

Carbide Analysis of White Iron

SOV/32-25-6-4/53

ments of the cementite potential were made on a lamp potentiometer of the LP-5 type. The potential determinations on cementite and ferrite showed that the following values are to be regarded as optimum conditions of the carbide analysis of (I) : Current density 10-15 ma/cm<sup>2</sup>, duration of electrolysis up to three hours, electrolyte 0.3 n hydrochloric acid solution, temperature - room temperature. There are 2 figures and 7 Soviet references.

ASSOCIATION: Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk Metallurgical Institute)

Card 2/2

LEV, I. YE.

四庫全書

5



APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

LEV, I.Ye.

Distribution of alloying elements in the structure formation of  
white cast iron. Iss. vys. ucheb. zav.; stern. no. 2:173-150 '60.  
(MIA 19.5)

1. Dnepropetrovskiy metallurgicheskiy institut.  
(Cast iron metallurgy)  
(Phase rule and equilibrium)

LEV, Isaak Yefimovich; TARAN-ZHOWNIR, Yu.N., otv. red.; LIBERMAN, S.S.,  
ved. red.; ANDREYEV, S.P., tekhn. red.

[Carbide analysis of cast iron] Karbidnyi analiz chuguna.  
Khar'kov, Metallurgizdat, 1962. 180 p. (MIRA 15:7)  
(Cast iron-Metallography)  
(Phase rule and equilibrium)

S/032/62/028/003/002/017  
B127/B110

AUTHORS: Lev, I. Ye., and Kovtun, M. S.

TITLE: Determination of small cerium quantities in cast iron and steels

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 3, 1962, 273-274

TEXT: A rapid method of determining Ce in carbon-containing iron alloys is described. Ce is precipitated as oxalate at pH 5.5-7.0 with lanthanum oxalate as collector. Ce is coprecipitated with La in acid medium even with large excess of Fe, Al, or Mn. 1.0 g of steel or cast iron is dissolved in 30 ml HCl (1:3). The carbides are destroyed by dropping in  $\text{HNO}_3$  (1:40), and then 4 ml of 10 mg/ml  $\text{La}(\text{NO}_3)_3$  solution is added. In the case of cast iron, graphite and  $\text{SiO}_2$  are filtered off. 100 ml of saturated oxalic acid is added, the solution is heated and neutralized with  $\text{NH}_4\text{OH}$  (1:3) until turbidity sets in. After settling for 1 hr, the precipitation is filtered, dissolved in 5 ml of 1.0 M  $\text{H}_2\text{SO}_4$ , after addition

Card 1/2

S/032/62/028/003/002/017

B127/B110

Determination of small cerium...

of one drop  $H_2O_2$  evaporated until  $SO_3$  vapors appear, 5 ml  $H_2O$  added,  
filtered, 25 ml of 20%  $K_4P_2O_7 \cdot 3H_2O$  solution and then 2 ml of 0.01 N  
 $KMnO_4$  added, filled up to 50 ml, and the intensity of coloring measured  
after 3 min with a  $\Phi\bar{E}K-M$  (FEK-M) colorimeter and a green light filter.  
The Ce content is determined with the aid of a calibration curve. There  
are 1 table and 8 references: 6 Soviet and 2 non-Soviet. The two  
references to English-language publications read as follows:  
W. Westwood, A. Mayer. Analyst, 73 (1948); T. Marple, E. Przybylowicz,  
D. Hume, Anal. Chem., 28, 12 (1956). ✓

ASSOCIATION: Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk  
Metallurgical Institute)

Card 2/2

KRIVOSHEYEV, A.Ye.; LEV, I.Ya.; RUDNITSKIY, L.S.; BELAY, G.Ye.

Cerium distribution among phases in white cast iron. *Fiz. met.*  
i metalloved. 16 no.2:313-316 Ag '63. (MIRA 16:8)

1. Dnepropetrovskiy metallurgicheskiy institut.  
(Cast iron—Metallography)  
(Cerium—Metallography)

BARANOV, A.A.; LEV, I. Ye.

Effect of deformation on the carbide transformation. Izv.  
vys.ucheb.zav.; chern.met.7 no. 5:122-123 '64. (MIRA 17:5)

1. Dnepropetrovskiy metallurgicheskiy institut.

LEV, I.Ye., red.

[New methods of analysis in metallurgical and metalworking plants; reports] Novye metody analiza na metallurgicheskikh i metalloobrabatyvayushchikh zavodakh; doklady. Moskva, Metallurgiya, 1964. 191 p. (MIRA 17:10)

1. Soveshchaniye khimikov-analitikov metallurgicheskikh i metalloobrabatyvayushchikh zavodov, issledovatel'skikh i uchebnykh institutov, 1962. Dnepropetrovsk.

ACCESSION NR: AP4039275

S/0148/64/000/005/0122/0123

AUTHORS: Baranov, A. A.; Lev, I. Ye.

TITLE: The effects of deformation in carbide transformation

SOURCE: IVUZ. Chernaya metallurgiya, no. 5, 1964, 122-123

TOPIC TAGS: carbide phase, cold deformation, plastic pearlite, secondary cementite, electrolysis

ABSTRACT: The authors determined the composition of carbides after cold deformation of specimens with 1.25% C. and plastic pearlite as well as secondary cementite. The deformation of 4 x 15 x 80 mm cold-rolled specimens was 21 and 34%. The phase, known as  $\chi$ -carbide and assumed to consist of  $Fe_3C$ , was precipitated by electrolytical technique. Reduced and non-reduced control specimens had the same C contents in the precipitated carbide phase. Considering that  $Fe_1C$  cementite contains 6.67% C while  $Fe_2C$   $\chi$ -carbide contains 9.7% C, it may be assumed that the carbide phase consists of cementite. Thus, the changes in cementite during cold deformation are not associated with the formation of an  $Fe_2C$ -type carbide phase containing 9.7% C. The orig. art. has: 1 table.

Card 1/2

ACCESSION NR: AP4039275

ASSOCIATION: Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk Metallurgical Institute)

SUBMITTED: 04May62

ENCL: 00

SUB CODE: MM

NR REF Sov: 007

OTHER: 000

2/2

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3

KRIVOSHEYEV, A.Ye.; LEV, I.Ye.; RUDNITSKIY, L.S.; BELAY, G.Ye.

Distribution of cerium between the phases of cast iron. Lit.proizv.  
no.7:23-24 Jl '64. (MIRA 18:4)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

LEV, I.Ye.

Determination of magnesium in cast irons by means of the FES-1  
apparatus. Zav. lab. 30 no.1:47 '64. (MIRA 17:9)

1. Dnepropetrovskiy metallurgicheskiy institut.

TARAN, Yu.N. (Dnepropetrovsk); LEV, I.Ye. (Dnepropetrovsk); YATSENKO, A.I. (Dnepropetrovsk); BELAY, G.Ye. (Dnepropetrovsk); Prinimali uchastiye: GERASIMOVA, T.I., inzh.; KURASOV, A.N.

Specific features of the eutectic crystallization of cast iron inoculated with cerium. Izv. AN SSSR, Met. no.3;131-139 My-Je '65.  
(MIRA 18:7)

KRIVOSHEYEV, A. Ye.; LEV. I. Ye.; RUDNITSKIY, L.S.; BELAY, G. Ye.

Distribution of cerium among phases in gray cast iron and its  
effect on the structure. Izv. vys. ucheb. zav.; chern. met. 8  
no.1:130-135 '65 (MIRA 18:1)

1. Dnepropetrovskiy metallurgicheskiy institut.

LEV, I.Ye.

Photometric determining of cerium in ordinary and stainless  
steel. Izv.vys.ucheb.zav.; khim.i khim.tekh. 8 no.4:698-700  
'65. (MIRA 18:11)

1. Dnepropetrovskiy metallurgicheskiy institut, kafedra  
analiticheskoy khimii.

LEV, I.Ye.; BELAY, G.Ye.; TARAN, Yu.N.; YATSENKO, A.I.

Investigating the distribution of cerium in cast iron with the help  
of an electron probe. Fiz. met. i metalloved. 20 no.2:236-242 Ag  
'65. (MIRA 18:9)

1. Dnepropetrovskiy metallurgicheskiy institut i Nauchno-issledovatel'-  
skiy institut chernoy metallurgii, Dnepropetrovsk.

TARAN, Yu.N.; SNAGOVSKIY, V.M.; LEV, I.Ye..

Microscopic division of the carbide phases in Fe - C - Cr alloys.  
Zav. lab. 31 no.9:1111-1112 '65. (MIRA 18:10)

1. Institut chernoy metallurgii imeni Bardina.

BUNIN, K.P.; LEV, I.Ye., kand. tekhn. nauk; SNAGOVSKIY, V.M., inzh.; TARAN,  
Yu.N., kand. tekhn. nauk

Structure of white chromium cast iron. Lit. proizv. no.9:23-24  
S '65. (MIRA 18:10)

1. Chlen-korrespondent AN UkrSSR (for Bunin).

ACC NR: AP6036966

(A, N)

SOURCE CODE: UR/0181/66/008/011/3248/3253

AUTHOR: Geguzin, Ya. Ye.; Mozharov, M. V.; Dobrovinskaya, Ye. R.; Lev, I. Ye.

ORG: Kharkov State University (Khar'kovskiy gosudarstvennyy universitet); All-Union Scientific Research Institute of Single Crystals, Kharkov (Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)

TITLE: Diffusion of cations along boundaries in alkali halide bicrystals

SOURCE: Fizika tverdogo tela, v. 8, no. 11, 1966, 3248-3253

TOPIC TAGS: physical diffusion, alkali halide, activation energy

ABSTRACT: The self-diffusion and diffusion of  $\text{Ag}^+$ ,  $\text{Tl}^+$ ,  $\text{K}^+$ ,  $\text{Na}^+$ ,  $\text{Ni}^{++}$  and  $\text{Ca}^{++}$  cations along boundaries in  $\text{KCl}$ ,  $\text{NaCl}$  and  $\text{KI}$  bicrystals grown by the Kyropoulos method were studied. The distribution of diffusing cations in the boundary region was determined by autoradiography. The role of defects in the diffusion process was described by their diffusional penetrability  $\mathfrak{D} = DS$ , where  $D$  is the diffusion coefficient and  $S$  the cross-sectional area of the diffusion front. The temperature dependence  $\mathfrak{D} = \mathfrak{D}_0 e^{-Q_b/T}$ , where  $Q_b$  is the activation energy of boundary diffusion of univalent ions, was determined experimentally.  $Q_b$  was found to be close to the activation energy of diffusion along an edge dislocation  $Q_d$  and to the activation energy of volume diffusion  $Q_v$  in the low-temperature (impurity) region. It is postulated therefore

Card 1/2

ACC NR: AP6036966

that the elementary diffusion event is similar in all three cases and consists in the jump of the atoms into the neighboring vacancy. It is concluded that the degree of looseness of the boundary is largely independent of temperature, assuming that the boundary width is substantially less dependent on temperature than is the diffusion coefficient. Orig. art. has 6 figures, 1 table and 6 formulas.

SUB CODE: 20/ SUBM DATE: 11Apr66/ ORIG REF: 004/ OTH REF: 014

Card 2/2

DOVZHANSKIY, S.I., kand.med.nauk; MALKIN, I.I.; SMIRNOVA, Ye.P.; KORESHEVA, I.I.; KIEZUN, V.A.; SHAVLAK, L.I.; SAMANCHUK, I.M.; KOKHANOV, Ye.M.; Prinimali uchastiye: KERIMOV, V.M.; LEV, Kh.A.; GULUBEV, A.F.

Combined hydrogen sulfide-radon baths in treating chron'c  
dermatoses at the Sochi-Matsesta Health Resort. Vest. derm.  
i ven. 38 no.9:47-51 S '64. (MIRA 18:4)

1. Sochinskiy institut kurortologii i fizioterapii (dir. N.Ye. Romanov) i dermatologicheskiy sanatori "Raduga" (glavnnyy vrach G.K.Gonsales).

LEW, L.; HANNAH, J.

Statistival control in the food ind stry. p. 506

PRIEMYSL POTRAVINY. (Ministerstvo potravinarskeho prumyslu)  
Praha, Czechoslovakia Vol. 10, no. 10, Oct. 1959

Monthly List of East European accession, (EEMI), LC, Vol. , No. 12, Dec. 1959  
Uncl.

GUSHANSKAYA, P.G.; SYCHEVA, L.F.; DORRIN, I.Ye.; LEV, L.I.

Using partition chromatography for the separation of low molecular weight acids obtained in the oxidation of soft paraffins. Khim.i tekhn.topl.i masel 6 no.8:31-36 Ag '61.  
(MIRA 14:8)

1. Neftemaslozavod im. Shaumyana.  
(Acids, Organic)  
(Chromatographic analysis)  
(Paraffins)

LEV, L.S., inzh.

Modernizing the beveling machine. Mash.Bel. no.5:180-105  
'58. (MIRA 12:11)  
(Machine tools)

KUDREVICH, V.K., inzh.; LEV, L.S., inzh.

High-speed horizontal forging machine. Mash.Bel. no.6:163-167  
'59. (Forging machinery) (MIRA 13:6)

LEV, Ladislav, inz.

Some observations on digital computers. El tech obzor 51 no.7:  
358-359 J1 '62.

1. Ceske vysoka učení technické.

GOLDOBENKOV, D.; LEV, M.; ALEKSEYENKO, V., doktor tekhn.nauk

"Organization of the basic production processes in light industry  
enterprises" L.B.Bass. Reviewed by D.Goldobenkov, M.Lev, V.Alekseenko.  
(MIRA 15:8)  
Kozh.-obuv.prom. 4 no.8:45-46 Ag '62.  
(Industrial management)  
(Bass, L.B.)

LEV M.

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

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

1. Aktsionernoje obshchestvo "Sandos", Basel', Shveytsariya (for Gofman, Frey, Ott, Rutshmann). 2. Farmatsevticheskaya fabrika "O.Rikhter", Budapest, Vengriya (for Kishfaludi, Korenski, Dual'ski). 3. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva (for Kochetkov, Derevitskaya, Shemyakin, Khokhlov). 4. Laboratoriya khimii belka Moakovskogo gosudarstvennogo universiteta (for Prokof'yev, Shabarova, Filippova, Gavrilov, Akimova, Khludova). 5. Fond meditsinskikh issledovaniy, Pasadena, Kaliforniya, Sev.Soyed.Shtaty Ameriki (for Shankman, Khayga, Liv, Roberts). 6. Laboratoriya khimii belka Instituta organicheskoy  
(Continued on next card)

Gofman, A.,—(Continued) Card 2.

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

LEV, M.A., inzh.; MURATOV, I.V., inzh.

Prestressed-reinforced PBK-type lining constructions for the  
support of level mine workings. Krepl. gor. vyr. ugol'. shakht  
no. 1:159-163 '57.  
(MIRA 11:7)

1. TSentrogiproshakhtstroy.  
(Mine timbering)  
(Reinforced concrete construction)

~~LEO M.A.~~

~~LEV. M.A. insh.~~

Reinforced concrete bunton for the reinforcement of mine shafts.  
Shakht.stroi. no.10:16-20 0 '57. (MIRA 10:12)

1. Tsentrogiproshakhtstroy.  
(Mine timbering) (Shaft sinking) (Reinforced concrete construction)

LEV, M.A., inzh.

Design and use of sectional reinforced concrete lining. Shakht,  
stroi. no. 6:20-21 '58.  
(Mine timbering) (Reinforced concrete construction)

SLAVIN, R.M., kand.tekhn.nauk; LEV, M.A., inzh.

Protection for the electric motors of incubators. Ptitsevodstvo 9 no.10:22-27 O '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (for Lev).  
(Incubators) (Electric relays)

DYKHOVICHNYY, Abram Ionovich, prof.; DYKHOVICHNYY, Yuriy Abramovich, inzh.; PEREL'SHTEYN, N.L., retsenzent; LEV, M.A., inzh., retsenzent; CHECHKOV, L.V., red. izd-va; SABITOV, A., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Reinforced-concrete structures and their use in mine construction] Zhelezobetonnye konstruktsii i ikh primenenie v shakhtnom stroitel'stve. Izd.2. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 791 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Perel'shteyn).  
(Reinforced concrete construction) (Mining engineering)

LEV, M.A., inzh.; SHAPITO, Yu.Z.

Using gunite for lining mine workings. Shakht.stroi. 6 no.2:  
4-8 F '62. (MIRA 15:2)

1. TSNIIpodzemshakhtstroy.  
(Mine timbering)(Gunite)

SHOR, D.I.; BARANOV, V.V.; GORYUSHKIN, V.N.; LEV, M.A.

basic parameters for sectional reinforced-concrete linings in  
the horizontal underground mining by the shield method. Trudy  
TSNII Podzemshakhtstroia no.3:144-158 '64. (MIRA 18:9)

KORZHENKO, M.S.; LEV, M.B. (Kiev)

Organization of the production of ionized milk. Ped. akush. 1  
gin. 22 no. 1:34-35 '60. (MIRA 13:8)  
(MILK) (ION EXCHANGE)

ACCESSION NR: AP4029210

8/0226/64/000/002/0089/0098

AUTHOR: Lev, M. B. (Moscow); Pavlovskaya, Ye. I. (Moscow); Shibryayev, B. F. (Moscow); Barkan, B. I.. (Moscow)

TITLE: Obtaining spherical iron powder by the method of atomizing fused metal

SOURCE: Poroshkovaya metallurgiya, no. 2, 1964, 89-98

TOPIC TAGS: spherical powder, spherical iron powder, Armco iron, 10 steel, 30 steel, 45 steel

ABSTRACT: The authors describe the effect of various factors (design of the burner, carbon content in the atomized metal, preliminary annealing, air pressure, distance from burner to water level in the powder gathering chambers, etc.) on the yield of Armco iron and Nos. 10, 30 and 45 steels are given in tables, which include the granulometric composition and pressability. The design and description of a device for atomizing fused metal by water is shown. The first results of its operation are given. The authors find it difficult to say which variant of atomizing will be preferable. It is entirely possible that both methods will be used depending upon specific conditions. Orig. art. has: 8 figures and 7 tables.

Card 1/2

ACCESSION NR: AP4029210

ASSOCIATION: none

SUBMITTED: 14Feb63

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: ML

NO REF Sov: 005

OTHER: 000

Card 2/2

REF ID: A65004442  
LIP(C) KIN/JD/AN

ACCESSION NR: A65004442

AUTHOR: Lev, M. B., Pavlovskaya, Ye. I.

TITLE: Use of porous cermet partitions for localizing a flame

SOURCE: Poroshkovaya metallurgiya, no. 1, 1965, 74-78

CONT TAGS: powder metallurgy, porous cermet, sintered iron, sintered bronze,  
stainless steel, flame partition, steel 1Kh18N9T

The paper describes the use of porous cermet materials made of stainless steel and 1Kh18N9T steel widely employed in the petrochemical industry. The partition is characterized by the maximum porosity and the minimum thickness. The use of this pressure for various partitions were made by means of a special bomb-type device, the diagram of which is shown in the figure. Oxygen, oxygen-methane and air-hydrogen mixtures were used as the reactive gases. The effectiveness of the flame partitions was found to depend on the size of the pore diameter: the smaller the latter, the better the effect. The thickness of the

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ACCESSION NR: AP5004442

permited partitions did not affect the LSP within the investigated limits (5 to 20 mm).  
Copper bronze was found to be much more effective for flame confining purposes than  
porous iron or stainless steel. Orig. art. has: 1 figure and 6 tables.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut neftyanogo  
i gaza strojeniya (State scientific research and planning institute for petroleum  
and gas construction)

DATE: 17 Dec 63

TYPE:

NAME:

REF ID: 006

OTHER: none

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3

ABUSHKEVICH, P.V.; BELYAYEVA, N.S.; KULIKOV, I.A.; LEV, M.I.; MAZURIN, N.D.  
Natural tularemia foci in Khabarovsk Territory. Zhur. mikrobiol.  
epid. i immun. 40 no.5:48-51 My '63. (MIRA 17:6)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

ABUSHKEVICH, P.V.; VAIISBRUD, V.I.; KULIKOV, I.A.; LEV, M.I.;  
MAZURIN, N.D.; ROZINA-ITSKINA, TS.S.; TIKHONOV, G.I.

Epidemic and etiological nature of the virus influenza epidemic  
in Khabarovsk in January-March 1959. Vop. virus. 5 no. 6:750  
(MIRA 14:4)  
N-D '60.  
(KHABAROVSK--INFLUENZA)

LEV, M.S.

TOPOLYANSKAYA, S.I.; LEV, M.S.; LURINA, Ye.I.; BERENSHTEYN, A.A.;  
GERASIMOV, M.A..

Data on immunization against influenza with Zhdanov's living vaccine.  
Zhur.mikrobiol.epid. i immun. no.9:16-20 S '54. (MLRA 7:12)

1. Is zdravotdela Pervomaykogo rayona Moskvy (zav. zasluzhennyj vrach REFSER D.A.Parfenenko) i sanitarno-epidemiologicheskoy stantsii Per-vomayskogo rayona (glavnnyj vrach O.V.Chishova).  
(INFLUENZA, prevention and control,  
Russia, mass vacc. with living vaccine)  
(VACCINES AND VACCINATION,  
influenza, mass vacc. with living vaccine)

TOPOLYANSKAYA, S.I.; PUKHNAREVICH, A.F.; BELOVA, N.D.; GRINBERG, TS.B.;  
LEV, M.S.; LEBEDEVA, V.G.; ROGINSKAYA, N.S.

Effectiveness of pertussis vaccinations. Zhur. mikrobiol., epid.  
i immun. 40 no.9:18-22 S'63. (MIRA)

1. Iz Sanitarno-epidemiologicheskoy stantsii Kalinskogo rayona  
Moskvy.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3

LEV, M. V.

Our Experience in Shop Material Economy. Leka Promishlenost (Light Industry), #12:33; Dec. 195;

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

LEV, M.V.

From the practice in the efficient use of fabrics. Leg.prom.  
15 no.6:6-9 Je '55. (MIRA 8:8)

1. Glavnyy inzhener fabriki imeni Kapranova.  
(Shoe industry)

LEV, M.V., inshener; LYUBICH, M.G., kandidat tekhnicheskikh nauk.

Welt footwear with stretch sooling. Leg. prot. 17 no. 5:17-21  
My '57. (MLRA 10:6)  
(Shoe industry)

LEV, M.V.

LEV, M.V., inzhener; LYUBICH, I.I., kandidat tekhnicheskikh nauk;  
LYUBICH, P.O., kandidat tekhnicheskikh nauk; SHUBALOVA, L.S., zhener.

Making stiff-tip rods without use of matrices. Leg.prom. 17  
no. 2141-43 J1 '51

(Sister Industry) (Pinetics) (MLKA 1:1)

LEV, M.V.; GINSBURG, V.N.

It is necessary to plan for the mechanization of labor.  
Kosh.-obuv.prom. no.9:9-13 S '59. (MIRA 13:2)

1. Glavnyy inzhener Moskovskoy obuvnoy fabriki imeni  
Kapranova (for Lev). 2. Starshiy inzhener po organizatsii  
proizvodstva Moskovskoy obuvnoy fabriki imeni Kapranova (for  
Ginsburg).  
(Moscow--Shoe manufacture)

1961, M.V.

Shift specialization at the "Parizhskaya Komuna" Shoe Factory.  
Kozh.-obuv.prom. 3 no.11:34-35 N '61. (MIRA 15:1)  
(Shoe manufacture) (Assembly-line methods)

LYUBICH, Mikhail Galileyevich, kand. tekhn. nauk; LEV, M.V.,  
retsenzent; ZUBANOVA, L.P., spets. red.; CHUGREYEVA, V.N.,  
red.; TRISHINA, L.A., tekhn. red.

[Hygienic characteristics of footwear and ways of their  
improvement] Gigienicheskie svoistva obuvi i puti ikh uluch-  
sheniiia; iz tsikla lektsii dlja zaochnykh kursov po novoi  
tekhnike i progressivnoi tekhnologii obuvnogo proizvodstva.  
Moskva, Rostekhizdat, 1962. 69 p. (MIRA 15:12)  
(Shoe manufacture)

LEV, M.V.

Technological and organizational bases for the improvement of  
footwear quality. Kozh.-obuv. prom. 6 no.7:4-7 Jl '64.  
(MIRA 17:8)

LEV, M.V.

Reviews and bibliography. Kozh.-obuv. prom. 7 no.6:37-38  
Je '65.  
(MIRA 18:8)

ZHULIN, A.P.; LEVENKO, P.I., LEV, M.V.; ZINTKIN, M.V.; ABRAMYAN, L.G.;  
AVKSENT'YEV, I.M.

Reviews and bibliography. Kozh.-obuv. prom. 7 no.8:30-36 Ag '65.  
(MIRA 18:9)

BERNSHTEYN, M. Kh.; YABKO, Ya.M.; ZAYONCHKOVSKIY, A.D.; VISHNEVSKAYA, M.D.;  
LEV, M.V.; SIRIS, A.L.; KOCHETKOVA, I.V.; VASIL'YEVA, M. Ye.

Toe-puffs made from thermosetting and thermoplastic polymers.  
Kozh.-obuv. prom. 7 no. 10:18-22 0 '65 (MIRA 19:1)

LEV, M.Yu.; GOL'DIS, L.S.

Problem of the transmission of infectious hepatitis (Botkin's disease) in blood transfusion. Probl.gemat. i perel.krovi 2 no.3:  
46-50 My-Je '57.  
(MLRA 10:8)

1. Iz Kurskoy oblastnoy stantsii perelivaniya krovi (dir. L.S.  
Gol'dis)

(JAUNDICE, HOMOLOGOUS SERUM, case reports (Rus))

AUTHOR: Lev, N.

SOV/26-58-1-24/36

TITLE: New Findings in the Aman-Kutan Cave (Novyye nakhodki v peshchere Aman-Kutan)

PERIODICAL: Priroda, 1958, Nr 1, pp 112-113 (USSR)

ABSTRACT: The archeological expeditions of the Uzbek State University discovered many caves, among them the Aman-Kutan Cave at 1,200 - 1,800 m above sea level, where many excavations were made between 1953 and 1955. The animal bones and other relics found under travertine layers point to the fact that early men had lived in this cave. Judging from the stone relics, the period this cave was used by man must be dated back to the Mousterian. Among the recovered items, arms made of quartz with attachments for wooden handles at the edges, are of special interest. The animal relics can be dated back to the Quaternary fauna. The discoveries show that there was a stable climate in the southern mountain-regions of Uzbekistan.

Card 1/2

New Findings in the Aman-Kutan Cave

SOV/26-58-1-24/36

There are 2 photos and 6 references, 5 of which are Soviet  
and 1 French.

ASSOCIATION: Uzbekskiy gosudarstvennyy universitet im. Alishera Navoy  
(Uzbek State University imeni Alisher Navoy)

Card 2/2

LHV, N.M.

Circuit for automatically controlled signaling at railway crossings,  
with the use of pedals. Avtom., telem. i sviaz' 2 no.3:17-18 Mr '58.  
(MIRA 13:1)

1. Starshiy inzhener Dorproyekta Yugo-Zapadnoy dorogi.  
(Railroads--Crossings)

SVIRIDENKO, R.N., inzh.; LEV, N.S., inzhener-ekonomist

I.I.Pudnik's brigade sets the example for work. Transp. stroi.  
13 no.6:44-45 Je '63. (MIRA 16:9)

1. Mostostroy No.5 (for Sviridenko). 2. Mostostroy No.410 (for  
Lev).  
(Concrete construction--Formwork)

KUNNOS, G.Ya., kand.tekhn.nauk; LINDENBERG, B.Ya.; LEV, N.Ya.

Fly ash concrete and its use in the Latvian S.S.R. Bet. i zhelezo-bet. no.2:73-77 F '61.  
(MIRA 14:2)  
(Latvia--Lightweight concrete)

LIV. Naum Yakovlevich; POLUBNIVA, V. I., inzh., red.

[Wall blocks made of coarse-pored concrete] Stenovye bloki  
iz krupnoporistogo betona; opyt stroitel'stva krupno-  
blochnykh domov v Latviiiskoi SSR. Moskva, Gos.izd-vo  
lit-ry po stroit., arkhit. i stroit.materialam, 1961. 27 p.  
(MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut orga-  
nizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stva.  
Byuro tekhnicheskoy informatsii. 2. Nachal'nik tekhnicheskogo  
otdela Ministerstva stroitel'stva Latviyskoy SSR (for Lev).  
(Latvia—Concrete walls)

LEV, Naum Yakovlevich; DYMZA, Ya., red.; BLANKFEL'D, G. [Blankfelds, G.],  
red.; AYZUPIETE, M. [Aizupiete, M.], tekhn. red.

[Large-panel and large-block construction] Krupnopenal'noe i  
krupnoblochnoe stroitel'stvo. Riga, Latviiskoe gos. izd-vo  
1962. 243 p. (MIRA 15:11)

(Construction industry)

LEV, O.M.

Lower Jurassic ostracods in the Nordvik and Lena-Olenek regions.  
Sbor.st.po paleont.i biostrat. no.12:23-49 '58.  
(MIRA 13:4)

(Nordvik region--Ostracoda, Fossil)  
(Lena Valley--Ostracoda, Fossil)  
(Olenek Valley--Ostracoda, Fossil)

Iev, O.M.

Microfauna of Lower and Middle Jurassic sediments in the Lena-Olenek area. Sbor.st. po paleont. i biostrat. no.26:35-71 '61.  
(MIRA 15:8)  
(Lena Valley--Micropaleontology, Stratigraphic)  
(Olenek Valley--Micropaleontology, Stratigraphic)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3

LEV, P. D.

(tsistit) Infalmmation of the bladder, cystitis. Moskva, 1949. 13 p.

DAJW

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

LEV, P.D;MOCHALOVA, T.P.

Nephrectomy in a case of tuberculosis in the presence of amyloidosis of internal organs. Probl. tuberk., Moskva no.4:64-66  
(CIML 20:1)  
July-Aug. 1950.

1. Of Moscow Oblast Scientific-Research Tuberculosis Institute  
(Director -- Prof. F. V. Shebanov).

LEV, R. A.

BOKUNYAYEVA, A.I.; LAYCHTER, B.G.; LEV, R.A.; NEYMAN, V.N.

Degeneration due to aging in the region of the macula lutea. Vest.  
oft. 70 no.2:36-39 Mr-Apr '57. (MIRA 10:6)

1. Glaznoye otdeleniye TSentral'noy polikliniki Ministerstva  
zdravookhraneniya SSSR (nauchnyy rukovoditel' prof. Z.S.Kaminskaya)  
(RETINA, physiol.  
degen. due to aging in region of macula lutea (Rus))  
(AGING, eff.  
same)

GOSMER, K.P., sanitarnyy vrach; LEV, R.M., sanitarnyy vrach; KOZLOVA, E.A.,  
sanitarnyy vrach.

Experience in the organization of preventive industrial sani-  
tary supervision in the city of Vladimir and its effectiveness.  
(MIRA 17:2)  
Gig. sanit. 28 no.2:63-67 '63

1. Iz gorodskoy sanitarno-epidemiologicheskoy stantsii goroda  
Vladimira.

ZHIGAILINA, T. A.; LAV, R. S.; MIRSKY, A. I.

Volumetric method for determining the microgram quantities  
of chromium. Trudy Aktr. tekhn. ryb. prom. i khoz. prib.:  
(MIR4 IV:8)  
123-129 '62.

21687  
z/005/60/000/004/004/016  
A121/A126

9.7/40

AUTHORS: Lev, Štěpán, Starý, František, Vokoun, Karel, Hadraba, Jiří,  
Doctor Engineer, and Hradecký, Jiří, Engineer (Prague)

TITLE: None given

PERIODICAL: Vynálezy, no. 4, 1960, 6 - 7

TEXT: (21c, 46/54; Registered July 4, 1959; Patent Application 3935-59)  
Memory equipment for the program control of electric circuits, consisting of several concentric series of stable contacts (lamellas) arranged on an annular surface, on which the movable contacts are sliding in a circle; the number of these contacts corresponds to that of the stable contacts. It is characterized as follows: The stable contacts consist of sheet metal contact material (silver, copper or other contact alloys), cemented to the basic annular ring plate made of laminated glass. After cementing, radial grooves are milled and peripheral grooves turned into the plate. The movable contacts, supported by a common frame, consist of a cylindrical toggle made of carbon, bronze or another contact material, which toggle freely in their guide pressed by means of a spring against the stable contacts. The transmission of the current supply to the contacts takes place by a cap, consisting of a ferromagnetic case, an insulating ring and a metallic contact ring; the cap is

Card 1/2

24687

Z/005/60/000/004/004/016  
A121/A126

None given

movably supported by the guide pin, which is connected by means of a spring to the movable contact and embedded in an insulating case. A flat contact spring rests against the cap, the spring is connected with a current supply. Follow 3 points of patent definition.

Card 2/2

S/194/62/000/006/062/232  
D295/D308

AUTHORS:

Lev, Štěpán, Starý, František, Vokoun, Karel,  
Hadraba, Jiří, and Hradecký, Jiří

TITLE:

Memory unit for the programmed switching of electric  
circuits

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 6, 1962, abstract 6-2-162 n (Czech. Patent, cl.  
21c, 46/54, no. 97376, 15.11.1960)

TEXT: An electromechanical memory unit for the programmed switching  
of electric circuits is patented. An electromagnetic selector  
accomplishes successive switching of finger contacts according to  
a program set up in the circular panel. The construction of the  
program mechanism provides for the use of several selectors (one  
for each concentric series of switches) which secures a compara-  
tively high operation speed. [Abstracter's note: Complete transla-  
tion.] ✓

Card 1/1

IYEVLEV, G.I., inzh.; FAIALEYEV, P.P., inzh.; LEV, S.I., inzh.

Review of I.P. Kuptsov and R.R. Ioffe's book "Construction and  
design of thermal electric power plants." Liek. sta. 36 no. 1:91  
Ja '65. (MTRA 18:3)

S/169/62/000/005/021/093  
D228/D307

AUTHOR: Lev, S. I.

TITLE: Means of approximately estimating the depth of a refracting horizon from a transverse hodograph

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 27, abstract 5A211 (V sb. Razved. i promysl. geofiz., no. 41, M., 1961, 38-42)

TEXT: For a horizontal boundary the magnitude of  $t_0$ , characterizing its depth, and the boundary velocity are determined from several pairs of points on the observed hodograph by means of elementary formulas. When the main boundary (like the roof of the crystalline basement) and the refracting horizon in the covering medium have a conformable and inclined mode of occurrence, it is possible to find the depths of both boundaries and the limiting velocity along the upper boundary if the limiting speed along the lower boundary is known. For this a differential transverse hodograph is processed by the same method of selected points. An example of Card 1/2

LEV, V.K.

10(2)

PHASE I BOOK EXPLOITATION SOV/1308

Kirillov, Ivan Ivanovich, Rakhmiyel' Mordukhovich Yablonik, Lev  
Vasil'yevich Kartsev, Ivan Grigor'yevich Gogolev, Ryurik  
Vladimirovich Kuz'michev, Gennadiy Ivanovich Khutskiy,  
Rostislav Ivanovich D'yakonov, Viktor Dmitriyevich Pshenichnyy,  
and Aleksandr Aleksandrovich Tereshkov

Aerodinamika prototchnoy chasti parovykh i gazovykh turbin (Aerodynamics  
of Steam and Gas Turbine Flow-Passage Areas) Moscow, Mashgiz, 1958.  
246 p. 4,500 copies printed.

Ed.: Kirillov, I.I., Professor, Bryansk Institut of Transport Machine  
Building; Reviewer: Shubenko, L.A., Corresponding Member, USSR  
Academy of Sciences; Tech. Ed.: Gerasimova, D.S.; Managing Ed.  
for Literature on General Technical and Transport Machine Building  
(Mashgiz): Ponomareva, K.A., Engineer.

PURPOSE: This book was written for engineers working on the design,  
Card 1/6

Aerodynamics of Steam and Gas Turbine Flow-Passage Areas SOV/1308  
manufacture and operation of steam and gas turbines. It may also  
be useful to students of special courses.

**COVERAGE:** The authors analyze physical phenomena connected with flow through the stages of impulse steam and gas turbines. They give the results of experimental investigation of stages with full and partial supply of the working medium. The basic results obtained are for high - and medium-powered turbines. Results of the investigation of a new low-powered turbine are also given. Practical recommendations for the design of the flow passage area of steam and gas turbines are given, based on the investigation of effect of various design measures on the efficiency coefficient of stages. The investigation was made in the BITM (Bryansk Institute of Transport Machinery Building). The following sections were written by members of the Chair of Turbine Construction of the BITM: Professor I.I. Kirillov, Docent, Candidate of Technical Sciences, paragraphs 1, 2, 13, 16; Docent

Card 2/6

Aerodynamics of Steam and Gas Turbine Flow-Passage Areas SOV/1308

R.M. Yablonik, Candidate of Technical Sciences, paragraph 9; I.I. Kirillov and R.M. Yablonik, paragraphs 3,4, 5; L.V. Kartsev, Candidate of Technical Sciences, paragraphs 6,7, 19; L.V. Gogolev, Candidate of Technical Sciences, paragraphs 10, 11; R.V. Kuz'michev, Candidate of Technical Sciences, paragraph 8; G.I. Khutskiy, Candidate of Technical Science, paragraphs 12, 14, 15; R.I. D'yakonov, paragraph 17; V.D. Pshenichnyy, Engineer of the Kirov Plant, paragraph 18; A.A. Tereshkov, Engineer of BITM, paragraph 20. The Leningrad Metal Plant, Khar'kov Turbine Plant, Kabush Turbine Plant and Leningrad-Kirov Plant contributed to the development of experimental works ... turbines for BITM. The bibliography consists of 23 references, 22 of which are Soviet, and 1 is German.

TABLE OF CONTENTS:

Preface

Card 3/6

3

## Aerodynamics of Steam and Gas Turbine Flow-Passage Areas SOV/1308

## Principal Symbols 5

## Ch. I. Experimental Stands and Testing Methods 9

- |  |    |
|--|----|
| 1. Problems of experimental testing of the flow-passage area<br>of a turbine | 9  |
| 2. New air breathing experimental turbines                                   | 9  |
| 3. Method of investigating rotating models of turbine stages                 | 12 |
|  | 21 |

## Ch. II. Stages With a Full Supply of the Working Medium

- |   |    |
|---|----|
| 4. The degree of reaction and the escape of steam in stages<br>of an impulse type     | 39 |
| 5. Effect of special design features of impulse turbine                               | 39 |
| 6. Structure of the flow in open axial clearances in a<br>stage of an impulse turbine | 56 |
| 7. Structure of the flow with steam induction at the root<br>of an impulse stage      | 84 |
|   | 97 |

Card 4/6

**Aerodynamics of Steam and Gas Turbine Flow-Passage Areas SOV/1308**

8. Investigation of the three-dimensional flow of gas in a turbine stage with blades profiled according to the law expressed by $C_u r^{\gamma/2} \cos^2\alpha = \text{const.}$	101
9. Work of turbine stages in the region of saturated steam and problems of investigation.	119
 Ch. III. Stage With Partial Admission of the Working Medium	
10. Experimental investigation of physical processes in the flow behind the partial nozzle apparatus	131
11. Some results of tests of partial stage models	143
12. Choice of optimum combination of active nozzle curves in groups of partial stages	159
 Ch. IV. Exhaust Losses	
13. Reducing exhaust losses in pressure and gas turbines	165
14. Effect of the nonuniformity of the inlet profile of velocity on the work of the turbine stage	173
15. Use of exhaust kinetic energy in the intermediate stages of a multistage turbine	181

Card 5/6

Aerodynamics of Steam and Gas Turbine Flow-Passage Areas SOV/1308

Ch. V. Low-power Turbines		
16. Radial centripetal turbine with internal partial supply of steam		194
17. Experimental investigation of a centripetal turbine with internal partial steam supply		194
		203
Ch. VI. Laboratory Equipment		
18. Experimental pressure turbines		223
19. Experience working with an aerodynamic angle-gage		223
20. Experience manufacturing silicon-aluminum blades		238
		240
Bibliography		246

AVAILABLE: Library of Congress

IS/ksv  
3-17-59

Card 6/6

LEV, V.S.

S/122/61/000/012/001/008  
D221/D303

AUTHORS: Bulovskiy, N.N., Candidate of Technical Sciences,  
Docent, Lev, V.S., and Kogan, G.M., Engineers

TITLE: New transducer designs for measuring pressure in an  
oil layer of a fluid friction bearing

PERIODICAL: Vestnik mashinostroyeniya, no. 12, 1961, 22 - 26

TEXT: The authors describe new pressure transducers used during investigation of heavy loaded bearings, where the oil film was only 2 - 3  $\mu$  thick. The following prerequisites were found indispensable to ensure the accuracy of readings: The assembly of the transducer should not interfere with the friction surface, or reduce the rigidity of the shaft, it must also be simple and easy to replace. The measuring area must be small, but the sensitivity high. It must have linear characteristics (together with its amplifier and oscilloscope). The calibration of the system should approach actual working conditions, and hold it during the process of measurement. Application of electric erosion permits the forma-

Card 1/4

New transducer designs for ...

S/122/61/000/12/001/008  
D221/D303

tion of diaphragms with the required thickness on the surface of the heat treated shaft, and with a diameter of 5 - 8 mm. The piezoelectric transducer uses a spring loaded ceramic element of metanilobate of barium or lead, whereas the strain gauge employs a threaded probe made of 60 CrA (60 SGA) steel. The first transducer has a greater sensitivity and stiffness, but is somewhat more involved. The diaphragm is supported by the transducer and thus decreases errors of readings, because the deformation depends upon the rigidity of the transducer, diaphragm and the joints. The small size of contact area allows 0.08 - 0.16 of the distributed load to be considered as a concentrated force acting on the diaphragm. The results of experimental measurements of deformation of the center in the latter are plotted. In the case of 8 mm diameter diaphragm, 1.5 mm thick and supported by the transducer, this deflection was below 1 - 2  $\mu$  with a distributed load of 500 kg/cm<sup>2</sup>. There is, however, a shift in the surface layers of the shaft due to the distributed pressure of oil film in the bearing. In practice they are compensated by the displacement of the diaphragm center. The thin diaphragms are not expedient. The great sensitivity of piezo mate-

Card 2/4

New transducer designs for ...

S/122/61/000/012/001/008  
D221/D303

rials balances the losses due to thick diaphragms. The available data recommend a thickness of 0.8 - 1.5 mm for diameters of 5 - 8 mm. Recently, use has been made of such materials as stannates, titanates and niobates of lead and barium which possess stable characteristics within a wide range of temperature. The piezo effect is determined by the piezo-modulus  $d_{33}$ . Tests were carried out to establish these properties. The experiments proved that the piezoelectric constant of solid solution of metaniobate of barium in metaniobate of lead does not vary between 20 and 120°C, and is 40 times higher than the constant of quartz. The high piezo-effect of this material, its mechanical strength and large modulus of elasticity permit the construction of highly sensitive pressure transducers. The calibration jig consisted of an oil pump, manometer and a clamp, fixed on the shaft opposite to the transducer. As the Curie temperature point of the above piezo material is about 350°C, it is possible to consider a higher operating temperature for testing fluid friction bearings. A description is given of the test stand and oscillograms are quoted indicating the results of investigations. The latter confirmed the adequacy of the proposed arran-

Card 3/4

69357

SOV/123-59-19-78703

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 19, pp 121 - 122  
(USSR)

185100

AUTHOR: Lev, V.S.TITLE: Ways of Increasing the Efficiency of Electric Spark Treatment of Hard  
AlloysPERIODICAL: V sb.: Elektr. i ul'trazvuk. metody obrabotki materialov, Leningrad,  
Lenizdat, 1958, pp 26 - 37

ABSTRACT: The author points out that electric pulse generators applied for electric spark treatment are divided into relaxation and independent ones. When the generators are operating under rough conditions, a net of microfissures is formed on the treated hard alloy. Besides, relaxation generators are uneconomic. The electric spark laboratory of the Lenkarz plant constructed a high-power generator of 10 microsecond pulses, which makes it possible to increase considerably the efficiency in treating hard alloys. The block diagram of the installation is given as well as data on the selection of its parameters. When testing a circuit based on the LKZ-18 electric spark machine a frequency of 1,000 to 1,700 cycles was obtained,

Card 1/2

69357

SOV/123-59-19-78703

Ways of Increasing the Efficiency of Electric Spark Treatment of Hard Alloys

while the output at the 6th class of surface finishing amounted to 1 g/min. Moreover a two-cycle circuit has been developed which makes it possible almost to double the efficiency at the same class of finish. It can be assumed that the application of 3 - 6-phase circuits will increase the efficiency up to 2.5 - 5 g/min of hard alloy. Eight figures.

B.I.A.

Card 2/2

PHASE I BOOK EXPLOITATION SOV/3901

Novoye v elektricheskoy i ul'trazvukovoy obrabotke materialov (New Developments in Electrical and Ultrasonic Machining of Materials) [Leningrad], Lenizdat, 1959. 281 p. 5,000 copies printed.

Ed. (title page): L.Ya. Popilov; Ed. (inside book): S.I. Borshchewskaya; Tech. Ed.: P.S. Smirnov.

PURPOSE: This book is intended for technical personnel and production workers.

COVERAGE: This is a collection of 20 articles presented at the Third All-Union Conference of the Scientific and Technical Society of the Machine Industry on Electrical and Ultrasonic Machining of Metals, held in Leningrad. The articles deal with the latest achievements in the field of electrical and ultrasonic machining of metals. New methods of machining presently being developed are described. References follow several of the articles.

TABLE OF CONTENTS:

Introduction	3
Card 1/4	

## New Developments (Cont.)

SOV/3901

Levinson, Ye.M. Generators for Machining Metals With Electrical Pulses	27
Lev, V.S. Some Circuits of Automatic Controllers for Electric-Spark Machines	60
Livshits, A.L., S.S. Podlazov, A.T. Kravets, and A.I. Aronov. Some Problems in the Technology and Design of Machines for Electroerosion Machining of Metals	67
Rogachev, I.S. Electric-Pulse Generators of Unipolar Pulses for Electroerosion Machining of Metals	109
Machikhin, L.Ya. Electrical-Pulse Machining of Forging-Die Grooves	115
Ryabinok, A.G. Intensity of Metal Removal and Surface Quality in Electrolytic Machining of Carbides	134

Card 2/4

LEVINSON, Yevgeniy Maksimovich; LEV, Vladimir Saulovich;  
POPOLOV, L.Ya., red.; KUREPINA, G.N., red. izd-va;  
POL'SKAYA, R.G., tekhn. red.

[Electric spark machining of metals] Obrabotka metallov  
impul'sami elektricheskogo toka. Pod obshchei red. L.IA.  
Popilova. Moskva, Mashgiz, 1961. 92 p. (Bibliotekha elektro-  
tekhnologa i ul'trazvukovika, no.2) (MIRA 15:5)  
(Electric metal cutting)

L 51476-65 EWP(k)/EWT(d)/EWT(n)/EWP(h)/EWT(b)/EWA(d)/EWP(l)/EWP(v)/EWP(t) Ff-4

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AM5012940

BOOK EXPLOITATION

S/

27

2.

b+1

Levinson, Ye. M.; Lev, V. S.

Electrospark-machining equipment (Elektroerodionnoye oborudovaniye) Moscow-Lenin-grad, Izd-vo "Mashinstroyeniye", 1965. 295 p. illus., biblio. 4000 copies printed. Reviewer: Docent I. G. Kosmachev; Editors of the publishing house: Engineer L. I. Vozhik, G. N. Kurepina; Technical editor: O. V. Speranskaya; Proofreader: N. S. Dvoretskaya

TOPIC TAGS: electrospark machining, electrospark machine tools

PURPOSE AND COVERAGE: This book was intended for engineering and technical personnel and for designers and technologists at machine-building enterprises. The construction of electrospark machine tools for different types of machining (punching holes and recesses, grinding, profile cutting) and also their basic mechanical and electrical units are analyzed. The processes of electrospark machining are clarified, including the generation of current pulses. Handbook data are presented concerning industrial machines of this type. The fundamental designers of this type of equipment are mentioned as B. R. Lazarenko and N. I.

Card 1/3

L 51476-65

AM5012940

Lazarenko. The authors thank the collective at the experimental and design section of electrospark machining at the Leningradskiy Karbhydratnyy Zavod im. V. V. Kuybysheva for assistance in the preparation of the book.

## TABLE OF CONTENTS:

Foreword --	3
Introduction --	5
Ch. I. Structural forms of the mechanical part of electrospark machine tools	19
Ch. II. Elements of design of the mechanical part of electrospark machine tools	-
Ch. III. Pulse generators for electrospark machine tools -- 70	43
Ch. IV. Automatic interelectrode-gap regulators -- 115	
Ch. V. Elements of electrical equipment for electrospark machine tools -- 166	
Ch. VI. Auxiliary equipment for electrospark machine tools -- 217	
Ch. VII. Safety technique and protection of the worker -- 239	
Ch. VIII. Industrial electrospark machining equipment -- 249	
Literature --	292

Card 2/3

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SUBMITTED: 3Dec64

NR REF Sov 052

OTHER: 002

Card 3/314

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929510002-3"

LEV, V. T. Cand Agr Sci -- (diss) "Basic cultivation of meadow-and-swamp soils under gambo hemp." Tashkent, 1959. 21 pp (Uzbek Acad Agr Sci. Tashkent Agr Inst), 150 copies (KL, 52-59, 123)

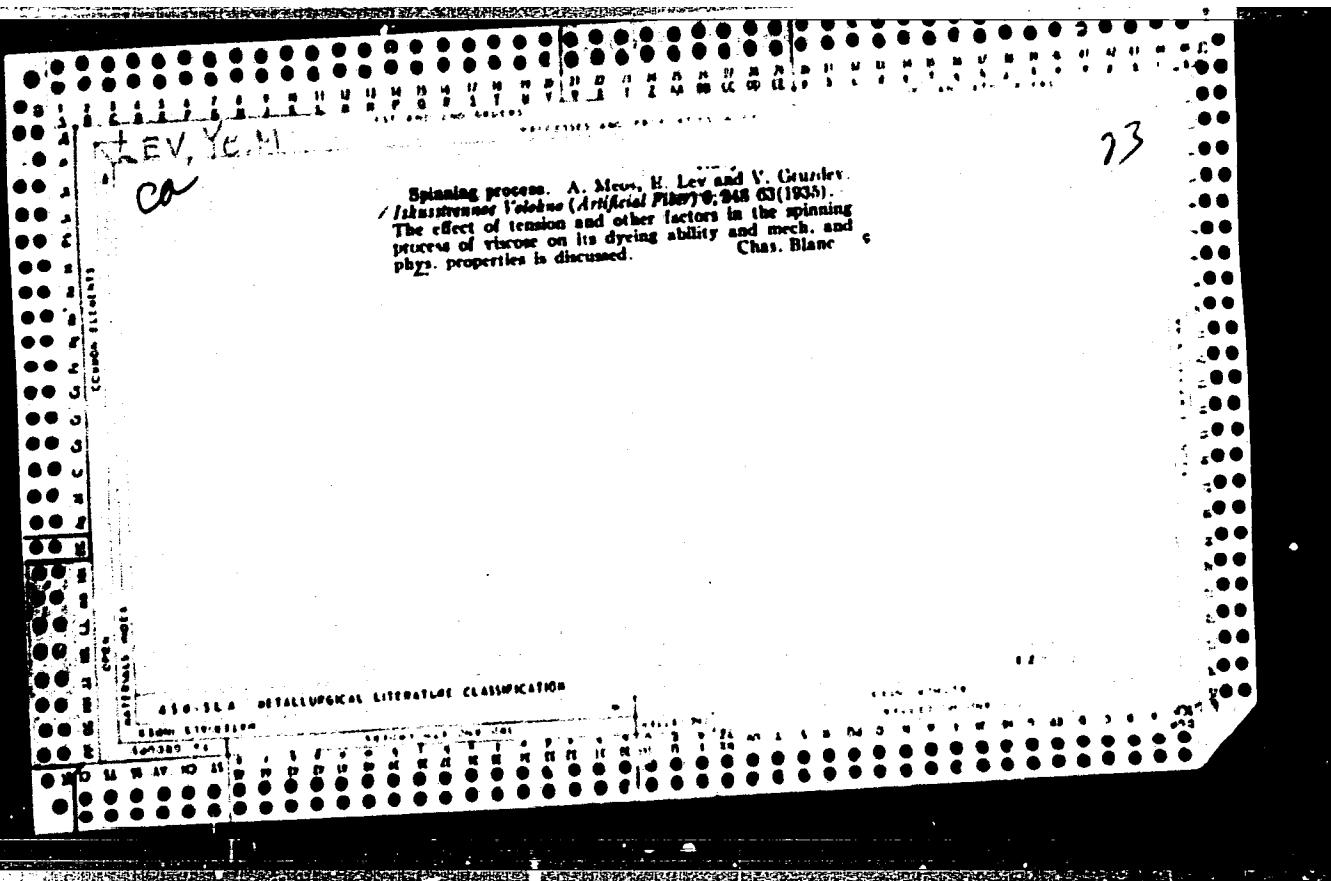
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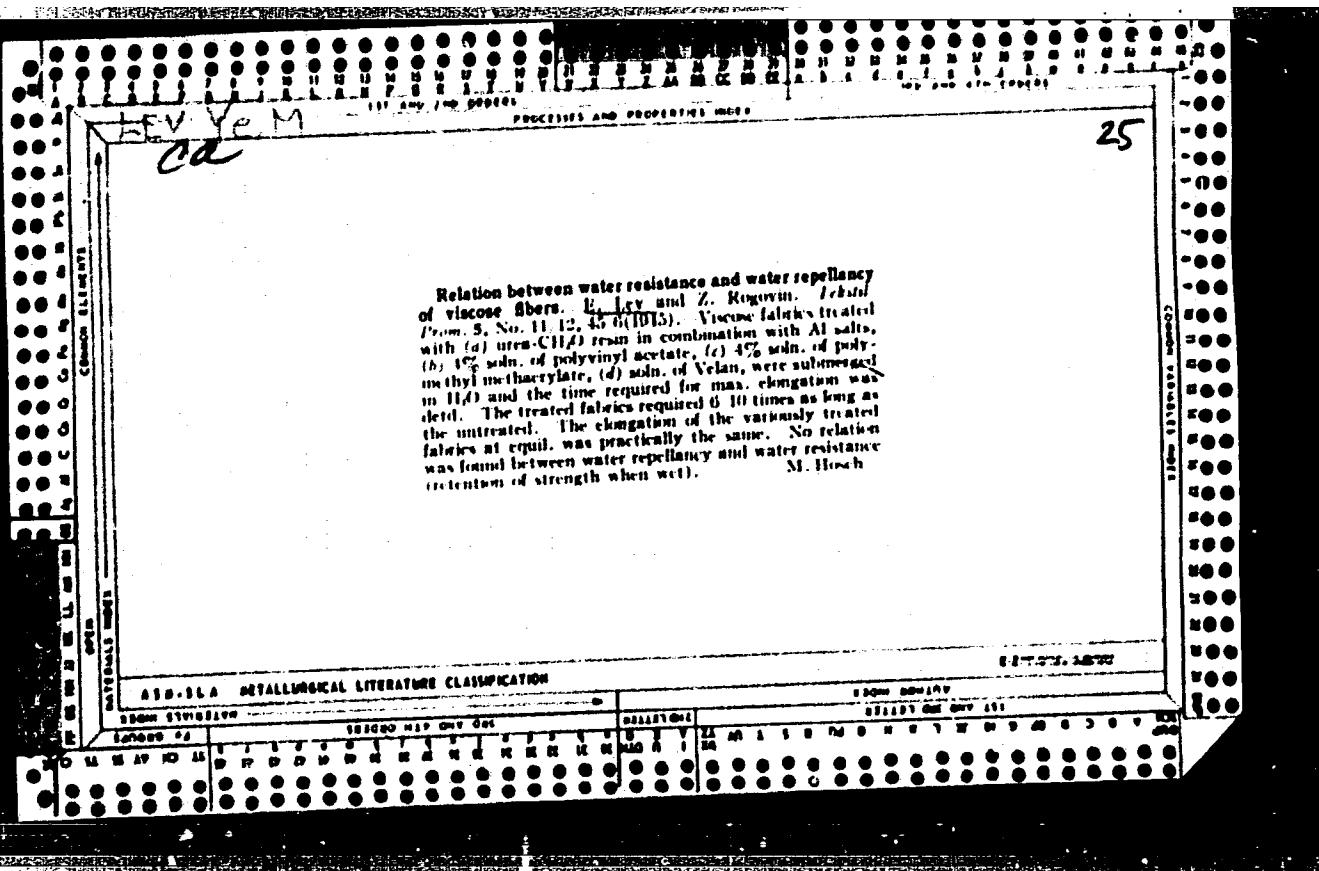
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