A large, handwritten signature in cursive script, reading "Bedin". The signature is written in black ink on a white background. The letter "B" is very large and stylized, with a long vertical stroke on the left and a large loop on the right. The "e" is a simple cursive loop, and "d" has a tall stem with a dot above it. The "i" is a simple cursive loop, and "n" is a simple cursive loop. The signature is centered horizontally and vertically within the main image area.

Reel # 812  
Zubov, I.V.

CHERNOMORDIK, Grigoriy Il'ich; ZUBOV, I.V., inzh., retsenzent;  
FEL'DMAN, E.D., kand. tekhn. nauk, retsenzent; ZABELLO,  
M.L., kand. tekhn.nauk, red.; BOBERTVA, Ye.N., tekhn. red.

[Increase of train speeds] Povyshenie skorostei dvizhenia  
poezdov. Moskva, "Transport," 1964. 200 p.

(MIRA 17:2)

ZUBOV, I.V.

Speed increase and potentials of train sheets. Zhel.dor.trasp. 45  
no.9:12-16 S '63. (MIRA 16:9)

1. Glavnyy inzh. Glavnogo upravleniya dvizheniya Ministerstva putey soobshcheniya.

(Railroads--Management)  
(Railroads--Train speed)

ZUBOV, I.V.

New regulations of train movement and maneuvering. Zhel. dor.  
transp. 46 no.7:58-61 J1 '64. (MIRA 17:8)

1. Glavnyy inzh. Glavnogo upravleniya dvizheniya Ministerstva  
putey soobshcheniya.

PROKOF'YEV, Anatoliy Grigor'yevich; ZUBOV, I.V., inzh., retsenzent;  
PREDE, V.Yu., inzh., red.; KHITROVA, N.A., tekhn. red.

[Uniform network marking of railroad cars] Edinaya setevaya  
razmetka vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edi-  
nenie M-va putei soobshchenia, 1962. 38 p. (MIRA 15:3)  
(Railroads--Making up trains)  
(Railroads--Management)

ZUBOV, I.V.

Uniform marking of cars on the railroads of Czechoslovakia. Zhel.  
dor.transp. 43 no.4:83-85 Ap '61. (MIRA 14:3)

1. Zamestital' glavnogo inzhenera Glavnogo upravleniya dvizheniya  
Ministerstva putey soobshcheniya.  
(Czechoslovakia---Railroads---Cars)

BORISOV, Georgiy Nikolayevich; RUSKIN, Serafim Dmitriyevich;  
ZUBOV, I.V., inzh., retsenzent; TSARENKO, A.P., inzh.,  
red.; USENKO, L.A., tekhn. red.

[Accelerated handling of the flow of local cars;  
experience of the Moscow-Kursk Division of the Moscow  
Railroad] Uskorenyy propusk mestnogo vagonopotoka; opyt  
Moskovsko-Kurskogo otdeleniia Moskovskoi dorogi. Mo-  
skva, Transzheldorizdat, 1963. 29 p. (MIRA 16:5)  
(Railroads--Management)



ZUBOV, I.Y.

Prospects for increasing the weight of freight trains. Zhel.  
dor.transp. 42 no.7:37-39 J1 '60. (MIRA 13:7)

1. Zamestitel' glavnogo inzhenera Glavnogo upravleniya  
dvizheniya Ministerstva putey soobshcheniya.  
(Railroads--Train load)

ZUBOV, I.V., inzh.

Potentialities of train traffic schedules. Zhel.dor.transp. 44, no. 3:  
15-19 Mr '62. (MIRA 15:3)

(Railroads--Traffic)

SPAKU, P. [Spacu, P.]; GEORGIU, K. [Gheorghiu, C.]; ZUBOV, L.

Chemistry of osmium. Rev chimie 6 no.2:323-341 '61.

1. Kafedra neorganicheskoj khimii, Universitet imeni K. I. Parkhona  
[C.I.Parhon], Bukharest

ZUBOV, L.A., inzh.; BEGAN, L.I., inzh.; MIKHAYLENKO, B.Ye., inzh.

Mechanization and automation of steel proportioning in molten-metal pressing. Mashinostroenie no.6:72-73 N-D '65.  
(MIRA 18:12)

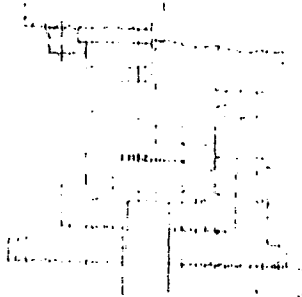
Page 2/5

Card 3/5

L 20080-65

ACCESSION NR. AP4049113

ENCLOSURE: 03



SMIRNOV, D.N., kand. tekhn. nauk; ZUBOV, L.B., inzh.

Solving problems of indirect water hammer in a slightly  
viscous liquid. Trudy Gidrav. lab. VODGEO no.10:180-196  
'63. (MIRA 17:8)



L 10902-66 EWP(k)/EWT(m)/ETI/EWP(t) IJP(c) WN/JD/HW/JQ  
ACC NR: AP6019060 (N) SOURCE CODE: UR/0128/86/000/002/0039/0040

AUTHOR: Zubov, L. A. (Engineer)

44  
B

ORG: none

TITLE: Stamping thin-walled parts from molten steel

SOURCE: Liteynoye proizvodstvo, no. 2, 1966, 39-40

TOPIC TAGS: metal stamping, metal press, molten metal

ABSTRACT: A stamping press used to mold thin-walled caps ( $\phi=110$  mm, wall thickness 6-8 mm, cavity depth 50 mm) from molten steel was modified to permit reduction of the pouring time from 5-6 sec to 1.5-2 sec, to provide better control of the time lag between the end of pouring and the application of pressure, as well as to reduce the pressure required for proper filling and a dense structure from 14.6 to 5.8 kg(f)/mm<sup>2</sup>. The design modifications are described in detail. Spring operated "cold" stops, which reduce the contact between the hot molded part and the ram sleeve, were incorporated and resulted in longer service life of the punch and its sleeve. Orig. art. has: 4 figures.

SUB CODE: 13/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 000

Card 1/1

UDC: 621.73.043:669.14

SMIRNOV, D.N., kand.tekhn.nauk; ZUBOV, L.B., mladshiy nauchnyy sotrudnik

Theory of the hydraulic impact of a slightly viscous liquid.  
Trudy Gidrav.lab.VODGEO no.8:140-154 '62. (MIRA 15:11)  
(Hydrodynamics)

8/183/61/000/006/001/002  
B101/R110

**AUTHORS:** Zelentsov, I. G., Zubov, L. N., Fikhman, V. D.

**TITLE:** Properties of polyvinyl chloride fibers

**PERIODICAL:** Khimicheskiye volokna, no. 6, 1961, 9-10

**TEXT:** A detailed report on the properties of polyvinyl chloride fibers manufactured in western countries is given on the basis of western publication data. In the USSR, a pilot plant will produce such fibers in the near future. There are 1 figure, 2 tables, and 12 non-Soviet references.

**ASSOCIATION:** VNIISV



Card 1/1

L: 27415-66	EWT(d)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(l)	LJP(c)
ACC NR: AP6012321	JD/EW	SOURCE CODE: UR/0301/65/000/006/0072/0073
AUTHORS: Zubov, L. Ya. (Engineer); Began, L. I. (Engineer); Mikhaylenko, B. Ye. (Engineer)		
ORO: none		28 B
TITLE: Mechanization and automation of steel dosing in the liquid stamping process		
SOURCE: Mashinostroyeniye, no. 6, 1965, 72-73		
TOPIC TAGS: metal stamping, metal melting, metallurgic machinery, steel		
ABSTRACT: A set of metal pouring devices (PZU's) was developed at the Krasnatorsk Institute of NIPTmash for accurately dosing out small quantities of steel (1--10 kg) into molds. Three sizes, PZU-1.5 (0.5--1.5 kg), PZU-4 (2--4 kg), and PZU-8 (0--8 kg) were built (see Fig. 1) and used in automated casting operations in which each mold has one of the PZU's mounted on a frame. A hydraulic cylinder empties the PZU into the mold, and a new charge is introduced in solid form (by weight). The crucible of the PZU was found to withstand 60-100 melting cycles, and a special metal mold was designed for forming and baking of new crucibles. The dosing accuracy of the PZU's		
Card 1/2		UDC: 621.96

L. 27415-66

ACC NR: AP6012321

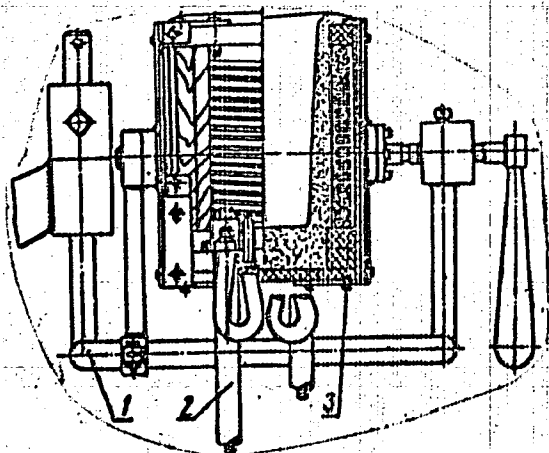


Fig. 1. PZU-6: 1 - pouring  
lever; 2 - cooling water  
lines; 3 - induction  
furnace.

was found to be 0.5--2%. Orig. art. has: 3 figures.

SUB CODE: 13, 11/ SUBM DATE: none

Card 2/2

SPACU, P.; GHEORGHIU, C.; ZUBOV, L.

Chemistry of osmium. Studii cerc chim 9 no.3:493-511 '61.

1. Catedra de chimie anorganica, Universitatea "C. I. Parhon", Bucuresti.
2. Membru al Comitetului de redactie "Studii si cercetari de chimie"  
(for Spacu).

ZELENTSOV, I.G.; ZUBOV, L.N.; FIKHMAN, V.D.

Properties of fibers from poly(vinyl chloride) Khim.volok. no.6:  
9-10 '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut steklyanogo  
volokna.

(Textile fibers, Synthetic) (Ethylene)

ZUBOV, L.P.

Calculating moisture conditions of the soils in the virgin  
lands of the central Kulunda. Pochvovedenie no.1:59-65  
Ja '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidro-  
tekhniki i melioratsii imeni Kostyakova.



ZUBOV, L.P.

Change in total runoff from farm fields in prospect. Meteor. 1  
gidrol. no.3:26-28 Mr '65. (MIRA 18:2)

1. Moskovskiy gidromeliorativnyy institut.

L 05687-67 EWP(k)/EWT(m)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6022186

SOURCE CODE: UE/0418/66/000/002/0031/0038

AUTHOR: Zubov, L. A. (Engineer); Began, L. I. (Engineer)

38  
B

ORG: None

TITLE: Press forging of machine parts by using liquid 1Kh18N9T steel

SOURCE: Tekhnologiya i organizatsiya proizvodstva, no. 2, 1966, 37-38

TOPIC TAGS: machine industry, metal forging, hot forging, molten metal forging, stainless steel / 1Kh18N9T stainless steel

ABSTRACT: An improved device for press forging of liquid stainless steel is described.

This device was designed by the Kramatorsk Institute NIIPtmash and is shown in Fig. 1. The liquid metal is poured into a special chamber (5) located under the die (3) and then squeezed through the diaphragm (4) under the pressure of the header punch (1 and 2) and the compression of the spring (6). Fig. 1 shows the initial position (a) and final position (b). By using this method of molten metal forging, various articles and machine parts of 1 to 10 kg of high mechanical and anti-corrosive properties can be produced. Orig. ar. has: 1 figure.

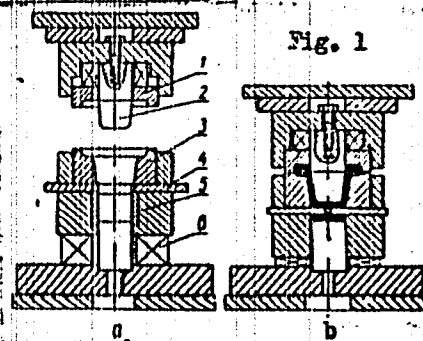


Fig. 1

SUB CODE: 13/ SUBM DATE: None

Card 1/1

UDC: 621.73.034

"A new medicine to fight the diseases of the acorn." Tr. from the Russian, p 411,  
(GORSKO STOPANSTVO, Vol 8, #9, Nov 1952) (Bulgaria)

SO: Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ 1953, Uncl.

PROCESSES AND PROPERTIES IN THE

*ca*

"Sol'bar" as a method for destroying cottonplant insects. A. Vaal'evskii and M. Zubov. *Soviet Khimist* 1939, No. 8, 40-2; *Abstr. RZ/PAI/Zhu*: 1939, No. 12, 40. The production and application of "Sol'bar" (an insectofungicide prepn. from a mech. mixt. of BaS and ground S) are described. In the prepn. of the "Sol'bar" soln. BaS dissolves and S changes into the sol. state (Ba polysulfides). "Sol'bar" is effective against various types of mites under conditions of the central belt of U. S. S. R. In the cotton-belt regions of Central Asia its effectiveness according to Abbo was 75.0% for 1% solns. on the 3rd and 6th day and 45% on the 9th day. The effectiveness of a 0.7% soln. of "Sol'bar" was 0.73% for a period of 3-10 days. "Sol'bar" surpasses S and is equal to BaCl<sub>2</sub> in its toxic properties.

W. R. Hill

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

ASB 5719221A

COMMON ELEMENTS

PERMANENT NOTE

PROCESSES AND PROPERTIES INDEX

15

CA

Solbar instead of Bordeaux mixture. A. Vasil'evskii and M. Zubov. *Sidoroditsa* (U. S. S. R.) 1940, No. 5, 33-4. The percentages of apples affected with scab conidia on control apple trees and on trees treated with 1% Bordeaux liquid, 1% solbar soln. and 1.5% solbar soln. were, resp.: 17.0, 3.0, 1.2 and 0.5%. After the various treatments the percentages of affected leaves, of affected apples, of 1st-grade apples and of rejected apples were, resp.: after 1.5% solbar 10.8, 65.6 and 0.5; after 1.5% solbar + 0.2%  $\text{Ca}_2(\text{AsO}_4)_2$  0.6, 11.7, 75.4 and 5.2; after Bordeaux liquid 8.1, 32.0, 67.1 and 11.4; control apple trees 81.0, 90.5, 14.0 and 24.0. The av. wts. of the fruits were 130, 130, 110 and 47.0 g., resp. W. K. Henn

ASH. 55A METALLURGICAL LITERATURE CLASSIFICATION

148048 #2

1940: 524671

1940: 524671

5A

1

The use of solbar (and anabasine sulfate) against aphids (on cucumbers). M. Zubov and A. Vasilovskii (Zhurnal Prikladnoi Khim. No. 8, 1950). The percentages of destruction of aphids on cucumbers were: resp.: control expts. 2.67-3.81; 0.5% solbar 39.00-41.6; 1.0% solbar 65.26-75.70; 0.5% solbar +0.2% anabasine sulfate 97.25; 0.5% solbar +0.3% anabasine sulfate 100.04; 1.0% solbar +0.2% anabasine sulfate 98.00; 1.0% solbar +0.3% anabasine sulfate 99.79; 0.5% green soap +0.2% anabasine sulfate 99.86; 0.5% green soap +0.3% anabasine sulfate 100.00. Expts. were also made on the destruction of cucumber mildew caused by *Erysiphe cichoracearum*, Fr. The percentages of the nos. of affected leaves and of the surface of the leaves were: with 1% decanted solbar 2.8 and 0.20; with 1.0% suspended solbar 2.0 and 0.18; with 1.0% decanted solbar +0.3% anabasine sulfate 2.0 and 0.18. The resp. values for controls were 33.8 and 24.1%. A combination of solbar and anabasine sulfate can be used with success for the simultaneous destruction of cucumber mildew and of aphids.

W. R. Henn

ASB 31A METALLURGICAL LITERATURE CLASSIFICATION

ZUBOV, M.A.

Industrial specimen of the freely rotating cop holder. Izv.vys.-  
ucheb.zav.; tekhn.tekst.prom. no.1:81-88 '62. (MIRA 15:3)

1. Ivanovskiy tekstil'nyy institut im. M.V.Frunze.  
(Winding machines)

ZUBOV, M.A.

Reducing the retardation of normally tied knots in the  
winding of twist yarn. Izv. vys. ucheb. zav.: tekhn. teks.  
prom. no.3:75-79 '64. (MIRA 17:10)

1. Ivanovskiy tekstil'nyy institut imeni Frunze.



ZUBOV, M.A.

Design of the thread guide on the M - 150 reeling machines.  
Izv.vys.ucheb.zav.; tekhn.tekhn.prom. no.3:84-92 '61. (MIRA 14:7)

1. Ivanovskiy tekstil'nyy institut im. M.V. Frunse.  
(Reels (Textile machinery))

ZUBOV, M.A.

Designing the bobbin holder. Izv.vyz.ucheb.zav.;tekh.tekst.prom.  
no.5:80-85 '60. (MIRA 13:11)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.  
(Winding machines)

ZUBOV, M.A.

Simplification of the process of yarn preparation for weaving.  
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.4:151 '59.  
(MIRA 12:11)

1. Ivanovskiy tekstil'nyy institut.  
(Weaving)

ZUBOV, M.F., starshiy nauchnyy sotrudnik

Substitute for Bordeaux mixture. Zashch. rast.o: vred. i  
bol. 5 no. 8:39-40 Ag '60. (MIRA 13:12)

1. Nauchnyy institut po udobreniyam i insektofungitsidam im.  
Y.V. Samoylova. (Fungicides) (Bordeaux mixture)

KALASHNIKOV, K.Ya., kand. sel'skokhoz. nauk; ERUDNAYA, A.A., kand. sel'skokhoz. nauk; ZUBOV, M.F., kand. sel'skokhoz. nauk; KOROLEV, P.A., inzh.-khimik; NIKIFOROV, A.M.

Questions and answers. Zashch. rast. ot vred. i bol. 9  
no.8:34-35 '64. (MIRA 17:12)

ZUEOV, M. F.

"Sulfur Preparations on Fungicides." Cand Agr Sci, Scientific Inst of Fertilizers and Insectofungicides, Moscow, 1954. (RZhKhim, No 22, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

ZUBOV, M.F.; GOLYSHIN, N.M.

Results of testing the preparation zineb as a fungicide for  
green plants. [Trudy] NIUIF no.171:117-122 '61. (MIRA 15:7)  
(Fungicides) (Carbamic acid)

MEL'NIKOV, N.N.; ZUBOV, M.F.; TRUNOV, P.N.; SANIN, M.A.; FEDOSEYENKO, L.G.;  
UKRAINETS, N.S.; PIVOVAROVA, T.M.

Fungicide for controlling powdery mildew fungi. Zashch. rast. ot  
vred. i bol. 8 no.1:31 Ja '63. (MIRA 16:5)  
(Fungicides) (Mildew)



ZUBOV, M.F., kand. sel'skokhoz. nauk

Tell us about the preparations novozir and ferbam. Zashch.  
rast. ot vred. i bol. 7 no.10:61 0 '62. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insekto-  
fungitsidam imeni Samoylova.  
(Fungicides)

ZUBOV, M.F.

Substitutes for Bordeaux mixture. Zashch. rast. ot vred.  
1 bol. 7 no.9:38 S '62. (MIRA 16:8)

1. Nauchno-issledovatel'skiy institut po udobreniyam i  
insektofungisidam imeni Samoylova,  
(Fungicides)

ZUBOV, M.F.; SANIN, M.A.; FEDOSEYENKO, L.G.; UKRAINETS, N.S.

Preparations of fungicidal effect. Zashch. rast. ot vred. i bol.  
9 no.1:28 '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh  
sredstv zashchity rasteniy.

GOLYSHIN, N.M., nauchnyy sotrudnik; ZUBOV, M.F., nauchnyy sotrudnik

Preparation of the captan group in controlling the gray mold of strawberries and apple scab. Zashch. rast. ot vred. i bol. 6 no.12:28 D '61. (MIRA 16:5)

1. Nauchno-issledovatel'skiy institut udobroniya i insektofungitsidov imeni Samoylova.

ZUBOV, M.F.; FEDOSEYENKO, L.G.; SANIN, M.A.; PIVOVAROVA, T.M.; ZIL'BERMINTS,  
I.V., kand. biolog. nauk; FADEYEV, Yu.N., kand. sel'skokhoz. nauk;  
ZHURAVLEVA, L.M.; KIPIANI, A.A., aspirant; MEL'NIKOV, N.N.;  
BOCHAROVA, L.P.; SHVETSOVA-SHILOVSKAYA, K.D.; SHAPOVALOV, G.K.;  
SPIRINA, T.A.; SEDYKH, A.S.; ZINCHENKO, V.A., aspirantka

From experiments in the use of new preparations. Zashch. rast.  
ot vred. 1 bol. 8 no.10:24-26 0 '63. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh  
sredstv zashchity rasteniy (for Zubov, Fedoseyenko, Sanin,  
Pivovarova). 2. Gruzinskiy institut zashchity rasteniy (for  
Kipiani). 3. Moskovskaya ordena Lenina sel'skokhozyaystvennaya  
akademiya im Timiryazeva (for Zinchenko).

NIKIFOROV, A.M., agronom; ZUBOV, M.F., fitopatolog

Questions and answers. Zashch. rast. ot vrwd. i bol. 7  
no.12:40 D '62. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insekto-  
fungisidam imeni Ya.V. Samoylova.  
(Insecticides) (Fungicides)

ZUBOV, M.F.

Dinitrothiocyanatobenzene with colloidal sulfur. Zashch. rast. ot vred.  
i bol. 7 no.8:34-35 Ag '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insektofungi-  
sidam imeni Ya.V.Samoylova.  
(Apple—Diseases and pests) (Grapes—Diseases and pests) (Fungicides)

1. LEONTIEVA, YU. A.; ZUBOV, M. F.
2. USSR (600)
4. Fungicides
7. New preparation for controlling diseases of acorns. Les 1 step' 4 no. 10, 1952

14-3

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



1. LEONT'YEVA, Yu. A.; ZUBOV, M. F. K.
2. USSR (600)
4. Acorns
7. New preparation for controlling diseases of acorns. Les 1 step' 4 no. 10: 1952

*Page 11*

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

ZUBOV, M. F.

Zubov, M. F. and Leont'yeva, In. A. "New Preparation for the Control of Acorn Diseases," Les i Step', vol. 4, no. 10, 1952, pp. 23-26.  
99.8 1565

SO: SIRA S. 90-53, 15 DEC 1953

ZUBOV, M. F.

"Copper-organic Preparations against *Plasmopara viticola* on Grapes,"  
Zashchita Rastenii, no. 12, 1937, pp. 174-175. 421 P942

So: Sira - S1-90-53, 15 Dec. 1953

ZUBOV, M. F.

"The Simplest Method of Germination of Loose Smut of Wheat on Grains,"  
Zashchita Rastenii, no. 15, 1937, pp. 91-92. 421 P942

So: Sira - Si-90-53, 15 Dec. 1953

ZUBOV, M. F.

"The Toxic Effect of Solbar as an Insecticide and Fungicide," Doklady Vsesoiuznoi Akademii Sel'skokhoziaistvennykh Nauk imeni V. I. Lenina, vol. 5, no. 2, 1940, pp. 30-35. 20 Akl

So: Sira - S1-90-53, 15 Dec. 1953

ZUBOV, M. F.

"Copper Chloride (Substitute for Bordeaux Mixture)," Vinodelie i Vinogradarstvo  
SSSR, no. 11, 1952, pp. 49-51. 95.8 V77

So: Sira - Si-90-53, 15 Dec. 1953

ZUBOV, M. F.

"Use of Organic Sulfur Compounds against White Rot of Grapes," Vinodelie i Vinogradarstvo SSSR, vol. 12, no. 4, 1952, p. 40. 95.8 V77

So: Sira - S1-90-53, 15 Dec. 1953

ZUBOV, M. F.

VASIL'YEVSKIY, A. P., and ZUBOV, M. F., "Soviet Solbar against Erysiphe cichoracearum on Cucumbers under Green House Conditions," Zashchita Rastenii, no. 19, 1939, pp. 170-173. 421 P942

SO: SIRA SI-90-53, 15 Dec. 1953



ZUBOV, M. F.

Grapes - Diseases and Pests

Utilizing organic-sulfur preparation against white rot in grapes. Vin. SSSR 12. No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

15

the toxic effect of Solbar as insecticide and fungicide.  
 M. V. Zubov. *Doklady Vsesoyuz. Nauch. Issled. Inst. Khim. 1940, No. 1, 31-3; Khim. Ref. Zhur. 1940, No. 0, 60; cf. C. I. 35, 5627.*—Solbar (a polysulfide of Ba) contains BaS and elementary S. It is applied as a spray, the soln. being made up immediately before use. Tests made with conidia of the mildew fungus found on roses, cucumbers and strawberries showed that Solbar is considerably more toxic to fungi than is ground S. Under hothouse conditions against *Erysiphe cichoracearum* of cucumbers, strawberries, chrysanthemum, cineraria, roses and brown spot on tomatoes and in field expts. against *Erysiphe cichoracearum* of cucumbers, pumpkin, roses, cineraria, against brown spot of tomatoes and against mites on cucumbers, hops and citrus fruits it was very effective. W. K. Henm

ASD-56 METALLURGICAL LITERATURE CLASSIFICATION



15

Utilization of tar waters in agriculture. P. J. Sudovskii and M. P. Zubovskii. *Sov. Plant Protection* (U. S. S. R.) 1940, No. 1, 201-1. Tar waters for treating agricultural seeds were tested in their original form, and in dilutions of 1:1, 1:2, 1:3, 1:4, 1:5, 1:8 and 1:10. The sample contained 7.47 g. of volatile and 5.14 g. of nonvolatile phenols per l. A 40% formalin soln. in a 1:300 diln. was used as a control standard. The toxic properties of tar waters were tested on *Urtica* of *Panicum miliaceum* and of wheat seeds. Tar water is more effective than is 1:300 formalin soln. The N in tar water is utilized by the soil as a nutrient for the plants and phenol as a disinfectant for the soil. W. R. Henn

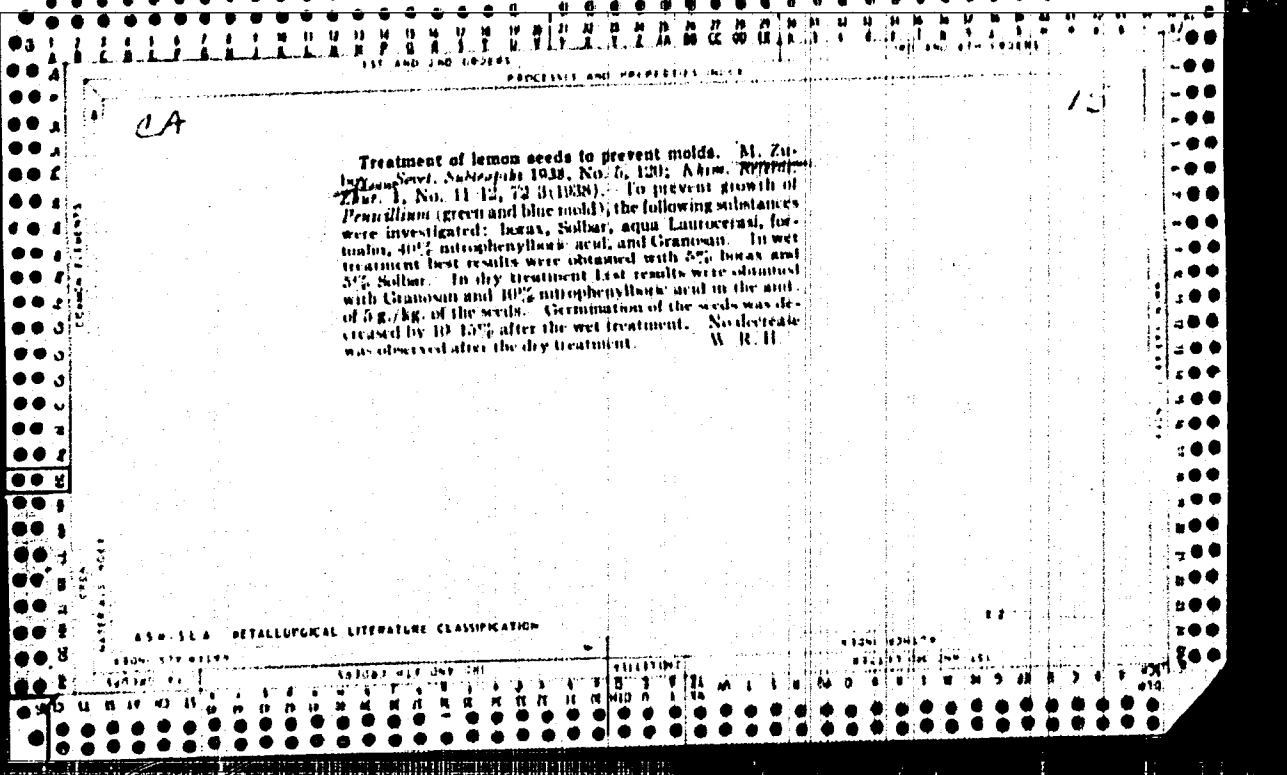
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1940-1949

GROUPS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ZUBOV, M.F.; SANIN, M.A.; FEDOSEYENKO, L.G.; UKRAINETS, N.S.; PIVOVAROVA,  
T.M.; MATVIYEVSKIY, kand.biolog.nauk; ROSLAVTSEVA, S.A.

From practices in the use of poisonous chemicals. Zashch. rast.  
ot vred. i bol. 8 no.11:23-24 N '63. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh  
sredstv zashchity rasteniy (for all, except Matviyevskiy). 2. Mle-  
yevskaya opytnaya stantsiya sadovodstva im. L.P.Simirenko, Cherkas-  
skaya obl., Gorodishche (for Matviyevskiy).

NIKIFOROV, A.M., agronom po zashchite rasteniy; KALASHNIKOV, K.Ya., kand. sel'skokhoz. nauk (Pushkin, Leningradskoy obl.); ZUBOV, M.F., kand. sel'skokhoz. nauk

Questions and answers. Zashch. rast. ot vred. i bol. 9 no. 9: 34-35  
'64. (MIR. 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy (for Zubov).



KIYASHKO, V., agronom; BRUDNAYA, A.A., kand.sel'khoz.nauk; ZUBOV, M.F.

Questions and answers. Zashch. rast. ot vred. i bol.

7 no.7:41-42 J1 '62.

(MIRA 15:11)

1. Sovkhoz "Agronom", Krasnodarskogo kraya (for Kiyashko).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki (for Brudnaya).  
(Plants, Protection of)

1. ZUBOV, M. F.
2. USSR (600)
4. Fungicides
7. Cupric oxychloride. Vin.SSSR 12 no 11 1952

Monthly Lists of Russian Accessions, Library of Congress, March, 1953, Unclassified.

1. ZUBOV, M. F.
2. USSR (600)
4. Cupric Oxychloride
7. Cupric oxychbride. Vin SSSR 12, no. 11, 1952.

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

USSR/Plant Diseases. Diseases of Cultivated Plants. 0

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20695.

Author : Zubov, M.F.

Inst

Title : DARTHROSIS in Potatoes.

Orig Pub: Zashchita rast. ot vredit. i bolezney, 1957,  
No 4, 55.

Abstract: No abstract.

Card : 1/1

ZUBOV, M. F.

Copper oxychloride as a fungicide for green plants. [Trudy] NIUIF  
no.167:146-150 '60. (MIRA-13:8)  
(Copper chlorides) (Fungicides)

KRUTITSKAYA, M.N., ORLOV, V.I., IVANOVA, B.S., ANDREYEVA, Ye.I.,  
GOLYSHIN, N.M., ZUBOV, M.F.

Investigation of zinc subchromates as new fungicides for the  
treatment of green plants and seeds. [Trudy] NIUIF no.167:173-185  
'60. (MIRA 13:8)

(Zinc chromates)

(Fungicides)

GOLYSHIN, N.M., ZUBOV, M.F., KHUTITSKAYA, M.H., ORLOV, V.I.

Comparative fungicidal activity of some basic copper and zinc salts.  
[Trudy] NIUIF no.167:186-192 '60. (MIRA 13:8)  
(Copper salts) (Zinc salts) (Fungicides)

MEL'NIKOV, N.N.; SOKOLOVA, Ye.M.; SKALOZUBOVA, A.V.; TRUNOV, P.P.; ZUBOV,  
M.F.; GOLYSHIN, N.M.

Investigation of new copper-free fungicides for green plants  
and new mercury-free seed disinfectants. [Trudy] NIUIF no.164:  
16-20 '59. (MIRA 15:5)  
(Fungicides) (Seeds--Disinfection)



MOROZOVA, M.A.; KOL'TSOV, N.S.; TRUSHKINA, N.I.; ZUBOV, M.F.; GOLYSHIN, N.M.

Copper-containing fungicides for green plants. [Trudy] NIUIF  
no.164:38-40 '59. (MIRA 15:5)

(Fungicides) (Copper compounds)

SKALOV, Konstantin Yur'yevich, kand. tekhn. nauk, red.; ZUBKOV,  
Mikhail Nikolayevich, inzh.; KRAVCHENKO, Vladimir  
Silyayevich, kand. tekhn. nauk; NIKITINA, Vera Nikolayevna,  
inzh.; PERSIANOV, Vladimir Aleksandrovich, kand. tekhn.  
nauk; DLUGACH, B.A., red.

[Port junctions and terminals; their layout and operation]  
Portovye uzly i stantsii; ustroistvo i ekspluatatsiya.  
Moskva, Transport, 1965. 197 p. (MIRA 18:4)

ZUBOV, M.F. (Moskva)

Zineb, an effective fungicide. Zashch. rast. ot vred. i bol.  
3 no.5:31 E-0 '58. (MIRA 11:10)  
(Carbamic acid) (Fungicides)

Zubov MP

ZUBOV, M.P.

All-Union Patent and Technical Library. Izobr. v SSSR 3 no.1:41-42  
Ja '58. (MIRA 11:1)

(Moscow--Technical libraries)

14153  
S/O80/62/035/004/008/022  
D202/D301

5.1310  
AUTHORS:

Kudryatsev, N. T., Kruglikov, S. A., Vcrob'yeva, G. F.  
and Zubov, N. S.

TITLE:

A study of the smoothing effect of some nitrogen-con-  
taining heterocyclic compounds

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 4, 1962, 777-781

TEXT: The authors tested quinoline, methyl-quinolinium iodide, quinaldine and acriflavin as smoothing agents in nickel electroplating and worked out optimal conditions for their use. In their opinion only quinaldine may be of practical use, because quinoline and its methiodide have comparatively small smoothing effects and give brittle deposits. Acriflavin produces a favorable effect but only in a very narrow concentration range, which makes it unsuitable for practical purposes. An addition of saccharin to electrolytes containing quinoline or its derivative gives a less brittle plate, but markedly lessens the smoothing effect of these compounds. Experimental details and the obtained results are given. There are

Card 1/2

X

KUDRYAVTSEV, N.T.; KRUGLIKOV, S.S.; COROB'YEVA, G.F.; ZUBOV, M.S.

Surface-leveling action of some nitrogen-containing heterocyclic  
compounds. Zhur.prikl.khim. 35 no.4:777-781 Ap '62.

(MIRA 15:4)

(Heterocyclic compounds)

(Electroplating)

ZUBOV, N., inzhener-metodist

Methodological help for enterprises. Prof.-tekh. obr. 17 no. 12:12-  
12 D '60. (MIRA 13:12)

1. Tsentral'nyy uchebno-metodicheskiy kabinet Gosudarstvennogo  
komiteta Soveta Ministrov SSSR po professional'no-tekhnicheskomu  
obrazovaniyu.

(Vocational education)

ZUBOV, N., starshiy inzh.-metodist

Control over the industrial training of new workers. Prof.-  
tekh. obr. 18 no.5:29-30 My '61. (MIRA 14:8)

1. Tsentral'nyy uchebno-metodicheskiy kabinet.  
(Chelyubinsk--School supervision)



ZUBOV, N.

Collective Farms

Advantages of the enlarged collective farm in operation. *Kolkh. proizv.*, 12, No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1951~~, Uncl.

ZUBOV, N., predsedatel'.

Realization of critical observations of a trade-union activist group.  
Prof.soluzy 8 no.7:33-38 JI '53.

(KJJA 6:6)

1. Kalininskiy oblastnyy sovet profsoyuzov.

(Trade-unions)

[Be vigilant anywhere and under any circumstance] Byt' bditel'nyy  
na liubom uchastke i vo vsiakoi obstanovke. 2. dop. izd. Moskva,  
Gospolitizdat, 1954. 142 p.  
(Russia--Defenses)  
(MLRA 7:12)

ZUBOV, N.A., Kandid. med. nauk (Tyumen', ul. Respubliki, 135, kv.46)

Surgery on the liver in opisthorchiasis. Vopr. khir. 92.no.4:  
137-140 Ap '64 (MIRA 18:1)

1. Iz parazitologicheskoy laboratorii (sav. - L.F. Zarchaninov)  
filiala Omskogo nauchno-issledovatel'skogo instituta prirod-  
noochagovykh infektsiy (ispolnyayushchiy ob'yazannosti direk-  
tora V.N. Shpil'ko) v Tyumeni i Tyumenskoy oblasti (bol'-  
nitsy (glavnyy vrach - A.A. Molodtsov).

ZUBOV, N.A.

The KZh-20 drum-type milling machine. Biul.tekh.-ekon.inform.  
no.2:18-20 '60. (MIRA 13:6)

(Milling machines)

ZINOV'YEV, A. S., kand. med. nauk; ZUBOV, N. A.

Two cases of primary cancer of the liver in children. *Pediatrics*  
no.11:65-67 '61. (MIRA 14:12)

1. Iz patologoanatomicheskogo otdeleniya (nav. A. N. Zakharova)  
Tyumenskoy oblastnoy bol'nitsy (glavnyy vrach A. A. Moiseyenko)

(LIVER--CANCER) (CHILDREN--DISEASES)

ZINOV'YEV, A.S., kand.med.nauk; ZUBOV, N.A.

Pathological anatomy of so-called idiopathic myocarditis.  
Vrach. delo no.2:133-134 F '62. (MIRA 15:3)

1. Patologoanatomicheskoye otdeleniye (zav. - A.N. Zakharova)  
Tyumenskoj oblastnoy bol'nitsy.  
(HEART--MUSCLE--DISEASES)

ZUBOV, N.A.

Pathomorphology of the liver and pancreas in cats with  
opisthorchosis treated with hexachlorparaxylene. Med. parazit.  
i paraz. bol. 34 no.2:164-169 Mr-Ap '65. (MIRA 18:11)

1. Parazitologicheskaya laboratoriya filiala Omskogo nauchno-  
issledovatel'skogo instituta prirodnoobraznykh infektsiy,  
Tyumen', i Klinicheskiy otdel Instituta meditsinskoy parazitolo-  
gii i tropicheskoy meditsiny imeni Ye.I. Muravinskogo  
Ministerstva zdravookhraneniya SSSR, Moskva.



LUBOV, N. G

Category : USSR/Solid State Physics - Phase Transformation in Solid Bodies E-5  
Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3800

Author : Zubov, N.G.  
Inst : Moscow State University, USSR  
Title : Simple Method for Observing the Phase Transition in Single Crystals of Quartz.

Orig Pub : Kristallografiya. 1956, 1, No 2, 243-245

Abstract : The method proposed is based on the rapid temperature variation of the indices of refraction of  $\alpha$  and  $\beta$  quartz in the immediate vicinity of the phase-transition point. A specimen of quartz in the form of a cube, with linear dimensions of 20 -- 25 mm, was placed in a cylindrical vacuum oven and was exposed to a beam of rays parallel to the axis of the oven. A shadow image of the specimen was obtained on the screen. The oven produced small temperature gradients (approximately 0.1-0.20/cm) in the transverse cross section, making it possible to obtain phase-transition fronts that are parallel to the light rays. When a center of the new phase was formed, large gradients of the index of refraction occurred in its vicinity, and consequently the screen displayed a distortion of the

Card : 1/2

Category : USSR/Solid State Physics - Phase Transformation in Solid Bodies

E-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3800

contours of the shadow of the specimen and a dark region was formed near the center of the new phase. Parts of the front of the phase transformation, parallel to the beam of the rays, were observed on the screen in the form of bright lines. Using this method, the author investigated phase transformations in a free crystal of quartz and in a crystal, located in a dc and in a high-frequency electric field. The method described makes it also possible to determine the character of the variation of the temperature field in the specimen during the time of the phase transition and can be used to obtain a more accurate value of the temperature of the phase transition.

Card : 2/2

ZUBOV, N.G., general-mayor.

Elections of the Don Cossack Hetman. Don.atam.vest. 1 no.1:6 My '52.  
(Cossacks) (MLRA 7:12)

ZUBOK, N.G., inzh.; RABINOVICH, F.P., inzh.

The AB-120 automatic two-stroke cold-upsetting machine with a one-piece die, Mashinostroenie no.1:36-37 Ja-F '62. (MIRA 15:2)

1. Odesskiy zavod im. XVI parts"yezda.  
(Forging machinery)

ZUBOV, N.M.; POPOV, S.S., redaktor; TROFIMOV, A.V., tekhnicheskly redaktor.

[New machinery for mechanization of laying pipelines] Noveye mashiny  
dlya mekhanizatsii truboprovodnykh rabot. Moskva, Gos. nauchno-  
tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1950. 53 p.  
(Pipelines) (MIRA 8:4)

DIMER, A.I.; ZUBOV, N.M.; KLIMOVSKIY, Ye.M.

Investigating the operation and use of DZK separators. Stroi. truboprov.  
9 no.10:9-12 0 '64. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu  
Magistral'nykh truboprovodov.

Card 2/2

ZUBOV, N.M.

New natural-gasoline plants. Stroi. truboprov. 10 no.2418-19  
F '65. (MIRA 18:5)

ZUBOV, N.M., inzh.

Prepare for the winter season ahead of time. Stroi. truboprov.  
5 no.8:3-4 Ag '60. (MIRA 13:9)  
(Pipelines--Cold weather conditions)



ZUBOV, N.M., inzh.

Further improvements in pipeline construction.  
4 no.1:5-7 Ja '59.  
(Pipelines)

Stroi.truboprov.  
(MIRA 12:1)

ZUBOV, N.M., arkhitektor

Shop arrangement in the heavy machinery industry during  
construction stages. Sbor. trud. NII po stroi. ASIA [Sverd.]  
no.8:64-80 '63. (MIRA 16:10)

GOLOVKIN, N.A.; ZUBOV, N.M.; IKONNIKOV, R.M.; TELEGIN, L.C.

Possibility of using screw anchors in laying pipelines in  
Western Siberia. Stroi. truboprov. 10 no. 11:8-10 N '65.

(MIRA 18:12)

ZUBOV, N.M.

Tuas-Tunus--IAkutak--Pob...  
8 no.11:10-14'63 (MIRA 17:7)