawie; kierownik:
prof. dr E.Kodejszko.
(ANTIDIABETICS toxicol)

KARWOWSKA-STAUEROWA, Ludwika; CZARTOSZEWSKI, Andrzej

Gastrointestinal hemorrhage during the course of a rare form of
Rendu-Osler disease. Polski tygod. lek. 16 no.9:341-343 27 F '61.

1. Z III Kliniki Chorob Wewnętrznych; kierownik: prof. dr E. Kodejsko
i z III Kliniki Chorob Chirurgicznych; kierownik: prof. dr J. Raesynski.

(ANGIOMATOSIS compl)
(HEMORRHAGE GASTROINTESTINAL etiol)

JOCHWEDS, Beniamin; WIGURA, Aleksander; KARWOWSKA-STAUEROWA, Ludmila

On the problem of general manifestations and reactions of the organism
in renal cancer. Polski tygod. lek. 16 no.25:955-958 19 Je '61.

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"Treatment of Diabetes with biguanide derivatives."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 1, 1 Jan 63, pp 4-9

Abstract: [Authors' English summary] *Glucophage* (dimethylbiguanide) was given to 25 patients (age 17-65) treated in the diabetic out-patient department. All the patients had to keep their diet, besides 15 of them were given insulin and 9 the sulphonylurea derivatives. Acute gastrointestinal troubles were noted in 3 cases. Good results, ie better compensation or smaller dose of insulin were achieved in 20 patients. In 10% of the cases *glucophage* was of no effect. The authors conclude that biguanide derivatives cannot be used instead of insulin. Given together with insulin especially in patients with labile diabetes or in patients with large doses of insulin, these preparations are helpful in achieving better compensation.

This article contains three tables and twenty-three references. Nineteen of the references are Polish.

1/1

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(AMPUTATION, in various diseases,
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(LEG, gangrene,
amputation, Callander's method (Pol))

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amputation (Pol))