

S/137/62/000/005/103/150
A006/A101

AUTHORS: Kutaytseva, Ye. I., Filippova, Z. G., Butusova, I. V.

TITLE: The effect of some elements upon recrystallization processes of alloys used for the cladding of sheets

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 71, abstract 5I431 (V sb. "Deformiruyemye alyumin. splavy", Moscow, Oborongiz, 1961, 53 - 58)

TEXT: The authors present results of investigating the effect of Mn, Cr, Mg, Ti and Zr upon the size of macrograins in sheets, which were quenched, stretched with different deformation degrees, and then subjected again to heating for quenching. Ingots were manufactured of A00 and A00 (AV00) grade aluminum with admixture of 0.05, 0.1 and 0.3% Mn, 0.05, 0.1 and 0.3% Zr; 0.05 and 0.1% Ti and 0.05, 0.3 and 0.5% Mg; and also ingots of A2 grade aluminum with addition of 0.03% Mn. When casting ingots in water-cooled molds unlike those obtained by semi-continuous casting, the formation of a coarse-crystal structure can be fully prevented, independent of the previous deformation degree, by adding

Card 1/2

S/137/62/000/005/103/150
A006/A101

The effect of some...

to the composition of grade "A00" Al, used for the plate-table sheets, 0.3% Mn or 0.3% Zr and also by using Al with a higher Fe content. Mn in an amount of 0.3% does not fully exclude the formation of a coarse-grained structure on the sheet surface, clad with high-purity Al (AV000). The presence of small amounts of Mn (0.03%) in the composition of the plate alloy promotes the formation of a coarse-grained structure.

T. Rummyantseva

[Abstracter's note: Complete translation]

Card 2/2

KUL'BA, F.Ya.; MIRONOV, V.Ye.; TSUN TSZIN'-YAN [TS'ung Chin-yang]; FILIPPOVA, Z.G.

Electricity conductivity of some aminates of trivalent thallium in
nitrobenzene solutions. Zhur.neorg.khim. 8 no.3:672-675 Mr '63.
(MIRA 16:4)

1. Leningradskiy tekhnologicheskij institut imeni Lenoqueta, kafedra
obshchey khimii.

(Thallium compounds—Electric properties)
(Nitrobenzene)

(Amines)

38982
S/137/62/000/006/123/163
A052/A101

17.1210

AUTHORS: Kutaytseva, Ye. I., Zhukov, S. L., Butusova, I. V., Filippova, Z. G.

TITLE: Fatigue strength of aluminum-base alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 58 - 59, abstract 61349 (V sb. "Deformiruyemye alyumin. splavy". Moscow, Oborongiz, 1961, 150 - 157)

TEXT: Mechanical properties and σ_w of alloys of the Al-Mg-Si system lying on the sections parallel to the sides Al-Mg and Al-Si of concentration triangle were investigated. All alloys had a constant content of 0.35 - 0.4% Mn and 0.17 - 0.2% Cr and were prepared of A00 Al. The ingots, after having been poured into a water-cooled mold, were diffusion-annealed for 24 hours at 470°C and pressed at 470 - 490°C in rods 22 mm in diameter. The heat treatment consisted of 40 min. heating at 520°C in a saltpeter bath, water hardening and artificial ageing at 150°C during 15 hours. It is shown that an increase in percentage of Mg₂Si phase in the solid solution leads to a continuous increase of σ_b and decrease of δ . An excess of Si at a constant Mg and Mg₂Si content increases sharp-

Card 1/3

S/137/62/000/006/123/163
A052/A101

Fatigue strength of aluminum-base alloys

ly σ_b and decreases δ . In this case σ_w increases from 8 to 11 kg/mm² only in alloys with 0.8% Mg₂Si. An excess of Mg of up to 0.7% in alloys with 0.8% Mg₂Si contributes to an increase of σ_b and to decrease of δ at a practically constant σ_w . A further increase of Mg content results in a drop of σ_b , σ_w and a rise of δ . In alloys with 1.4 and 1.9% Mg₂Si an increase of Mg to 2% decreases sharply σ_b and increases δ . An increase of Mn content from 0.3 to 0.6% in alloys of 6061 (1.1% Mg + 0.6% Si) and AB (AV) (1.0% Mg + 1.2% Si) types leads to an increase of σ_b and σ_w . The most rational AV alloy composition securing the stability of properties of pressed products is suggested: 0.8 - 1.2% Si, 0.6 - 1.0% Mg, 0.4 - 0.9% Mn. Comparative fatigue strength tests at a cantilever bending of smooth and notched samples carried out on standard AB (AV), AMГ 3 (AMG3), Д1 (D1), Д16 (D16), В 95 (V95) and АК 8 (AK8) alloys have shown that АК 8, D16 and V95 alloys have maximum σ_w . σ_w of D1, D16 and V95 alloys is in a direct dependence on ageing conditions. In the case of V95 alloy maximum σ_w is reached after 16 hour ageing at 140 C. An addition of Mn or Cr to Al=Mg=Zn or Al=Mg=Zn=Si alloys contributes to an increase of σ_b , σ_w and to a sharp decrease of δ . However, in alloys with Cr, σ_b and σ_w are lower than in alloys with Mn. A simultaneous presence of 0.35% Mn and 0.16% Cr in V95 alloy makes it possible to ob-

Card 2/3

Fatigue strength of aluminum-base alloys
tain high σ_b and σ_w at a satisfactory δ .

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AC52/A101

E. Kadaner.

[Abstracter's note: Complete translation]

X

Card 3/3

ACCESSION NR: AT4037663

S/2981/64/000/003/0216/0226

AUTHOR: Kutaytseva, Ye. I.; Filippova, Z. G.

TITLE: Effect of heat treatment conditions on the mechanical properties and surface quality of pressed parts made of alloys V95 and D16

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 216-226

TOPIC TAGS: aluminum, aluminum alloy, malleable aluminum alloy, alloy V95, alloy D16, alloy mechanical property, alloy heat treatment, alloy surface quality, aluminum pressing

ABSTRACT: Rejects of pressed shapes due to the presence of dark spots on their surface are frequently encountered in practice, since investigations have shown a reduction in strength at such points. The formation of dark spots on the surface of pressed parts is connected with the conditions under which they are quenched. In case of dense packing of parts, steam pockets may form between them and reduce the cooling rate. Dark spots have frequently been observed on parts made of alloy V95. The present study on pressed specimens of V95 and D16 aluminum alloys was designed to determine the influence of the time consumed for the transfer of specimens from the saltpeter bath to the quenching

Card 1/5

ACCESSION NR: AT4037663

tank on the mechanical properties, the electric resistivity, and the surface quality. The influence of manganese and zirconium on the mechanical properties and rate of transformation of the solid solution was also studied. Both freshly quenched and quenched and aged specimens were tested. Some of the effects on strength are shown in Figures 1 and 2 of the Enclosure. The electrical resistivity generally decreased sharply when the transfer from the salt-peter bath to the quenching tank took more than 30 seconds, although the effect was much less in the absence of Mn and Cr. On the basis of the results obtained it is concluded that the appearance of dark spots on the surface of heat treated pressed products after anodizing is caused by transformation of the solid solution, and depends on the chemical composition of the alloy as well as on the conditions during heat treatment. Thus, all factors which stimulate the transformation of solid solutions will promote the formation of dark spots. Under normal conditions, the dark spots are found to disappear on re-quenching. The presence of manganese greatly affects the transformation rate of a solid solution, particularly in alloy V95 and to a lesser degree in alloy D16. Correspondingly, the influence of the time consumed for transfer of specimens from the salt-peter bath to the quenching tank is greater for alloy V95 than for D16. Quantities of zirconium on the order of 0.15 - 0.25% also produce a considerable increase in the strength of pressed products made of alloy V95. However, the transformation rate of the solid solution is lower with zirconium than with manganese, and therefore the alloy is less sensitive to the conditions of heat treatment. This property can be significant for

Card 2/5

ACCESSION NR: AT4037663

improving the quenching of large-sized parts. Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: None

SUBMITTED: 00

SUB CODE: MM

DATE ACQ: 04Jun64

NO REF SOV: 000

ENCL: 02

OTHER: 000

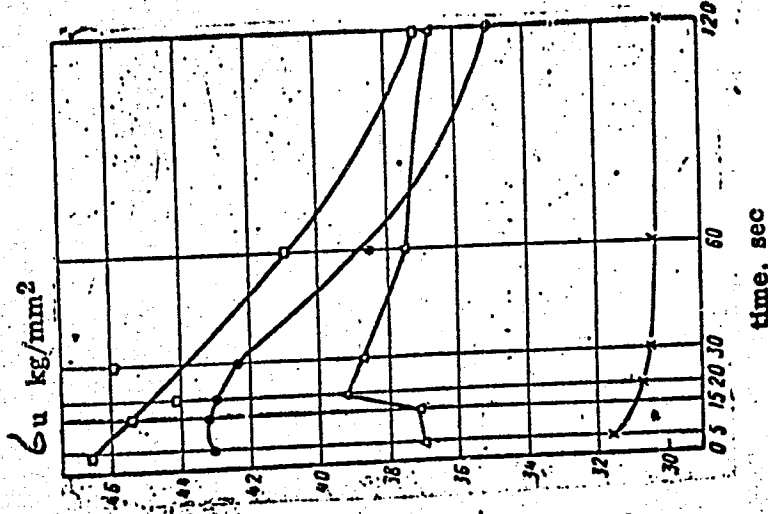
Card

ACCESSION NR: AT4037663

ENCLOSURE: 01

Fig. 1 - Ultimate strength of Aluminum Alloys in freshly quenched condition versus time consumed for transfer of specimens from the Saltpeter Bath to the Quenching Tank

- - V95
- x - V95 without Mn and Cr
- Δ - V95 without Mn and Cr, but with Zr
- - D-16



Card 4/5

MUKHLENOV, I.P.; DOBKINA, Ya.I.; TRABER, D.G.; DERYUZHKINA, V.I.;
FILIPPOVA, Z.G.

Effect of the concentrations of impregnating solutions on the
chemical composition and structure of a mechanically strong
contact vanadium mass. Khim. prom. 41 no.10:751-754 O '65.
(MIRA 18:11)

MUKIMOV, S.M.; KRYLOVA, N.I.; FILIPPOVA, Z.I.

Reactions in melts of Na, K, Mg, and Ca sulfates. Trudy Inst. Khim.,
Akad. Nauk Uzbek. S.S.R., Inst. Khim., No.2, Obshchaya i Neorg. Khim.
113-22 '49. (MIRA 5:12)
(CA 47 no.19:9839 '53)

MUKIMOV, S.M.; FILIPPOVA, Z.I.

Reactions in melts of Na, K, Mg, and Ca sulfates. Trudy Inst. Khim.,
Akad. Nauk Uzbek. S.S.R., Inst. Khim. No.2, Obshchaya i Neorg. Khim.
123-32 '49. (MLRA 5:12)
(OA 49 no.19:9839 '53)

ACC NR: AR7004036 (A) SOURCE CODE: UR/0081/66/000/022/M005/M005

AUTHOR: Buki, Yu. M. ; Filippova, Z. K.

TITLE: Effect of surface-active agents on the mechanical properties of high strength sintered corundum

SOURCE: Ref. zh. Khimiya, Part II, Abs. 22M34

REF SOURCE: (Sb. nauchn. tr.) Ukr. n. -i. in-t ogneporov, vyp. 8(55), 1965, 76-86

TOPIC TAGS: corundum, sintering, surface-active agent, lubricant surface active agent, mechanical property

ABSTRACT: The effect of the following surface-active agents on the strength properties of corundum ceramics has been investigated: water, H_2SO_4 and HCl solutions; paste based on secondary alcohols, oleic acid; self-emulsifying oil; and turpentine. The tensile strength of corundum ceramics is lowered most by water, oleic acid, self-emulsifying oil, and turpentine. In machining of corundum ceramics, surface-active agents are recommended for lowering the strength characteristics, for lubrication and for cooling. In practice, however, water and acids, being the

Card 1/2

ACC NR: AR7004036

most active surface-active agents, cannot be used for machining corundum ceramics since they corrode machines and do not lubricate. Exposure to surface-active agents insignificantly lowers the strength of ceramics. However, environmental humidity considerably reduces the strength properties of ceramics. Orig. art. has a bibliography of 11 reference items. Author's abstract. [Translation of abstract] [AM]

SUB CODE: 11/

Card 2/2

FRATKIN, Z.G.; MOSHKOVICH, G.N.; FILEPPOVA, Zh.A.

Determination of sodium and potassium in titanium dioxide by flame
photometry. Zav. lab. 31 no.9:1090-1091 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii.

L 1471-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5022170

UR/0032/65/031/009/1090/1091

AUTHOR: Fratkin, Z. G.; Moshkovich, G. N.; Filippova, Zh. A.

TITLE: Determination of sodium and potassium in titanium dioxide by flame photometry

SOURCE: Zavodskaya laboratoriya, v. 31, no. 9, 1965, 1090-1091

TOPIC TAGS: sodium, potassium, titanium dioxide, flame photometry, quantitative analysis, photometric analysis

ABSTRACT: In the method proposed to determine alkali elements in titanium dioxide, the latter is reacted with gaseous hydrogen fluoride at 400C, and the volatile titanium tetrafluoride formed is driven off. Sodium and potassium are left over and are determined in solution with model III Zeiss flame photometer with an interference light filter, the spectrum being excited with an air-acetylene flame. Aqueous solutions of sodium and potassium chloride serve as the standards. Titanium impurities do not interfere with the analysis. The sensitivity of the determination is $2 \times 10^{-4}\%$, and the mean-square-error of a single determination is 10%. Orig. art. has: 1 table.

Card 1/2

34
33
B

L 1471-66

ACCESSION NR: AP5022170

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii (All-Union Scientific Research Institute of Halurgy)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, GC

NO REF SOV: 002

OTHER: 001

Card

2/2

99

SESSION NR: AP5015691

UR 0076 40 039 100 11.11.1907
541 48 111 128

AUTHOR: Shneyerson, A.L.; Minlovich, M.A.; Filippova, Zh. M.; Soroko, S.N.;
L.A.

Liquid-vapor equilibrium in the systems nitric acid-water-magnesium
nitrate, calcium nitrate, and nitric acid-water-calcium nitrate

Source: Zhurnal fizicheskoy khimii, v. 39, no. 6, 1965, 1404-1407

Subject terms: magnesium nitrate, calcium nitrate, nitric acid, phase equilibrium,
isotropy mixture

Summary: The presence of magnesium nitrate, calcium nitrate, or their mixtures in

EXHIBITION NR. AP5015691

... on the zoeotropic point of nitro acid ... additive.

... 100 mg and 2 tablets.

SUBMITTED: 13Feb64

ENCL: 02

SUB CODE: IC

REF SOV: 003

OTHER: 004

Card 2/4

L 10197-66 EWP(m)/EWP(t)/EWP(b) LJP(c) JD

ACC NR: AP5028456

SOURCE CODE: UR/0286/65/000/020/0019/0019

AUTHORS: ⁵⁵ Minovich, M. A.; Shneyerson, A. L.; Filippova, Zh. M.; Atroshchenko, V. I.; Zasorin, A. P.; Ivanovskiy, F. P. ⁵⁵ ⁵⁵

ORG: none

41
B

TITLE: Method for obtaining nitric acid, ^{2/5} Class 12, No. 175492 [announced by ⁵⁵ State Scientific Research and Design Institute for the Nitrogen Industry and Products of Organic Synthesis (Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 19

TOPIC TAGS: nitric acid, nitrogen oxide, nitrogen compound

ABSTRACT: This Author Certificate presents a method for obtaining nitric acid at a pressure of 4-9 atm by absorbing gaseous nitrogen oxides in water in an absorption tray-type column. To obtain 68-80% nitric acid, liquid oxides of nitrogen are introduced into the column at a point below the formation of 50-63% nitric acid. The reaction may also be carried out by introducing air into the column at a point below which the liquid oxides of nitrogen are introduced.

SUB CODE: 11/ SUBM DATE: 18Oct63/

Card 1/1

UDC: 661.56

SMYERNSON, A.L.; FILIPPOVA, Zh.M.; MINIOVICH, M.A.

Density and viscosity of concentrated solutions of magnesium
nitrate within 100°-150° temperature range. Zhur.prikl.khim.
38 no.9:2110-2112 S '65.

(MIRA 18:11)

SHNEYERSON, A.L.; MINIOVICH, M.A.; FILIPPOVA, Zh.M.; SOROKO, S.N.;
PLATONOV, P.A.

Liquid-vapor equilibrium in the systems $\text{HNO}_3 - \text{H}_2\text{O} - \text{Mg}(\text{NO}_3)_2$,
 $\text{HNO}_3 - \text{H}_2\text{O} - \text{Ca}(\text{NO}_3)_2$, and $\text{HNO}_3 - \text{H}_2\text{O} - \text{Mg}(\text{NO}_3)_2 - \text{Ca}(\text{NO}_3)_2$.
Zhur. fiz. khim. 39 no.6:1403-1407 Je '65.

(MIRA 18:11)

1. Gosudarstvennyy institut azotnoy promyshlennosti. Submitted
Feb. 13, 1964.

CA FILIPPOVA, Z.T.

10

The nitric acid balance in the oxidation of xylose. N. V. Chalov and Z. T. Filippova. *Zhur. Priklad. Khim.* (J. Applied Chem.) 22, 1273-8(1949).—Analysis of the products of oxidation of xylose by HNO₃ at elevated temp. in a N stream at 60° gave the following product distribution. With acid of d. 1.3, 50.6–52.6% of the HNO₃ enters the reaction and goes to NO and NO₂, 45–7% does not react, and 2–4% is lost. The NO/NO₂ ratio is 3.08–3.57. In order to lower the amt. of unchanged acid the use of more concd. acid (50.4%, d. 1.37) was studied. This leaves only 20%

unreacted acid. The amt. of acid for optimum yield of trihydroxyglutaric acid is 170–200 g. HNO₃/100 g. xylose; hence, the best yield, 62.8%, was obtained with 250 g. 50% HNO₃. The amt. of (CO₂H)₂ formed ranges from 1.5 to 5.24%. G. M. Kosolapoff

All-Union Sci Res Inst. Sulfite, Alcohol and Hydrolysis Industry

FILIPPOVA*NUPRIKHINA, A. L.; RESHETNIKOVA, A.D.; FADEYEVA, M.A.;
YESIKOV, M.S.; KOLTUNOV, M.V. and GRACHEVA, L.I.

"The Results of Testing Nursery-age Children and their Mothers
for Toxoplasmosis"

Voprosy toksoplazmoza, report theses of a conference on toxoplasmosis,
Moscow, 3-5 April 1961, publ. by Inst Epidemiology and Microbiology
im. N. F. Gamaleya, Acad. Med. Sci USSR, Moscow, 1961, 69pp.

FILIPPOVA-NUTRIKHINA, Z. L.

Rauchfuss-Vincent angina in children. Uchen. zapiski vtor. moskov.
med. Inst. Stalina 1:202-207 1951. (CIML 21:3)

1. Assistant. 2. Clinic for Children's Diseases (Director --
Prof. N. I. Osinovskiy) of the Therapeutic Faculty located at
the Children's Clinical Hospital (Head Physician -- Ye. V.
Prokhorovich).

FILIPPOVA-NUTRIKHINA, Z.L.

Certain data on changes in the cardiovascular system in children in viral influenza. *Sovet. med.* 16 no.12:15-17 Dec 1952. (GLML 23:4)

1. Candidate Medical Sciences. 2. Of the Children's Clinic of the Therapeutic Faculty of Second Moscow Medical Institute imeni I. V. Stalin (Director -- Prof. N. I. Gsinovskiy located at the Children's Polyclinic No 10 of Moscow (Director Ye. I. Rabinovich).

FILIPPOVA-NUTRIKHINA, Z.I.

(Review)

Influenza in young children. V.V.Ritova. Reviewed by Z.I.
Filippova-Nutrikhina. *Pediatrics* no.2:89 Mar-Apr '54. (MLRA 7:6)
(INFLUENZA) (RITOVA, V.V.)

FILIPPOVA-NITRIKHINA, Z.I., kandidat meditsinskikh nauk; **MAKAROV, V.N.,**
sav. elektrokardiograficheskim kabinetom

Case of chronic paroxysmal tachycardia in an 11-year-old boy.
Pediatria no.5:78-81 S-0 '54. (MIRA 7:12)

1. Iz kliniki gosptal'noy pediatrii (dir. K.F.Popov) pediatriche-
skogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V.
Stalina na base Detskoy bol'nitsy imeni N.F.Filatova (glavnyy
vrach M.N.Kalugina)

(TACHYCARDIA, PAROXYSMAL, in infant and child,
case report)

~~Filippova-Nutrikhina, Z.L.~~

~~FILIPPOVA-NUTRIKHINA, Z.L.~~

"Rights of mother and child in the U.S.S.R." S.E.Kopelianskaia.
Reviewed by Z.L.Filippova-Nutrikhina. Pediatria no.6:93-94 N-D '54.
(KOPELIANSKAIA, S.E.) (MIRA 8:4)
(MATERNAL AND INFANT WELFARE)

EXCERPTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept 56

1934. FILIPPOVA-NUTRIKHINA Z. L. Med. Inst. Stalin, Moscow. * On the symptomatology and morphological features of influenza in children (Russian text) SOVETSK. MED. 1955, 9 (38-40)
The article is based on autopsies of 33 children who died from influenza during the period of January 1948 to June 1950. In infants the toxic symptoms and digestive disturbances were prominent; in children of 1-3 yr. of age pneumonia and laryngitis were recorded, in addition to encephalitis and meningitis. Death from influenza affected mostly infants at the end of the first or second week of the disease. Necrotic tracheo-bronchitis and haemorrhagic pneumonia as well as haemorrhages into visceral organs were recorded. Degenerative lesions of the heart were noted in about 50% of the cases.

Anigstein - Galveston, Tex. (V, 7)

KIFER, Ye.L., kandidat meditsinskikh nauk; ~~FILIPPOVA-MUTRIKHINA, Z.L.~~
detsent

Congenital epidermolysis bullosa in children. Vop.okh.mat. i det. 1
no.6:73-78 N-D '56. (MLFA 10:1)

1. Iz detskogo poliklinicheskogo otdeleniya 4-y Grodskoy bol'nitsy
(zav. A.S.Adamova) i kliniki gospital'noy pediatrii pediatricheskogo
fakul'teta II Moskovskogo gosudarstvennogo meditsinskogo instituta
imeni I.V.Stalina (zav. kafedroy - prof. K.F.Popov)
(SKIN--DISEASES)

FILIPPOVA-NUTRIKHINA, Z.L.; DEMINA, G.V.

Changes in the peripheral blood of young children during influenza.
Vop.okh.mat.i det. 3 no.2:53-58 Mr-Apr '58. (MIRA 11:3)

1. Iz kafedry gosital'noy pediatrii (zav.-prof. K.F.Popov, nauchnyy
rukovoditel'-prof. M.M.Bubrnova) II Moskovskogo gosudarstvennogo
meditsinskogo instituta imeni N.I.Pirogova.
(INFLUENZA) (BLOOD)

FILIPPOVA-NUTRIKHINA, Z.L.

VASINA, S.G.; VOYT, Ye.B.; FILIPPOVA-NUTRIKHINA, Z.L.

Congenital toxoplasmosis. Vop.okh.mat. i det. 3 no.3:58-65 My-Je '58.
(MIRA 11:5)

1. Iz Instituta malyarii, meditsinskoy parazitologii i gel'mintologii
Ministerstva zdavookhraneniya SSSR, iz patologoanatomicheskogo otdeleniya
(zav.-doktor med.nauk L.O. Vishnevetskaya) i kafedry gospital'noy
pediatrii II Moskovskogo meditsinskogo instituta (zav.-prof. K.F.
Popov, nauchnyy rukovoditel'-prof. M.M. Bubnova) na baze detskoy
klinicheskoy bol'nitsy imeni I.V. Rusakova (glavnyy vrach-dotsent
V.A. Krushkov).

(TOXOPLASMOSIS)

FILIPPOVA-NUTRIKHINA, Z. L.; YESIMOV, M.S. ; KOLTUNOV, A.G.;
RESHETNIKOVA, A.D. and FADEYEVA, M.A.; PUGACHEV, A.G.
"Materials on the Diagnosis of Toxoplasmosis in Children"

Voprosy toksoplazmoza, report theses of a conference on toxoplasmosis,
Moscow, 3-5 April 1961, publ. by Inst Epidemiology and Microbiology
im. N. F. Gamaleya, Acad. Med. Sci USSR, Moscow, 1961, 69pp.

FILIPPOVA-NUTRIKHINA, Z.L.

Treatment of congenital toxoplasmosis in children. Vop. okh. mat.
i det. 6 no.4:29-33 Ap '61. (MIRA 14:6)

1. Iz kafedry gosital'noy pediatrii (zav. - prof. K.F.Popov)
II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova na
baze Gertskey klinicheskoy bol'nitsy imeni I.V.Rusakova (dir. -
dotsent V.A.Kruzhkov). (TOXOPLASMOSIS)

FILIPPOVA-NUTRIKHINA, Zoya Leont'yevna; NEYMAN, M.I., red.; BALDINA,
N.F., tekhn. red.

[Toxoplasmosis] Toksoplazmoz. Moskva, Medgiz, 1962. 19 p.
(MIRA 15:10)

(TOXOPLASMOSES)

FILIPPOVA-NUTRIKHINA, Z.I.

Influenza in children during the first year of life. Vop.okh.mat.i
det. 7 no.4:18-23 Ap '62. (MIRA 15:11)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. K.F.Popov)
II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.
(INFLUENZA)

RESHETNIKOVA, A.D.; FADEYEVA, M.A.; FILIPPOVA-NUTRIKHINA, Z.L.; YESIKOV, M.S.;
KOLUTNOV, M.V.; PUGACHEV, A.G.

Diagnosis of toxoplasmosis in children. Sov.med. 25 no.1:47-50
Ja '62. (MIRA 15:4)

1. Iz kafedry gosital'noy pediatrii II Moskovskogo meditsinskogo
instituta (zav. - prof. K.F.Popov) i kafedry detskoy khirurgii
(zav. - prof. S.D.Ternovskiy).
(TOXOPLASMOSIS)

FILIPPOVICH, A.

Intensifying the training of building specialists for collective farms. Sel'.stroj. ll no.1:28-29 Ja '56. (MIRA 9:6)

1. Starshiy inzhener Glavkolkhozstroya Ministerstva gorodskogo i sel'skogo stroitel'stva RSFSR.
(Building trades--Study and teaching)

FILIPPOVICH, A., inzhener; NOVOSELOV, N.

Carry out building on collective farms all year long. Sel'stroi.
11 no.11:3-5 N '56. (MIRA 10:1)

1. Korrespondent zhurnala "Sel'skiy stroitel".
(Bogorodsk District--Building)

ФИЛИППОВИЧ, А. Инженер.

First successes. Sel'.stroj. 12 no.5:22-23 My '57. (MIRA 10:7)
(Construction industry)

FILIPPOVICH, A.

Construction on collective farms is conducted according to new
methods. Sel'. stroi. 12 no.11:22-24 N '57. (MIRA 10:11)

1. Starshiy inzhener Glavkolkhosstroya Ministerstva sel'skogo kho-
zyaystva RSFSR.

(Construction industry)

Filippovich, A.

FILIPPOVICH, A.

Stavropol construction organisations serving more than one collective
farm. Sel'.stroil.12 no.12:4 D '57. (MIRA 10:12)

1. Starshiy inzhener Glavkolkhozstroya Ministerstva sel'skogo
khozyaystva RSFSR.
(Stavropol Territory--Construction industry)

FILIPPOVICH, A.

A young organization gets stronger. Sel' stroi. 13 no.8:8-9
Ag '58. (MIRA 11:9)

1. Starshiy inzh. Glavkolkhozstroya Ministerstva sel'skogo
khozyaystva RSFSR.
(Degtyanka District--Farm buildings)

FILIPPOVICH, A., starshiy inzhener

Interfarm building organisation of Osinskiy District speeds up
construction. Sel'strei. 14 no.6:13-14 Je '59.
(MIRA 12:9)

1. Glavkolkhozstroy Ministerstva sel'skogo khozyaystva RSFSR.
(Osinskiy District--Building)

FILIPPOVICH, A.

Seven-year plan of the Yekaterinovka interfarm building organization.
Sel'.stroj. 14 no.9:14-15 8 '59. (MIRA 12:11)

1. Starshiy inzhener Glavnogo upravleniya stroitel'stva Ministerstva
sel'skogo khozyaystva RSFSR.
(Yekaterinovka District--Building)

FILIPPOVICH, A., insh.

Bashkirian interfarm building organization. Ssl'.strof. 15
no.5:10 My '60. (MIRA 13:8)
(Bashkiria--Building)
(Bashkiria--Collective farms--Interfarm cooperation)

FILIPPOVICH, A., starshiy inzh.

He answers the readers' letters. Sel'. stroi. 15 no. 2:30 F '61.
(MIRA 14:5)

1. Glavnoye upravleniye stroitel'stva Ministerstva sel'skogo
khozyaystva RSFSR.

(Construction industry)

FILIPPOVICH, A., starshiy inzh.

Increase the skill of rural builders. Sel'stroi. 15 no.1:21
Ja '60. (MIRA 15:7)

1. Upravleniye po stroitel'stvu kolhozakh Ministerstva
sel'skogo khozyaystva RSFSR.
(Construction workers--Education and training)

1. FILIPPOVICH, A. A.
2. USSR (600)
4. Intestines - Tumors
7. Hemangioma of the mesentery of the small intestine, Vest. khir., 73, no. 2, 1953.

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

FILIPPOVICH, A. N.

DECEASED

1963/3

c' 1962

BIOLOGY -
diseases

see ILC

FILIPPOVICH, A.N.

Clinicoepidemiological characteristics of an outbreak of
dysentery spread by way of water. Zdrav. Bel. 9 no.1:
57-58 J'63. (MIRA 16:8)
(MINSK—DYSENTERY)

TURBIN, N.V., akademik; TROITSKIY, N.A.; FILIPPOVICH, A.S.; BUDOVSKIY, E.I.;
KOCHETKOV, N.K.

Comparison of the mutagenic activity of hydroxylamine and O-methyl-hydroxylamine. Dokl. AN SSSR 158 no.5:1197-1198 0 '64.

(MIRA 17:10)

1. AN BSSR (for Turbin). 2. Chlen-korrespondent AN SSSR (for Kochetkov).

FILIPPOVICH, B.

At the Bulayevo elevator. Muk.-elev. prom. 23 no.4:6-8 Ap '57.
(MIRA 10:5)

1. Vileyskiy khlebopriyemnyy punkt Molodechnenskoj oblasti.
(Bulayevo--Grain handling)

TEREKHOV, A.; KALININ, V.; FILIPPOVICH, B.; P'YANENKO, V., inzhener.

Problems pertaining to the organization of grain cleaning.

Muk.-elev.prom.23 no.8:7-10 Ag '57.

(MIRA 10:11)

1. Belotserkovskiy sel'skokhozyaystvennyy institut (for Terekhov).
2. Udmurtskoye respublikanskoye upravleniye khleboproduktov (for Kalinin).
3. Vileyskiy khlebopriyemnyy punkt Molodechnenskoj oblasti (for Filippovich).
4. Moskovskaya normativno-issledovatel'skaya stantsiya (for P'yanenko).

(Grain--Cleaning)

FILIPPOVICH, B.

Unloading bran and feed from railroad cars. Mukh.-elev. prom. 24
no. 4:25 Ap '58. (MIRA 11:5)

1. Vileyskiy khlebopriyemnyy punkt Molodechnenskoj oblasti.
(Loading and unloading)

FILIPPOVICH, B.

Get the equipment ready for use in time. Muk.-elev.prom. 25
no.6:5 Ja '59. (MIRA 12:9)

1. Zamestitel' direktora Zolotorunnogo khlebopriyennogo punkta
Kokchetavskoy oblasti.
(grain elevators--Equipment and supplies)

GAN'ZHIN, V.; FILIPPOVICH, B.; ANDREYEV, G.

Problems in the management and organization of work at grain receiving enterprises. Muk.-elev. prom. 28 no.8:20-22 Ag '62. (MIRA 17:2)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Orenburgskogo upravleniya khleboproduktov (for Gan'zhin). 2. Glavnyy agronom Petropavlovskogo elevatora (for Filippovich). 3. Zamestitel' direktora po kachestvu Tan-kerisskogo khlebopriyemnogo punkta TSelinogradskoy oblasti (for Andreyev).

FILIPPOVICH, B.A., mayor meditsinskoy sluzhby, kand.med.nauk

Surgical treatment of epiphora in diseases of the lacrimal points.
Voen.-med.zhur. no.4:78 Ap '60. (MIRA 14:1)
(LACRIMAL ORGANS—SURGERY)

MARSHAIKOVICH, D.B., polkovnik meditsinskoy sluzhby; SACHENKO, N.I.,
podpolkovnik meditsinskoy sluzhby; AZBUKIN, G.V., podpolkovnik
meditsinskoy sluzhby; BELOUSOV, G.G., podpolkovnik meditsinskoy
sluzhby; KITAYGORODSKIY, N.I., podpolkovnik meditsinskoy sluzhby;
FILIPPOVICH, B.A., podpolkovnik meditsinskoy sluzhby

Rendering of emergency aid at the regimental medical aid station
to persons poisoned with toxic organophosphorus substances.
Voen.-med. zhur. no.3:19-22 '65. (MIRA 18:11)

GAVRILOVA, M.A., doktor tekhn.nauk; ARTOBOLEVSKIY, S.I., doktor tekhn. nauk; BERSHTEYN, S.I., kand. tekhn. nauk; BOLGAKOV, A.A., kand. kand. tekhn. nauk; LERNER, A.Ya., doktor tekhn. nauk; MEYEROV, M.V., doktor tekhn. nauk; SUKHOV, N.K., doktor tekhn. nauk; FEL'DBAUM, A.A., doktor tekhn. nauk; FILIPPOVICH, B.I., doktor tekhn. nauk; KHAMOY, A.V., doktor tekhn. nauk; SHORIGIN, A.B., doktor tekhn. nauk

[Terminology on the basic concepts of automatic control] Terminologiya osnovnykh poniatii avtomatiki; doklad. Moskva, 1960. 31 p. (International Federation of Automatic Control, ost International Congress, Moscow, 1960. Doklady, no.232) (MIRA 14:8)

1. Natsional'nyy komitet po avtomaticheskomu upravleniyu. Nauchno-tekhnicheskii komitet terminologii. 2. Nauchno-tekhnicheskii komitet terminologii Natsional'nogo komiteta SSSR po avtomaticheskomu upravleniyu (for all).

(Automatic control—Terminology)

L 35846-66 EWP(m)/EWT(1)/EWT(m) IJP(c) JAN/WW/JW

ACC NR: AP6014990

SOURCE CODE: UR/0170/66/010/005/0620/0625

AUTHOR: Agafonova, F. A.; Filippovich, B. S.

56
B

ORG: Polytechnic Institute im. M. I. Kalinin, Leningrad
(Politekhnikheskiy institut)

TITLE: Investigation of the critical ^{2/}heat fluxes in the high velocity
flow of a gas-liquid mixture at low pressures

SOURCE: Inzhenerno-fizicheskij zhurnal, v. 10, no. 5, 1966, 620-625

TOPIC TAGS: heat transfer, heat flux, gas flow, liquid flow, SURFACE
FILM, PIPE FLOW, VAPORIZATION

ABSTRACT: If the velocity of the movement of a liquid in a film is sufficiently large, the process of vapor formation at the tube wall can be suppressed by convection, and vaporization of the liquid takes place only from the surface of the film. The main difference in the mechanism of the boiling crisis in this case from the boiling crisis in the usual case consists in the fact that a sharp worsening in heat transfer conditions occurs as a result of the total vaporization of the liquid phase. The article shows motion picture photos which show that with an increase in the heat load from 0 to 1.5 watts/m² the film disappears and destruction of the plate takes place. The article gives a mathematical

Card 1/2

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treatment of the subject, based on the assumption that, in the absence of a heat flux, the film at the well has a constant thickness. The results show that the specific heat flux of the flow increases with an increase of the liquid content of the flow, and decreases with an increase in the vapor flow rate. An increase in the length of the working section leads to a decrease in the critical heat flux. Orig. art. has: 8 formulas and 2 figures.

SUB CODE: 20/ SUBM DATE: 11Jan66/ ORIG REF: 003/ OTH REF: 007

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Card 2/2

SAZHIN, B.I.; FILIPPOVICH, D.S.

Electric conductivity of polymers. Part 6: Calculation of specific resistances in the region of dipole-radical polarization. Vysokom. soed. 5 no.8:1207-1212 Ag '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh plastmass.

(Polymers--Electric properties)
(Polarization (Electricity))

KRASIL'NIKOV, L.V., inzh.; FILIPPOVICH, E.M., inzh.

Contactless multiple-point temperature signaling system. Elek.
sta. 36 no.1:80-82 Ja '65. (MIRA 18:3)

KLYUCHAREV, A.A., dotsent; FILIPPOVICH, F.K., vrach; KUL'SHINSKAYA, Ye.P.,
vrach; STAROVOYTOVA, T.D., vrach

Characteristic clinical features of dysentery in adults. Zdrav.
Belor. 6 no.3:51-53 Mr '60. (MIRA 13:5)

1. Iz kafedry infektsionnykh bolezney Minskogo meditsinskogo insti-
tuta (zaveduyushchiy - professor A.N. Filippovich) i Minskoy in-
fektsionnoy klinicheskoy bol'nitsy (glavnyy vrach Z.G. Alikina).
(DYSENTERY)

CHIKALENKO, G.A., inzh.; DANILOV, M.S., inzh.; FILIPPOVICH, G.T., inzh.;
DANILOV, M.S., inzh.

Deposition decoxidation of carbon steel for shape casting.
Mashinostroenie no.1:57-59 Ja-F '64. (MIRA 17:7)

FILIPPOVICH, I. F.

2
The localization of cytochrome oxidase in the plant cell. N. M. Sisakyan and I. F. Filippovich (A. N. Bakh Inst. Biochem., Acad. Sci. U.S.S.R., Moscow). -- *Biokhimiya* 21, 163-7 (1950). -- In the isolated chloroplasts of the tobacco leaf the presence of actively functioning cytochrome oxidase (I) was demonstrated. Repeated washing of the chloroplast fraction with sucrose phosphate solution considerably enhanced the activity of I. It was found in all fractions of the tobacco-leaf homogenates, except in the supernatant resulting from centrifugation at 22,000 r.p.m. The highest activity of I was found in the fraction of chloroplast sedimented by centrifugation at 550 r.p.m. This fraction also contained the major part of the chlorophyll. The determination of the activity of I must be made in the presence of diethyldithiocarbamate, which prevents the accumulation of quinones and their inhibiting effect upon the activity of I.

B. S. Levine

112

CA

The character of the changes of activity of respiratory enzymes during the process of the stepwise development of a plant. N. M. Sirakyan and I. I. Filippovich. *Doklady Akad. Nauk S.S.S.R.* 76, 443-4 (1961).—Examn. of the enzymic systems of wheat and barley during winterizing and during the light phase of development revealed that during winterizing a noticeable increase of respiration occurs (max. in 40 days in wheat and 33 days in barley). Peroxidase and polyphenoloxidase are active in wheat, but no ascorbic acid oxidase is found; barley shows activity of all enzymes. Cytochrome oxidase in wheat declines rapidly and vanishes in 6 days, and in 24 days in barley. In wheat the light phase leads to rapid rise of the 3 principal oxidases, a similar but somewhat smaller increase occurring in barley. Indications are that the light phase in itself is not responsible for the abrupt increase of oxidative activity, but rather is the result of the onset of the appropriate stage of plant development at that time. The nonwinterized specimens of barley all contain appreciable amts. of cytochrome oxidase.
G. M. Kosolapoff

FILIPPOVICH, I. I.

FILIPPOVICH, I. I. -- "The Character of the Change of Respiration and Oxidation-Reduction Enzymes During the Process of Fasic Development in Plants." Sub 25 Dec 52, Inst of Biochemistry imeni A. N. Bakh. (Dissertation for the Degree of Candidate in Biological Sciences.)

SO: Vechernaya Moskva January-December 1952

SISAKYAN, N.M.; FILIPPOVICH, I.I.

Character of metabolism in phasic development of the organism. *Zhur.ob.*
biol. 14 no.3:215-228 My-Je '53. (MLRA 6:6)
(Plants--Metabolism) (Growth (Plants))

FILIPPOVICH, I.I.

✓ Synthesis of protein in isolated chloroplasts. N. M. Sisakyan and I. I. Filippovich (A. N. Bakh Inst. Biochem., Acad. Sci. U.S.S.R., Moscow). *Doklady Akad. Nauk S.S.S.R.* 102, 579-582 (1956).—Chloroplasts, isolated from kidney bean and sugar beet leaves either by maceration in sucrose-phosphate, pressure filtration and centrifugation, or by grinding in sucrose-phosphate soln. and repeated centrifugation, all performed in the cold, were analyzed for protein and nonprotein N, and then were suspended in sucrose-phosphate soln. contg. $MgSO_4$, succinic acid, and fumaric acid, with thymol as a protecting agent. Introduction of leucylglycylglycine into the system led to displacement of the enzymic equil. in the direction of greater hydrolysis of the peptide linkages (increased nonprotein N, decreased protein N). Introduction of adenosintriphosphate (ATP) alone gave a rise in protein N and decline of sol. N. The use of glycylglycine gave a similar result. Leucoplasts from etiolated leaves of the sugar beet did not show an increase of protein N under similar conditions. The use of C^{14} glycine or its peptides showed that only traces of C^{14} are found in the plastid proteins when only glycine and ATP are used; when ATP and glycylglycine are employed, however, the protein matter acquires considerable C^{14} activity. Possibly the route for protein synthesis is a transpeptidase reaction (cf. Hanes, *et al.*, *C.A.* 46, 5628d), although chloroplasts rinsed 3 times in the cold with sucrose-phosphate soln. develop an ability to incorporate C^{14} from free glycine into their proteins; this is blocked by addn. of the centrifugate juice from the plastid isolation. Thus, the juice apparently contains inhibitors which block the enzymic uptake of C^{14} from free glycine. G. M. K. (1)

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SISAKYAN, H.M.; FILIPPOVICH, I.I.

Protein synthesis in isolated structures of plant cells [with
summary in English]. Biokhimiia 22 no.1/2:375-384 Ja-F '57.
(MLRA 10:7)

1. Institut biokhimiia im. A.N.Bakha Akademii nauk SSSR, Moskva.
(PLANTS, metabolism,
protein synthesis in vitro (Rus))
(PROTEINS, metabolism,
plant synthesis in vitro (Rus))

SISAKYAN, N.M.; ~~FILIPPOVICH~~, I.I.

Protein synthesis and cellular structures. Izv. AN SSSR, Ser. biol.
24 no.6:839-854 N-D '59. (MIRA 13:4)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R.,
Moscow.

(PROTEIN METABOLISM)

(PLANT CELLS AND TISSUES)

FILIPPOVICH, I. I.

"On the Synthesis of the Peptide Bond in Isolated Chloroplasts."

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec. 1960.

Laboratory of Enzymology of the Institute of Biochemistry Imeni A. N. Bakh,
Academy of Sciences USSR, Moscow.

FILIPPOVICH I.I. (USSR)

"Synthesis of Peptide Bonds in Isolated Chloroplasts"

Report presented at the 5th Int'l Biochemistry Congress,
Moscow, 10-16 Aug. 1961

SISAKYAN, N.M., akademik; FILIPPOVICH, I.I.; SVETAYLO, E.N.

Participation of chloroplast ribosomes in protein
synthesis. Dokl. AN SSSR 147 no.2:488-489 N '62.

(MIRA 15:11)

1. Institut biokhimii im. A.N. Bakha AN SSSR.
(PROTEIN METABOLISM)
(CHROMATOPHORES)

SISAKYAN, N.M.; KOPYAKOVA, A.M.; FILIPPOVICH, I.I.

Adenosinetriphosphatase of protoplasmic structures in plants.
Biokhimiia 28 no.6:1011-1017 N-D'63 (MIRA 17:1)

I. Institute of Biochemistry, Academy of Sciences of the
U.S.S.R., Moscow.

FILIPPOVICH, I.I.; SVETAYLO, E.N.; ALIYEV, K.; SISAKYAN, N.M., akademik

Heterogeneity of chloroplast ribosome fractions. Dokl. AN
SSSR 153 no.6:1443-1446 D '63. (MIRA 17:1)

SHEVCHENKO, L.A.; FILIPPOVICH, I.I.

Effect of antagonists of protein synthesis on the ribosomal apparatus of the yeast cell. Dokl. AN SSSR 161 no.6:1461-1464 Ap '65.

(MIRA 18:5)

1. Institut biokhimii im. A.N.Bakha AN SSSR i Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR. Submitted October 13, 1964.

FILIPPOVICH, I.V., inzh.

Determining the depth of a current in a compressed section
behind a spillway. Gidr. stroi. 31 no.9:46-47 S '61. (MIRA 14:12)
(Spillways)

PERYSKHIN, G.A., prof.; FILIPPOVICH, I.V., inzh.

"The concrete establishment at large construction projects" by G.D. Petrov. Reviewed by G.A. Peryskhin, I.V. Filipnovich. Izv.-vys.uch.zav.; stroi. i arkh. 5 no.4:181-182 '62. (MIRA 15:9)

1. Belorusskiy politekhnicheskii institut.
(Concrete plants) (Petrov, G.D.)

FILIPPOVICH, I. V., inzh.

Determination of depth on a spillway with wide threshold. Izv.
vys. ucheb. zav.; energ. 7 no.5:81-85 My '64. (MIRA 17:7)

1. Belorusskiy politekhnicheskiy institut. Predstavlena
kafedroy gidrotekhnicheskogo stroitel'stva.

FEDCSEYEV, V.M.; FILIPPOVICH, I.V.

S-derivatives of thiourea. Part 10: Preparation of
2-amino-5-bromo- Δ^2 -dihydro-1,3-thiazine. Zhur. ob.khim. 34
no. 5:1556-1561 My '64.

S-derivatives of thiourea. Part 11: Product of the reaction
of 2,3-dibromopropylamine hydrobromides with potassium
thiocyanate. Ibid.:1561-1565 (MIRA 17:7)

1. Moskovskiy gosudarstvennyy universitet.

FILIPPOVICH, I.V. (Moskva)

Control mechanisms of DNA biosynthesis. Usp. sovr. biol.
58 no. 1:22-30 J1-Ag '64. (MIRA 17:12)

ACC NR: AM6026752

Monograph

UR/

Romantsev, Yevgeniy Fedorovich; Blokhina, Vera Dmitriyevna;
Koshcheyenko, Nikolay Nikolayevich; ~~Filippovich, Igor Vladimirovich~~

Early radiation and biochemical reactions (Ranniye radiatsionno-biokhimicheskiye reaktsii) Moscow, Atomizdat, 1966. 270 p. illus., biblio., tables. 2200 copies printed.

TOPIC TAGS: radiation biochemistry, ^{cell effect} radiobiology, ~~radiation biology~~
~~effect~~, radiation chemistry, ~~radiation sensitivity~~, ~~radiation~~
~~resistance~~, radiation sickness, ~~chemical radiation protection~~,
DNA, RNA, ~~anti radiation drug~~, ~~radiation cell effect~~

PURPOSE AND COVERAGE: This book is intended for biologists and biochemists concerned with problems of radiation biochemistry. The authors investigate the nature of early biochemical changes in the living cell following irradiation, and the effect of protective chemicals used in counteracting radiation in the living organism. The formation of peroxides and peroxide-like compounds, the effect of radiation on the synthesis of DNA and information RNA, the formation of macroergs, and other radiation problems in radiation biochemistry are discussed. An attempt is also made to determine the relationship between the operational mechanism of several protective chemicals and "radiosensitive" biochemical reactions. Each chapter is accompanied by an extensive list of references.

Card 1/2

UDC: 613.541.15:543.9.

ACC NR: AM6026752

TABLE OF CONTENTS [abridged]:

Editor's foreword -- 3

Ch. 1. Formation of H₂O₂, organic peroxides, and peroxide-like compounds due to irradiation -- 7

Ch. 2. Effect of radiation and chemical protectives on DNA biosynthesis -- 43

Ch. 3. Effect of ionizing radiation on the biosynthesis of RNA and the possibility of normalizing it with protectors -- 120

Ch. 4. Effect of ionizing radiation on the synthesis of albumen -- 195

Ch. 5. Oxidative phosphorylation in the tissue of radiated animals -- 244

SUB CODE: 06/ SUBM DATE: 24Jan66/ ORIG REF: 336/ OTH REF: 805

Card 2/2

KAZMIN, Yu.B.; FILIPPOVICH, I.Z.; GIMMEL'FARB, G.B.

New data on the Archean stratigraphy of the southeastern part of
the Aldan Shield. Trudy VAGT no.8:85-90 '62. (MIRA 15:11)
(Aldan Plateau--Geology, Stratigraphic)

GAVRILOV, R.D.; FILIPPOVICH, I.Z.

Middle Paleozoic intrusions of granitoids in the Alay Range (southern Tien Shan). Dokl. AN SSSR 165 no.1:156-158 N '65. (MIRA 18:10)

1. Vsesoyuznyy aerogeologicheskii trest. Submitted February 4, 1965.

ALIMOV, Yevgeniy Vladimirovich; GENERSON, Bella Isaakovna;
FILIPPOVICH, K.A., red.

[Selection of the optimum technological process for the
manufacture of foundry molds and cores for unit and small-
lot production] Vybór optimal'nogo tekhnologicheskogo pro-
tssessa izgotovleniia liteirnykh form i sterzhnei pri indi-
vidual'nom i melkoseriinom proizvodstve. Leningrad, 1965.
18 p. (MIRA 18:7)

YERMOLAYEVA, Ye.Ya.; FILIPPOVICH, L.N.; SHILOVA, M.A.

Translocation of assimilates in Perilla at different stage of development[w.s.i.E.]. Trudy Bot. inst.Ser.4 no.14:73-88 '60.
(MIRA 14:3)

(Plants, Motion of fluids in)

FILIPPOVICH, L.S.

Parallel erosional dissection of some piedmont plains of
Central Asia. Izv. AN SSSR. Ser. geog. no.6:64-70 N-D '65.
(MIRA 18:11)

1. Institut geografii AN SSSR.

KOZLOV, I.V.; FADEYEVA, N.V., retsenzent; FILIPPOVICH, L.S.,
retsenzent; RASSADINA, A.P., red.; RODIONOVA, F.A., red.

[Pictures of the nature of our motherland; reader on the
physical geography of the U.S.S.R.] Kartiny prirody na-
shei Rodiny; kniga dlia chtenia po fizicheskoi geografii
SSSR. Moskva, Izd-vo "Prosveshchenie," 1964. 271 p.

(MIRA 17:7)

1. Nauchnyye sotrudniki Instituta geografii AN SSSR (for
Fadeyeva, Filippovich).

CHUMAKOV, Yu.I.; FILIPPOVICH, M.N.

Separation of quinoline and isoquinoline mixtures by chromatography. Zhur. anal. khim. 20 no.8:856-859 '65.

(MIRA 18:10)

1. Kiyevskiy politekhnicheskij institut.

BERNEY, I.I., kand. tekhn. nauk; PEN, S.S., kand. tekhn. nauk;
FILIPPOVICH, N.I., inzh.; SYSOYEV, B.V., inzh.; RUDHEVA, I.N.,
inzh.

Selecting methods for making asbestos cement sheets for wall
panels. Stroi. mat. 5 no.10:4-8 0 '59. (MIRA 13:2)
(Asbestos cement)

FILIPPOVICH, N. V.

Filippovich, N. V. "A study of survey subjects in a course in the principles of the history of Russian literature of the 19th century (based on material from the first and second period of the liberation movement in Russia)." Moscow City Pedagogical Inst imeni V. P. Potemkin. Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Science)

So: Knizhnaya letopis', No. 27, 1956. Moscow. Pages 94-109; 111.

YEGOROV, A.A., kand. tekhn. nauk; KOROVIN, A.I., inzh.; FILIPPOVICH, P.I.,
red.; VIKTOROVA, Z.N., tekhn. red.

[Flame surface hardening in the machinery industry] Plamennaia po-
verkhnostnaia zakalka v mashinostroenii; obzor otechestvennoi i za-
rubezhnoi tekhniki. Moskva, Tsent. in-t nauchno-tekhn. informatsii
mashinostroeniia, 1961. 104 p. (MIRA 14:10)
(Surface hardening) (Machinery industry)

KOZ'MINA, N.Yu., inzh., red.; KRICHEVSKIY, Ya.M., red.; FILIPPOVICH, P.V.,
red.; PETROV, S.P., tekhn.red.

[Metallurgical production] Metallurgicheskoe proizvodstvo. Moskva,
TSentr. biuro tekhn. informatsii, 1957. 47 p. (MIRA 11:4)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut
tehnologii i mashinostroyeniya.
(Metallurgy)