KARPATI, Zoltan (Budapest, XI., Menesi ut 44)

An account of the conference of Czechoslovak and Polish dendrologists.
Botan kozl 48 no.3/4:327-329 '60.

1. "Botanikai Kozlemenyek" szerkesztoje.

KARPATI, Zoltan, dr., a biologiai tudomanyok doktora, tanszekvezeto egyetemi tanar (Budapest)

Correlation between phytogeography and plant growing. Term tud kozl 5 no.3:109-111 Mr '61.

KARPATI, Zoltan (Budapest XI., Menesi ut 44)

In commemoration of Janos Wagner, 1870-1955. Botan kozl 49 no. 1/2:5-18 '61.

1."Botanikai Kozlemenyek" szerkesztoje.

KARPATI, Zoltan

"Hungary's flora of domesticated plants". Reviewed by Zoltan Karpati. Botan kozl 49 no.1/2:124-125 '61.

1. "Botanikai Kozlemenyek" szerkesztoje.

KARPATI, Zoltan

Some experiences with folk education in Borsod County.(II).
Term tud kozl 6 no.2:93-94 F '62.

1. ATIT Borsod megyei Szervezetenek titkara

KARPATI, Zoltan (Budapest,XI.,Menesi ut 44)

An account of the international botanical congress held on the 50th anniversary of the existence of the Czechoslovak Botanical Society, Prague, July 1-8, 1962. Botan kozl 49 no.3/4:346-348 '62.

1. "Botanikai Kozlemenyek" szerkesztoje.

KARPATI, Zoltan, dr., a biologiai tudomanyok doktora, egyetemi tanar (Budapest)

Species and subspecies. Term tud kozl 7 no.3:119-120 Mr '63.

KARPATI, Zoltan, dr., a biologiai tudomanyok doktora, egyetemi tanar (Budapest)

Botanical work of Otto Herman. Term tud kozl 7 no.7:319-320 Jl '63.

BARATH, Zoltan, tanarseged; SOO, Rezso, dr., akademikus; KARPATI, Zoltan, dr., tanszekvezeto egyetemi tanar, a biologiai tudomanyok doktora; TERPO, Andras, dr., egyetemi docens, a biologiai tudomanyok kandidatusa

Flora investigation in noncultivated vineyards. Foldrajzi ert 12 no.3:341-356 '63.

1. Kerteszeti es Szolleszeti Foiskola Novenytani Tanszeke (for Barath and Karpati).

KARPATI, Zoltan

Kerner, the founder of the modern Hungarian phytogeographic research. Botan kozl 50 no.4:197-202 D'63.

1. Magyar Biologiai Tarsasag Notanikai Szakosztalyanak elnoke; Kerteszeti es Szoleszeti Foiskola Novenytani Tanszeke, Budapest, XI., Menesi ut 44.

KARPATI, Zoltan (Budapest, XI., Menesi ut 44)

Work of the Division of Botany in retrospect. Botan Kozl 51 no.2/3:57-64 Ag '64.

1. President, Division of Botany, Hungarian Biological Society.

KARPATI, Zoltan, dr.

Some phytogeographic problems of fungi. Botanika 15 no.1:24-28 '65.

KARPATI, Zoltan

Hungarian-manufactured transistorized sets. Radiotechnika 15 no.3: 82-86 Mr '65.

KARPATI, Zoltan

Let us modernize our television sets! Radiotechnika 15 no.6: 217-219 Je '65.

MARKATI-STUR, J.; KRAMLI, A.

The connection between sorbose production and the oxidation-reduction potential in the Acetobacter Suboxydans culture.

P. 51 (BIOLOGIA KOZLEMENYEK) Budapest. Vol. 5, No. 1, 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 7, No. 11 November 1957.

HUNGARY/Microbiology. General Microbiology. Physiology F-1
and Biochemistry

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62266

Author : Karpatine Stur Judit, Kramli Andras
Inst : -
Title : The Connection Between the Formation of Sorbose and the Oxidation-reduction Potential in Cultures of Acetobacter Suboxydans.

Orig Pub : Biol. kzol., 1957, 5, No 1, 51-58

Abstract : The maximum number of cells in cultures of A. suboxydans, grown in flasks on a shaker or in metallic ferments, coincided with a minimum value of the oxidation-reduction potential (ORP). After that, the value of ORP began to increase. The accumulation of sorbose continued after the rise of ORP. This is evidence that the formation of sorbose proceeds even in old and autolyzing cultures. Variation of the normal progress

Card : 1/2

7

KARPATI, Gyorgy, dr.; OZSVATH, Imre, dr.

Our experience in the treatment of tumors of the connective tissue. Orv. hetil. 102 no.11:475-479 12 Mr '61.

1. XIV. ker. Tanacs VB Onkologiai Intezet Korhaza (igazgato foorvos: Szanto Sandor dr.) Onkoradiologiai Intezet (osztalyvezeto foorvos: Vandor Ferenc dr.) Kozponti Onkologiai Gondozointezet (vezeto foorvos: Karpati Gyorgy dr.) Budapest.

KARPAVICHENE, V. [Karpaviciene, V.], inzh.; RESHELYAUSKAS, G. [Reseliauskas, G.], kand. tekhn. nauk

Manufacture of blended wool nonwoven fabrics for outerwear. Tekst. prom. 23 no.9:19-23 S '63. (MIRA 16:10)

1. Sotrudniki Nauchno-issledovatel'skogo instituta tekstil'noy promyshlennosti Litovskoy SSR (LITNIITP).
(Nonwoven fabrics)

SIMANOVICHUS, L.E. [Simanovicius, L.]; LEVINSKENE, A.M. [Levinskiene, A.]; KARPAVICHUS, A.P. [Karpavicius, A.]

Electrodeposition of aluminum from formamide solutions. Elektrokhimiia 2 no.1:87-88 Ja '66. (MIRA 19:1)

1. Vil'nyusskiy gosudarstvennyy universitet imeni V. Kapsukasa, Litovskoy SSR. Submitted November 5, 1964.

KARPAVICHUS, K.I.; GOLUBEVA, N.Ye.; KIL'DISHEVA, O.V.; KNUNYANTS, I.L.

Cancerolytic peptides having specific action. Report No.2: p-Di-(chloroethyl)amino-D,L-phenylalanyl-D,L-valine. Izv. AN SSSR. Otd.khim.nauk no.7:1297-1299 Jl '61. (MIRA 14:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Valine)

KARPAVICHUS, K.I.; GOLUBEVA, N.Ye.; KIL'DISHEVA, O.V.; KNUNYANTS, I.L.

Cancerolytic peptides having specific action. Report No.3: N-[p-di(2-chloroethyl)-aminophenacetyl] and N-(p-di(2-chloroethyl) -aminophenylbutyl] amino acids. Izv. AN SSSR. Otd.khim.nauk no.7:1299-1303 Jl '61. (MIRA 14:7)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Amino acids)

KNUNYANTS, I.L.; GOLUBEVA, N.Ye.; KARPAVICHUS, K.I.; KIL'DISHEVA, O.V.

Cancerolytic peptides having specific action. Zhur.VKHO 7 no.2: 238 '62. (MIRA 15:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Peptides) (Cytotoxic drugs)

KNUNYANTS, I.L.; KARPAVICHUS, K.I. [Karpavicius, K.I.]; KIL'DISHEVA, O.V.

Cancerolytic peptides with specific action. Report No.4: New derivatives of sarcolysine and their use for the synthesis of peptides with different position of sarcolysisne in the peptide chain. Izv.AN SSSR.Otd.khim.nauk no.6:1024-1031 '62.
(MIRA 15:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Peptides) (Sarcolysine)

KARPAVICHUS, K.I

GOFMAN, A.; FREY, A.I.; RUTSHMANN, I.; OTT, Kh.; SHEMYAKIN, M.M.; KISHFALUDI, L.; KOCHETKOV, N.K.; DEREVITSKAYA, V.A.; PROKOF'YEV, M.A.; SHABAROVA, Z.A.; FILIPPOVA, L.A.; SHANKMAN, S.; KHAYGA, S.; LIV, F.; ROBERTS, M.Ye.; GAVRILOV, N.I.; AKIMOVA, L.N.; KHLUDOVA, M.S.; MAKSIMOV, V.I.; IZELIN, B.M.; SHEPPARD, R.K.; SHKODINSKAYA, Ye.N.; VASINA, O.S.; BERLIN, A.Ya.; SOF'INA, Z.P.; LARIONOV, L.F.; KNUNYANTS, I.L.; GOLUBEVA, N.Ye.; KARPAVICHUS, K.I.; KIL'DISHEVA, O.V.; MEDZIGRADSKIY, K.; KAFTAR, M.; LEV, M.; KORENSKI, F.; BUASSONA, R.A.; GUTTMAN, St.; KHOYGENIN, R.L.; ZHAKENO, P.A.; BAZHUS, S.; LENARD, K.; DUAL'SKI, S.; SHREDER, Ye.; SHMIKHEN, R.; KHOKHLOV, A.S.

Results of the Fourth European Symposium on the chemistry of peptides. Abstracts of reports. Zhur. VKHO 7 no.4:468-476 '62. (MIRA 15:8)

1. Aktsionernoye obshchestvo "Sandos", Bazel', Shveytsariya (for Gofman, Frey, Ott, Rutshmann). 2. Farmatsevticheskaya fabrika "G.Rikhter", Budapesht, Vengriya (for Kishfaludi, Korenski, Dualski). 3. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva (for Kochetkov, Derevitskaya, Shemyakin, Khokhlov). 4. Laboratoriya khimii belka Moskovskogo gosudarstvennogo universiteta (for Prokof'yev, Shabarova, Filippova, Gavrilov, Akimova, Khludova). 5. Fond meditsinskikh issledovaniy, Passadena, Kaliforniya, Sev.Soyed.Shtaty Ameriki (for Shankman, Khayga, Liv, Roberts). 6. Laboratoriya khimii belka Instituta organicheskoy

(Continued on next card)

Gofman, A.,—(Continued) Card 2.

khimii AN SSSR, Moskva (for Maksimov). 7. Aktsionernoye obshchestvo "TSiba", Bazel', Shveytsariya (for Izelin). 8. Liverpul'skiy universitet, Angliya (for Sheppard). 9. Institut eksperimental'noy i klinicheskoy onkolofii AMN SSSR, Moskva (for Shkodinskaya, Vasina, Berlin, Sof'ina, Larionov). 10. Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva (for Knunyants, Golubeva, Karpavichus, Kil'disheva). 11. Institut organicheskoy khimii Budapeshtskogo universiteta, Vengriya (for Medzigradskiy, Kaftar, Lev). 12. Farmatsevticheskiy otdel Aktsionernogo obshchestva "Sandos", Bazel', Shveytsariya (for Buassona, Guttman, Khoygenin, Zhakeno, Rutshmann). 13. Issledovatel'skiy institut farmatsevticheskoy promyshlennosti, Budapesht, Vengriya (for Bazhus, Lenard). 14. Aktsionernoye obshchestvo "Shering", Zapadnyy Berlin (for Shreder, Shmikhen).

(Peptides--Congresses)

KNUNYANTS, I.L.; GOLUBEVA, N.E.; KARPAVICHYUS, K.I.; KIL'DISHEVA, O.V.

Cancerolytic peptides of directed action. Coll Cz Chem 27 no.9: 2253-2254 S '62.

1. Institute of Organoelementary compounds, Academy of Sciences of the U.S.S.R., Moscow (for Golubeva and Kil'disheva).

KHOMCHENOVSKIY, Ye.I., kand. med. nauk; KARPAVICHUS, K.I., kand. khim. nauk

Present-day status of the prpblem of chemotherapy of cancer.
Zhur. VKHO 8 no.4:424-448 '63. (MIRA 16:10)

(CANCER) (CHEMOTHERAPY)

KARPAVICHYUS, P.

Isopolychrome. Sov. foto 18 no.9:34-37 S '58. (MIRA 11:10)
(Color photography)

GEPINSKIS, Jonas; dots.; KARPAVICIUTE, M., red.; CECYTE, V., tekhn. red.

"Swine breeding] Kiauliu suginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 395 p. (MIRA 15:3)

(Lithuania--Swine)

BIELIUKIENE, Sabina; KARPAVICIUTE, M., red.; BANCEVICIUS, P., tekhn. red.

[What a livestock breeder should know about vitamins] Ka reikia zinoti gyvuliu augintojui apie vitaminus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 79 p. (MIRA 15:3)

(Vitamins) (Stock and stockbreeding)

KAZLAUSKAS, Julijus; PAGIRYS, Julijus; RAUCKIS, Mijkolas; KARPAVICIUTE,M., red.; LUKOSEVICIUS, St., tekhn. red.

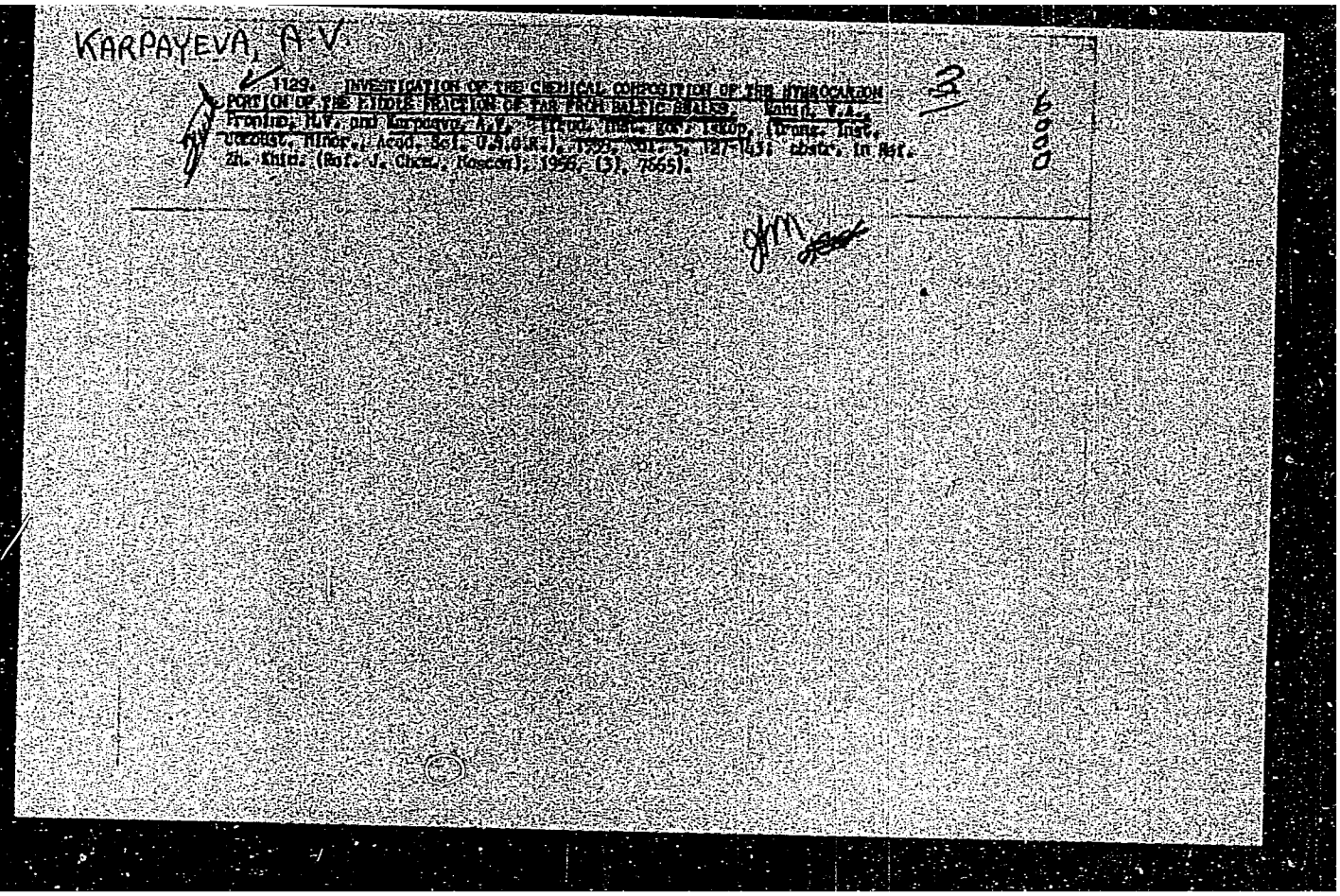
[Helminth diseases of animals and poultry] Gyvuliu ir paukscciu helmintozes. Vilnius, Valstybine polines ir mokslines literaturos leidykla, 1961. 361 p. (MIRA 15:3)
(Worms, Intestinal and parasitic)

TOME, M.F.; NOVIKOVAS, E.A.; KARPAVICIUTE, M., red.

[General zootechny] Bendroji zootechnija. Vilnius, Leidykla "Mintis," 1965. 486 p. [In Lithuanian]
(MIRA 18:6)

KARPAVICIUS, P.; PRONSKIETYTE, D., red.; VYSOMIRSKIS, C., tekhn. red.

[Practical guide to color photography] Spalvotosios fotografijos praktika. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 235 p. (MIRA 15:3)
(Color photography)



KARPAYEVA, A.V.

1129. INVESTIGATION OF THE CHEMICAL COMPOSITION OF THE HYDROCARBON PORTION OF THE FLUORINATION OF THE FROM BAKU CRUDES. Karpa, V.A., Frantsina, N.V. and Karpayeva, A.V. Trudy Inst. Goryuch. Iskopayemykh, Akad. Nauk S.S.S.R., 1955, Vol. 5, 187-193; Abstr. in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1956, (3), 7665).

L 38337-66 EWT(d) IJF(c)
ACC NR: AP6027991 SOURCE CODE: CZ/0045/66/000/001/0010/0012

AUTHOR: Karpo, Robert (Brno) 22 B

ORG: Department of Mathematics, Mechanical Engineering Faculty, Institute of Technology, Brno (Katedra matematiky, Strojna Fakulta, Vysoke uceni technicke)

TITLE: Generalization of Hermes' formula

SOURCE: Matematicko-fyzikalny casopis, no. 1, 1966, 10-12

TOPIC TAGS: combinatorial analysis, integer

ABSTRACT: The article presents a generalization of a known combinatorial relation-- see Netto, E., Lehrbuch der Combinatorik, Berlin, 1927, p. 136, formula (22)-- which has meaning when and only when its right side is an integer. [Based on author's Eng. abst.] [JPRS: 36,845]

SUB CODE: 12 / SUBM DATE: 13May64 / OTH REF: 001

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KARPE, Robert (Brno)

Visual explanation of the chapter on partial derivations of complex functions. Pokroky mat fyz astr 8 no.3:153-159 '63.

KARPECHENKO, F. T. Cand Tech Sci -- (diss) "Assignment of technical surface specification by the method of complex scanning." Mos, 1958. 14 pp (Min of Higher Education USSR. Mos Order of Lenin Aviation Inst), 110 copies (KL, 14-58, 113)

MARECHAL, L. R.

"Tetraploid Barley Obtained By High Temperature Treatment." Laboratory Of Genetics, All-Union Institute Of Crop Cultivation, Pushkin." (p. 287) by Marechal, L. R.

SO: U. S. LIBRARY OF CONGRESS/JOURNAL/BIOLOGY. (Biologicheskii Zhurnal) Vol. VII, 1938 No. 2

STASENKO, Aleksandr Ivanovich; KARPECHENKO, M.S., dotsent, kand.tekhn. nauk, otv.red.; SAGITULLINA, R.I., tekhn.red.

[Flow of a trickling liquid from a nozzle. Motion of liquids through a grating. (Second lecture in a course of hydraulics)] Istechenie kapel'noi zhidkosti iz nasadka. Dvizhenie zhidkosti v reshetke; lektsiia vtoraia po kursu gidravliki. Moskva, Ugletekhizdat, 1959. 29 p. (MIRA 13:8)
(Hydraulics)

STASENKO, Aleksandr Ivanovich; KARPECHENKO, M.S., otv.red.; SAGITULLINA, R.I., tekhn.red.

[Gas flow from a hole in a thin wall. Determination of the reaction force during the flow of gas from a hole; third lecture in a course on hydraulics] Istechenie gaza iz otverstiia v tonkoi stenke. Opredelenie reaktivnoi sily pri istechenii gaza iz otverstiia; lektsiia tret'ia po kursu gidravliki. Moskva, Ugletekhizdat, 1959. 33 p. (MIRA 13:8)
(Fluid dynamics)

KARPECHENKO, P., kandidat tekhnicheskikh nauk, dotsent; RYBAKOV, V., kandidat tekhnicheskikh nauk, dotsent.

Welded joints of precast reinforced concrete columns. Gor.i sel'.stroi. no.7:7-9 Jl '57. (MLRA 10:10)
(Precast construction construction)

KARPECHENKO, P.S., kand.tekhn. nauk; RYBAKOV, B.M., kand. tekh. nauk; SYCHEV, V.I., inzh.

Torch cutting of plain and reinforced concrete. Bet. i zhel.-bet. no.3:116-117 Mr '58. (MIRA 11:3)
(Oxyacetylene welding and cutting)

KARPECHENKO, P.S., kand.tekhn.nauk; RYBAKOV, V.M., kand.tekhn.nauk

Some problems of using welding in reinforced concrete elements. Sbor. trud. MISI no.18:110-124 '62. (MIRA 16:2)
(Precast concrete--Welding)

RYBAKOV, V.M., kand.tekhn.nauk; KARPECHENKO, P.S., kand.tekhn.nauk

The effect of technical factors of welding on the deformation of welded joints. Sbor. trud. MISI no.18:125-142 '62.
(MIRA 16:2)

(Welding)

RYBAKOV, V.M., kand.tekhn.nauk; KARPECHENKO, P.S., kand.tekhn.nauk.

Developing electrodes for the air-arc cutting of metals. Svar. proizv. no.2:33-34 F '63. (MIRA 16:2)

1. Moskovskiy inzhenerno-stroitel'nyy institut im. V.V.Kuybysheva.
(Electric metal cutting) (Electrodes)

AUTHORS: Kitaygorodskiy, I.I., Karpechenko, V.G. 72-58-6-4/19

TITLE: The Synthesis and Investigation of Some Types of Vanadium Glass (Sintez i issledovaniye nekotorykh vanadiyevykh stekol)

PERIODICAL: Steklo i Keramika, 1958, [illegible] Nr 6, pp. 8-10 (USSR)

ABSTRACT: On the 4. International Congress on Glass held in Paris (July 1956), Stanworth (Stenvort) and Rawson (Rouson) spoke about the synthesis of new types of glass obtained on the basis of oxides of the rare metals tellurium, vanadium, molybdenum, tungsten, titanium, tantalum and niobium. It must be considered a special feature of these systems that TeO_2, V_2O_5, MoO_3 and WO_3 cannot be obtained in a vitreous state, except by the addition of certain quantities of a second oxide, which may be selected either from the number of glass-forming (P_2O_5, As_2O_3, GeO_2) or from that of the modifying oxides (Na_2O, BaO, PbO etc.). The new compositions are of interest with respect to the structure of the glass as they have physical and chemical properties of practical value, viz. a particularly low electric resistance as well as some properties of semiconductors. The Chair of Technology of Glass LKhTI imeni D.I.Mendeleyev carried out research work in connection with types of glass on the

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basis of V_2O_5. On the strength of this work the ranges of glass formation in the systems V_2O_5 - P_2O_5-PbO (fig. 1) and V_2O_5-P_2O_5-WO_3 (fig. 2) were determined. The layers were composed of pure chemical reagents. All types of vanadium glass obtained are black, and their chemical stability is very low. The specific electric resistance was measured by means of the megohmmeter MOM-2 in the temperature interval of 20-200° (table 1). The dielectric constants of the types of glass were measured by means of a device of the type KV-1. The linear dilatation coefficient was measured by means of the quartz dilatometer of the Glass Institute in the temperature interval of 20-200° (fig.3 and table 2). Types of glass with a high V_2O_5 content are completely destroyed in cold water in that they form a stable solution. The highest degree of chemical stability is to be found with glass types having a high content of WO_3. Vanadium glasses are completely impervious to light for the visible part of the spectrum, but they allow infrared rays within range of a wavelength of about 4 μ to pass through them, which was found out by means of the infrared spectrometer IKS-11. The spectral curves are given in

The Synthesis and Investigation of Some Types of Vanadium Glass

72-58-6-4/19

fig. 4. It is of theoretical and practical interest to study the various types of vanadium glass, and research work concerning the properties of these types of glass ought to be continued. There are 4 figures, 2 tables, and 2 references, 0 of which are Soviet.

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva (Moscow Chemical-Technological Institute imeni D.I. Mendeleyev)

1. Vanadium glass--Synthesis 2. Vanadium glass--Analysis
3. Rare earth elements--Properties

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15(2) SOV/72-59-3-4/19

AUTHORS: Kitaygorodskiy, I. I., Bayburt, L. G., Zertsalova, I. N., Karpechenko, V. G., Faynberg, Ye. A.

TITLE: Investigation of the Possibility of Obtaining the "Vizhurit" Glass (Issledovaniye vozmozhnosti polucheniya stekla vizhurit)

PERIODICAL: Steklo i keramika, 1959, Nr 3, pp 12 - 13 (USSR)

ABSTRACT: The shatterproof glass presently manufactured has the defect of completely disintegrating into fragments, although not dangerous ones, when given a blow. It is however required in motor car traffic that on destruction of the glass at least a small part of it, the one in front of the driver's eyes, is left undamaged. In 1956 the authors of the present paper carried out investigations at the Gusevskiy zavod imeni Dzerzhinskogo (Gusev Factory imeni Dzerzhinskiy) for the purpose of obtaining a "Vizhurit" type glass, which is produced abroad by various patented processes. Experiments were made on the flat windshields of the "Moskvich" car (974 x 327 x 5.5 mm). The results obtained are shown in figures 1 and 2, but they are not regarded as satisfactory,

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as the glass, according to figure 2 burst after 10 - 15 days as a consequence of internal strains. There experiments must now be carried on. There are 2 figures.

ASSOCIATION: Gusevskiy zavod imeni Dzerzhinskogo (Gusevskiy Factory imeni Dzerzhinskiy)

KARPECHENKO, V. G.

15(2)
AUTHOR: None Given SOV/72-59-5-1/23

TITLE: Glass Science at the VIII Mendeleyev Congress
(Nauka o stekle na VIII Mendeleyevskom s"yezde)

PERIODICAL: Steklo i keramika, 1959, Nr 5, pp 1-4 (USSR)

ABSTRACT: In the beginning a proclamation of the ZaK KPSS to the personnel of the building material industries for qualitative and quantitative increase of production is mentioned. The Congress took place in Moscow in the second half of March of the current year and was devoted to the 125th anniversary of the great scholar's birthday. Outstanding chemists of the Soviet Union and the People's Democracies attended the Congress. The principal problems of the development of chemistry were discussed at the plenary meetings and the meetings of the 10 Congress sections. Professor I. I. Kitaygorodskiy opened the meetings of the sub-section for glass and gave a survey of the stages of development of Soviet glass production as well as of a number of promising tasks in the field of glass technology. Moreover, the following lectures were held: Doctor Koreni (People's Republic of Hungary) investigated the structure of the top-layers of glass;

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A. I. Avgustinik (IKI imeni Lenovet) discussed the formation of a finely disperse crystalline phase from the glass-like phase; V. V. Vargin and G. O. Karapetyan (GOI) reported on absorption spectra, luminescence and photochemical properties of cerium-glass types; A. G. Fikhav (GOI) reported on the quantitative reciprocal relations between ordered and disordered glass phases; Ye. A. Porai-Koshits, Institut khimii silikatov AN SSSR (Institute of Silicate Chemistry of the AS USSR) discussed the reasons for the disagreement on the problem of the structure of glass-like substances; Professor O. K. Botvinkin, M. I. Anmilch, and M. L. Mirgorova, Institut stekla (Glass Institute) reported on the investigation of the glass structure by the Method of Thermal Analysis and Optical Polarization; Ye. V. Poduenko (GOI) discussed the new method of electric glass melting and the melting of silicates by means of high-frequency current; Fa. G. Shteynberg reported on strontium-magnesium glass without lead and boron for faiance and majolica which have been developed in the Gosudarstvennyy nauchno-issledovatel'skiy keramicheskiy institut (State Scientific Research Institute of Ceramics); L. S. Yastrebova, and V. S. Molchanov (GOI) discussed the role played by the

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surface protection film in the destruction of silicate glasses; G. I. Yagnberg (GOI) discussed the coloring characteristics and the technology of phosphate glasses; O. V. Mamyrin (IRI) reported on the mobility of sodium ions in glass types of the system Na_2O-BO_2-SiO_2; Z. A. Kosova (FII Stroykeramika) discussed the process of subduing the glazes by lead oxide and zirconium; L. G. Melnichenko, Kharkovskiy politekhnicheskiy institut (Kharkov Polytechnic Institute) reported on silicate formation and sintering processes in the briquetted glass layer; K. K. Yeritsyan investigated various types of glass; E. E. Segeev (Glass Institute) reported on the determination of impurities in silica by spectroscopic analysis; G. S. Bogdanova, and Ye. M. Orlova (Glass Institute) reported on type of electrode glass which has been derived by them. Fa. V. Kuzyukin (Glass Institute) discussed the kinetics of the formation of crystallization centers in photosensitive types of glass; I. Z. Kritskaya (Glass Institute) discussed the results of the investigation of the tendency of phosphate system towards glass formation; L. A. Orechanik, E. L. Zaitsevykh, and V. G. Karpechenko (NIIFI) reported on the investigation of types of semiconducting oxide glass on the basis of V_2O_5; B. V. Solomin, L. A. Orechanik, I. V. Shpakova, and Ye. L. Feynberg (NIIFI) discussed the protection of composite films on types of glass which contain components easily to be regenerated.

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B004/B056

9.4300 (1035, 1138, 1143)

AUTHORS: Grechanik, L. A., Petrovykh, N. V., Karpechenko, V. G.

TITLE: Synthesis and Investigation of Vitreous Oxide Semiconductors in Systems of the Type $VO_{2.5}$ - $PO_{2.5}$ - RO_x

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 9, pp. 2131 - 2139

TEXT: On the basis of published data, part of which are given in Table 1, the authors drew the conclusion that in the case of a complex composition, more stable glasses with different semiconducting properties are obtained. In the system $VO_{2.5}$ - $PO_{2.5}$, where $VO_{2.5} > 50\%$, $PO_{2.5}$ = 0 - 50%, they substituted part of the $VO_{2.5}$ by 0 - 50% RO_x ($LiO_{0.5}$, $NaO_{0.5}$, $KO_{0.5}$, $CsO_{0.5}$, CuO, $AgO_{0.5}$, BeO, MgO, CaO, SrO, BaO, ZnO, CdO, HgO, $LaO_{1.5}$, CeO_2, $BO_{1.5}$, $AlO_{1.5}$, TiO_2, ZrO_2, SiO_2, GeO_2, SnO_2, PbO, $AsO_{1.5}$, $SbO_{1.5}$, $BiO_{1.5}$, $CrO_{1.5}$, WO_3, SeO_2, MnO_2, $FeO_{1.5}$, CoO, NiO, UO_3). For the ternary systems, the regions of glass formation are given in Fig. 1. Glasses

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Synthesis and Investigation of Vitreous Oxide Semiconductors in Systems of the Type $VO_{2.5} - PO_{2.5} - RO_x$

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S/181/60/002/009/015/036
B004/B056

with $PO_{2.5}$ = 20% and an RO_x content of 10, 20, and 30% were examined as to their technical properties. They all melted at low temperatures (800-1200°C), had a low viscosity, tended toward crystallization, and hardened quickly. An addition of $AsO_{1.5}$, WO_3, $SbO_{1.5}$ improved their properties. The coefficient of expansion was $(60 - 150)\cdot10^{-7}$ deg^{-1}, the softening temperature was between 250 and 350°C, the elastic modulus was $(3.9 - 5.4)\cdot10^{-5}$ kg/cm^2. The glasses that were non-tranparent in visible light were transparent to infrared within the region of 2 - 5 μ with a maximum at 4 μ (Fig. 2). Measurements were carried out by means of an ИКС-14 (IKS-14) spectrograph. The electrical conductivity σ was measured by means of an МТВ (MTV) measuring bridge in the region of 20 - 250°C. As shown by Fig. 3, the equation $\sigma = \sigma_0 \exp(-\Delta E/2kT)$ holds, no break occurring such as is caused by impurities in crystalline semiconductors. With increasing RO_x content, σ decreases according to the equation $\sigma = \sigma_{init} \exp(-k_1 C_{RO_x})$ (1) (Fig. 4). The extrapolation of the straight

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Synthesis and Investigation of Vitreous Oxide Semiconductors in Systems of the Type $VO_{2.5}$ - $PO_{2.5}$ - RO_x

line log σ for 100% $VO_{2.5}$ (Fig. 5) yields values of between -3.0 and -3.6, which are thus near the value -3.1 for crystalline V_2O_5. Between the activation energy ΔE of the carriers and σ there exists the dependence $\sigma = A \exp(-D\Delta E)$ represented in Fig. 6. (A, D are constants). The thermo-emf was measured according to Tauc (Ref. 19) by means of a ППТВ-1 (PPTV-1) potentiometer and an ЭМУ-3 (EMU-3) electrometer amplifier. Proportionality was found to exist between the coefficient of the thermo-emf and the concentration of RO_x. As shown by Fig. 8, the coefficient of the thermo-emf decreases with increasing ordinal number of the elements of the second main group of the periodic system, the oxides of which are under consideration. An increase in the contents of elements of the fifth main group leads to the opposite effect. The authors arrived at the conclusion that the glasses investigated have an intrinsic conductivity of mixed n-p type, which is not influenced by impurities. This is explained by the different parts played by impurities in a crystal lattice and in an amorphous glass having no long-range order. Mention

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Synthesis and Investigation of Vitreous Oxide Semiconductors in Systems of the Type $VO_{2.5} - PO_{2.5} - RO_x$

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is made of N. A. Goryunova, B. T. Kolomiyets (Ref. 4), V. V. Tarasov (Ref. 15), S. S. Shalyt (Ref. 16), A. R. Regel' (Ref. 20), and I. Z. Fisher (Ref. 21). There are 8 figures, 1 table, and 21 references: 12 Soviet, 3 US, 1 British, 1 Czechoslovakian, 1 French, and 1 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrotekhnicheskogo stekla, Moskva (Scientific Research Institute for Electrotechnical Glass, Moscow)

SUBMITTED: June 4, 1959 (initially)
February 22, 1960 (after revision)

Card 4/4

KITAYGORODSKIY, I.I., doktor tekhn.nauk, prof.; KARPECHENKO, V.G., inzh.; GRECHANIK, L.A., kand.tekhn.nauk

Significance of the polarizing properties of ions for developing the composition of low-melting types of glass. Stek.i ker. 19 no.11:10-13 N '62. (MIRA 15:12)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva (for Kitaygordoskiy).
(Ions) (Glass)

KARPECHENKO, Yu. L. and V. A. BORODATOV

"The Conditions and Prospects of Herring Fishing in the North Atlantic."

report presented at the All-Union Conference on Biological Foundations of Ocean Fishing, 11-16 April 1958, by Ichthyological Committee of AS USSR, VNIRO, and Inst. Oceanography, AS USSR.
(Vest. AN SSSR, 1958, No. 7, pp. 131-133)

BORODATOV, V.A., kand.biolog.nauk; DEMIDOV, V.F.; DUKHANIN, A.N.; ZHUKOVA, A.I.; KADIL'NIKOV, Yu.V.; KARPECHENKO, Yu.L.; KORZHOVA, Yu.A.; MAKHOVER, Z.I.; PETROV, G.P.; PROSVIROV, Ye.S.; RULEV, N.N.; SOKOLOV, O.A.; SPICHAK, M.K.; KHROMOV, N.S.; SHUIN, V.I., red.; FORMALINA, Ye.A., tekhn.red.

[Study of tuna fish and sardines in the eastern part of the Atlantic Ocean; report on the cruise of the scientific fishery survey expedition of 1957] Issledovaniia tuntsa i sardiny v vostochnoi chasti Atlanticheskogo okeana; reisovyi otchet nauchno-poiskovoi ekspeditsii, 1957 g. Moskva, 1959. 158 p. (MIRA 13:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.
(Atlantic Ocean--Tuna fish) (Atlantic Ocean--Sardines)
(Fish, Canned)

BORODATOV, V.A.; KARPECHENKO, Yu.L.

Soviet scientific fish-locating expedition in waters of Western Africa and outlook for fisheries in this area. Trudy sov. Ikht. kom. no.10: 131-138 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii-(VNIRO).
(Africa, Western--Sardine fisheries) (Africa, Western--Tuna fish)

KARPEKA, V. A.

"A Device for Drafting the Profiles of Gears," Stanki i Instrument, 10, No. 9, 1939.

Report U-1505, 4 Oct 1951

KARPEKA, V.A.

Determining moments by the weight of the liquid metal being poured through the nozzle of a conic ladle. Izv.vys.ucheb. zav.; chern.met. no.6:155-171 '60. (MIRA 13:7)

1. Moskovskiy vecherniy metallurgicheskiy institut.
(Smelting--Equipment and supplies)

KARPEKA, V.A., referent

Use of grooved rolls in the United States [from "Iron and Steel Engineer," no. 5, 1960]. Biul. TSIICHM no.2:56-58 '61. (MIRA 14:9)
(United States—Rolls (Iron mills)

KARPEKIN, P.A.; KOGAN, F.L., tekhnicheskiy redaktor.

[Regulations for the technical maintenance and repair of automobiles] Polozhenie o tekhnicheskom obsluzhivanii i remonte avtomobilei. Moskva, Nauchno-tekhn. izd-vo avtotransportnoi lit-ry, 1954. 45 p. (MLRA 8:4)

1. Moscow. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta.
(Automobiles--Repairing)

KARPEKIN, P., inzhener

Repairing the frame side member of the ZIS-150 and ZIS-5 trucks. Avt. transp. 33 no.5:26-28 My '55. (MLRA 8:8)
(Motor trucks--Frames--Repairing)

KARPEKIN, P., inzhener.

More attention to the repair of automobile parts. Avt.transp. 35 no.1:19-20 Ja '57. (MLRA 10:3)
(Automobiles--Apparatus and supplies)

KARPEKIN, P.

KARPEKIN, P., inzh.

Automotive transportation in Czechoslovakia. Avt.transp. 35 no.9:35-37 S '57. (MIRA 10:10)
(Czechoslovakia--Transportation, Automotive)

KARPEKIN, P., inzh.

Automobile repair plants in Czechoslovakia. Avt. transp. 36 no.4: 36-37 Ap '58. (MIRA 11:4)
(Czecholsovakia--Automobiles--Maintenance and repair)

KARPEKIN, P.

Central Construction Office. Avt.transp. 37 no.1:55 Ja '59.
(MIRA 12:2)

1. Nachal'nik TSentral'nogo konstruktorskogo byuro Ministerstva avtomobil'nogo transporta i shosseynykh dorog RSFSR.
(Motor vehicles--Maintenance and repair)

VERBITSKIY, Ivan Ivanovich; KARPEKIN, P.A., red.; KONARDOVA, T.F., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Use and repair of motor-vehicle tires in lumbering enterprises]Ekspluatatsiia i remont avtomobil'nykh shin v usloviiakh lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1962. 163 p. (MIRA 15:9)
(Lumbering--Equipment and supplies) (Tires, Rubber)

KARPEKIN, P., inzh.; SHCHESLAVSKIY, A., inzh.

New garage equipment. Avt. transp. 43 no.2:20-22 F '65.
(MIRA 18:6)

1. TSentral'noye konstruktorskoye byuro Ministerstva avtomobil'nogo transporta i shosseynykh dorog RSFSR.

KARPEKIN, I.

Basic trends in the development of new designs of service station equipment. Avt. transp. 43 no.5:6-7 My '65.

(MIRA 18:7)

ACC NR: AP7003418 SOURCE CODE: UR/9040/66/000/012/0022/0022

AUTHOR: Karpekin, V. (Engineer; Donetsk); Rybalko, A. (Engineer; Donetsk)

ORG: none

TITLE: Fireproof suit

SOURCE: Izobretatel' i ratsionalizator, no. 12, 1966, 22

TOPIC TAGS: fire protection, fire resistant material

ABSTRACT:

The authors and I. Volokhov, from the Central Scientific-Research Laboratory of Mine Rescue have developed a self-contained gas and heat protective suit (author certificate no. 180098). The coolant is liquid oxygen or liquid air. The gas produced in the cooling system is for breathing. It is fed in at a rate of 100 l/min. The upper part of the system is made from duralumin; it is doubled in the area of the head and chest. On the outside the suit is insulated with foamed polyurethane and covered with a glass reinforced plastic. The pants and sleeves are made of two layers of heat resistant fiber and a layer of glass wool. Liquid air can be fed into the suit through

Card 1/2 UDC: none

ACC NR: AP7003418

the gasline regardless of the position of the wearer. The first experimental suit is being tested; use of the suit makes it possible to work for 1 1/2 hr at 100C. Inside the suit, near the head and torso the temperature does not exceed 24C. The suit weighs 25 kg, but as the gas escapes its weight decreases to 15 kg. Orig. art. has: 1 figure.

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 5113

06/

Card 2/2

L 08580-67 EWT(1) SCTB DD/RD

ACC NR: AP6011274 SOURCE CODE: UR/0413/66/000/006/0133/0133

AUTHORS: Karpokin, V. V.; Rybalko, A. P.; Volokhov, I. I.

ORG: none

TITLE: A self-contained gas-heat pressurized suit. Class 61, No. 180098 [announced by Central Scientific Research Laboratory for High-Altitude Rescue Matters (Tsentral'naya nauchno-issledovatel'skaya laboratoriya po gornospasatel'nomu delu)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 133

TOPIC TAGS: space suit, pressure suit, protective clothing

ABSTRACT: This Author Certificate presents a self-contained gas-heat protective space suit. The outfit consists of a suit of heat-resistant fabric with a rigid cuirass and helmet. A tank with a liquid gas, for example, oxygen, connects with the internal cavity of the space suit (see Fig. 1). The design provides normal breathing without regeneration of the exhaled air. An evaporation rate regulator is mounted on the tank. The regulator is a sylphon bellows connecting with the valve of the liquid gas supply. The inner cavity of the sylphon bellows connects with the atmosphere which is enclosed in the casing which connects with the space suit cavity. In order to automatically maintain a given temperature in the space suit a thermorelay is mounted on the tank. The thermorelay is designed in the form of an increased

Card 1/2 UDC: 614.895.5

L 08580-67

ACC NR: AP6011274

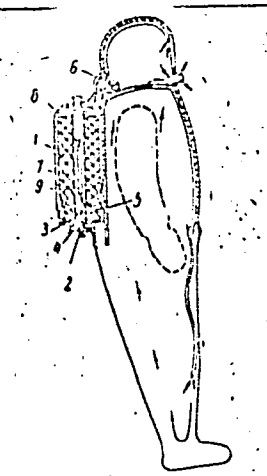

Fig. 1. 1 - tank with liquid oxygen; 2 - ovaporation regulator; 3 - valve for the liquid gas supply; 4 - sylphon bellows; 5 - casing of the sylphon bellows; 6 - thermorelay; 7 - central perforated tube; 8 - perforated network; 9 - gas discharge tube

supply of gas connected with the valve by the sylphon bellows. This gas supply is filled with a liquid having a low boiling temperature, for example, Freon. To increase the space factor of the tank and insure takeoff of the gas with any position of the space suit, a central perforated tube and a perforated distributing network are mounted on the tank. A gas discharge tube is located inside the perforated tube. The upper rim of this discharge tube is positioned in such a way that any plane passing through the center of the discharge tube divides the tank into two parts equal in volume. Orig. art. has: 1 figure.

SUB CODE: 06, 22/ SUBM DATE: 31Jul64

KARPEKIN, Ye.A., veterinarnyy vrach (Osipovichi, Mogilevskoy oblasti, BSSR)

Course of babesiasis in cows with paratyphoid infection.
Veterinariia 35 no.8:36-37 Ag '58. (MIRA 11:9)
(Piroplasmosis) (Cattle--Diseases and pests)

KARPEKINA, M.Ya.

Role of the water factor in endemic occurrence of urinary calculi in Voronezh Province. Trudy Vor. med. inst. 52:17-18 '63.

Diagnosis of ureteral calculi. Ibid.:23-25

Conservative and operative treatment of ureterolithiasis. Ibid.:27-29

(MIRA 18:3)

KARPEKINA, N.A.; KRASNOPOL'SKIY, S.S., red.

[Handbook; machinery and equipment of the heavy machine industry, nomenclature of the All-Union Main Administration of the Heavy Machine Industry under the State Planning Committee of the Council of Ministers of the U.S.S.R.] Spravochnik; mashiny i oborudovanie tiazhelogo mashinostroeniia, nomenklatury Soiuzglavtiazhmasha pri Gosplane SSSR. Moskva, Gosinti. Section 3. [Mining and ore-dressing equipment] Gornoshakhtnoe i obogatitel'noe oborudovanie. Pt.3.[Special (nonstandard) equipment] Individual'noe (nestandartnoe) oborudovanie. 1961. 99 p. (MIRA 14:11)
(Mining machinery)

ZOLOTAREVA, Nina Kirillovna; KARPEKINA, Natal'ya Alekseyevna; RYKOV, N.A., otv. red.; KACHALKINA, Z.I., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Ore dressing equipment; a descriptive catalog] Obogatitel'noe oborudovanie; katalog-spravochnik. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 164 p. (MIRA 15:2)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye po snabzheniyu i sbytu produktsii tyazhelogo, traktornogo i stroitel'no-dorozhnogo oborudovaniya.
(Ore dressing--Equipment and supplies)

ROZOV, Abram Lazarevich; KARPEL', Esfir' Donovna; GENIN, Il'ya L'vovich; LIPKOV, I.A., kand.tekhn.nauk, retsenzent; GABOVA, D.M., red.; KNAKNIN, M.T., tekhn.red.

[Weft knit manufacture] Utochnoviazal'noe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 109 p. (MIRA 12:9)

(Knit goods industry)

KARPEL', E.D.

Reducing the breakage in weft knitting manufacture.
Tekst.prom. 22 no.10:55-57 O '62. (MIRA 15:11)

1. Zaveduyushchiy sektorom gardinno-tyulevogo proizvodstva TSentral'noy nauchno-issledovatel'skoy laboratorii tekstil'no-galantereynoy promyshlennosti (TsNIL TGP) Mosgorsovnarkhoza.
(Knitting machinery)

KARPEL', G. 1/50T45

USSR/Medicine - Pathology Societies Jul/Aug 49

"In the Saratov Society of Pathoanatomists and Pathophysiologists," G. Karpel', Secy, 1/8 p

"Arkh Patol" No 4

At the 24 Nov 48 meeting reports were read by V. A. Abramenko and S. R. Mirotvortsev on problems confronting scientific medical societies. Professors K. N. Tret'yakov, L. B. Leytman, A. M. Antonov, L. A. Varshamov and others participated in subsequent discussions.

[redacted] 1/50T45

KARPEL', G. PA 1/50T47

USSR/Medicine - Pathology Societies Jul/Aug 49

"In the Saratov Society of Pathoanatomists and Pathophysiologists," G. Karpel', Secy, ½ p

"Arkh Patol" No 4

At the 15 Nov 49 meeting Prof A. M. Antonov spoke about the work of the students' circle and their participation in the competitions of the Min of Pub Health RSFSR. Students N. Koroleva, L. Yudanova and A. Mironova read reports on pathological changes in hypertonic diseases.

1/50T47

KARPEL', G.

1/50T46

USSR/Medicine - Pathology Societies

Jul/Aug 49

"In the Saratov Society of Pathoanatomists and Pathophysiologists," G. Karpel', Secy, 1/8 p

"Arkh Patol" No 4

In a joint meeting with chemical and therapeutic societies and the Society of Neuropathologists and Psychiatrists 20 Jan 49, reports were read by S. R. Mirotvortsev, K. N. Tret'yakov, L. A. Varshamov and N. G. Kolosov on the fifth session of Acad Med Sci USSR.

1/50T46

KARPEL', G.G.

Some features of the formation of metastases of gastric cancer to the liver. Vop.onk. 1 no.3:36-40 '55. (MLRA 10:1)

1. Iz kafedrypatologicheskoy anatomii (zaveduyushchiy - prof. A.M. Antonov) Saratovskogo gosudarstvennogo meditsinskogo instituta Adres avtora: Saratov, ul. 20-letiya Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi d.112. Meditsinskiy institut, kafedra patologicheskoy anatomii.

(LIVER, neoplasms, metastases from stomach)
(STOMACH, neoplasms, metastases to liver)

ANTONOV, A.M., Professor; KARPEL', G.G.

Work of the Aratov Province Society of Pathoanatomists in 1955.
Arkh.pat. 18 no.8:117-118 '56. (MLRA 10:2)
(ANATOMY, PATHOLOGICAL)

EXCERPTA MEDICA Sec.6 Vol.12/5 Int. Medicine May 58

KARPEL, G.G.

2883. DIFFERENTIAL DIAGNOSIS OF HYPERTONIC DISEASE AND ATHEROSCLEROSIS (Russian text) - Karpel G.G. - ARKH.PATOL. 1957, 19/5 (13-19) Graphs 4 Tables 2

Case histories and 100 autopsy reports were analysed. The main diseases found in these patients were hypertonic disease in 57 cases and atherosclerosis in 43 cases. The large percentage of disagreement in clinical and post-mortem diagnoses in these nosological forms is explained first of all by objective difficulties of differential diagnosis of these diseases due to their frequent concurrence and mutual influence; in the second place by the fact that our knowledge of the clinical picture and pathomorphology of hypertonic disease and atherosclerosis is still insufficient. Thus, for example, in more than half of the cases of atherosclerosis which were studied, the level of the minimal arterial pressure was on the highest border of the normal or above it. Hypertrophy of the myocardium was sometimes observed in atherosclerosis without the presence of any clinical evidence of hypertonia and could not be explained always. The condition of the arterioles should be studied in detail not only in hypertonic disease but also in atherosclerosis.

(XVIII, 6)

Clin Pathol. Anatomy -
Saratov Med Inst.

ANTONOV, A.M., professor; KARPEL', G.G., assistent

Work of the Saratov Province Medical Society of Pathoanatomists during 1956. Arkh.pat. 19 no.6:92-93 '57. (MLRA 10:10)

1. Predsedatel' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologanatomov (for Antonov). 2. Sekretar' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologanatomov (for Karpel')
(ANATOMY, PATHOLOGICAL)

ANTONOV, A.M., prof.; KARPEL', G.G.

Work of the Saratov Province Society of Pathoanatomists in 1957. Arkh.pat. 20 no.12:82-84 '58. (MIRA 12:1)

1. Predsedatel' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologoanatomov (for Antonov). 2. Sekretar' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologoanatomov (for Karpel').
(SARATOV PROVINCE--ANATOMICAL SOCIETIES)

KARPEL', G.G. (Saratov)

Papilloma of the choroid plexus. Arkh.pat. 21 no.4:76-79 '59.
(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.M. Antonov) Saratovskogo gosudarstvennogo meditsinskogo instituta.

(CEREBRAL CENTRICHES, neoplasms,
choroid plexus papilloma (Rus))
(PAPILLOMA, case reports,
choroid plexus (Rus))

KARPEL', G.G. (Saratov)

Case of hyperparathyreosis. Arkh.pat. 21 no.5:69-73 '59.
(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.M. Antonov) Saratovskogo meditsinskogo instituta.
(PARATHYROID GLANDS, neoplasms, adenoma, autopsy (Rus))

KARPEL', G.G.

Characteristics of necrosis of the small vessels in foci of apoplectic hemorrhages in cerebral hemorrhagic infarcts in hypertension and atherosclerosis. Zhur. nevr. i psikh. 63 no.8:1162-1169 '63. (MIRA 17:10)

1. Kafedra patologicheskoy anatomii (zav.- prof. A.M. Antonov) Saratovskogo meditsinskogo instituta.

KARPEL', G.G., dotsent (Saratov)

Mesothelioma of the pericardium with metastases. Arkh. pat. 27 no. 12:72-75 '65. (MIRA 18:12)

1. Kafedra patologicheskoy anatomii (zav. - prof. A.M.Antonov) Saratovskogo meditsinskogo instituta. Submitted Nov. 9, 1964.

ANTONOV, A.M., prof.; KARPEL', G.G., dotsent

Activity of the Saratov Province Scientific Medical Society of Pathoanatomists. Arkh. pat. 27 no. 12:84-85 '65.

(MIRA 18:12)

1. Predsedatel' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologoanatomov (for Antonov). 2. Sekretar' Saratovskogo oblastnogo nauchnogo meditsinskogo obshchestva patologoanatomov (for Karpel').

MAZINA, Ye.G., kand.med.nauk., MUSATOVA, A.V., KHRAMOVA, M.I., NABOKINA, Ye.K. SKOPTSOVA, S.M., KUZNETSOVA, S.A., KARPEL', L.M., DAMANSKAYA, N.V. FILIPPOVA, T.V.

Effectiveness of epidermal vaccination of newborns. Vop.okh. mat. i det. 3 no.6:53-58 N-D '58 (MIRA 11:12)

1. Iz Yakutskogo filiala (dir. Ye.N. Andreyev) Instituta tuberkuleza AMN SSSR.

(TUBERCULOSIS--PREVENTIVE INOCULATION)

RUBINSHTEYN, R.N.;KARPEL',N.G.

Application of nomographic calculation methods in spectroscopic analysis. Zav.lab.,21 no.9:1094-1103 '55. (MLRA 9:1)

(Spectrum analysis)

KARPEL', N. G.

Category: USSR/Analytical Chemistry - Analysis of inorganic substances. G-2

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31037

Author : Rubinshteyn R. N., Karpel' N. G.
Inst : not given
Title : Determination of Organic Contaminations Upon the Surface of Metal Parts by the Spectral Method.

Orig Pub: Zavod. laboratoriya, 1956, 22, No 111, 1327-1330

Abstract: On the assumption that the contaminations consist of grease, CH, C_2 and H_α spectrum is exitated in high-frequency discharge of type 9008 generator of RFT manufacture. of 2 Mhz frequency and 300 W power rating. The part is placed in branch of electrodeless glass tube on which are wound 10-15 turns of wire. During discharge air is evacuated and helium is introduced to a pressure of 10 mm Hg. The tube is sealed off and the helium is purified by freezing in liquid nitrogen. Thereafter the part is moved, by means of a magnet, into the field of the coil, and spectra are photographed in

Card : 1/2

KIRPEL, N.G.

24(7) PHASE I BOOK EXPLOITATION SOV/1700

Leningrad. Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii, 1956.
t. II: Atomnaya spektroskopiya (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol 2: Atomic Spectroscopy) (Trudy Ind-va L'vovskogo un-ta, 1958. 568 p. (Series: Its: Fizicheskiy sbornik, vyp.4(9)) 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

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PURPOSE: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectroscopy presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, physicochemical methods for controlling uranium production, physics and technology of gas discharge, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and the combustion theory, spectrum analysis of ores and minerals, photographic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals, quantitative spectrum analysis by means of isotopes, tables, and atlases of spectral lines, spark spectrographic analysis, statistical study of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

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Spectral determination of organic contamination on the surface of metallic parts. Fiz.sbor. no.4:182-183 '58. (MIRA 12:5)

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AUTHOR: Karpel', N. G.

TITLE: Peculiarities of boron evaporation in an electric arc

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TOPIC TAGS: pure material analysis, boron impurity determination, spectroscopic boron determination, spectrochemical boron determination, graphite analysis, silicon analysis, silicon carbide analysis, spectroscopic standard

ABSTRACT: An improved method of spectroscopic and spectrochemical determination of boron in pure graphite, silicon, and silicon carbide has been developed on the basis of a comparative study of the nature and rate of boron evaporation in the arc gap from the analyzed materials and standards. Improvements were made in the selection of standards and operating procedure. Experiments were carried out on the ISP-28 spectrograph with a d-c arc source and photographic recording of the spectra on a uniformly moving plate. In some ex-

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