

BOROVSKI, B., ing.

Some problems on the improvement and utilization of frame  
saw blades. Ind lemnului 14 no. 11: 409-413 N '63.

BOROVSKI, B., ing.

Problems in the manufacture, sharpening, and maintenance of  
tools reinforced with metallic carbides. Ind lemnlui 15  
no.4:142-146 Ap'64

BOROVSKA, V.

Epoxy resins. p. 43.

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BOROVSKAYA, A. Ya.

"The changes of cell dimensions during denervation." Histological Laboratory, Institute of Zoology Moscow University; and Laboratory of Micromorphology, Institute of Experimental Medicine, Moscow. (p. 355) by Vermei, E. M. and Borovskaya, A. Ya. .

SO: Biological Journal (Biologicheskii Zhurnal) Vol. VI, 1937, No. 2

BOROVSKAYA, D.

"Roentgenography of pelvic veins using transosseous phlebography"  
(Fortschr. Roentgenstr., 1953, vol.78 no.4, 445-449) F. Kahr.

Reviewed by D.Borovskaya. Vest.rent. 1 rad. 31 no.1:94 Ja-F '56.

(VEINS--RADIOGRAPHY)

(MIRA 9:7)

(PELVIS--RADIOGRAPHY)

BOROVSKAYA, D. I.

"The Origin of the Heterophil Antibodies (Hemagglutinins) of Human Serum (Effect of X-Ray Irradiation on the Organism)," *Klinicheskaya medicina (Clinical Medicine)*, 24, 7-8, 52-58, 1946

BOROVSKAYA, D.P., starshiy nauchnyy sotrudnik; KARIBSKAYA, Ye.V., nauchnyy  
sotrudnik

Laboratory diagnosis of tumors and other diseases of the lungs.

Trudy TSentr. nauch.-issl. inst. rentg. i rad. 10:63-68 '59.

(MIRA 12:9)

(LUNGS--CANCER) (SPUTUM)

BOROVSKAYA, D.P.

Course of the Shwartzman phenomenon in X irradiated rabbits.  
Trudy TSentr. nauch.-issl. inst. rentg. 1 rad. 10:393-396 '59.  
(MIRA 12:9)  
(SHWARTZMAN PHENOMENON) (X RAYS--PHYSIOLOGICAL EFFECT)



CHOCHIA, N.G.; EBLYAKOVA, Ye.Ye.; BOROVSKAYA, I.S.; VOLKOV, A.M.; GRAYZER, M.I.;  
IL'INA, Ye.V.; KAZAKOV, I.N.; KIRKINSKAYA, V.N.; KISLYAKOV, V.N.;  
KRASIL'NIKOV, B.N.; MAYMINA, L.G.; OSIPOVA, N.A.; RADYUKOVICH, L.V.;  
ROMANOV, F.I.; KULIKOV, M.V.,red.; DOIMANOV, P.S.,vedushchiy red.;  
YASHCHURZHINSKAYA, A.B.,tekh.red.

[Geology, and oil and gas potentials of the Minusinsk Lowland]  
Geologicheskoe stroenie Minusinskikh mezhgornnykh vpadin i  
perspektivy ikh nefte-gazonosnosti. Leningrad, Gos.nauchn.  
tekh.izd-vo nef. i gorno-toplivnoi lit-ry Leningr. otd-nie,  
1958. 288 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledo-  
vatel'skii geologorazvedochnyi institut. Trudy, no.120)

(MIRA 12:5)

(Minusinsk Lowland--Petroleum geology)  
(Minusinsk Lowland--Gas, Natural--Geology)

BOROVSKAYA, I.S.

Recent data on the lower Carboniferous lithology of Tuva. Trudy  
SGPK no.2:302-314 '61. (MIRA 14:11)  
(Tuva Autonomous Province--Rocks, Sedimentary)

BCROVSKAYA, I.S.; ZAYTSEV, N.S.

Lower Riphean phosphorites of the mountainous margin of  
the southern part of Siberia. Dokl. AN SSSR 165 no.2:395-  
398 N '65. (MIRA 18:11)

1. Submitted May 18, 1965.

25384  
S/080/61/034/002/003/025  
A057/A129

18.8300

AUTHORS: Kloshkov, A.I.; Karelin, N.A.; Borovskaya, K.I.

TITLE: Effect of deformation by sliding and twinning on the rate of dissolving of zinc single crystals in hydrochloric acid

PERIODICAL: Zhurnal Prikladnoy Khimii, v 34, no 2, 1961, 272-277

TEXT: The effect of the orientation angle and deformation by sliding or twinning of zinc single crystals on the dynamics of the dissolving rate in 1 M HCl solutions was investigated. This problem is of interest since zinc and zinc alloy articles are manufactured using various types of plastic deformation, and corrosion resistance is effected by changes in the crystalline state. Corrosion of zinc polycrystals was investigated by several authors, but only Ye.M. Zaretskiy (Ref 2: ZhPKh, 24, 5-8, 482 (1951), and Ref 3: ZhPKh, 24, 2, 619 (1951)) studied the effect of deformation on corrosion. Zinc single crystals were investigated already by M. Straumainis

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Effect of deformation ...

(Ref 10: Z. phys. ch., 147, 16 T (1930)) and N.S. Akhmetovi, and G.S. Vozdvizhenskiy (Ref 11: ZhPKh, 29, 8, 1196 (1956)) and different solubility of crystal faces in hydrochloric acid solutions was observed, but the effect of plastic deformation on the corrosion rate of the single crystals was not studied. Zinc single crystals investigated in the present work were prepared by V.D. Kuznetsov's method (Ref 12: "Fizika tverdogo tela" ("Solid State Physics") Tomsk, 1, 232 (1937)). Orientation of single crystals was determined by the method of thermal electromotive force (t.e.m.f.) described by N.A. Karelin (Ref 13: "Metodicheskiy sbornik" ("Methodical collection") ChGPI, Chelyabinsk (1953)), and based on P.V. Bridgman's observation that t.e.m.f. is a linear function of  $\cos^2 \alpha$  ( $\alpha$  = angle between the principal crystallographic axis and the geometrical axis of the single crystal). The t.e.m.f. was measured in couple with copper and  $\alpha$  was determined graphically, or by the formula  $\Theta_{\alpha} = 0.50 - 1.82 \cos^2 \alpha$  (2), i.e., the orientation of the single crystal was thus determined. After determination of the orientation, the kinetics of dissolution was studied in 1 N HCl solution. The first series of experiments concerning the effect of  $\alpha$  on the dissolving rate in non-deformed crystals gave results in agreement with

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Effect of deformation ...

those published by M. Straumainis (Ref 10). In a second series deformed single crystals were investigated by sliding and twinning, and the corroded crystals were photographed in polarized light (Fig 6, 8). The obtained results demonstrate that deformation by sliding increases the dissolving rate. Between the sliding faces some "weak" segments were formed and were strongly corroded. Deformation by twinning increases also the dissolving rate. Corrosion occurs in the zinc twins formed (in Fig 8 the deep bonds of twins are well visible) which have a higher chemical activity not only in the partition of the initial structure and the formed twin, but mainly in the bulk of the latter. Since twins formed by deformation are less corrosion resistant and appear after mechanical treatments of zinc or zinc alloy articles, thermal treatment should be carried out to destroy the twins formed by mechanical processing. Conditions for the thermal after-treatment should be investigated on zinc single crystals, since these are more suitable than polycrystals for this purpose. In connection with investigations of the corrosion resistance of zinc polycrystals the following authors are mentioned: S.Ya. Popov (Ref 13 "Vliyaniye nekotorykh

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Effect of deformation ...

kationnykh i anionnykh dobavok na korroziyu tsinka i kadmiya v rastvore solyanoy kisloty" ("Effect of some cationic and anionic admixtures on corrosion of zinc and cadmium in hydrochloric acid solution"). Novocherkasskiy politekhn. inst. im. Ordzhonikidze (Novocherkassk "Order of the Red Banner of Labor" Polytechnic Institute imeni Sergo Ordzhonikidze), Promstroyizdat, 25 (1954)), V.I. Rodionova (Ref 4: Dissertation M (1955)), M.P. Slavinskiy (Ref 5: "Fiziko-khimicheskiye svoystva elementov" ("Physico-chemical properties of elements"), Metallurgizdat, 170 (1952)), G.V. Akimov (Ref 8: "Osnovy ucheniya o korrozii i zashchite metallov" ("Principles of the science of corrosion and protection of metals"), Metallurgizdat (1946)). There are 9 figures and 14 references: 13 Soviet-bloc and 1 non-Soviet-bloc. The English-language reference reads as follows: E.A. Anderson, M.L. Fuller, Metals and Alloys, 10, 9, 282 (1939).

ASSOCIATION: Kafedra khimii Chelyabinskogo politekhnicheskogo instituta  
(Department of Chemistry of the Chelyabinsk Polytechnic  
Institute)

Card 4/6

BOROVSKAYA, M., nauchnyy sotrudnik

Transmission of tobacco blue mold through seeds. Zashch. rast.  
ot vred. i bol. 10 no.3:44-45 '65. (MIRA 19:1)

1. Moldavskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta zashchity rasteniy.



BOROVSKAYA, N., kassir (Kiyev)

No, this is not trivial. Grazhd.av. 17 no.6:22 Je '60.

-(MIRA 13:7)

(Aeronautics, Commercial--Passenger traffic)

GAKHOV, Fedor Dmitriyevich; ROGOZHIN, V.S., dots., red.; BACHURINA, T.A., aspirant, red.; GOVORUKHINA, A.A., aspirant, red.; ZARIPOV, R.Kh., aspirant, red.; MEL'NIK, I.M., aspirant, red.; MIKHAYLOV, L.G., aspirant, red.; LITVINCHUK, G.S., aspirant, red.; PARADOKSOVA, I.A., aspirant, red.; KHASABOV, E.G., aspirant, red.; CHERSKIY, Yu.I., aspirant, red.; YANOVSKIY, S.V., aspirant, red.; ARAMANOVICH, I.G., red.; Primali uchastiye: BOROVSKAYA, N.I., red.; RYSYUK, N.A., red.; SMAGINA, V.I., red.; KHAYRULLIN, I.Kh., red.; CHUMAKOV, F.V., red.; POLOVINKIN, S.M., red.; KEPFEN, I.V., red.; MIKHLIN, E.I., tekhn. red.

[Boundary value problems]Kraevye zadachi. Izd.2., perer. i dop.  
Moskva, Fizmatgiz, 1963. 639 p. (MIRA 16:3)  
(Boundary value problems)

SHANIN, S.A.; BALABAY, F.I.; KONONENKO, D.F.; MIKULIN, G.I. [Mykulin, H.I.];  
BOROVSKAYA, N.V. [Borovs'ka, N.V.]; SHINKEVICH, A.P. [Shynkevych, A.P.];  
LIBERZON, L.M.; AMELIN, A.G. [Amelin, A.H.]; BURYAK, K.A.; PECHONKIN,  
V.V. [Plechonkin, V.V.]; YATSENKO, N.N.; GAL'PERIN, N.I. [Hal'perin,  
N.I.]; PEBALK, V.L.; CHEKHOMOV, Yu.K.

Inventions and improvements; certificates of inventions. Khim.prom.  
[Ukr.] no.2:62-64 Ap-Je '65. (MIRA 18:6)

LEBEDEV, P.V.; BOROVSKAYA, T.A.

Effect of nitrogen and soil moisture on shoot formation and productivity in the awnless brome grass. Bot. zhur. 46 no.9:1276-1281  
S '61. (MIRA 14:9)

1. Ural'skiy gosudarstvennyy universitet im. A.M.Gor'kogo,  
Sverdlovsk.

(Brome grass) (Plants, Effect of nitrogen on)  
(Plants, Effect of soil moisture on)

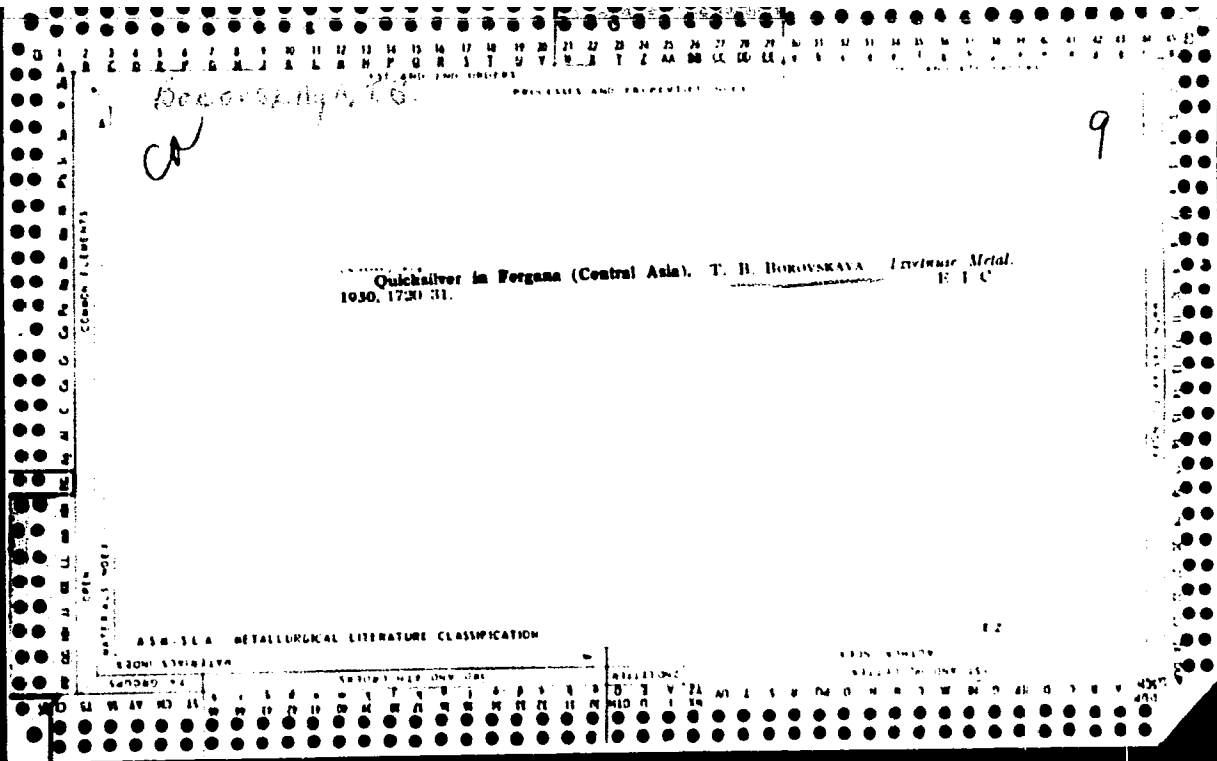


LEBEDEV, P.V.; MEL'NIK, N.S.; BOROVSKAYA, T.A.

Effect of cultivation conditions on the development of wild  
meadow grasses. Bot. zhur. 49 no.3:404-412 Mr '64.

(MIRA 17:3)

1. Ural'skiy gosudarstvennyy universitet, Sverdlovsk.



БОРОВСКАЯ, В.Г.

FURMANOV, S.I., BOROVSKAYA, V.G.

Therapeutic importance of vitamin B<sub>7</sub> in treatment of eczema and other dermatoses. Vest. vener. No.3:43-45 May-June 50. (GLML 19:4)

1. Of the Skin Division (Head -- Docent S.I. Furmanov), Ukrainian Scientific-Research Skin-Venereological Institute (Director -- Prof. A.M. Krichevskiy).



BOROVSKAYA, V.G.

MADIYEVSKAYA, N.N., kandidat meditsinskikh nauk. (Khar'kov); BRAILOVSKIY,  
A.Ya., kandidat meditsinskikh nauk. (Khar'kov); BOROVSKAYA, V.G.,  
mladshiy nauchnyy sotrudnik (Khar'kov)

Qualitative and quantitative changes in serum proteins in psoriasis,  
pemphigus, dermatitis herpetiformis, and lupus erythematosus.  
Vrach. delo no.3:314 Mr '57 (MLRA 10:5)

1. Ukrainskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy  
institut.  
(SKIN--DISEASES) (BLOOD PROTEINS)

BRILLOVSKIY, A.Ya., kand.med.nauk; MADIYEVSKAYA, N.N., kand.med.nauk;  
BOROVSKAYA, V.G., nauchnyy sotrudnik (Zhar'kov)

Liver function and certain physical and chemical factors of the blood  
in late forms of syphilis. Vrach.delo no.1:1321-1323 D '58. (MIRA 12:3)

1. Ukrainskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy  
institut.

(SYPHILIS)

(BLOOD)

(LIVER)

BCROVSKAYA, V. G., Candidate Biol Sci (diss) -- "Blood prothrombin as an index of the functional state of the liver in patients with active forms of syphilis". Kiev, 1959. 11 pp (Kiev Order of Labor Red Banner Med Inst im Acad A. A. Bogomolets), 200 copies (KL, No 23, 1959, 163)

**BOROVSKAYA, V.G.**

Experimental data on the effect of novarsenol on prothrombin time.  
Farm. i toks. 22 no.4:370 J1-Ag '59. (MIRA 13:1)

1. Biokhimicheskaya laboratoriya (sav. - kand.med.nauk N.N. Madiyevska-  
ya) Ukrainского nauchno-issledovatel'skogo kozhno-venerologicheskogo  
instituta.

(PROTHROMBIN TIME pharmacol.)

(NEOARSPHENAMINE pharmacol.)

BOROVSKAYA, V.G.

Functional state of the liver in syphilitic patients. Vest.derm.i  
ven. 33 no.5:70-74 S-O '59. (MIRA 13:2)

1. Iz biokhimicheskoy laboratorii (zaveduyushchiy - kand.med.nauk  
N.N. Madiyevskaya) Ukrainskogo nauchno-issledovatel'skogo kozhno-  
venerologicheskogo instituta (direktor - dotsent B.A. Zadorozhnyy)  
(LIVER physiol.)  
(SYPHILIS physiol.)

BOROVSKAYA, V.G., kand.med.nauk; PETRUNIN, P.F.

Functional state of the adrenal cortex, content of blood proteins and some other biochemical indices in patients with eczema. Vest. dermat. i ven. 37 no.2:21-25 P'63.

(MIRA 16:10)

1. Iz Ukrainского kozmo-venerologicheskogo instituta (dir. dotsent A.I.Pyatikop).

\*

BRILLOVSKIY, A.Ya.; BOROVSKAYA, V.G.; BRIND, A.I.; SUKHOVIY, F.I.

Visceral and metabolic disorders in elderly and senile patients  
with eczema and neurodermatitis. Vest. dermat. i ven. 38 no.7:274-  
33 J1 '64. (MIRA 18:4)

1. Ukrainskiy nauchno-issledovatel'skiy kozhno-generologicheskiy  
institut (dir. - dotsent A.I.Pyatikop), Khar'kov.

BAZYKA, A.P.; BOROVSENIA, V.G.; PETRUNIN, P.F.

17-ketosteroids and blood proteins in allergic dermatoses.  
Vest. dermat. i ven. no.1:16-22 '65. (MIRA 18:10)

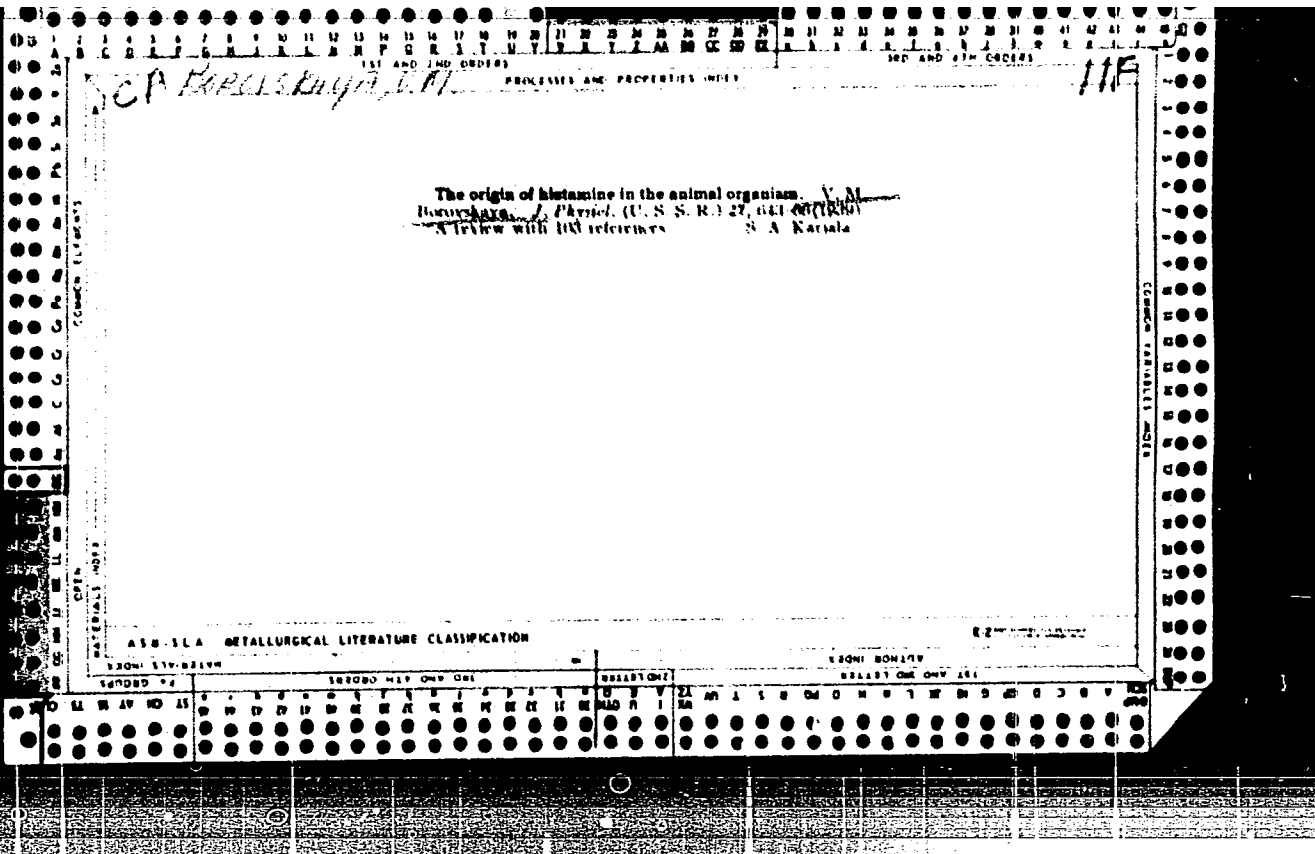
1. Ukrainskiy nauchno-issledovatel'skiy kozhno-venerologicheskii  
institut (dir.- dotsent A.I. Pyatikop), Khar'kov.



PIROGOVA, O.M.; BOROVSKAYA, V.G.; BAKULINA, K.I.; BRON, B.Z.

Role of some endocrine and metabolic disorders in the pathogenesis and treatment of lupus erythematosus. Vest. dermat. i ven. no.2:11-16 '65. (MIRA 18:10)

1. Kozhnyy otdel (zav. A.P.Bazyka) i biokhimicheskaya laboratoriya (zav. N.N.Madiyevskaya) Ukrainского nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor - dotsent A.I. Pyatikop), Khar'kov.



PROCESSES AND PROPERTIES INDEX

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*CA Borovskaya, V. M.*

**Origin of histamine in the animal body. II. Presence of histidine decarboxylase in animal tissues and a method for determination of histamine.** V. M. Borovskaya. *J. Physiol. U. S. S. R.* 20, 96 114 (in German, 114) (1940); cf. *C. A.* 34, 5138. To det. histidine decarboxylase, add to 5 cc. of the Tyrode soln., 60 mg. histidine and 1 g. of finely ground tissue, or an equiv. amt. of its phosphate, glycerol, or water ext., make slightly alk., add 1 cc. of toluene and let stand in a thermostat for 24 hrs. Prep. a control mixt. without histidine. Det. by its action on isolated intestinal tissue the quantity of histamine formed. From this it is possible to judge the amt. of histidine decarboxylase present in the tissue. For detn. of histaminase, dry the finely minced tissue with acetone and ether (this destroys the histidine decarboxylase), and add the ext. to a flask contg. 5 cc. of histamine soln. (1:1,000, 000). Compare its action on intestinal tissue with that of a soln. contg. histamine alone. These biol. methods are convenient and are more specific and accurate than other methods. It was not possible to connect the presence of histidine decarboxylase with any one specific tissue or organ in different animal species; therefore, it is improbable that the formation of histamine takes place in only one definite tissue or organ in the body. In the rabbit and the guinea pig, kidneys and liver are rich in histidine decarboxylase, the spleen is relatively poor, and no other organs contain it. In the dog, lungs and liver contain much active histidine decarboxylase, in the hog it is absent from kidneys and liver, in the rat and the pigeon, liver and kidneys have relatively less of it than in the rabbit.

Histaminase was found in kidneys, intestines and lungs of the dog. There was no parallelism between the contents of this enzyme and of histamine. In the kidney histidine decarboxylase was found only in the cortex; histaminase was also present in the medulla. In uranium poisoning of rabbits the kidneys were totally without histidine decarboxylase; histaminase was absent from the cortex, but remained unchanged in the medulla. Diphtheria toxin in rabbits destroyed histidine decarboxylase. In malignant tumors transplanted in animals there was complete absence of histidine decarboxylase; hence no histamine could be produced in these tissues. 47 references.

C. S. Shapiro

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A.S.M. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

A.S.M. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

*Borovskaya et al.* 112

*ca*

SECRETION OF HISTAMINE ON EXCITATION OF [FROG] SKIN.  
V. M. BOROVSKAYA AND O. P. MINUT-SOROKHTINA. *Arch. sci. biol.* (U. S. S. R.) 59, No. 3, 91-3 (in English, 1965) (1940).—On excitation the perfusate of the skin contained a substance thought to be histamine. . . . T. Laanes

COMMON ELEMENTS  
PROCESSES AND PROPERTIES INDEX  
METALLURGICAL LITERATURE CLASSIFICATION  
AUTHOR INDEX  
1ST AND 2ND LETTERS  
1ST AND 2ND LETTERS

BOROVSKAYA, Ye.

Holding a second job. Okhr. truda i sots. strakh. 3 no.9:74.75  
S '60. (MIRA 14:4)

1. Starshiy yuriskonsul't yuridicheskoy konsul'tatsii Moskovskogo  
gorodskogo soveta professional'nykh soyuzov.  
(Labor laws and legislation)

BOROVSKAYA, Ye.M.; NARZIKULOV, M.N., doktor biol. nauk, glav. red.;  
TURSUNOVA, L.V., bibl. red.; KOTSAHENKO, Ye.G., red. izd-  
va; GELLER, S.P., takhn. red.

Pavel Nikolaevich Ovchinnikov. Vstup. stat'ia S.IU.Lipshitsa.  
Dushanbe, 1963. 81 p. (Materialy k bibliografii uchenykh  
Tadzhikistana, no.3) (MIRA 16:7)

1. Akademiya nauk Tadzhikskoy SSR. Dushanbe. Tsentral'naya  
biblioteka. 2. Chlen-korrespondent AN Tadzh.SSR (for Narzikulov).  
(Ovchinnikov, Pavel Nikolaevich, 1903-)

BAGHENINA, N.V.; BOROVCKAYA, Ya.M.

Characteristics of the development of temperature regulation  
in voles during the first month after their birth. Biul. MDIP.  
Sov. biol. 68 no.3:34-45 My-Je '63. (MIRA 17:8)

TSEYTLIN, S.; BOROVSAYA, Ye.

Committees on labor disputes. Okhr. truda i sots. strakh.  
6 no.11:42-43 N '63. (MIRA 16:11)

1. Starshiye yuriskonsul'ty Moskovskoy yuridicheskoy  
konsul'tatsii professional'nykh soyuzov.



SHELYUTO, Kseniya Vladimirovna; BOROVSKAYA, Yekaterina Nikiforovna;  
BODERSKOVA, N.N., red.; TIMOFEYEVA, N.V., tekhn. red.;  
VLADIMIRSKAYA, L.S., tekhn. red.

[Bonus payments to engineers and technicians according to  
Soviet law] Premirovanie inzhenerno-tehnicheskikh rabotnikov  
po s~~ov~~etsk~~o~~mu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1962.  
124 p. (MIRA 15:3)

(Engineers--Salaries, pensions, etc.)  
(Bonus system)

~~SECRET, S.I. SECRET, Y. E.~~

Utilization of cobalt ore tailings. Izv. AN Azerb. SSR. Ser. 1. 1984.  
No. 7: 71-75. (MIRA 10:1.)  
(Dachkasan region (Azerbaijan)--Cobalt)

VEKILOVA, F.I.; BOROVSKAYA, Yu.B.

Cobalt and nickel in soils of certain regions of the Lesser  
Caucasus. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.6:51-64  
'60. (MIRA 14:3)

(Caucasus—Cobalt)

VEKILOVA, F.I.; BOROVSKAYA, Yu.B.; EFENDIYEVA, E.K.

Distribution of cobalt in natural waters. Izv. AN Azerb. SSR Ser.geo.-  
geog. nauk i nefiti no.2:43-52 '62. (MIRA 15:6)  
(Cobalt) (Water, Underground--Composition)

VEKILOVA, F.I.; BOROVSKAYA, Yu.B.; EFENDIYEVA, N.G.

Distribution of cobalt in plants. Izv.AN Azerb.SSR. Ser.geol.-geog.  
nauk i nefti no.4:71-86 '63. (MIRA 17:4)

BOROVSKI, B.

The Urazhai Radio Station. p. 23.

Vol. 4, no. 9, 1955

RADIO

Sofiya, Bulgaria

So: Estern European Accession Vol. 5 No. 4 April 1956

BOROVSKI, B.

TEMP-2 television receiver. p. 31.

RADIO. Vol. 5, no. 7, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

BOROVSKI, B.

BOROVSKI, B. Urozhai-B Radio Station. p. 31. Vol. 5, no. 10, 1956  
ELEKTROENERGIJA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957



BOROVSKI, B.

Television receivers. I. General information on television transmitters and receivers;  
arrangement in blocks.p.43.  
(RADIO I TELEVIZIIA, Vol. 6, no. 1, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

BCROVSKI, B.

High-frequency part of the television receiver. p. 46.  
(RADIO I TELEVIZIJA, Vol. 6, no. 2, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

BOROVSKI, B.

Television receivers. p.45.

(RADIO I TELEVIIZIIA, Vol. 6, no. 3, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

BOROVSKI, B.

Vision-reception channel of the television receiver. p. 44.  
(RADIO I TELEVIZIJA, Vol. 6, no. 4, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

45776

S/194/62/000/012/090/101  
D413/D308

9.3273

AUTHOR: Borovski, B. Kh.

TITLE: A new synchronous FM discriminator circuit

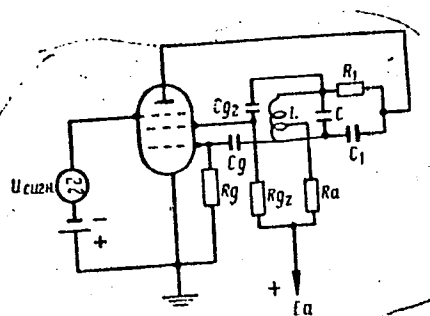
PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,  
no. 12, 1962, 86, abstract 12-7-172 b (Godishnik Mash.-  
elektrotekhn. in-t, v. 7, book 2, 1960 (1961), 93-101  
(Bulg.; summary in Ger.))

TEXT: A circuit of a synchronous (heterodyne) FM discriminator is presented which enables one to use a lower-quality tuned circuit and simpler tuning than in familiar circuits. The signal to be detected is fed to the third grid of a tube, the heterodyne LC circuit being connected between grids 1 and 2 (see Fig.). An analysis is given and the basic characteristics of the synchronous heterodyne FM discriminator are considered. The results of an experiment carried out for two resonant frequencies are given. 3 references. X  
[Abstracter's note: Complete translation.]

Card 1/2

A new synchronous ...

S/194/62/000/012/090/101  
D413/D308



Card 2/2

45781

S/194/62/000/012/096/101  
D413/D308

9.3280

AUTHOR: Borovski, B. K.

TITLE: The use of a phantastron circuit as a timebase generator for an electronic oscilloscope

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 126, abstract 12-7-251 m (Godishnik Mash.-elektrotekhn. in-t, v. 7, book 2, 1960 (1961), 103-120 (Bulg.; summary in Ger.))

TEXT: The author examines a phantastron circuit with screen-grid coupling which gives single-shot triangular pulses, and two circuits of this type which operate in the free-running mode. A phantastron with cathode coupling may give single-shot pulses or free-run according to the value of the cathode resistor  $R_k$ . A graphic-analytical method is given for finding the self-oscillation conditions for a phantastron circuit with cathode coupling and calculating the characteristics of the output sawtooth, based on the

Card 1/2

S/194/62/000/012/096/101  
D413/D508

The use of a ...

dynamic characteristics  $i_a = F(U'_{g_1})$  and  $i_{g_1} = f(U'_{g_1})$ , where  $i_a$  is the anode current and  $i_{g_1}$  and  $U'_{g_1}$  the control grid current and vol-

tage. For use as a time base generator a circuit is proposed that gives a flyback duration <5% of the period and provides for varying the frequency of the sawtooth waveform by a factor of 5 with practically constant amplitude. It has been shown experimentally that the use of a cathode follower to still further reduce the flyback duration, gives practically no result. The characteristics of the sawtooth as calculated by the graphic-analytical method do not differ from those measured on an oscillogram by more than 10%.  
[Abstracter's note: Complete translation.]

Card 2/2



BOROVSKIKH, Afanasiy Andreyevich; SHCHUKIN, Aleksandr Grigor'yevich;  
VSHIVKOV, P.P., inzh., retsenzent; SHELEKHOV, V.A., inzh.,  
red.; DUGINA, N.A., tekhn. red.

[Operator of a hydraulic press] Mashinist gidravlicheskogo pres-  
sa. Moskva, Mashgiz, 1962. 111 p. (MIRA 15:10)  
(Hydraulic presses)

BOROVSKIKH, A.F., inzh.

Method of firing borehole charges insuring a series of blasts.

Gor. zhur. no.7:66-67 J1 '64.

(MIRA 17:10)

1. Berezovskiy rudnik im. Kirova.

BOROVSKIKH, B., inzhener.

Moving residential houses from zones to be flooded. Zhil.-kom.  
khoz. 7 no.6:7-8 '57. (MIRA 10:10)  
(Dwellings)

BOROVSKIKH, B., inzh.

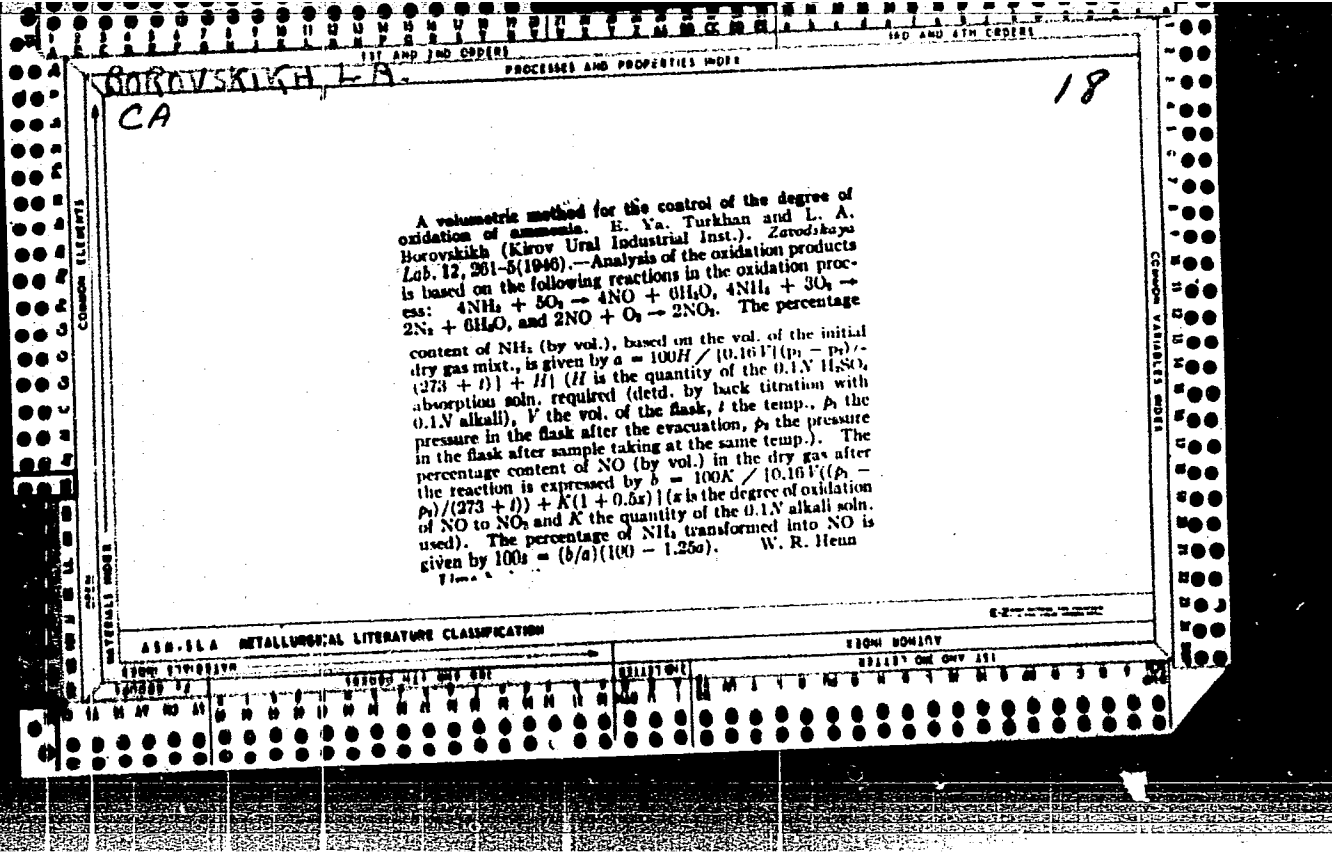
Improve the planning of the repair and construction work. Zhil.-kom.  
khoz. 8 no. 7:8-9 '58. (MIRA 11:8)  
(Apartment houses--Maintenance and repair)

BOROVSKIKH, B.A., kand.ekonomicheskikh nauk

Expenses for the restoration of buildings and structures moved  
onto new foundations from the areas of hydroelectric power  
station reservoirs. Gidr. stroi. 31 no.9:42-43 S '61. (MIRA 14:12)  
(Construction industry—Finance)  
(Reservoirs)

BOROVSKIKH, I.I., dotsent.

Boring conjugate and coaxial holes. Trudy Ural.politekh.inst.  
no.50:118-130 '56. (MLRA 9:11)  
(Drilling and boring machinery)



BOROVSKIKH, L. A.

Dissertation: "Investigation Into the Influence of Sodium Sulfate on the Double Decomposition of Sodium Bichromate With Potassium Chloride." Cand Tech Sci, Ural Polytechnic Inst, Sverdlovsk 1953.

W-30928

SO: Referativnyy Zhurnal, No. 5, Dec. 1953, Moscow, AN USSR (~~XXXXXX~~)



VIL'NENSKIY, Ya.Ye.; SAVINKOVA, Ye.I.; BOROVSKIKH, L.A.; SHCHEGROV, L.N.

Chlorination rate of magnesium oxide in a molten chloride. Trudy  
Ural.politekh.inst. no.96:74-81 '60. (MIRA 14:3)  
(Magnesium oxide) (Chlorination)

SAVINKOVA, Ye.I.; BOROVSKIKH, L.A.; VIL'NYANSKIY, Ya.Ye.

Relation between the speed of chlorination of the magnesium oxide  
suspension in chloride melt and the nature of the reducing agent  
and its dosage. Trudy Ural. politekh. inst. no.94:48-52 '60.  
(MIRA 15:6)  
(Magnesia) (Chlorination)

VIL'NYANSKIY, Ya.Ye.; BOROVSKIKH, L.A.; KOVEL', M.S.

Preparation of chromium oxide by reducing alkaline chromate  
with sulfur dioxide. Zhur.VKHO 8 no.1:116-117 '63.

(MIRA 16:4)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Karova.  
(Chromium oxides)      (Sodium chromate)      (Sulfur dioxide)

BOROVSKIKH, V.G.; KUSHVID, N.A.

Increase in the work output of locomotives. Elek. i topl.  
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(for Kushvid).

(Locomotives)

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Avt. trakt. prom. no.2, 1952

BOROVSKIKH, Yu. [I.]

~~BOROVSKIKH, Yu.~~, kandidat tekhnicheskikh nauk.

Selecting the regulation limits of voltage regulators of an automobile. Avt, transp. 32 no.11:12-14 N '54. (MLRA 8:3)  
(Automobiles--Electric equipment)

[E.]  
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Alkaline iron-nickel storage batteries. Avt.transp. 35 no.3:30  
Mr '57. (MLRA 10:5)

(Automobiles--Batteries)



GAIKIN, Yuriy Mikhaylovich; MASTYAYEV, N.Z., kand.tekhn.nauk, retsenzent;  
BOROVSKIKH, Yu.I., kand.tekhn.nauk, retsenzent; GOL'DBERG, G.I.,  
inzh., red.; PAL'KO, O.S., red.izd-va; EL'KIND, V.D., tekhn.red.

[Electric equipment of automobiles and tractors] Elektrooborudovanie  
avtomobilei i traktorov. Moskva, Gos.nauchno-tekhn.izd-vo mashino-  
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1. Kafedra "Elektrooborudovaniye samoletov i avtomobiley" Moskovskogo  
energeticheskogo instituta (for Mastyayev). 2. Moskovskiy avtome-  
khanicheskiy institut (for Borovskikh).  
(Automobiles--Electric equipment)  
(Tractors--Electric equipment)

BOROVSKIKH, Yu.I., kand.tekhn.nauk; MAYZENBERG, Yu.I.

Two-cell relay regulators for motor vehicles. Avt.prom. no.8:  
28-30 Ag '60. (MIRA 13:8)

1. Nauchno-issledovatel'skiy institut Avtopriborov.  
(Motor vehicles--Electric equipment)

BOROVSKIKH, Yu.I.; MAYZENBERG, Yu.I.; YEGOROV, L.K.

Investigating voltage drops in the starter circuit of a motor vehicle. Avt.prom. 27 no.12:22-24 D '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy eksperimental'nyy institut avtotraktorного elektrooborudovaniya i priborov.  
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(MIRA 14:10)  
(Electric relays)

BOROVSKIKH, Yu.I.

Developing new series of starting batteries. Avt.prom. 28  
no.5:23-25 My '62. (MIRA 15:5)

1. Moskovskiy avtomekhanicheskiy institut.  
(Motor vehicles--Batteries)

ATOYAN, Karp Mironovich, kand. tekhn. nauk; KAMINSKIY, Yakov  
Noyevich, inzh.; BOROVSKIKH, Yu.I., red.

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Electric equipment of the ZIL-130 car. Avt. transp. no.12:  
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1. Moskovskiy avtomobil'no-dorozhnyy institut imeni Molotova (for Borovskikh). 2. Moskovskiy avtomobil'nyy zavod imeni Likhacheva (for Kugel').

BOROVSKIY, A.L.

CHERNOBYL'SKIY, I.I., doktor tekhnicheskikh nauk, professor; KREMNEV, O.A.,  
kandidat tekhnicheskikh nauk; BOROVSKIY, A.L., inzhener; SATANOVSKIY,  
A.L., inzhener; TYUMENEV, Ya.K., inzhener.

Study of the raw silk drying process on cocoon reolers. Tekst.prom.  
15 no.11:15-18 N '55. (MLRA 9:1)

(Silk manufacture)



BOROVSKIY, A.V.

Effect of cortisone on antineoplastic immunity and the functional activity of the adrenal cortex. Vop. onk. 11 no.6:636-67 1965.

(MIRA 18:2)

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*Borovskiy, B.*

USSR/Cultivated Plants - General Problems.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15460

Author : ~~B. Borovskiy~~

Inst : -

Title : Intertilled and Fodder Crop Rotations in North Eastern  
Kazakhstan.  
(Propashnyye i kornovyye sevooboroty na severo-vostoke  
Kazakhastana).

Orig Pub : S. kh. Kazakhstana, 1956, No 10, 18-23.

Abstract : The problem of the correct combination of 6-field inter-  
plowed field crop rotation with forage is considered,  
which can occupy up to 15-20% of all the crop rotating  
area in regions with inadequate natural fodder crops.  
Field crop rotations sown with perennial grasses is  
recommended for land subject to wind erosion.

Card 1/1

6

BOROVSKIY, B. dots.; SPICHKIN, G., kand. tekhn. nauk.

"Servicing GAZ-51 and ZIL-150 mototrucks" by B.V. Ershov, M.V.  
Zaletaev, A.M. Ul'ianetskii. Reviewed by B. Borovskii, G. Spichkin.  
Avt. transp. 36 no.2:39 P '58. (MIRA 11:2)

(Mototrucks--Maintenance and repair)  
(Ershov, B.V.) (Zaletaev, M.V.) (Ul'ianetskii, A.M.)

6036862 SOURCE CODE: UR/0141  
 AUTHOR: Ovsyannikov, B. V.; Borovskiy, B. I.  
 ORG: none  
 TITLE: Problem of energy transfer in centrifugal and mixed-flow pumps by circulation and Coriolis forces  
 SOURCE: IVUZ. Aviatsonnaya tekhnika, no.4,1966,107-113  
 TOPIC TAGS: centrifugal pump, mixed flow pump, pump performance analysis, pump design, CORIOLIS FORCE  
 ABSTRACT: An analysis is presented of some problems of designing centrifugal and mixed-flow pumps from the point of view of the energy transfer processes. It was previously shown (Ovsyannikov, B. V., Aviatsonnaya tekhnika, no.2.,1963) that in a centrifugal pump the energy is transferred to the fluid by Coriolis inertia forces and circulation forces (i.e., forces associated with the circulation of relative velocities around impeller blades). Formulas are derived for calculating these forces, and relationships are obtained for these forces and certain geometric pump parameters. It is noted that this approach to pump analysis makes it possible to explain various

UDC: 621.67

SERDYUK, V.P., kand.tekhn.nauk; BOROVSKIY, B.N., inzh.

Experimental study of the changes in the transmission ratio of the chain speed variator. Report No.1: Experimental unit. Izv.vys.ucheb.zav.; tekhn.prom. no.6:126-130 '61. (MIRA 14:12)

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(Gearing)

BOROVSKIY, B.N., inzh.; SERDYUK, V.P., kand. tekhn. nauk, dotsent

Theory of the losses in a chain speed variator. Izv. vys.  
ucheb. zav.; tekhn. leg. prom. no.5:106-115 '63. (MIRA 16:12)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.  
Rekomendovana kafedroy detaley mashin.

SERDYUK, V.P., kand. tekhn. nauk, dotsent; BOROVSKIY, B.N., inzh.

Investigating the losses in the chain speed variator. Izv. vys.  
ucheb. zav.; tekhn. leg. prom. no.3:143-151 '63.

(MIRA 16:7)

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Rekomendovana kafedroy detaley mashin.

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BUKHARIN, DR. N. A. - BOGORSKIY, B. Ye. - VINOGRADOV, S. I. - GUBANOV, V. I.

GUREVICH, I. S. - YERSHOV, S. K. - ZOLOTILOV, I. S. KRUGLOV, N. G.

FEDOROV, S. A.

Automobiles - Design and Construction

Experience with operating domestic automobiles in Leningrad and in Leningrad  
Province. Avt. trakt. prom. no. 2, 1953

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NIKITIN, Nikolay Anstol'yevich,; BOBOVSKIY, B.Ye., dots., nauchnyy red.;  
ROZENBERG, A.S., red. izd-va,; PUL'KINA, Ye.A., tekhn. red.

[Organization of hauling operations in the construction industry]  
Organizatsia perevozok na stroitel'stve. Leningrad, Gos. ind-vo  
lit-ry po stroit., arkhit. i stroit. materialam, 1958. 63 p.  
(MIRA 11:12)

(Construction industry)  
(Transportation, Automotive)

BOROVSKIY, Boris Yevstaf'yevich; POPOV, Mikhail Dmitriyevich; PRONSHTEYN,  
~~Mark Yakovlevich~~; BRONSHTEYN, Ya.I., red.; PCHELKIN, Yu.V., red.;  
LEVONEVSKAYA, L.G., tekhn. red.; POL'SKAYA, R.G., tekhn. red.

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red. IA.I.Bronshteina. Leningrad, Lenizdat, 1962. 482 p.  
(MIRA 15:10)

(Motor vehicles) (Traffic regulations)  
(Automobiles--Touring)

BOROVSKIY, Boris Yevstaf'iyevich; POPOV, Mikhail Dmitriyevich;  
PRONSHTEYN, Mark Yakovlevich; YEMEL'YANOVA, Ye.V., red.;  
CHERVOVA, M.S., red.

[Handbook for the motor-vehicle driver] Spravochnaia kniga  
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BOROVSKIY, E.R., inzh. (Kiyev)

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New antifungal antibiotic mycoheptin from the group of non-aromatic heptaenes. Antibiotiki 10 no.9:776-780 S '65. (MIRA 18:9)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov, Gdan'skiy politekhnicheskii institut, Pol'skaya Narodnaya Respublika.

BOROVSKIY, G., zhurnalist; GEYMAN, B., zhurnalist; IVLEV, V., zhurnalist;  
MUTSIYENIK, R., zhurnalist; ZELENKO, G.A., red.; SHADRINA, N.D.,  
tekhn. red.

[Initiators of the new in the seven-year plan] Zachinateli novogo v  
semiletke; liudi trudovogo podviga. Moskva, Izd-vo VTsSPS Profizdat,  
No.2. 1961. 44 p. (MIRA 14:12)  
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ANTONOV, V., zhurnalist; BOROVSKIY, G., zhurnalist; BOCHKO, L., zhurnalist;  
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zhurnalist; CHISTYAKOV, L., zhurnalist; SIDOROV, N., zhurnalist;  
NENASHEV, V., zhurnalist; USHATIKOV, N., zhurnalist; NOVICHKOV, A.,  
zhurnalist; YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

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194 p. (MIRA 15:1)

(Industrial equipment--Technological innovations)  
(Automation)



SIDOROV, N.; ANTONOV, V.; BOROVSKIY, G.; BOCHKO, L.; SOLOV'YEV, M.;  
SOLOKHIN, V.; TETERIN, N.; CHISTYAKOV, L.; NENASHEV, V.;  
USHATIKOV, N.; NOVICHKOV, A.; YARTSEV, N., red.; KUZNETSOVA, A.,  
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[Technology summons us] Tekhnika zovet. Moskva, Mosk. rabochii,  
1961. 194 p. (MIRA 15:2)  
(Technological innovations) (Automation)

BUBLIK, Andrey Ivanovich [Bublyk, A.I.]; KRASNITSKIY, Mikhail  
Sergeyevich [Krasnyts'kyi, M.S.]; BOROVSKIY, Eduard  
Rudol'fovich [Borovs'kyi, B.R.]; KIYANICHENKO, N.S.  
[Kyanichenko, N.S.], red.; LEUSHCHENKO, N.L., tekhn.  
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[Use of glass pipes in the water piping in farm build-  
ings] Sil's'kyi vnutrishnii vodoprovid iz sklianykh trub.  
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KAZARINOV, Valentin Makarovich, doktor tekhn. nauk, prof.; KARVATSKIY, Bronislav Lyudvigovich, doktor tekhn. nauk, prof.; YASENTSEV, V.F., kand. tekhn. nauk; KARMINSKIY, D.E., prof., retsenzent; BOROVSKIY, G.M., kand. tekhn. nauk, retsenzent; KLYKOV, Ye.V., kand. tekhn. nauk, red.; KHITROV, P.A., tekhn. red.

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

ZAKHARCHENKO, D.D., kand.tekhn.nauk, dotsent; BUD'KO, G.F.; BOROVSKIY, G.M.  
kand.tekhn.nauk

Why does the traction power of an electric locomotive increase as the field excitation of the traction motors is decreased? Elek.i tepl. tiaga 5 no.4:37-38 Ap '61. (MIRA 14:6)

1. Zamestitel' glavnogo revizora po bezopasnosti dvizheniya Ministerstva putey soobshcheniya (for Bud'ko).  
(Electric locomotives)