

*FILENKO, Ye.M.*  
FILENKO, Ye.M. (Vinnitsa)

Treatment of trophic ulcers of the lower extremities with intra-osseous novocaine block; preliminary communication. Ortop.travn. i protez. no.3:65-66 My-Je '55. (MLRA 8:10)

(LEG, ulcer

ther.,procaine nerve block, intra-osseous admin.)

(ULCER,

leg, ther.,procaine nerve block, intra-osseous admin.)

(ANESTHESIA, REGIONAL, in various diseases,

procaine nerve block in leg ulcer, intra-osseous admin.)

FILENKI), Ye.M.

Conservative radical surgery in chronic gunshot osteomyelitis.  
Khirurgiya 32 no.7:34-37 J1 '56. (MLRA 9:11)

1. Iz Vinnitskoy oblastnoy bol'nitsy.  
(OSTEOMYELITIS, surg.  
conservative method in radical surg.)

FILEMCO, Ye.M. (Vinnitsa, ul. Deputatskaya, d.14/3)

Access to the politesal plane of the femur. Nov.khir.arkh. no.6:  
77-78 N-D '57. (MIRA 11:3)

1. Vinnitskiy oblastnoy gospital' dlya invalidov Otechestvennoy  
voyny.

(FEMUR--SURGERY)

FILENKO, Ye.M.

Our experience with conservative radical surgery in chronic osteomyelitis resulting from gunshot wounds. Ortop., travn. i protez. 18 no.5:82-84 S-0 '57. (MIRA 12:9)

1. Iz khirurgicheskogo otdeleniya Vinnitskogo oblastnogo gosptalya dlya Iov (nach. - B.M.Filippovich, vedushchiy khirurg Ye.M.Filenko).

(OSTEOMYELITIS) (SURGERY)

FILENKO, Ye.M. (Vinnitsa, ul. Deputatskaya, d. 14/3)

Rare case of a penetrating knife wound of the skull. Nov. khir. arkh.  
no.2:121-122 Mr-Apr '59. (MIRA 12:7)

1. Khirurgicheskoye otdeleniye Vinnitskogo oblastnogo gosptalya  
dlya invalidov Otechestvennoy voyny.  
(SKULL--WOUNDS AND INJURIES)

DUBYNIN, N.G.; GORBATENKO, P.I.[deceased]; PILENKOV, V.G.

Results of testing rock ammonite in Gornaya Shoriya iron ore  
mining. Trudy Inst.gor.dela Sib.otd.AN SSSR no.2:213-220

'59.

(MIRA 13:5)

(Gornaya Shoriya--Iron mines and mining)  
(Explosives)

FILENYUS, V.A.

Prevention of post-tonsillectomy temperature rise by means of preliminary intratonsillar injection of penicillin. Vest. otorinol. 13 no.3:30-31 May-June 1951. (CIML 20:11)

1. Of the Clinic for Diseases of the Ear, Throat, and Nose (Director--Prof. I.M. Krukover), Irkutsk Medical Institute.

MISHARIN, A.P.; FILENIUS, V.A.; TEREKHOVA, A.L.; GROTSKIY, M.R.; GOLENYAK, L.L.;  
KRUKOVER, I.M., Professor, direktor.

Remote results of the intra-tonsillar method of therapy in chronic tonsillitis  
and atrophic rhinopharyngolaryngitis. Vest.oto-rin. 15 no.5:48-52 S-0 '53.  
(MLBA 6:11)

1. Klinika bolezney ukha. gorla i nosa Irkutskogo meditsinskogo instituta.  
(Tonsils--Diseases) (Larynx--Diseases)



GUREVICH, M.B., arkhitektor; YEL'KIN, G.A., arkhitektor; FILENKOV, Yu.P., arkhitektor; ZIL'BERMAN, G.P., arkhitektor; KRYUKOV, G.V., arkhitektor; PANCHENKO, N.D., arkhitektor; VOLOSHINOV, G.I., arkhitektor

Regardless of passengers convenience and economics of constructions. *Transp. stroi.* 15 no.3:57 Mr '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tekhnicheskoy estetiki (for Gurevich, Yel'kin, Filenkov).
2. Novosibirskproyekt (for Zil'berman).
3. MVKhTU (for Kryukov).
4. Moskovskiy gosudarstvennyy proyektnoizyskatel'skiy i nauchno-issledovatel'skiy institut, transporta Ministerstva transportnogo stroitel'stva SSSR (for Panchenko, Voloshinov).

FILEP, Aladar, dr., korhazi foorvos; BAGOLY, Pal, dr., korhazi adjunktus.

Surgical therapy of cancer of the uterus. *Magy. noorv. lap.* 18 no. 6:321-336 Nov 55.

1. Csongradmegyei Tanacs Korhaza, Szentes, Szuleszeti es  
Nogyogyasszati Osztalyanak kozlomenye.

(UTERUS, neoplasms  
surg., technic & postoperative radiother.,  
follow-up.)

(RADIOTHERAPY, in various diseases  
cancer of uterus, postoperative use.)

FILEP, Aladar, dr.

Cesarean section under spinal anesthesia. Magy. noorv. lap. 26  
no.3:186-189 My '63.

1. Csongradmegyei Tanacs Korhaza -- Szentes (Igazgato: Bugyi Istvan  
dr.) szuleszet-nogyogyaszati osztalyanak (Forvos: Filep Aladar dr.)  
kozlemenyse.

(ANESTHESIA, OBSTETRICAL) (ANESTHESIA, SPINAL)  
(CESAREAN SECTION) (ASPHYXIA NEONATARUM) (INFANT MORTALITY)

COUNTRY : Hungary 0  
CATEGORY :  
ABST. JOUR. : RZKhim., No. 9 1960, No. 17456  
AUTHOR : Filip, G. and Totk, G.  
INST. : Not given  
TITLE : Data on the Composition of the Waters in the 'Staritsa' in the Northern Part of the Territory Lying East of Iiaz  
ORIG. PUB. : Gruzegos Mezoegard Minoesegvizag int Evk. 4, 209-218, 1956-1957 (1959)  
ABSTRACT : Data are presented on the salt composition of the waters. From the point of view of suitability for irradiation applications, the waters can be divided into four groups.  
V. Konshin

CARD: 1/1

92

FILEP, Gyorgy

Practical classification of irrigation water. Agrokem talajtan 10  
no.3:315-334 S '61.

1. Orszagos Mezogazdasagi Minosegvizsgalo Intezet Talajtani Osztaly,  
Debrecen.

MATOS, Lajos, dr.; PONTYOS, Odon, dr.; FILEP, Gyula, dr.

Prevention of vomiting after anesthesia with Dimenhydrinate (Deadalon).  
Magy. sebeszet 14 no.6:394-398 D '61.

1. A Csornai Jarasi Tanacs Korhaza (Igazgato: Sik Laszlo dr.) Sebeszeti  
Osztalyanak (Foorvos: Pontyos Odon dr.) kozlemenye.

(VOMITING ther) (DIMENHYDRINATE ther)  
(ANESTHESIA compl)

FILEF, L.

"Determining the Propulsive Power of Ships in River Currents of Great Velocity." p. 130  
(KOZLEKEDESTUDOMANYI SZEMLE, Vol. 3, no. 4, Apr. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

LASZLO, I.; PETER, M.; FILEP, V.; ABRAHAM, A.; BALINT, E.; DOMOKOS, L.;  
KASZA, L.; PAAL, Gyorgyi; BEDO, A.

Experimental investigations of epidemic hepatitis. Attempts to isolate  
the virus. Stud. cercet. inframicrobiol. 13 no.3:313-318 '62.

(HEPATITIS, INFECTIOUS) (TISSUE CULTURE)  
(VIRUS CULTIVATION) (HEPATITIS VIRUSES)



AIMASI, Susana; FILEP, V.; GUNDISCH, M.; KASZA, L.

Electron microscopic study of liver biopsy in the Rotor syndrome.  
Stud. cercet. med. intern. 6 no.1:81-85 '65.

FILER, Zalmen Yefimovich, starshiy prepodavatel'

Dynamics of an electromagnetic vibrator. Izv. vys. ucheb.  
zav.; elektromekh. 8 no.10:1096-1102 '65. (MIRA 18:11)

1. Kafedra avtomatiki i telemekhaniki Donetskogo poli-  
tehnicheskogo instituta. Submitted December 22, 1964.

CRACIUN, Ioan, ing.; FILESCU, Nicolae; CIOBANU, Traian

Possibilities of liquidation of supernorm stocks. Probleme econ  
17 no.5:162 My '64.

1. Commercial Director, the "Steagul Rosu" Plant, Brasov (for Craciun).
2. Head of Department of Supply, the "Steagul Rosu" Plant, Brasov (for Filescu).
3. Head of the Planning Section, "Steagul Rosu" Plant, Brasov (for Ciobanu).

FILESOV, N.G.; KASATKIN, A.G.; LERAYE, V.D.; KURKOVA, I.S.

Mechanism of the formation of carbon disulfide during the incomplete  
reduction of sulfurous anhydride by methane. Trudy SKHTI no.47:86-  
8) '64. (MIRA 18:9)

KOEV, Zh.; IONCHEVA, A.; FILEV, D.

Application of plastmass of rapid polymerization in orthodontic practice in clinical conditions. Stomatologija, Sofia no.5:310-313 1954.

1. Is Republikanskia nauchno-izsledovatelaki stomatologichen institut. Direktor: dots. T.Burkov.

(ACRYLIC RESINS,  
dent., rapid polymerization)

Filey, D.S.

42460. Vidoizucheniye Zernobobovykh Kul'tur. V SB: Osnovnyye Vyvody Po Polevym Opytam Za 1945-1947GG (Ukr.Nauch-Issled. In-T Zernovogo Khoz-Va Im. Kuytysheva. Erast. Oprt. Pole). Dnepropetrovsk, 1948, S. 73-75

FILEV, Dmitriy Sidorovich; PROKAPALO, Ivan Semenovich

[Corn in Dnepropetrovsk Province] Kukurudsa na Dnipropetrovshchini.  
[Dnepropetrovsk] Dnipetrovsk obsl.vyd-vo, 1956. 1v. (MLRA 10:6)  
(Dnepropetrovsk Province--Corn (Maize))

USSR/Cultivated Plants - Fodders.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82379

Author : Filev, D.S., Bykhun, V.V.

Inst : All-Union Corn Institute

Title : Comparative Productivity of Corn, Sugar Cane and Other Crops for Silage Under the Conditions of the Southern Steppe of the Ukrainian Soviet Socialist Republic.

Orig Pub : Byul. Vses. n.-i. in-ta kukuruzy, 1957, No 1, 3-7

Abstract : The greatest yield of digestible protein and nutritional units per kilogram from 1 hectare were produced by the following as shown by the investigations of the Genetic Experiment Station in Khersonskaya oblast' during 1954-1956: corn 139-143 and 3110-3323 respectively, sorghum 120-141 and 3110-3843. Soya was inferior to corn in the yield of digestible protein by 22.6% and by 64.1% in the yield of nutritional units.

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- 55 -

USSR/Cultivated Plants - Grains.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15544

Author : D.S. Filev

Inst : The All-Union Corn Institute.

Title : Concerning the Density and Methods of Placing Plants on the Steppe Rayons of the Ukrainian SSR.  
(O gustote i sposobakh razmeshcheniya rasteniy v stepnykh rayonakh USSR).

Orig Pub : Kukuuruza, 1957, No 1, 7-9

Abstract : It has been established on the basis of experiments of the All-Union Scientific Research Institute for Corn that for the northern zone of the steppe portion of the Ukraine the best density for corn plant stands is 30-35 thousand per 1 hectare, for the central portion 25-30 and for the South 20-25 thousand plants. At a greater

Card 1/2



FILEV, D.S.; MARKOV, N.P., aspirant

Corn as postharvest crop in the Ukrainian steppe. Zhivotnovodstvo  
21 no.6:64-66 Je '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kukuruzy (for  
Markov). 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyay-  
stvennykh nauk im. Lenina (for Filev).  
(Ukraine--Corn (Maize))

FILEV, Dnitriv Sidorovich[Fil'ov, D.S.]; ZOLOTOV, Viktor Ivanovich,  
Kand. sel'khoz. nauk; ZADONTSEV, A.I., zasl. zasl. deyatel'  
nauki URSS, akademik, red.; LIVENSKAYA, O.I.[Livens'ka, O.I.],  
red.; GLUSHKO, G.I.[Glushko, H.I.], tekhn. red.

[Dohliad za posivany kukurudzy. Dnipropetrovs'k, Dnipropetrovs'ke  
kryzhkove vyd-vo, 1961. 13 p. (MIRA 15:7)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-  
nykh nauk im. V.I.Lenina (for Filev). 2. Direktor Vsesoyuznogo  
nauchno-issledovatel'skogo instituta kukuruzy i Vsesoyuznaya aka-  
demiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Zadontsev).  
(Ukraine--Corn (Maize))

FILEV, Dmitriy Sidorovich [Filev, D.S.], PROKAPALO, Ivan Sidorovich, kand. sel'-khoz. nauk; ZADONTSEV, A.I., akademik, zasl. deyatel' nauki Ukrainskoy SSR, red.; LIVENSKAYA, O.I. [Livens'ka, O.I.], red.; GLUSHKO, G.I. [Hlushko, H.I.], tekhn. red.

[Tillage and corn sowing] Obrobitok hruntu ta sivba kukurudzy. Dnipropetrovs'k, Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 15 p.

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Filev); <sup>(MIRA 15:10)</sup> ~~2. Direktor~~ Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta kukuruzy i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Zadontsev).

(Ukraine—Corn (Maize))

FILEV, F.

Some technical characteristics of tractors working on the slopes. Izv mekh selsko stop BAN 1:7-42 '61.

FILEV, Filcho

Improved traction and operational qualities of wheeled tractors by using semicaterpillar devices. Izv mekh sel'sko stop BAN 4 23-38 '63.

FILEV, G., st. metodik

Results from the competition on school aids for physics in 1964.  
Mat i fiz Bulg 8 no.1:26-28 Ja-F '65.

1. Institute of School and Technical Aids at the Ministry  
of National Education, Sofia.

Radiobiology

BULGARIA

EILEY, K., Central Laboratory of Genetics, Academy of Agricultural Sciences,  
Sofia

"Action of Low Temperatures on Post-Radiation Effects During Storage of  
Irradiated Seeds"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 217-220

Abstract: English article Although several investigations have shown that the extent of X-ray and Co<sup>60</sup>  $\gamma$ -ray radiation injury can be considerably reduced if after the irradiation the biological objects are stored at low temperatures, most of the findings are quite contradictory. Consequently, barleyseeds with a moisture of 11.5 p. c. were irradiated with Co<sup>60</sup> gamma-rays in doses of 1, 5, 10, and 18 kr at two intensities of 16 and 253 r/min. Immediately after radiation the seeds were left to germinate at 20 °C and after 1, 15, and 30 days they were stored at 0 and -78 °C. The results of cytological studies indicate that 1) the low-temperature causes, during the post-radiation period, a reduction of the chromosomal aberrations of approximately the same degree in seeds irradiated with the same dose of different intensities; 2) an exponential dependency was established when reducing the percentage of

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GEORGIEVA, R.; FILEV, K.

Effect of barometric pressure on earliness and productivity  
of Cucumis sativus L. Doklady BAN 15 no.2:215-218 '62.



TSIKOV, D.; FILEV, P.

Collective of the Agricultural Research Institute of the  
Hungarian Academy of Sciences, Martonvasar, paying a visit to  
Bulgarian agriculturists. Selskostonauka 2 no.9:1172-1172 '67.

GEORGIEVA, R.; NICOLOFF, H. [Nikolob, Kh.]; FILEV, K.

Cytological and genetic changes caused by ultrasound  
wave effects. Doklady BAN 15 no.3:313-316 '62.

GEORGIEVA, R.; FILEV, K.

Influence of barometric pressure on the early ripening and productivity of *Cucumis sativus* L. Izv Tsentral lab genet 1:149. 16C '63.

L 54840-65

ACCESSION NO: AF5017923

IR/0020/04/03/005/0157/1153

Author: Ivanov, I. I. (Corresponding member AN SSSR); Filev, K. A.

TITLE: Dependence of the yield of chromosome aberrations on the magnitude of the dose and the dosage rate in irradiation of seeds with gamma-rays

SOURCE: AN SSSR. Izvestiya, v. 159, no. 5, 1964, 1151-1153

TOPIC TAGS: gamma irradiation, cytology, plant genetics, irradiation dosimetry, radiation plant effect

ABSTRACT: Barley seeds were irradiated with gamma-rays in doses of 1, 5, 10, and 18 kr. Irradiation at every dose magnitude was carried out at dosage rates of 16, 47, 81 and 253 r/min. Upon germination of the seeds, a cytological study of the cells of the tips of primary roots was carried out. Late anaphases and early telophases of the first mitotic divisions were taken into consideration. The effect of radiation was estimated on the basis of the percentage of cells with chromosome bridging and chromosome fragments. At every dose applied, the percentage of cells with chromosome aberrations increased with increasing dosage rates; the increase became steeper with higher doses. There was a linear semilogarithmic relation between the

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L 51840-65

ACCESSION NR: AP5017923

0

percentage of chromosome aberrations and the dosage rate. With increasing  
within the limits of the same dose, the percentage  
some fragments increased, while that of cells with chromosome  
constant. At increasing doses within the limits of the same  
percentage of aberrations in cells

Orig. art. has: 1 figure, 2 graphs, 1 table.

ASSOCIATION: Institut genetiki Akademii nauk SSSR (Institute of Genetics,  
SSSR) Tsentral'naya geneticheskaya laboratoriya Bolgarskoy  
Akademii nauk SSSR (Central Institute of Genetics,  
USSR) Akademiya Selskokhozyaystvennykh Nauk SSSR (Academy of Agricultural Sciences)

SUBMITTED: 21 Aug 64

ENCL: 00

SUB CODE: LS, NP

IN REF SOV: 004

OTHER: 017

JPRS

Card 2/2

MUZHIDIN, N. I.; FILEV, K. A.

Relation between the rate of chromosomal aberrations and the intensity of seed irradiation and their humidity. Dokl. AN SSSR 160 no.1:224-226 Ja '65. (MIRA 18:2)

1. Institut genetiki AN SSSR i Tsentral'naya geneticheskaya laboratoriya, Sofiya, Bolgariya. 2. Chlen-korrespondent AN SSSR (for Muzhdin).

FILEV, S.

Analysis of the fulfillment of the plan for labor productivity. p. 4.  
LEKA PROMISHELENOST, Sofiya, Vol. 4, no. 1, 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

FILEV, S.

"Paying the Labor of the Sectional Skilled Workers in the Textile Industry."

p. 10 (Elektroenergiia, Vol. 7, No. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,  
Nov. 1958



Filev, S.

Transition to the five-day working week in the Textile industry. p.4.

TEKSTILNA PROMISHLENOST, Sofia, Bulgaria, vol. 8, no. 4, 1959

Monthly list of East European Accessions (EEAI) LC. Vol. 8, no. 10, Oct 1959  
Uncl.

FILEV, Sub1

System of management without workshops. Trud i tseni 5 no.1:  
1-11 '63.

9,4179(1114,1137)

B/502/<sup>31128</sup>60/008/000/002/003  
D260/D304

26.1512

AUTHORS: Andreychin, R., and Fileva, N.

TITLE: Transversal photovoltaic effect in evaporated layers  
of silver sulphide

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut.  
Izvestiya na fizicheskiya institut s ANEB, v. 8,  
1960, 19-32

TEXT: The aim of the present exploratory work was to establish the universality of the transversal contact potential effect. Silver sulphide is a semiconductor with interesting photoelectric properties such as n-electron conductivity, presence of a barrier layer only several angstroms thick, anomalous direction of the rectified current, and ionic conductivity. The presence of a contact potential photovoltaic effect was observed in silver-sulphide elements which were obtained by the vacuum deposition of sulphur on a plate of silver. Two electrodes of different metals were deposited, one against another in the form of combs. The electromotive force ap- X

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31428

B/502/60/008/000/002/003  
D260/D304

Transversal photovoltaic effect ...

pears as a result of the effect of light when the two electrodes are of different metals and a contact potential difference between them is established. Throughout all the experiments with photoelements the illumination was transversal, and uniform for the entire layer of the semiconductor. Polarity of the photoelectromotive force always followed the sign of the contact potential difference between the electrodes, when gold was the positive and aluminum the negative electrode. The majority of the photoelements showed an electromotive force of 5 to 300 millivolts in the dark and a current of 0.002 to 0.2 microamperes. The electromotive force increased by 20 to 30% in the light (values between 8 and 430 millivolts were observed) and the current then usually increased by a factor of two. The photovoltaic effect seems to possess considerable inertia. With some photoelements, when illuminated, there was a slow increase in the intensity of the current, while with others, there was first a decrease followed by an increase in the intensity of the current. When external tension was applied, the volt-ampere characteristics show ohmic contacts more seldom, and in most

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31428

B/502/60/008/000/002/003  
D260/D304

Transversal photovoltaic effect ...

cases the contacts are non-linear of the varistor type and are nearly always symmetrical or almost symmetrical. Instances of a non-typical rectifying effect with predominance in one direction are rare. Polarity of the photovoltaic effect was always the same, as determined by the contact potential difference between the electrodes, irrespective of the type of contacts and of the degree and direction of the rectifying effect. It was established that the observed photovoltaic effect is a contact-potential one and is independent of the type of contacts. The presence of the electromotive force and current in the dark is explained by the existence, to a greater or lesser extent, of ionic conductivity in the silver sulphide. Research in this connection is still continuing. The original paper also contains an explanation of certain anomalies observed in individual photoelements. G. Nadzhakov and R. Andreychin (Ref. 8: Izvestiya na BAN, seriya fizicheska, 2, no. 2, 1952, 1 - 4) are mentioned for their contribution in this field. There are 7 figures and 14 references: 12 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as

Card 3/4

Transversal photovoltaic effect ...

31128  
B/502/60/008/000/002/003  
D260/D304

follows: J. Tauc, Rev. Mod. Physics 29, 308-324 (1957); M. H. Hebb,  
Journ. Chem. Phys., 20, 185, (1952).

SUBMITTED: November 14, 1959

Card 4/4

9,4179(1035)  
26.2421

33681

S/058/61/000/012/051/C83  
A058/A101

AUTHOR: Andreychin, R., Fileva, N.

TITLE: Transverse photo-emf in evaporated silver sulfide films

PERIODICAL: Referativnyy zhurnal. Fizika, no. 12, 1961, 375, abstract 12E618  
(Izv. Fiz. in-t s ANYeB, 1960, no.8, 19-32, Bulg.Russ. and Engl. summaries)

TEXT: The photo-emf effect was discovered and investigated in Ag<sub>2</sub>S films. Ag<sub>2</sub>S specimens were synthesized by means of vacuum evaporation of S onto Ag backings. A positive Au and a negative Al electrode were applied to the resulting films by means of vacuum evaporation. The polarity of photo-emf always conserved the sign of the contact potential difference between the electrodes. In all these experiments transverse lighting with a small absorption coefficient was used. In darkness the photoelements evinced an emf of 5-30 mv and a current of 0.002-0.2 μa, in light the emf increased by 20-30% and the current generally doubled. The emf and current decrease with time. Dark emf and current are explained by the presence of ion conduction in the specimens. The investigation effect has appreciable sluggishness. The volt-ampere characteristics are symmetric or nearly so.

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X

33681

S/058/61/000/012/051/083

A058/A101

Transverse photo-emf ...

and the photoelements sometimes have rectifying properties.

V. Lyudimov

[Abstracter's note: Complete translation]

X

Card 2/2



FILEMON, E. (Budapest XI., Sztoczek u.2.Hungary.)

Dynamic analysis of Geneva mechanisms with special consideration to reverses of pin. Periodica polytechn eng 5 no.1:31-48 '61.

1. Department for Technical Mechanics, Polytechnical University, Budapest. Presented by Prof. Dr. G. Kozmann.

(Machine tools)

FILEVSKIY, P. (Pyarnu, Estenskaya SSR).

Qualifications and salaries. Sov. foto 19 no.2:79 F '59.

(MIRA 12:3)

(Estonia--Photographers)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413030003-7

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413030003-7"

FILGAS, K.

Business accounting for brigades in the building industry. p. 227.  
POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 3, no. 6,  
June 1955.

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

VLACH, Jiri, inz.; FILGAS, Miroslav

Some important problems of the building production management.  
Poz stavby 12 no. 1:33-34 '64.

1. Hydrostav Bratislava, n.p. (for Vlach).
2. Ustav normovani ve stavebnictvi, pracoviste Bratislava (for Filgas).

VLACH, Jiri, inz.; FILGAS, Miroslav

Some important problems of the building industry management:  
Poz stavby 12 no. 3: 101-103 '64.

1. Hydrostav, Bratislava (for Vlach).
2. Institute of Building Industry Standardization (for Filgas).

VLACH, Jiri, inz.; FILGAS, Miroslav

Some important problems of the building industry management. Poz  
stavby 12 no.5:191-193 '64.

1. Hydrostav, Bratislava (for Vlach)
2. Institute of Standardization in the Building Industry, Worksite  
Bratislava (for Filgas).

FEL'DMAN, I.; LUBAN, S.; FIL'GUS, M.

Large-panel Vorkuta.... Na stroi. Ros. 3 no.10:4-5 0 '62.  
(MIRA 16:6)

1. Glavnyy inzh. Vorkutinskoy proyektno-izyskatel'skoy kontory  
(for Fel'dman). 2. Nachal'nik stroitel'nogo otdela Vorkutinskoy  
proyektno-izyskatel'skoy kontory (for Luban).

(Vorkuta---Precast concrete construction)

(Vorkuta---Apartment houses)



ACC NR: AR6026488

SOURCE CODE: UR/0274/66/000/004/A024/A024

AUTHOR: Shteyn, V. K.; Fil'gus, Ya. Ye.

TITLE: Equivalent circuit and parameters of the magnetostriction filter

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 4A151

REF SOURCE: Sv. Vopr. teorii i nadezhnosti apparatury i kanalov svyazi. Tashkent, Nauka, 1965, 183-190

TOPIC TAGS: magnetostriction filter, magnetostriction oscillation<sup>OR</sup>

ABSTRACT: A complete electric network of a magnetostriction filter (MF) is considered, and from it the chain parameters of MF are determined. In the primary circuit, the network contains several dynamic contours with rod resonance frequencies  $\omega_1, \dots, \omega_n, \dots, \omega_i$ . A quadripole chain matrix is constructed for finding out the chain parameters; the matrix permits considering some particular cases, i. e., when the MF is operating with a specified input current and no load at the output and when MF has a strong direct coupling. Four figures. Bibliography of 8 titles. L. S.  
[Translation of abstract]

SUB CODE: 20, 09

Card 1/1

UDC: 621.372.542.24

FILIC, Kresimir, prof.

Diploma presented by Michal Dyscler, a Bratislava surgeon, to Franjo Sversic, a barber-surgeon. Liječn. vjesn. 84 no.8:807-811 '62.

1. Iz Gradskog arhiva u Varazdinu. (BIOGRAPHIES) (HISTORY OF MEDICINE, XVI CENT)

Abstract (English summary modified): The medieval archives of the city of Varazdin are uniquely rich and contain virtually complete materials for most of the period from the year 1209 through to the present. Author discusses the Master Surgeon and Barber diploma received by a citizen of Varazdin in 1567; he died suddenly after being elected to third term as city judge, and his diploma remained in the archives by chance. Discussion of practice of medicine and surgery, and of the barber and surgeon guilds in Varazdin, German cities and Bratislava. Two Yugoslav references.

FILICH, Aleksandr Vasil'yevich, frezerovshchik; GURIN, N., red.;  
VARENKOVA, V., tekhn. red.

[two plans fulfilled in one year] Za god - dva plana. Minsk,  
Gos. izd-vo BSSR, 1962. 25 p. (MIRA 15:11)

1. Minskiy zavod avtomaticheskikh liniy (for Filich).  
(Minsk—Machinery industry)

1. FELICHEV, S. V.
2. USSR (600)
4. Mathematics - Competitions - Moscow
7. Third Moscow municipal arithmetic contest. Mat. v shkole no. 5, '52.

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

FILICHEV, S. V.

7498. FILICHEV, S. V. Sbornik arifmeticheskikh zadach. Dlya ped. uchil-ishch. 3-ye izd., a 5-go rus. per. m. chkhetiya. tbilisi, 120-vo nauch.-metod. kabineta, 1954. 404 s. 22 sm. (m-vo prosveshcheniya Груз. SSR). 2.000 EKZ. 8 r. v per.-na Груз. яз.- (55-3234) 511 (076)

So. Knizhnaya Letopis', Vol. 7, 1955

FILICHEV, S.V. (Moskva).

Activities of the Moscow Municipal Institute for the advancement  
of Teachers. Mat.v shkole no.2:84-85 Mr-Apr '54. (MIRA 7:3)  
(Mathematics--Study and teaching)

FILICHEV, S.V. (Moscow)

Requirements for written graduation tests. Mat.v shkole no.2:  
22-26 Mr-Apr '55. (MIRA 8:6)  
(Geometry--Problems, exercises, etc.)

BOGUSHEVSKIY, K.S.; GLAGOLEV, N.S.; SMIRNOV, I.I.; FILICHEV, S.V.

Written work for the proficiency certificate in geometry including  
the use of trigonometry and the evaluation of such work. Mat.v  
shkole no.3:12-23 My-Je '56. (MLRA 9:8)  
(Geometry--Problems, exercises, etc.)



GREBENCHA, Mikhail Kuz'mich; NOVOSELOV, Sergey Iosifovich; FILICHEV, S.V.,  
red.; TAL'SKIY, D.A., red. izd-va; GOROKNOVA, S.S., tekhn. red.

[Course in mathematical analysis] Kurs matematicheskogo analiza. Izd.5.  
Moskva, Gos. izd-vo "Vysshaya shkola." Vol.1. 1960. 543 p.

(Mathematical analysis)

(MIRA 14:12)

FILICHEV, T. E.

USSR/Medicine - Treatment of Pyoderma May/June 53

"Treatment of Pyoderma Patients With a Mixture of Staphylococcal Antiphagin and Patient's Blood," T. E. Filichev, Oblast Hospital Polyclinic, Dermatovenerological Clinic of the Ivanovo Medical Institute

Vest Vener i Derm, No 3, pp 13-14

Intramuscular injection of a mixture of staphylococcal antiphagin and blood pyogenic patients is recommended for treatment of staphyloiderma. Of 271 patients treated with the mixt over a period of

271F29

3 yrs, 96% recovered after 4-5 injections. A complex method of treatment, consisting of intramuscular injection of calcium chloride and of a mixture of antiphagin and patient's blood, along with local application of an ointment, proved effective in the treatment of sycosis, sycosiform eczema, and microbial eczema. The ointment consists of a mixt of 5g. of benzoic acid, 15g. of xeroform, 10g. of residual sulfur, and 100g. of vegetable oil.

271F29

KHUDYAKOV, N.A.; FILICHEV, V.A.

Automated sand-jet device for cleaning parts with metallic sand.  
Mash. i nef. obor. no.9:28-29 '64.

(MIRA 17:11)

1. Kuybyshevskiy dolotnyy zavod.

PONOMAREV, V.K.; MILICHEVA, T.B.

Determination of iron content in dyes by means of a photo-  
electric colorimeter. Khim.volok. no.3:60-62 '60.  
(MIRA 13:7)

1. Ilinskiy kombinat.  
(Klin--Dyes and dyeing) (Iron--Analysis)

PONOMAREV, V.K.; FILICHINA, T.B.

Method of determining the concentration of dispersed dye-  
stuffs in water in the preparation of the suspension for  
internal dyeing. Khim.volok. no.3:62-64 '60.  
(MIRA 13:7)

1. Klinskiy kombinat.  
(Klin--Dyes and dyeing--Rayon)

ZHUKOVA, D.Ya.; FILICHEVA, T.B.

Determination of dyestuff concentration in colored mother liquor and in dyed viscose. Khim.volok. no.5:64-67 '62.  
(MIRA 15:11)

1. Klinskiy kombinat iskusstvennogo i sinteticheskogo volokna.

(Dyes and dyeing—Rayon)

BARANOVA, Z.D.; ZARINA, E.Ya.; FILICHEVA, T.B.; SOLOV'YEVA, G.I.; MAYBORODA, V.I.

Use of surface-active agents in the production of raw-stock dyed viscose  
silk. Khim.volok no.6:66-67 '63. (MIRA 17:1)

1. Klinskiy kombinat (for Baranova, Zarina, Filicheva). 2. Vsesoyuznyy  
nauchno-issledovatel'skiy institut iskusstvennogo volokna (for Solov'-  
yeva, Mayboroda).

MAYBORODA, V.I.; SOLOV'YEVA, G.I.; EGLIT, L.V.; FODIMAN, I.V.; SHILOVA, G.I.;  
ZARINA, E.Ya.; CHAMOVA, L.P.; FILICHEVA, T.B.

Highly dispersed pigments for stock dyeing of viscose fibers. Khim.  
volok. no.3:60-62 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy iskusstvennogo volokna (for Mayboroda, Solov'yeva, Eglit).
2. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley (for Fodiman, Shilova).
3. Klinskiy kombinat iskusstvennogo i sinteticheskogo volokna (for Zarina, Chamova, Filicheva).



NOSOV, S.D.; BUDKEVICH, V.B.; LEVINA, S.S.; METEL'KOVA, Ye.M.; PESIKOVA, M.I.;  
FILICHEVA, Z.V.

Reducing hospitalization time in scarlet fever. Zhur.mikrobiol.epid.  
i immun. no.3:19-23 Mr '54. (MLRA 7:4)

1. Iz kafedry detskikh infektsionnykh bolezney (zaveduyushchiy - profes-  
sor S.D.Nosov) Ivanovskogo meditsinskogo instituta. (Scarlet fever)

FILICHEVA, Z.V.

SCARLET FEVER

"On Reducing the Time of Isolation of Patients Ill with Scarlet Fever in a Hospital", by Professor S.D. Nosov, Z.V. Filicheva, A.A. Tikhonova, N.I. Trofimova and R.V. Nechayeva, Voprosy Odhrany Materinstva i Detstva, No 4, July-August 1957, pp 34-37.

The authors caution that the early discharge of scarlatinal convalescents from hospitals may become impracticable in case of a serious epidemic of scarlet fever. But provided the regiment and sanitary-epidemiological measures are maintained, the authors say, a reduction of the period of detention of scarlatinal patients up to 11-15 days has proved to be expedient. Any further curtailing of the isolation period can hardly be recommended.

The treatment with penicillin injected intramuscularly during the first days of the disease has reduced the frequency of infections from discharged scarlatinal convalescents; nevertheless, the authors think proper to point out the undesirability of this method.

Card 1/1

*Chair of Children's Diseases  
Ivanovo Med. Inst.*

FILICHKIN, A.

Sviaz' Mariiskoi respublik. [Communications of the Marii republic].  
(Vestnik sviazi. Pochta. 1946, no. 7, p. 6).

DLC: HE7.V44

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress  
Reference Department, Washington, 1952, Unclassified.

FILICHKIN, G.

Initiative of the primary organization in a logging camp.  
MIO no.6:45 Je '59. (MIRA 12:9)

1. Zamestitel' predsedatelya Permskogo oblastnogo pravleniya  
nauchno-tekhnicheskogo obshchestva lesnoy promyshlennosti.  
(Chusevaya River Basin--Lumbering)

*FILICHKIN*  
USSR/ Electronics -- Radio equipment  
Card 1/1 Pub. 89 - 12/30  
Authors : Filichkin, G., and Tatevosyan, S.  
Title : ~~Exchange of experience (radio sets)~~  
Exchange of experience (radio sets)  
Periodical : Radio 3, page 21, Mar 1955  
Abstract : An account is given of steps taken by a user of the "Baltika" radio receiver to improve the quality of the sound. It is also related how success was attained in reducing interference in the "Rekord", "ARZ", and "Moskvich" receiving sets.  
Institution : .....  
Submitted : .....

1. FILICHKIN, G. I.

2/ USSR (600)

4. Buildings, Prefabricated

7. Assembly of panel-type houses in forest settlements. Les. prom. 12 no. 10, 1952

*Page 11/15*

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

KAMASHEV, I.K.; FILICHKIN, G.L.; BEDERSON, A.M., red.; SUVORINA,  
T.M., red.; NEUDAKINA, N.G., tekhn. red.

[Economics of the lumbering industry] Voprosy ekonomiki  
lesnoi promyshlennosti; sbornik statei. Perm', Permskoe  
knizhnoe izd-vo, 1959. 176 p. (MIRA 16:10)  
(Perm Province--Lumbering)  
(Perm Province--Wood using industries)

SOV/137-57-6-10934

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 6, p 220 (USSR)

AUTHORS: Chekmarev, A.P., Yefimov, V.A., Grechko, V.P., Filichkin, I.F.

TITLE: The Effect of Aluminum Upon the Plastic Properties of Steel at High Temperatures (Vliyaniye alyuminiya na plasticheskiye svoystva stali pri vysokikh temperaturakh)

PERIODICAL: V sb.: Vopr. proiz-va stali. Nr 4. Kiyev, AN UkrSSR, 1956, pp 126-128

ABSTRACT: An investigation is made of billets 90 mm in diameter and 300 mm long made of Nr 3T furnace steel melted in a basic open hearth and of rail steel melted in the Bessemer converter. The process of de-oxidation of the experimental heats is modified by addition of 725-2000 g Al in the ladle per t of Nr 3T steel, and 275-1000 g per t of rail steel. Three samples are taken of each of the six heats of this grade. Two of the samples are rolled while a section is cut from the third for study of the nature of the disposition of nonmetallic inclusions and the size of the austenite grain. Determination of the ductility (D) of the metal is by rolling on the collar. The D criterion is taken to be the magnitude of relative deformation at which cracks

Card 1/2



SOV/137-57-6-10934

The Effect of Aluminum Upon the Plastic Properties of Steel at High Temperatures

appear in the side surfaces of the rolled strip, i.e.,  $U=(H-h/H)\cdot 100$ , where U is the D limit, and H and h are respectively the initial and final heights of the sample. It is found that Nr 3T steel shows its lowest D limit on addition of 800 g Al/t. The maximum D for this steel is obtained on addition of 1250 g Al/t. In this case, damage to continuity sets in upon 75-88% reduction per pass. Rail steel has its maximum D when it is deoxidized by 450 g Al/t. It is found that upon small additions of Al the oxysulfides take the form of separate accumulations and thus result in steel of satisfactory ductility. When the amount of Al rises to critical, the sulfides come down as chains or films which, creating weak spots in the metal, sharply reduce the D of the steel. It is also established that upon rolling the highest D is that of specimens in which the native austenite grain is small. The lowest D indices are those of specimens with medium-sized austenite grains.

L.G.

Card 2/2

R. Lohkin, I. F.

5000

Influence of microstructure on the plasticity of steel  
A. P. Chekmarov, A. A. Zhurav, V. P. Gromov, I. P.  
Pudkov, and N. A. Dzhuravskiy. *Met. Eng.*  
(USSR). For checking the necessity of publications  
see review on p. 1000.

FILICHKIN, I. F.

18(3); 18(5) PHASE I BOOK EXPLORATION SOV/2452  
Akademiya nauk Ukrainy SSR, Otdeleniye tekhnicheskikh nauk  
Voprosy proizvodstva stali, VYP. 4. (Problems in Steelmaking,  
Stal') Kiev, Izd-vo AN Ukrainy SSR, 1956. 163 p. 3,000  
copies printed.

Resp. Ed.: M. M. Dobrohotov, Academician, USSR Academy of  
Sciences; Ed.: B. A. Kuznetsov, Tech. Ed.: A. D. Zhukov-  
skiy.

PURPOSE: This book is intended for advanced students and for  
scientists and personnel in the metallurgical industry.

COVERAGE: The papers in this collection present information on  
recent Soviet technological developments stated to be of con-  
siderable theoretical and practical importance in the produc-  
tion and treatment of steel. A number of articles deal directly  
with matters of method (alloying, deoxidizing, top and bottom  
pouring, production of open-hearth and electric steel). Some  
are concerned with the investigation of phenomena such as change  
of hydrogen content during the production of steel. Others  
describe the effect of various factors on the final product  
(shape of ingot, pouring temperature, addition of aluminum, etc.).  
There is one book review. References follow some of the papers.  
Chelmarov, A. P., V. A. Yermolov, V. P. Grubshka, and I. F. Filich-  
kin. Effect of Aluminum on the Plastic Properties of Steel at  
High Temperatures

Dobrohotov, M. M. New Techniques in the Production and Testing  
of Steel in Open-hearth Plants 185

Dobrohotov, M. M., and B. Kh. Khan. Review of the Book  
Raskisleniye martenovskoy stali (Decidation of Open-hearth  
Steel) by A. M. Morozov and A. I. Struganov

156 (3)

FILIPPOV, S.I.

FILIPPOV, S.I., doktor tekhnicheskikh nauk; ~~FILICHKIN, I.I.~~ inzhener;  
ARSHNT'YEV, P.P., dotsent, kandidat tekhnicheskikh nauk; YAKOVLEV,  
V.V., kandidat tekhnicheskikh nauk.

Technological characteristics of bessemer smelting and properties  
of soft steel, Sbor. Inst. stali no.35:70-101 '56. (MLRA 10:8)

1. Kafedra teorii metallurgicheskikh protsessov.  
(Bessemer process) (Steel--Metallography)

137-1958-1-368

Translation from: Referativnyy zhurnal, Metallurgiya, 1958. Nr1, p 57 (USSR)

AUTHORS: Arsent'yev, P.P., Yakovlev, V.V., Filippov, S.I., Filichkin, I.F.

TITLE: Bessemer Process Technology and the Quality of Converter  
Produced Metal (Tekhnologiya bessemerovskogo protsessa i  
kachestvo konverternogo metalla)

PERIODICAL: V sb.: Fiz.-khim. osnovy proiz-va stali. Moscow, AN SSSR,  
1957, pp 21-27. Diskus. pp 160-187

ABSTRACT: Melts in bottom-blown and side-blown converters and in open  
hearth furnaces have been used to study the effect of  $[P]$ ,  $[N]$ ,  
and  $[O]$  on the properties of Bessemer steel. In comparing the  
properties of rimmed steel smelted in a side-blown converter and  
in an open hearth furnace it was established that an increase in  $[P]$   
from 0.014 to 0.070% results in only a decline in the viscosity of  
the metal at room temperatures and does not affect its tendency to  
age. By comparing the properties of steel smelted in side-blown  
and bottom-blown converters with different amount of pig, and those  
of rimmed open hearth metal with elevated  $[P]$ , it was found that  
an increase from 0.006 to 0.025% of the  $[N]$  in the metal induces  
a decline in the  $a_k$  of steel at room temperature. The appearance

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137-1958-1-368

Bessemer Process Technology (cont.)

of a joint effect of [O] and [N] revealed by comparison of the mechanical properties of rimmed and killed Bessemer steel shows that an increase in the content thereof promotes increased susceptibility to aging, while on deoxidation of steel all [O] and [N] are bound into stable compounds and do not call forth any aging tendency.

E. T.

1. Bessemer converters--Operation
2. Open hearth furnaces--Operation
3. Steel--Properties--Effects of phosphorus
4. Steel--Properties--Effects of nitrogen
5. Steel--Properties--Effects of oxygen

Card 2/2

FILICHKIN I. Ye.

SOV/137-58-7-14023

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p5 (USSR)

AUTHORS: Shpil'berg, B. A., Shelestov, M. S., Gruzdeva, A. K., Pravednykh, Ye. Z., Filichkin, I. Ye., Zhavoronok, V. I.

TITLE: Experiences in the Concentration of the Polymetallic Sulfide Ores of the Zyryanovskoye Deposit in Heavy Suspensions (Opyt obogashcheniya v tyazhelykh suspenziyakh sul'fidnoy polimetallicheskoj rudy Zyryanovskogo mestorozhdeniya)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 19-20, pp 34-39

ABSTRACT: Laboratory investigations have proved the possibility of concentrating the -30+4 mm class in suspensions, in which the tailings take 43.5% of the ore, with 0.04% Cu, 0.13% Pb, and 0.14% Zn. Losses in the tailings are: 4.9% Cu, 3.2% Pb, and 2% Zn. The concentration in the concentrate consisted of 0.57% Cu, 3.11% Pb, and 4.98% Zn. The Zyryanovsk Kombinat has built an experimental plant to handle 80-100 t/day. A description is offered of the I. L. Denisov mushroom valve for automatic maintenance of the level in the suspension feeder. The work of the plant has demonstrated the possibility of removing 45% of the ore in the tailings (of the original, or 61% of the

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SOV/ 137-58-7-14023

Experiences in the Concentration of the Polymetallic (cont.)

class) with a content of 0.04% Cu, 0.16% Pb, and 0.19% Zn, with extraction (from the 35-5 mm class) respectively of 7.5%, 6.5%, and 4.5%. In the concentrate, the Cu, Pb, and Zn contents were 0.8%, 3.62%, and 6.19%, with recovery of 92.5%, 93.5%, and 95.5% of the class. It was found desirable to have separate concentration of the 10-5 and 10-35 mm classes. Losses of PbS in the tailings were 45 g per t starting ore.

I. M.

1. Sulfide ores--Processing
2. Sulfide ores--Separation

Card 2/2



FILICHKIN, M.F.

133-58-3-25/29

AUTHORS: Tseytlin, L.A., Candidate of Technical Sciences,  
Sorokin, A.A., Filichkin, M.F. and Buntman, N.F.,  
Engineers.

TITLE: Thermal Insulation of Sliding Tubes in Heating Furnaces  
(Teplovaya izolyatsiya glissazhnykh trub nagrevatel'nykh  
pechey)

PERIODICAL: Stal', 1958, <sup>18</sup> Nr 3, pp 262 - 266 (USSR)

ABSTRACT: The results of tests of three types of thermal insu-  
lation of sliding tubes are described. The experiments were  
carried out on two continuous reheating furnaces of up to  
30 ton/hour throughput fired with a mixture of coke oven and  
blast furnace gas. Mean weight of heated ingots 300-250 kg.  
The following types of insulation were tested: I) Monolithic,  
placed on tubes with welded pins (Fig.1). The insulation in  
the soaking part was made from chrome-magnesite concrete on  
alumina cement and from chromite mass on soluble glass and in  
the heating part from chamotte concrete on aluminous cement or  
puzzolane Portland cement. II) Suspended blocks (Fig.2).  
Blocks were suspended from strips welded to the tubes. In  
the soaking part chamotte-kaolinite, high aluminous and magnes-  
ite chromite fired blocks were used and in the heating part -  
chamotte-kaolinite. The composition and properties of these

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133-58-3-25/29  
Thermal Insulation of Sliding Tubes in Heating Furnaces

blocks - Table 1. III) Welded blocks. Concrete, unfired blocks made on steel cores with pins (Fig.3) which were welded to the tubes. In the soaking part blocks were made from chromite concrete and in the heating part from chamotte concrete on aluminous cement. The composition and properties of the raw materials before and after service are given in tables. On the basis of the results obtained, a monolithic insulation of the type I is recommended. There are 3 figures, 7 tables and 10 references, 9 of which are Soviet and 1 English.

ASSOCIATION: Vsesoyuznyy n-i. institut ogneuporov i zavod im. Dzerzhinskogo (All-Union Scientific Research Institute of Refractories and Works imeni Dzerzhinskiy)

AVAILABLE: Library of Congress  
Card 2/2

FILICHKIN, S.E.

USSR/Microbiology - Antibiosis and Symbiosis, Antibiotics.

F-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43223

Author : Filichkin, S.E.

Inst :

Title : Effect of Syntomyein on Causal Agents in Experimental  
Dysentery.

Orig Pub : Tr. Smolenskogo med. in-ta, 1957, 6, 174-182.

Abstract : No abstract.

Card 1/1

FILICHKIN, S.Ye.

~~Resistance of dysentery pathogens to synthomycin. Zhur.mikrobiol.  
epid. i immun. 29 no.3:123-124 Mr '58. (MIRA 11:4)~~

1. Iz kafedry mikrobiologii Smolenskogo meditsinskogo instituta.  
(SHIGELLA PARADYSENERIAE) (CHLOROMYCETIN)  
(BACTERIA, EFFECT OF DRUGS ON)

FILICHKIN, S. Ye., Candidate Med Sci (diss) -- "On sythomycine-resistant forms of the dysentery bacillus and the effect of sythomycine on immunogenesis".

Smolensk, 1959. 16 pp (Min Health RSFSR, Smolensk State Med Inst), 200 copies

(KL, No 23, 1959, 173)

17(2, 12)

SOV/16-59-6-5/46

AUTHOR: Filichkin, S.Ye.

TITLE: The Duration of Synthomycin-Resistance in Shigella Shigae and Their Sensitivity to Bacteriophage, Phytoncides and Certain Chemical Antiseptics

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 23-26 (USSR)

ABSTRACT: Kashkin found that antibiotic-resistant bacteria preserve their resistance only to the specific antibiotic to which they were adapted but are sensitive to other antibiotics and chemical antiseptics. The present author carried out tests with Shigella shigae strains to determine the duration of their resistance to synthomycin and their sensitivity to other bactericidal agents. To test for a decrease in their resistance to synthomycin, the strains were cultured on various media and then passed repeatedly through white mice. The nutrient media used were bile broth, sugar broth and bactoagar "G". In test 2 the bacteria were passed 10 times through white mice and then tested for sensitivity to synthomycin. Test 3 was a comparative study of 10 synthomycin-resistant strains and 10

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SOV/16-59-6-5/46

The Duration of Synthomycin-Resistance in *Shigella Shigae* and Their Sensitivity to Bacteriophage, Phytoncides and Certain Chemical Antiseptics

strains adapted to synthomycin in the laboratory, kept on standard agar and subcultured every 2 1/2 - 3 weeks. It was found that cultivation of the *Shigella shigae* on the various nutrient media followed by 3 passages through white mice halved synthomycin-resistance in 2 out of 5 strains. The resistance of the strains stored on standard agar decreased much more slowly, being preserved much longer in the strains isolated from patients than in the strains adapted to synthomycin in the laboratory. Subsequently, tests were conducted to determine the sensitivity of synthomycin-resistant strains to bacteriophage, chemical antiseptics ( $KMnO_4$ , chloramine, carbolic acid, formaline) and the volatile and non-volatile fractions of phytoncides. The tests showed

Card 2/3

SOV/16-59-6-5/46

The Duration of Synthomycin-Resistance in Shigella Shigae and Their Sensitivity to Bacteriophage, Phytoncides and Certain Chemical Antiseptics

that the Shigella shigae strains were sensitive to all these agents.

ASSOCIATION: Smolenskiy meditsinskiy institut (Smolensk Medical Institute)

SUBMITTED: July 17, 1958

Card 3/3



FILICHKIN, S. Ye.

Biological activity of pathogenic intestinal bacilli and their sensitivity to antibiotics, phytoncides, and some disinfectants. Zhur.mikrobiol., epid. i immun. 32 no.10:57-58 0 '61. (MIRA 14:10)

1. Iz Smolenskogo meditsinskogo instituta.  
(ESCHERICHIA COLI) (ANTIBIOTICS)  
(DISINFECTION AND DISINFECTANTS)

FILICHKIN, S.Ye.

Sensitivity of dysentery bacilli to industrial bacteriophages.  
Zhur. mikrobiol, epid. i immun. 41 no.3:145 Mr '64. (MIRA 17:11)

1. Smolenskiy meditsinskiy institut.

FILICHKIN, S.Ye.; LENSKAYA, S.M.

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