FILAJDIC, Mirko, dr., ing.; GRUNER, Matilda, ing.; VRANCIC, Katarina

Statistical interpretation of the results of microbiological tests in determination of vitamins in foodstuffs. Kem ind 10 no.10:311-324 O '61.

1. Zavod za poznavanje i analizu zivotnih namirnica, Tehnoloski fakultet [Univerziteta] Zagreb. 2. Clan Redakcionog odbora, "Kemija u industriji" (for Filajdic)

(Microbiology)
(Vitamins)

FILAJDIC, Mirko, prof., dr. ing.

"Textbook of foodstuff chemistry" by Josef Schormuller. Reviewed by Mirko Filajdic. Kem ind 10 no.12:487 D '61.

1. Clan Redakcionog odbora, "Kemija u industriji".

FILAJDIC, Mirko. dr. ing. (Zagreb); VILICIC, Davorka, ing. (Zagreb); STAHAN-Adamovic, Vlasta. (Zagreb)

Organoleptic evaluation of lipide foodstuffs. Kem ind 11 no.1:3-11 Ja '62.

1. Zavod za poznavanje i analizu zivotnih namirnica Tehnoloskog fakulteta Sveucilista u Zagrebu, Zagreb.

2. Clan Redakcionog odbora, "Kemija u industriji" (for Filajdic).

VILICIC, Davorka, inz.; GAMS, Marta, inz.; FILAJDIC, Mirko, dr inz.

Determination of copper, iron, and phosphorus in the soybean oil, and influence of various technological processes on their quantity. Kem ind 12 no.3:136-140 Mr '63.

1. Laboratorij za analizu zivotnih namirnica, Biotehnoloski odjel, Tehnoloski fakultet, Zagreb. 2. Clan Redakcionog odbora, "Kemija u industriji" (for Filajdic).

VELICIC, Davorka, inz.; FILAJDIC, Mirko, dr inz.

Determination of nickel in the hydrogenated soybean oil. Kem ind 12 no.3:141-146 Mr '63.

RITZ, Milana, inz.; DESATY, Jolana, Mg. ph.; FILAJDIC, Mirko, dr. inz.

Colorimetic methods of determining aldehydes and fusel oil in refined spirit. Kem ind 12 no.6:431-439 Je '63.

1. Biotehnoloski odjel, Tehnoloski fakultet, Zagreb.
2. Clan Redkcionog odbora, "Kemija u industiji" (for Filajdic).

GRUNER, Matilda, inz.; NIKIC, Milutin, inz.; FILAJDIC, Mirko, dr.inz.

Color of nitrosomyoglobin during the processing of frankfurters.
Kem ind 12 no.9:665-669 S '63.

1. Biotehnoloski odjel, Tehnoloski fakultet, Zagret.
2. Clan Redakcionog odbora, "Kemija u industriji" (for Filajdic).

RITZ, Milana, dipl. inz.; SUNIC, Marija, dipl. inz.; FILAJDIC, Mirko, dr. dipl. inz.

Colorimetric determination of methanol in spirit and brandies. Kem ind 13 no.4:267-273 Ap '64

1. Biotechnological Section of the Technological Faculty, Zagreb.
2. Member of the Board of Editors, "Kemija u industriji" (for Filajdic)

FILAJDIC, Mirko, dr, d pl. inz. kem.; VILICIC, Davorka, dipl. inz. kem.; EKART, Neda, tehnicar

Selection of the most suitable method for determining nickel in hydrogenated lipide food. Kem ind 13 no.9:673-681 S '64.

1. Faculty of Technology, Biotechnological Section, Zagreb.

PLSKO, Stefan; FILAK, Jozef

Determination of the light hydrocarbon content in nonstabilized petroleum. Ropa a uhlie 6 no. 6:188-191 Je '64.

1. Slovnaft National Enterprise, Research Institute of Petroleum and Hydrocarbon Gases, Bratislava.

SLIPCHENKO, P.; STROKOV, G.; FILAKHTOV, A.

Construction of the Kremenchug Hydroelectric Power Station.
Prom.stroi.i inzh.soor. 4 no.2:33-40 Mr-Ap '62. (MIRA 15:11)

1. Vitse-prezident Akademii stroitel'stva i arkhitektury UkrSSR (for Slipchenko). 2. Nachal'nik stroitel'stva Kremenchugskoy gidroelektricheskoy stantsii (for Strokov). 3. Rukovoditel' sektora gidroelektricheskikh stantsiy Nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii stroitel'nogo proizvodstva Akademii stroitel'stva i arkhitektury UkrSSR (for Filakhtov).
(Kremenchug Hydroelectric Power Station)

FILAKHTOV, A. L.

USSR/Engineering - Hydraulics, Construction May 52

"Erection of a Cofferdam on Highly Impervious Foundation," I. Ye. Podrutskiy, A. L. Filakhtov, Engineers

"Gidrotekh Stroit" No 5, pp 21-23

Describes procedure of erecting cofferdams during construction of hydroelec power station, when river bed was covered with 12-m alluvial layer over gabbro rocks. Alluvium represented mixt of sand and pebbles with occurrence of boulders up to 1 m in diam. Watertightness of foundation was attained by grouting alluvium with cement and by blankets built on pressure side of cofferdams.

230T14

230T14

1. PODRUTSKIY, I. YE., FILAKHTOV, A. L., Engs.

2. USSR (600)

4. Hydroelectric Power Stations

7. Utilizing submerged sand and gravel pits for the construction of a hydroelectric power station. Gidr.stroi. N$_0$. 11 1952.

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

FILAKHTOV, A. L. and GONCHAROV, I. D.

"Removing a Barrier by Blasting and Washing away the River," Gidr. stroi., 21, No.2, pp. 14-15, 1952

FILAKHTOV, A. L. and GONCHAROV, I. D.

"Drainage of the Foundation Pit of a Hydroelectric Power Plant Built on Rocky Foundation," Gidr. stroi., 21, No.4, 1952

FILAKHTOV, A. L. Eng. and PODRUTSKIY. I. Ye. Eng.

"Building a Barrier on an Extremely Pervious Base," Didr. stroi., 21, No.5, 1952.

1. FILAKHTOV, A.L. , Engs., CHODRUTSKIY, I. Ye

2. USSR (600)

4. Bridges-Design

7. Use of standard bridges in building hydro power centers., Gidr.stroi., 21, No.10, 1952

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

FILAKHTOV, A.L., inzhener.

Experience with concrete work for the structures of a hydroelectric development center. Gidr.stroi. 22 no.5:1-5 My '53. (MLRA 6:6)
(Concrete construction)

FILAKHTOV, A.L., inzhener.

Temperature deformation of the buttresses of a high-head concrete dam. Gidr.stroi. 22 no.7:16-18 Jl '53. (MLRA 6:7)
(Dams)

FILAKHTOV, A.L., inzhener.

Methods of speeding up the building of a hydro-power center. Gidr.stroi. 22 no.8:12-13 Ag '53. (MLRA 6:8)

(Hydroelectric power stations)

FILAKHTOV, A.L., inzhener.

Experimental filling of a river bed by the method of sections. Gidr.stroi. 22 no.11:15-16 N-D '53. (MLRA 6:11)
(Cofferdams)

FILARETOV, A. L.

"Method of Approximate Calculations for Spanning Rivers in the Construction of Water Power Centers." Cand Tech Sci, Khar'kov Construction Engineering Inst, Khar'kov, 1954. (RZhKhim, Sep 54)

SO: Sum 432, 29 Mar 55

NEPOROZHNIY, Petr Stepanovich, prof.; FILAKHTOV, A.L., kand.tekhn.nauk, dots., nauchnyy red.; DANILKINA, M.V., red.; ZELENKOVA, Ye.Ye., tekhn.red.

[Erection of large concrete and reinforced concrete hydraulic structures; principles of efficient technology] Vozvedenie krupnykh betonnykh i zhelezobetonnykh gidrotekhnicheskikh sooruzhenii; osnovy ratsional'noi tekhnologii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1958. 700 p. (MIRA 11:5)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR i USSR (for Neporozhniy)
(Hydraulic engineering) (Concrete construction)

NEPOROZHNIY, Petr Stepanovich; FILAKHTOV, Aleksey Lazarevich; PYSHKIN, B.A., red.; PECHKOVSKAYA, O.M., red.izd-va; SKLYAROVA, V.S., tekhn.red.

[Experience in building hydroelectric power units] Opyt stroitel'stva gidroenergouzlov. Kiev, Izd-vo Akad.nauk USSR, 1960. 349 p. (MIRA 13:4)

1. Chlen-korrespondent AN USSR (for Pyshkin).
(Hydroelectric power stations)

STROKOV, G.I., inzh.; FILAKHTOV, A.L., kand.tekhn.nauk

Using flow-line methods in erecting plain and reinforced concrete structures of the Kremenchug Hydroelectric Power Station. Gidr.stroi. 29 no.3:8-11 Mr '60. (MIRA 13:6)

(Kremenchug Hydroelectric Power Station)
(Concrete construction)
(Assembly-line methods)

FILAKHTOV, A.L., kand.tekhn.nauk; CHUB, I.S., inzh.; YANKULIN, M.G., inzh.

Using production-line methods in constructing distribution units of the power house of the Kremenchug Hydroelectric Power Station. Gidr.stroi. 30 no.8:9-12 Ag 60. (MIRA 13:8)
(Kremenchug Hydroelectric Power Station)
(Precast concrete construction)

FILAKHTOV, A.L., kand.tekhn.nauk; SAPIR, I.L., inzh., CHUB, I.S., inzh., YANKULIN, M.G., inzh.

Use of concreted faggot trusses in the wall of the spiral casing of turbines at the Kremenchug Hydroelectric Power Station. Gidr. stroi. 30 no.9:6-9 S '60. (MIRA 13:9)
(Kremenchug Hydroelectric Power Station--
Precast concrete construction)

FILAKHTOV, A.L., kand.tekhn.nauk; [illegible], G.I., inzh.

Conference on the [illegible] experience in laying concrete in constructing hydroelectric power stations. Gidr. stroi. 31 no. 1:54-57 Ja '61. (MIRA 14:2)
(Hydroelectric power stations) (Concrete construction)

NEPOROZHNIY, Petr Stepanovich; FILAKHTOV, A.L., red.; BORUNOV, N.I., tekhn. red.

[Electrification and power engineering construction] Elektrifikatsiia i energeticheskoe stroitel'stvo. Moskva, Gos.energ. izd-vo, 1961. 189 p. (MIRA 15:1)
(Electrification) (Power engineering)

FILAKETOV, A.L., kand.tekhn.nauk; SERYY, Z.L., inzh.; FADEYEV, A.V., insh.; SENDEROVICH, B.L., inzh.

Continuous sequence in strengthening of earth banks at the Kremenchug Hydroelectric Power Station. Gidr.stroi. 31 no.6: 14-17 Je '61. (MIRA 14:6)

(Kremenchug Hydroelectric Power Station--Embankments)

FILAKHTOV, A. L., kand. tekhn. nauk

Principles of the assembly-line construction of hydroelectric developments. Gidr. stroi. 33 no.12:8-9 D '62. (MIRA 16:1)

(Hydraulic structures)

FILAKHTOV, A.L., kand.tekhn.nauk; YANKULIN, M.G., inzh.

Techniques of basic processes in the erection of precast structures of hydroelectric power developments like the one in Kiev. Gidr. stroi. 33 no.5:12-16 My '63. (MIRA 16:5)
(Hydroelectric power stations—Design and construction)
(Precast concrete construction)

SLIPCHENKO, P.S., glav. red.; KUCHERENKO, K.R., red.; FILONENKO, K.I., red.; LESNAYA, A.A., red.; ABYZOV, A.G., red.; BUDNIKOV, M.S., red.; VETROV, Yu.A., red.; GLADKIY, V.I., red.; GOLOSOV, V.A., red.; IZMAYLOV, V.G., red.; KANYUKA, N.S., red.; KAIPOV, E.A., red.; KLINDUKH A.M., red.; KUSHNAREV, N.Ye., red.; LUYK, A.I., kand. tekhn. nauk, red.; NEMENKO, L.A., red.; RYBAL'SKIY, V.I., red.; SITNIK, I.P., red.; FEDOSENKO, N.M., red.; FILAKHTOV, A.L., kand. tekhn. nauk, red.; KHILOBOCHENKO, K.S., red.; VORONKOVA, L.V., red.; KIYANICHENKO, N.S., red.

[Construction industry: technology and mechanization of the construction industry; the economics and organization of construction] Stroitel'noe proizvodstvo: tekhnologiia i mekhanizatsiia stroitel'nogo proizvodstva; ekonomika i organizatsiia stroitel'stva. Kiev, Budivel'nyk, 1965. 180 p. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva. 2. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva (for Luyk, Filakhtov).

FILAKHTOV, Aleksey Lazarevich; YANKULIN, M.G., red.

[Principles of assembly line methods in the construction of hydroelectric developments; concrete and reinforced concrete structures] Printsipy potochnogo vozvedeniia gidroenergouzlov; betonnye i zhelezobetonnye sooruzheniia. Moskva, Energiia, 1965. 219 p. (MIRA 18:3)

FILAKHTOV, M.L.

State standard for geodetic symbols. Geod. i kart. no.7:63 Jl '61. (MIRA 14:7)
(Geodesy) (Signs and symbols)

GARLICKI, Marian; FILAKOWSKI, Stanislaw

'Analysis of delayed union and pseudarthrosis of the long bone. Chir. narz. ruchu ortop. polska 26 no.5:619-626 '61.

1. Z Kliniki Ortopedycznej Centralnego Szpitala Klinicznego WAM w Warszawie.

(FRACTURES UNUNITED statist)
(PSEUDOARTHROSIS statist)

FILANCHUK, V.V., inzh.

Glass reinforced plastics in the building of sailboats. Sudostroenie 30 no.8:27-29 Ag '64. (MIRA 18:7)

84654

24.5600
9.5110

S/115/60/000/010/012/028
B021/B058

AUTHORS: Brodskiy, A. D. and Filandrov, G. N.

TITLE: Application of Freon for Testing Instruments in the Low-temperature Field

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 10, p. 36

TEXT: Spirit cryostats cooled by means of liquid oxygen or nitrogen are usually applied for conducting State examinations of various thermometers and thermocouples in the temperature range of from 0 to -100°C. For obtaining temperatures below -100°C, butane propane and pentane respectively are used instead of spirit, which are, however, explosive. In this connection, the laboratoriya nizkikh temperatur (Laboratory of Low Temperatures) of the VNIIM (Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii (All-Union Scientific Research Institute of Metrology)) studied the possibility of using the chemically inert and harmless gas Freon. The technical data of some Freons manufactured by the Soviet industry are tabulated:

Card 1/2

84654

Application of Freon for Testing Instruments in the Low-temperature Field

S/115/60/000/010/012/028
B021/B058

Freons	Type Designation	Boiling Point (°C)	Melting Point (°C)
Freon-12	F-12	-29.8	-155.0
Freon-13	F-13	-81.5	-180.0
Freon-14	F-14	-127.9	-184.0
Freon-22	F-22	-40.8	-160.0

4

The authors used Freon-12 as coolant and compared specimen resistance thermometers of the P. G. Strelkov type in the conventional liquid cryostat of the Henning type at temperatures of -41.9; -62.6; -69.6; -105.9; -131.8°C. The test can be made in the conventional Dewar flask if special cryostats are lacking. Mixtures with a given boiling point can be obtained by mixing various types of Freons. Boiling- and melting point of Freon are determined by means of specimen resistance thermometers and thermocouples respectively. Freon is described as being rather expensive at present. There is 1 table.

Card 2/2

FILANOVSKIY, G.

On earth as in the air; merits of simulating units; objective flight control. Grazhd.av. 19 no.12:18-19 D '62.
(MIRA 16:2)

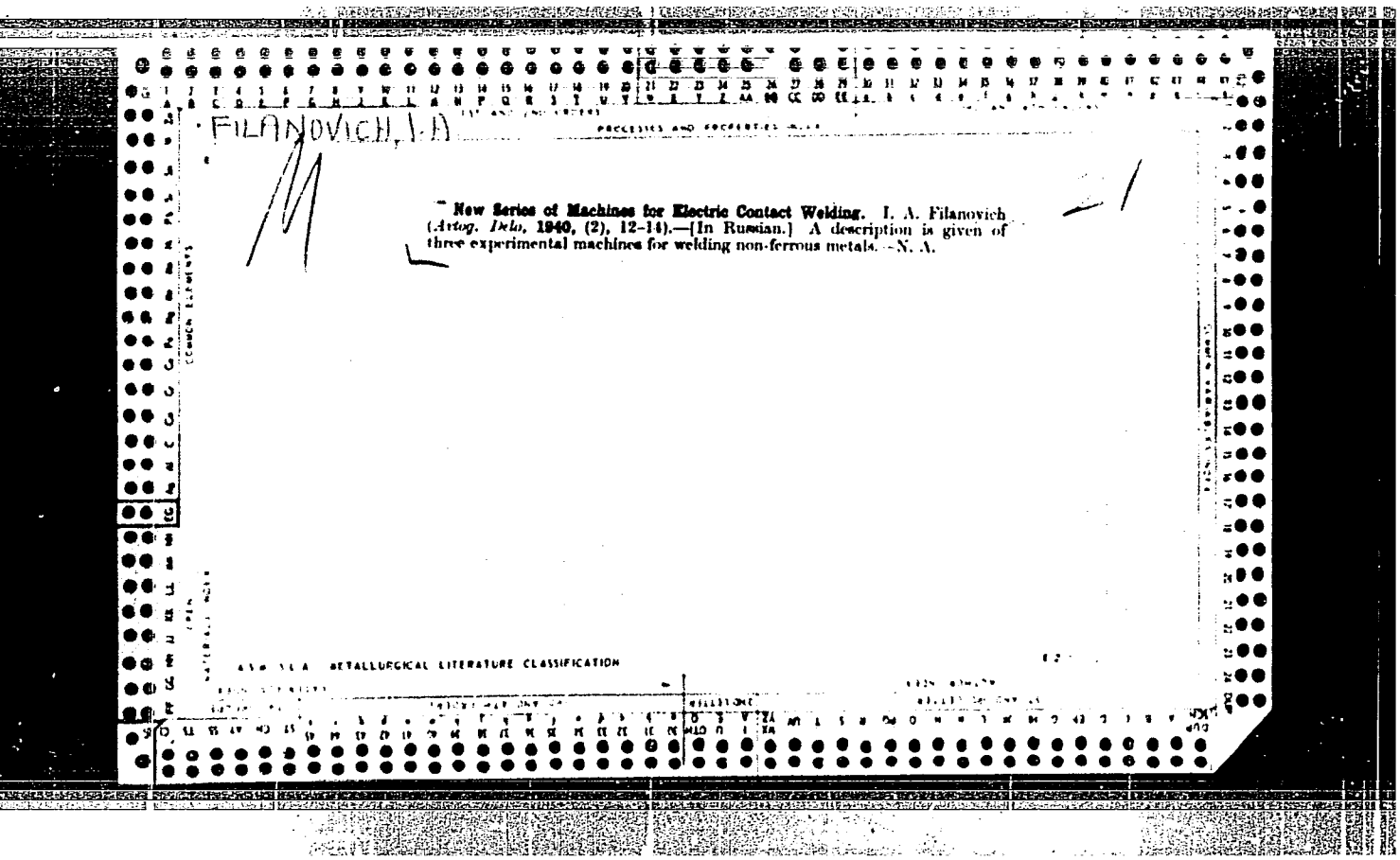
1. Instruktor trenazhera Vostochnosibirskogo upravleniya Grazhdanskogo vozdushnogo flota.
(Link trainers)

FILANOVSKIY, G.[Filanovs'kyi, H.]; KOLESNICHENKO, Yu.[Kolisnychenko, IU.]

On the track of a wavy thread. Znan. ta pratsia no.4:18-19 Ap '63. (MIRA 16:6)
(Phonograph) (Phonorecords)

FILANOVSKIY, G. [Filanovs'kyi, H.]; KOLESNICHENKO, Yu. [Kolesnychenko, IU.]

Lamps. Nauka i zhyttia 13 no.7:36-38 Jl '63. (MIRA 16:10)



FILANOVICH, I.A

New Series of Machines for Electric Contact Welding. I. A. Filanovich (*Avtog. Delo*, **1940**, (2), 12–14).—[In Russian.] A description is given of three experimental machines for welding non-ferrous metals.—N. A.

METALLURGICAL LITERATURE CLASSIFICATION

A NEW TYPE OF ROTARY TRANSFORMER FOR TUBE WELDING. I. A. FILANOVICH. (AVTO. DELO. 1949 No. 8 pp. 23-25) (In Russian) Several types of rotary transformer for electric welding tubes are described. In these instruments the electrode rings are attached to the outer casing, which also forms the secondary winding. The electrode rings are suitably groved for the diameter of the tube being welded and are easily changed to deal with different tube diameters. The transformers have a high performance and produce secondary currents of 20,000-30,000amp. Welding speeds of 40m./min. have been achieved in the manufacture of tubes 8-25 mm in dia. S.K.

FILANOVICH, I. A.

59/49T59

USSR/Engineering Jun 49
Welding Machines
Automatic Welding

"New Machine for Resistance Welding," I. A. Bolotnikov, I. A. Filanovich, Engineers, "Elektrik" Factory, 4½ pp

"Vest Elektro-Prom," Vol XX, No 6

Describes a number of new butt, seam, and spot welders placed into production in 1949 by "Elektrik" factory (photographs and sketches shown). Tabulates technical details for the MSR-100 resistance butt welder (either resistance or fusion) 100 kva, MShP-100 (100 kva)

58/49T59

USSR/Engineering (Contd) Jun 49

resistance welder for welding longitudinal or transverse seams, and MTPG-75 automatic spot welder, 75 kva single or repetitive-- 40 - 100 spot-welds per min).

58/49T59

BOBKOVA, T.P., prepodavatel' kursov kroyki i shit'ya; GURBO, A.I., prepodavatel' kursov kroyki i shit'ya; ZHIVAYEVA, Ye.I., prepodavatel' kursov kroyki i shit'ya; ZEMSKOVA, O.V., prepodavatel' kursov kroyki i shit'ya; LYSENKO, A.V., prepodavatel' kursov kroyki i shit'ya; MARTOPLYAS, L.V., prepodavatel' kursov kroyki i shit'ya; MARTYNOVA, F.V., prepodavatel' kursov kroyki i shit'ya; PANOVA, V.P., prepodavatel' kursov kroyki i shit'ya; POMINOVA, M.G., prepodavatel' kursov kroyki i shit'ya; RYZHICHKINA, M.I., prepodavatel' kursov kroyki i shit'ya; SYCHEVA, T.A., prepodavatel' kursov kroyki i shit'ya; FILANOVICH, O.F., prepodavatel' kursov kroyki i shit'ya; BRUNEVSKAYA, M., red.; TRUKHANOVA, A., tekhn. red.

[Practical handbook on garment cutting and sewing] Prakticheskoe posobie po kroike i shit'iu. 4. izd. Minsk, Gos.izd-vo BSSR Red. nauchno-tekhn.lit-ry, 1961. 607 p. (MIRA 14:12)

1. Misnskiy Okruzhnoy Dom ofitserov im. K.Ye.Voroshilova i klub im. F.E.Dzerzhisnkogo (for all except Brunevskaya, Trukhanova).
(Dressmaking—Pattern design) (Sewing)

FILANOVICH, P.K.

Problem of studying underground drainage in regulating the level of ground waters. Vestsi AN BSSR. Ser. Fiz.-tekh. nav. no. 4:124-132 '60. (MIRA 14:1)

(Drainage) (Water, Underground)

AUTHORS: Rubenchik, L. I., Chernobyl'skaya, M. N., 20-114-6-49/54
Kil'chevskaya, A. A., Filanovskaya, A. N.

TITLE: The Influence Exerted by the Volatile Secretions of Actinomycetes Upon Bacteria (Vliyaniye letuchikh vydeleniy aktinomitsetov na bakterii).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 114, Nr 6, pp. 1315-1316 (USSR)

ABSTRACT: Antibacterial substances were, among others, determined in the volatile secretions of some fungi of the species Trichoderma (reference 4). The authors studied 4 species of Actinomycetes. As test objects they used 4 species of bacteria in which the influence of the above-mentioned fungi was determined. The fungi were cultivated in Petri dishes, the bacteria in the covers of these dishes. A layer of air of 12-14 mm thickness thus separated both types in such a "two-storey" culture. Therefore only the volatile secretions of the fungi could act upon the bacteria. In the control dishes the lower "storey" was not inhabited. The culture lasted 72 hours at 28°. The results are given in table 1. A stimulating influence was exerted by: Actinomyces griseus subsp. variabilis and Act. coelicolor upon Bac. subtilis and Bac. mesentericus; Act. globisporus var. diastaticus upon Bact. coli, Bac. subtilis

Card 1/3

The Influence Exerted by the Volatile Secretions of Actinomycetes Upon Bacteria.

and Bac. mesentericus; Act. griseus upon Bact. coli. Microc. aureus remained uninfluenced of all investigated species. From dishes in which Actinomycetes were cultivated alone the authors brought drops of water of condensation from the cover into colonies of bacteria. Tap water served as control. No differences in the growth of the colonies of bacteria could be determined. The volatile secretions of the Actinomycetes apparently are little soluble or insoluble in water. The tests with Act. griseus, Act. albus and Act. violaceus which grew at the bottom of the Petri dishes, and with Azotobact. chroococcus (strain K) at the cover showed that the volatile substances of the fungi may serve as source of carbon and energy for this bacterium. This source was not full value, however, as the colonies of Azotobacter grew only weakly and slowly. But without Actinomycetes they did not develop at all.
There are 1 table and 5 references, all of which are Slavic.

ASSOCIATION: Kiyev State University imeni T. G. Shevchenko (Kiyevskiy gosudarstvennyy universitet imeni T. G. Shevchenko).

Card 2/3

ACC NR: AP6031118 SOURCE CODE: UR/0217/66/011/002/0278/0280

30

B

AUTHOR: Filanovskaya, T. P.

CRG: Institute of Evolutionary Physiology and Biochemistry im. I. M. Sechenov, AN SSSR, Leningrad (Institut evolyutsionnoy fiziologii i biokhimii AN SSSR)

TITLE: Origin of the anomalous dispersion of the dielectric parameters of living tissues in the low radiofrequency range

SOURCE: Biofizika, v. 11, no. 2, 1966, 278-280

TOPIC TAGS: histology, tissue physiology, bioelectric phenomenon, muscle physiology, electrophysiology, dielectric loss

ABSTRACT: The question of the relationship between changes in the maximum anomalous dielectric loss and peculiarities in the macromolecular structure of living tissues still remains open. Therefore, the author conducted investigations aimed at finding the origin of the region of anomalous dielectric loss in tissues of the organism in the low radiofrequency range. It was established that the position of the maximum $tg\delta$ of frog sartorius muscle depends on the conditions of measurement. With an increase in the distance between electrodes or in the concentration of the solution surrounding the muscle, the maximum shifts towards high frequencies. When the muscle is replaced by filter paper wetted with a physiologic solution, the maximum disappears, but reappears with the se-

Card 1/2

0918 2339

L 41661-66
ACC NR: AP6031118

lection of an appropriate concentration of the wetting solution. To find the conditions for the occurrence of the maximum frequency dependence $tg\delta(\omega)$ under the influence of polarization phenomena, the author made an analysis of one of the possible RC circuits equivalent electrically to the chamber with the object under study. It was established that the presence of the region of anomalous dielectric loss in the low radiofrequency range is not a specific property of living tissues, but is determined purely by the circuit correlation of the parameters of the equivalent substitution circuit for the processes taking place at the electrode. Orig. art. has: 3 figures. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 29Apr65 / ORIG REF: 012 / OTH REF: 003

Card 2/2 MT

GERTS, GUSTAV [Herz, Gustav], akademik; FILANOVSKAYA, Z.A. [translator]

Author of the quantum theory. Priroda 47 no.6:76-80 Je '58.
(MIRA 11:7)

1.Fizicheskiy institut universiteta im. Karla Marksa, Leyptsig, Germanskaya Demokraticheskaya Respublika.
(Planck, Max Karl Ernst Ludwig, 1858-1947) (Quantum theory)

KHANTSSHE, Ye. [Hantzsche, E.]; VECHORFK, L.V. [Wieczorek, L.W.]; FILANOVSKAYA, Z.A. [translator]

State of matter under conditions of high temperature and pressure [translated from the German by Z.A.Filanovskaia]. Priroda 47 no.10:41-47 O '58. (MIRA 11:11)
(Chemistry, Physical and theoretical)

TARYAN, Rezhe [Tarjan, Rezso], dokter tekhn. nauk (Budapesht); FILANOVSKAYA, Z.A. [translator]

Problems in cybernetics. Priroda 48 no.6:62-68 Je '59. (MIRA 12:5)

(Cybernetics)

FILANOVSKIY, G.; DVORNIKOV, A.

Toward the 22nd Party Congress. Grazhd.av. 18 no.4:5-6 '61.
(MIRA 14:4)

1. Nachal'nik Vostochno-Sibirskogo territorial'nogo upravleniya Grazhdanskogo vozdushnogo flota (for Filanovskiy). 2. Nachal'nik politotdela Vostochno-Sibirskogo territorial'nogo upravleniya Grazhdanskogo vozdushnogo flota (for Dvornikov).
(Siberia, Eastern--Aeronautics, Commercial)

FILANOVSKIY, G.; LEGOTIN, J.; RUSAKOV, P.

On instruction installations. Letecky obzor 7 no.3:74-75 Mr '63.

1. Instruktor cvicneho zarizeni Vychodosibirske spravy (for Filanovskij). 2. Instruktor cvicneho zarizeni Svk (for Legotin). 3. Inspektor sluzby rizeni leteckeho provazu, Glavnoye upravleniye Grazhdanskogo vozdushnogo flota (for Rusakov).

BOGDANOV, O. S. ; FILANOVSKIY, M. Sh.

Leningrad

Laboratory of Physical and Chemical Research on the Flotation Process, Leningrad Institute Scientific Research Institute for the Mechanical Processing of Minerals, (-1939-).

"The Problem of Attaching Mineral Particles to Air Bubles."

Zhur. Fiz. Khim., Vol. 14, No. 2, 1940.

FILANOVSKIY, Yu. - SOLOV'EV, N.

Moving-picture Projection - Voronezh

Voronezh republican school for motion-picture operators.
Kinomekhanik no. 12, 1952

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

FILANOVSKIY, Yu.

Moving-picture Projection

Moving-picture operator Chernyshev and motorman Andreeshchev.
Kinomekhanik no. 1, 1953

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

FILANOVSKIY, Yu.

In the Kremenskoy district. The work of rural stations. Kinomekhanik no.8: 5 Ag '53. (MLRA 6:8)

(Kremenskoy District--Moving-picture theaters)

FILANOVSKIY, Z.

Mechanization of tank cleaning operations after the draining of mazut. Energetik 11 no.6:27 Je '63. (MIRA 16:7)

(Electric power plants)

ZELIKMAN, V.G., inzh.; FILANOVSKIY, Z.G., inzh.

[Safety regulations for servicing the equipment of fuel transportation departments and fuel supply systems of electric power plants] Pravila tekhniki bezopasnosti pri obsluzhivanii oborudovaniia toplivno-transportnykh tsekhov i toplivopodachi elektrostantsii. Moskva, Energiia, 1965. 64 p. (MIRA 18:8)

1. Russia (1923- U.S.S.R.) Tekhnicheskoye upravleniye po ekspluatatsii energosistem.

MUSIAL, W.; EKIEL, J.; PRACKA, H.; FILAR-WICZ, A.

A simple system of vectocardiographic leads for recording the total electrical function of the heart. Kardiol. Pol. 7 no.4: 291-298 '64

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Lodzi (Kierownik: prof. dr. W. Musial).

FILAR, Zbigniew

A small encyclopedia of the history of medicine. Pol. tyg. lek. 17 no.1:38-39 contd 1 Ja '62.
(HISTORY OF MEDICINE)

FILAR, Z.

A small encyclopedia of the history of medicine. Pol. tyg. lek. 17 no.2:73-74 contd 8 Ja '62.
(HISTORY OF MEDICINE)

FILAR, Zbigniew

Etiology of extrauterine pregnancy. Rozpr. wydz. nauk med. 7 no.2: 5-39 '62.

(PREGNANCY ECTOPIC)

FILARETOV, A., profgruporg, elektrosvarshchik.

The graph plan is in operation. Sov.profsoiuzy 5 no.12:33-34 D '57
(MIRA 10:11)
(Ryazan--Agricultural machinery industry)

FILARETOV, G.A.; STAFEYEV, V.I.; CHERKASHIN, G.A.; LUR'YE, M.S.; DUBNOV, Yu.Z.; ASNINA, Zh.S.

Study of the negative impedance of Al_2O_3-- metal contacts.

Radiotekh. i elektron. 11 no. 2:298-301 F '66
(MIRA 19:2)

FILARETOV, G.F.

Use of a mathematical description for purposes of optimum control. Trudy MVI no.51:177-194 '63. (MIRA 17:4)

SEMACHKIN, Sergey Yefremovich; FILARETOV, Gleb Vasil'yevich; CHERNOV, Ye., red.; POKHLEBKINA, M., tekhn. red.

[Resistance welding of metals and plastics]Kontaktnaia svarka metalla i plastmass. Moskva, Mosk. rabochii, 1962. 162 p. (MIRA 15:12)

(Metals--Welding) (Plastics--Welding)

L 27521-66 EWT(1)/EWT(m)/EWP(t) IJP(c) JD/HW/JG/JH

ACC NR: AP6007508 SOURCE CODE: UR/0109/66/011/002/0298/0301

AUTHOR: Filaretov, G. A.; Stafeyev, V. I.; Cherkashin, G. A.; Lur'ye, M. S.; Bubnov, Yu. Z.; Asnina, Zh. S.

56
B

ORG: none

TITLE: Investigation of the negative resistance of Al_2O_3-metal contacts

SOURCE: Radiotekhnika i elektronika, v. 11, no. 2, 1966, 298-301

TOPIC TAGS: semiconductor, semiconductor device, semiconductor research

ABSTRACT: The N-type negative-resistance region of Al_2O_3-Me contacts was investigated by measuring current-voltage characteristics of film-type contacts in which the thickness of the dielectric varied from 100 to 500 Å. The Al_2O_3 layer was formed by oxidizing Al films obtained on glass by vaporization in vacuum. The upper electrode was formed by vacuum-spraying Cu, Sn, In, Au, Ni, Al. Measurements were conducted in air and in vacuum. With In, Al, Sn electrodes, the negative resistance was observed with both polarities of the applied voltage; with the Al electrode, the negative resistance could be detected only in vacuum. With Cu, Ni,

Card 1/2

UDC: 621.382.27.001.5

L 27521-66

ACC NR: AP6007508

Au electrodes, the negative resistance was observed only in the forward branch of the current-voltage characteristic. In all cases, the maximum current decreased and the negative resistance increased with the increasing layer thickness. Qualitatively, the I-V function could be explained by the Schottky emission law. Electron capture by multicharge centers is assumed to be responsible for the mechanism of the negative resistance. Orig. art. has: 5 figures.

SUB CODE: 09, 20 / SUBM DATE: 16Nov64 / ORIG REF: 002 / OTH REF: 001

Card 2/2

FILARETOV, G.V.

U S S R .

FILARETOV, G. V.

Proizvodstvo skobianykh izdelii (Production of ironware). Moskva, KOIZ, 1953. 64. p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

FILARETOV, G.V.; LYUBINSKAYA, A., redaktor; LOMILINA, L., tekhnicheskiy redaktor.

[Manufacturing of metal beds] Proizvodstvo metallicheskikh krovatei. Moskva, Vses.kooperativnoe izd-vo 1955. 132 p.
(Beds and bedsteads) (MLRA 8:12)

SEMYACHKIN,S.Ye., inzhener; FILARETOV,G.V., inzhener

Contact roller electric welding in roofing. Svar. proizv. no.2:20-21 F '55. (MLRA 8:9)
(Electric welding) (Roofs)

FILARETOV, G. V., inzhener; ZLOTNIKOV, D.

Using machinery in the production of iron beds. Prom.koop. no.3: 23-29 Mr '55. (MLRA 8:11)

1. Nachal'nik tsekha shirpotreba zavod "Kompressor" (Beds and bedsteads) (Furniture industry)

SEMYACHKIN, S.Ye.; FILARETOV, G.V.; CHERNYAK, V.S., nauchnyy redaktor; KONTSEVAYA, E.M., redaktor; TORSHINA, Ye.A., tekhnicheskiy redaktor.

[Welded roofs] Svarnye krovli. Moskva, Vses.uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 41 p. (MIRA 9:6)
(Roofing--Welding)

FILARETOV, G.V.

SEMYACHKIN, Sergey Yefremovich; FILARETOV, Gleb Vasil'yevich; SEREBRENNIKOVA, L.A., red.; KUZ'MIN, D.G., tekhn.red.

[Protective and decorative nitration] Zashchitno-dekorativnoe azotirovanie. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 36 p. (MIRA 11:2)
(Nitration)

FILARETOV, G.

Non-acetylene torch welding. Prom. koop. no.9:24 S '57.
(Welding) (MLRA 10:9)

FILARETOV, G.V.

25 (1) PHASE I BOOK EXPLOITATION SOV/1711

Semyachkin, Sergey Yefremovich, and Gleb Vasil'yevich Filaretov

Kontaktnaya elektrosvarka (Electric Resistance Welding) Moscow, Trudrezervizdat, 1958. 125 p. (Series: Biblioteka molodogo rabochego) 17,000 copies printed.

Scientific Ed.: V.S. Chernyak; Ed.: T.I. Rychek; Tech. Ed.: A.M. Toker.

PURPOSE: This booklet is intended for young welders who have graduated from training centers for labor reserves. It may also be useful to resistance welders in various branches of industry.

COVERAGE: The booklet contains a brief description of resistance welding methods and the welding equipment commonly used in Soviet industry. Modern methods of spot, seam, flash, and projection welding are described and illustrated. Welding of cast iron, titanium, nonferrous materials, and plastics is mentioned. The author states that the use of condensers in resistance welding is a recent development in Soviet welding technology. Welding with induction heating and soldering by means of resistance welders is also described. No personalities are

Card 1/4

Spot welding 61
Equipment for spot welding 76
Projection and T-type welding 80
Flash welding 84

6. Automatic Production Lines for Producing Resistance-welded Items 86

7. Resistance Welding of Sheet Cast Iron, Ferrous and Nonferrous Metals with Decorative Protective Coatings 93

8. Resistance Welding of Titanium, Light Alloys and Stainless Steel 95

9. Resistance Welding With the Use of Condensers 110

10. Resistance Welding of Vinyl Plastic 112

11. Seam and Spot Welding With Induction Heating 118

Electric Resistance Welding SOV/1711

12. Soldering of Parts With Resistance Welding Machines 122

AVAILABLE: Library of Congress (TK4660.S418)

GO/hcr
6-15-59

Card 4/4

FILARETOV, G.V., insh.

In the interests of consumers and production. Prom.koop. 14 no.2:6-7 F '60, (MIRA 13:5)

1. Metallopravleniye Rospromsoveta.
(Beds and bedsteads)

FILARETOV, G.V.; KUZNETSOV, G.A., red.; KHARITONOVA, L.I., tekhn. red.

[Manufacture of metal beds] Proizvodstvo metallicheskikh krovatei. Izd.2., dop. i perer. Moskva, Gosmestromizdat, 1961.
(MIRA 15:5)
(Beds and bedsteads) (Metalwork)

L 43088-65 EWT(m)/ EPA(w)-2/EWA(m)-2 Pab-10/Pt-7 IJP(c) JT/GS

ACCESSION NR: AT5007918 S/0000/64/000/000/0197/0201

AUTHOR: Vladimirskiy, V. V.; Gol'din, L. L.; Koshkarev, D. G.; Tarasov, Ye. K.; Yakovlev, B. M.; Gustov, G. K.; Komar, Ye. G.; Kulikov, V. V.; Malyshev, I. F.; Monoszon, N. A.; Popkovich, A. V.; Stolov, A. M.; Strel'tsov, N. S.; Titov, V. A.; Vodop'yanov, F. A.; Kuz'min, A. A.; Kuz'min, V. F.; Hints, A. L.; Rubchinskiy, S. M.; Uvarov, V. A.; Zhadanov, V. M.; Filaretov, S. G.; Shiryayev, F. Z.

TITLE: 60-70 Gev Proton Synchrotron

SOURCE: International Conference on High Energy Accelerators. Dubna, 1963. Trudy. Moscow, Atomizdat, 1964, 197-201

TOPIC TAGS: high energy accelerator, synchrotron

ABSTRACT: A 60-70 Gev proton synchrotron with strong focusing is being constructed not far from Serpukhov, as has been reported earlier (e.g. "Research Institute for Electro-Physical Equipment, Leningrad," in Proceedings of the International Conference on High Energy Accelerators and Instrumentation (CERN, 1959), p. 373). The present report describes parameter changes and improvements in precision structural characteristics of the accelerator, and the present state of construction in mid-1963. The parameters of the magnet are presented in a table. A small change in the original plans permitted an increase in the length of a part of the free

Card 1/4

L 43088-65

ACCESSION NR: AT5007918 0

sections, some of which are utilized for input and exit of beams. The super-period design is described. The lengthened sections were obtained as a consequence of shortening the focusing and defocusing blocks by 112 cm. The focusing properties of the magnetic channel were diminished consequently, but very little; and the limiting energy was lowered by 2-3 Gev. The construction of the magnet is described. Each of the magnetic blocks is divided lengthwise into 5 sub-blocks which are enveloped by the common winding. These sub-blocks consist of laminar two-millimeter silicon steel. These steel sheets were stamped out without subsequent mechanical working, and were subjected to sorting and intermixing in order to smooth out their magnetic characteristics. The sub-blocks are constricted by lateral welded plates without adhesion. Provision was made for windings on the poles in order to correct for pole nonlinearity and for variations in the drop reading. These windings make it possible to introduce artificial quadratic (square) nonlinearity that changes the dependence of the frequency of transverse oscillations during a pulse. In order to correct for straying of the residual field, provision has been made for windings on the yoke in series with the main winding. The sub-blocks must undergo calibration on a magnet stand in order to make correcting systems more precise and to determine the most convenient disposition of the sub-blocks along the ring. The winding of the electromagnet is made of aluminum busbars with hollow cores for cooling water. The length of the busbar is so selected that there would be no

Card 2/4

L 43088-65

ACCESSION NR: AT5007918

welded joints inside the coils. The winding consists of 4 sections, two of which are disposed on the upper pole and two on the lower. The most important characteristics of the electromagnet and power supply system are described in a table. Also described are the vacuum chamber and accelerating field (obtained by 53 paired resonators with ferrite rings, which operate at the 30-th harmonic of revolution and give accelerating potential of 350 kilovolts). The ring tunnel and the general arrangement of the accelerator are shown in figures and described. The building for the injector and portions of the ring tunnel from the injector to the experimental room have been completed in the main and are ready for installation of equipment. This room, in the form of a single-aisle building without internal supports, permits one to work on beams brought into the inner and outer sides. A 90-meter arch covers this room, whose overall length is 150 meters. Provisions have been made for a second experimental room at the southwest part of the ring. Orig. has 4 figures, 2 tables.

ASSOCIATION: Institute teoreticheskoy i eksperimental'noy fiziki GKAE SSSR (Institute of Theoretical and Experimental Physics, GKAE SSSR), (2) Nauchno-issledovatel'skiy institut elektrofizicheskoy apparatury imeni D. V. Yefremova GKAE SSSR (Scientific Research Institute of Electrophysical Apparatus, GKAE SSSR).

Card 3/4

L 43088-65

ACCESSION NR: AT5007918

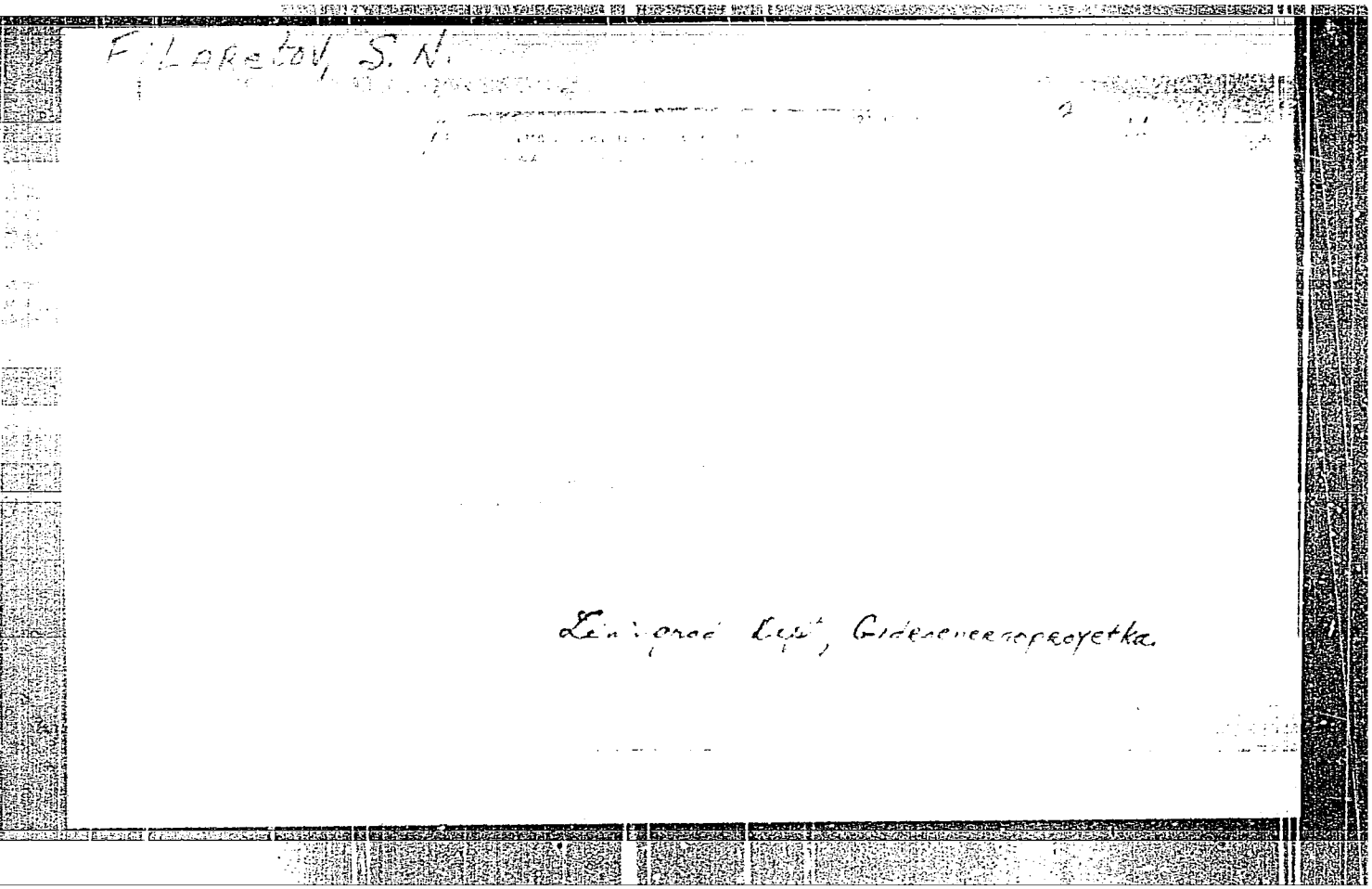
2

(3) Radiotekhnicheskiy institute AN SSSR (Radio Engineering Institute, Academy of Sciences SSSR). (4) Gosudarstvennyy proyektnyy institut GKAE SSSR (State Planning Institute, GKAE SSSR).

SUBMITTED: 26May64 ENCL: 00 SUB CODE: EE, MP

NO REF SOV: 002 OTHER: 001

Card 4/4



V.

VINTER, A.V.; NEKRASOV, A.M.; SYROMYATNIKOV, I.A.; VOZNESENSKIY, A.N.; VASILENKO, P.I.; LAUPMAN, P.P.; TERMAN, I.A.; VINOGRADOV, N.P.; ANTOSHIN, N.N.; ALEKSANDROV, B.K.; USPENSKIY, B.S.; KLASSON, I.R.; KHEYFITS, M.E.; DRUTSKIY, V.F.; KRACHKOVSKIY, N.N.; POPOV, P.A.; CHELIDZE, I.M.; FILARETOV, S.N.; KOZLOV, M.D.; BERLIN, V.Ya.; SARADZHEV, A.Kh.; GORDZIYEVICH, I.S.; PAK, V.P.; DORFMAN, S.M.; DUBINSKIY, L.A.; UL'YANOV, S.A.; GRUDINSKIY, P.G.; KUVSHINSKIY, N.N.; ERMOLENKO, V.M.

Mikhail Mikhailovich Karpov. Elek.sta. 27 no.10:62 O '56. (MLRA 9:12)
(Karpov, Mikhail Mikhailovich, d.1956)

SMIRNOV, V.S.; KAMENSKIY, M.D.; FODPORKIN, V.G.; DUKEL'SKIY, A.I.; NEYMAN, L.R.; ZALESSKIY, A.M.; KOSTENKO, M.V.; RAVDONIK, V.S.; SHCHERBACHEV, O.V.; LOPATIN, I.A.; MAMONTOVA, A.N.; FILARETOV, S.N.; KRYUKOV, K.P.; SINELOBOV, K.S.; BOSHNYAKOVICH, A.D.; BURGSDORF, V.V.; NOVGORODTSEV, B.P.; GOKHBERG, M.M.; STEFANOV, K.S.

Nikolai Pavlovich Vinogradov; obituary. Elektrichestvo no.10: 91-92 O '61. (MIRA 14:10)
(Vinogradov, Nikolai Pavlovich, 1886-1961)

FILARETOVA, A. S.

PA 167T25

USSR/Electricity - Power Transmission, Aug 50
Electromagnetic
Transport, HF

"Investigating Losses Incurred in Power Transmission by Electromagnetic Induction Through an Absorptive Medium," A. S. Filaretova, Engr, Power Eng Inst imeni Krzhizhanovskiy, Acad Sci USSR

"Elektrichestvo" No 8, pp 45-50

Experimental data for calculating comparative losses in primary (transmitting) and secondary (receiving) circuits, and total efficiency of

167T25

USSR/Electricity - Power Transmission, Aug 50
Electromagnetic
(Contd)

power transmission by electromagnetic induction through an absorptive medium, in particular for hf transport operations.

167T25

TOLSTOV, Yu.G. (Moskva); FILIPPOVA, A.S. (Moskva).

Testing circuits for powerful electric control valves. Izv. AN SSSR. Otd. tekh. nauk. no.12:111-121 D '55. (MLRA 9:3)
(Electric current rectifiers)

MOTSKUS, Ionas Balisovich, inzh.; FILARETOVA, Antonina Sergeyevna, inzh.; SENKEVICH, I.V., inzh., ved.red.; MORDVINOVA, N.P., inzh., ved. red.; PONOMAREV, V.A., tekhn. red.

[System for determining the characteristics of an electric arc and measuring the parameters of compressed air in the arc-quenching chambers of air switches. Stand for studying voltage distribution in the gaps of an arc-type rectifier] Ustanovka dlia opredeleniia elektricheskikh kharakteristik dugi i izmereniia parametrov potoka szhatogo vozdukha v gasil'nykh kamerakh vozdushnykh vykliuchatelei. Stend dlia issledovaniia raspredeleniia napriazheniia mezhdu promezhutkami dugovogo ventilia. [By]A.S.Filaretova. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1957. 21 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 35. No.P-57-31/3) (MIRA 16:3)
(Electric current rectifiers) (Electric switchgear)

FILARETOVA, A. S

Dissertations. Department of Technical Sciences, July-Dec. 1957.
Vest. Ak. Nauk SSSR, 1958, No. 4, pp. 123.

At the Inst. of Power Engineering im G. M. Krzhizhanovskiy the following dissertations for degree of Cnad. Tech. Sci. were defended:

I. B. MOTSKUS - Investigation of the Gasdynamic and Electric Processes Accompanying the Elimination of the Arc by Air Jets.

I. K. STASYULYAVICHUS - Covering of the Heat Maximum in the TET's of High and Superhigh Parameters.

A. S. FILARETOVA - The Voltage Distribution Between the Electrodes of Electric Arcs.

L. K. KHOKHLOV - Investigation of the Solubility of Salts in Steam with Super-critical Parameters.(

R. K. KHUTSARIYA - Investigation of Convection Losses of Parabolic-Cylindrical Sun Plants.

Kniz. Let. No. 25, 1956

MAMONTOV, Oleg Vasil'yevich; FILARETOVA, A.S., red.; SHIROKOVA, M.M., tekhn. red.

[Methods of cybernetics in the theory of electronic protective relays] Metody kibernetiki v teorii elektronnykh releinykh zashchit. Moskva, Gosenergoizdat, 1962. 295 p. (MIRA 15:7)
(Cybernetics) (Electronic control)

GOLEMBO, Zelik Borisovich; FILARETOVA, A.S., red.; LARIONOV, G.Ye., tekhn. red.

[Use of cybernetic techniques in electrical engineering] Primenenie metodov kibernetiki v elektrotekhnike. Moskva, Gosenergoizdat, 1962. 302 p. (MIRA 15:7)
(Electric engineering) (Electronic digital computers)

BESSONOV, L.A., doktor tekhn. nauk, prof.; DEMIDOVA, I.G.; KOTOVA, L.F.; LINNICHENKO, N.N.; OCHAN, V.V.; SEREDNITSKIY, L.M.; VOSTROKNUTOV, N.G., retsenzent; OLEKSEYEVICH, V.P., retsenzent; FILARETOVA, A.S., retsenzent; ZARUDI, M.Ya., retsenzent; ZAIKA, Ye.V., st. prepod., retsenzent

[Textbook on the theoretical principles of electrical engineering] Zadachnik po teoreticheskim osnovam elektrotekhniki. [By] L.A.Bessonov i dr. Moskva, Vses. zaochnyi energ. in-t, 1963. 212 p. (MIRA 16:10)
(Electric engineering)

68.22

5.2200

S/126/60/009/02/007/033
E111/E335

AUTHORS: Dorin, V.A. and Filaretova, G.M.

TITLE: Investigation of the Growth of a Lead Sulphide Film on Lead in Contact with Liquid Sulphur

PERIODICAL: Fizika metallov i metallovedeniye, 1960, Vol 9, Nr 2, pp 195 - 201 (USSR)

ABSTRACT: The process of growth was studied in the range 175 to 300 °C by placing lead samples in liquid sulphur. X-ray analysis showed that the film formed consisted of one compound only with the composition of PbS. Figure 1 shows a micrograph of the sulphide film obtained at 200 °C. the thickness was measured by a comparator IZA-2. Figure 2 shows that there is a linear relationship between the thickness and time. The rate of growth has an exponential relationship with temperature (Figure 3). The effect of impurities in both the lead and sulphur was studied.. The films obtained on lead containing 1 at. % Sn, Cd or Zn were very thin. An addition of 1 at. % of Cu had no effect. Experiments in vacuo showed that the presence of air considerably

Card1/2