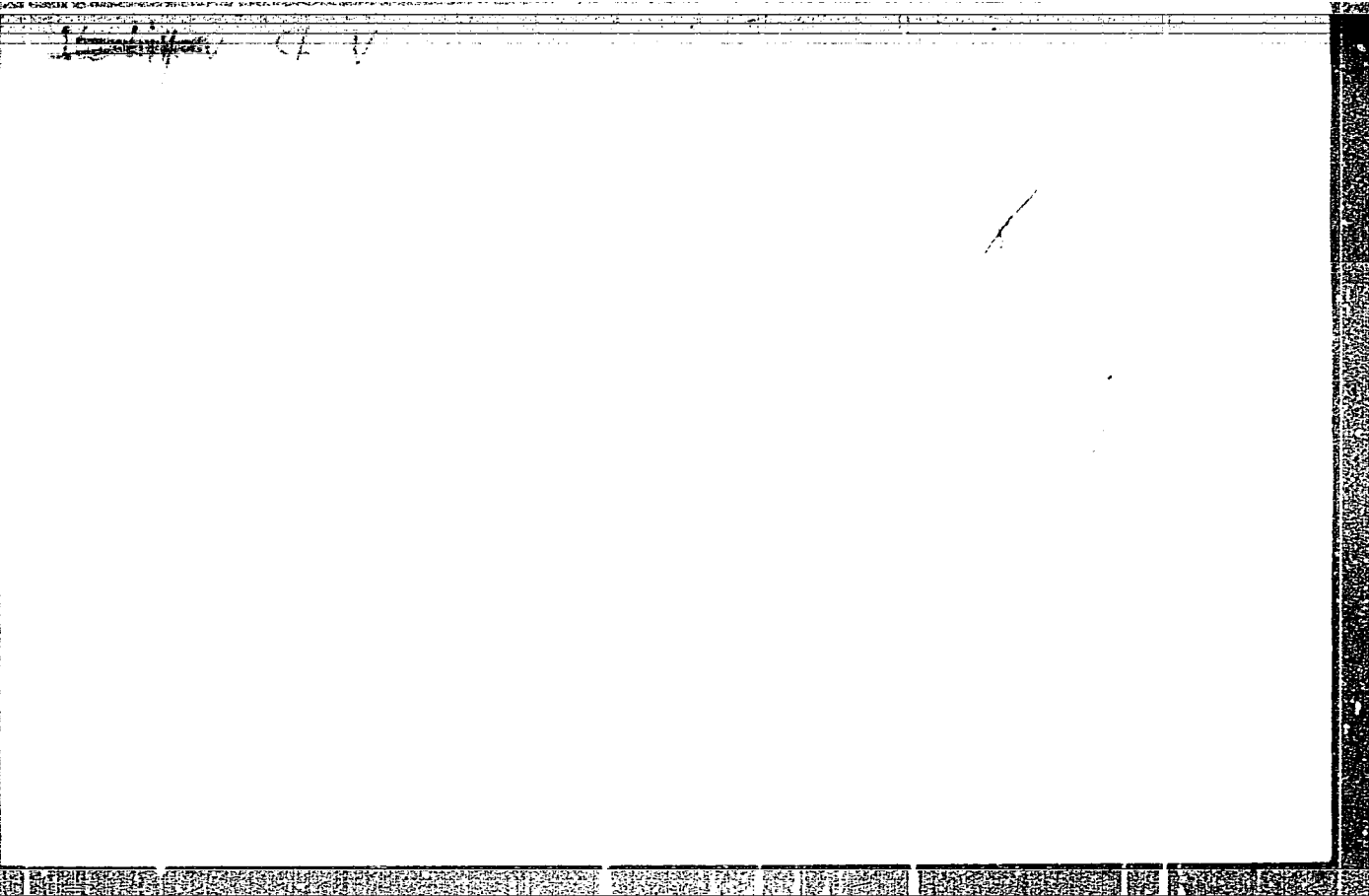


"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859320001-2



APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859320001-2"

MARKHASEVA, S.M.; MARDANOV, M.A.; VELIEYEV, K.G.; BIZYAYEVA, N.P.

Nitration of the fraction of propylene tetramers by nitric  
acid. Azerb. khim. zhur. no.3:19-26 '62. (MIRA 16:12)

AID P - 5225

Subject : USSR/Aeronautics - aerial targets  
Card 1/1 Pub. 135 - 11/26  
Authors : Veligin, N. S., Lt. Col. of tech. sci. and S. G. Sheludchenko, Eng.-Lt. Col.  
Title : Experience gained in the use of aerial targets  
Periodical : Vest. vozd. flota, 11, 56-59, N 1956  
Abstract : The article is composed of two chapters. First chapter deals with the maintenance and repair of aerial targets, and the second chapter deals with the takeoff of aerial targets fitted with rigid coupling. Two photos. The article merits attention.  
Institution : None  
Submitted : No date

VELIGIN, N.S., podpolkovnik tekhnicheskoy sluzhby; SHELUDCHENKO, S.G.  
Inzhener-podpolkovnik.

Use of aerial targets. Vest.Vozd.Fl. 39 no.11:56-59 '56.  
(Aerial gunnery) (MLRA 10:3)

VELIGINA, R.

Collective farms are a "school of communism" for their members.  
Komm.Vooruzh.Sil 3 no.20:57-62.0'62. (MIRA 15:10)  
(Collective farms)

VELIGINA, Raisa Afanas'yevna; SHULEYKIN, P.A., red.; RAKITIN,  
I.T., tekhn. red.

[Glorious decade] Slavnoe desiatiletie. Moskva, Izd-vo  
"Znanie," 1963. 46 p. (Narodnyi universitet kul'tury:  
Sel'skokhoziaistvennyi fakul'tet, no.11) (MIRA 17:1)

VELIGOTSKIY, N.

Timely suggestion. Prof.-tekh. obr. 20 no.3:21 Mr '63. (MIRA 16:3)

1. Nachal'nik Sumskogo oblastnogo upravleniya professional'no-tekhnicheskogo obrazovaniya.

(Moral education)

VELIGURA, G.M.

Organizing a technical circle for teachers of physics and mathematics.  
Fiz. v shkole 20 no.6:98 N-D '60. (MIRA 14:2)

1. 6-ya shkola rabochey molodeshi, g.Ural'sk.  
(Physics—Study and teaching)  
(Mathematics—Study and teaching)



VELIGURSKIY, A.A.; TARAZEVIKH, G.S.

Adjusting 3rd and 4th order leveling nets on the "Ural-1"  
electronic computer. Geod. i kart. no.8:18-22 Ag '64.  
(MIRA 17:11)

VELIHOV, F. F.

Montazh Metallicheskih Konstruktsii (Assembling Metal Structures), Moscow, 1948.

VELIKYVANENKO, A. Ye.

Viticulture

Plow attachment for filling in around grape vines. Vin. SSSR 12 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

VELIKOYVANEMKO, A. Ye.

Flows

Flow attachment for filling in around grape vines. Vin. SSR 12 No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1958? Unclassified.

L 29867-66 EWT(1)/EWP(m)/EWT(m)/T WT/DJ/JAJ

ACC NR: AP6013213

SOURCE CODE: UR/0421/66/000/002/0133/0136 5/8

AUTHOR: Velik, N. P. (Dnepropetrovsk); Makhin, V. A. (Dnepropetrovsk); Frisnyakov, V. F. (Dnepropetrovsk)

ORG: none

TITLE: Determination of the natural vibration frequencies of liquids in complex pipelines

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 2, 1966, 133-136

TOPIC TAGS: pipeline, liquid flow

ABSTRACT: The article considers a complex hydraulic system consisting of n individual pipelines, with a homogeneous liquid; the pipelines have a constant elastic characteristic over their length. The wave type process in the system will then be described by the equations:

$$\frac{\partial^2 G_1}{\partial \tau^2} + 2a \frac{\partial G_1}{\partial \tau} = c_1^2 \frac{\partial^2 G_1}{\partial x_1^2}, \dots, \frac{\partial^2 G_n}{\partial \tau^2} + 2a \frac{\partial G_n}{\partial \tau} = c_n^2 \frac{\partial^2 G_n}{\partial x_n^2} \quad (1.1)$$

Here G is the mass flow rate per second of the liquid; a is the decrement of the damping of the wave type process; c is the propagation

Card 1/2

L 29867-66

ACC NR: AP6013213

velocity of the elastic wave in the liquid filling the pipeline;  $x$  is the coordinate along the axis of the pipeline, calculated from its beginning;  $\tau$  is the time. After transformation, the general solution can be brought into the form

$$G_1(x_1, \tau) = \exp(-\sigma\tau) \sum_{k=1}^{\infty} A_{1k} \sin\left(\frac{\omega_k x_1}{c_1} + \varphi_{1k}\right) \sin(\sqrt{\omega_k^2 - \sigma^2} \tau + \psi_k) \dots \dots \dots (1.3)$$

$$G_n(x_n, \tau) = \exp(-\sigma\tau) \sum_{k=1}^{\infty} A_{nk} \sin\left(\frac{\omega_k x_n}{c_n} + \varphi_{nk}\right) \sin(\sqrt{\omega_k^2 - \sigma^2} \tau + \psi_k)$$

where  $A_{nk}$ ,  $\varphi_{nk}$ , and  $\psi_k$  are arbitrary constants determined by the initial and boundary conditions;  $\omega_k$  are the natural values. The article first treats the problem of determining the natural vibration frequency of a liquid in pipelines connected in series, and then takes up the question of the same determination in branched pipelines. Orig. art. has: 28 formulas.

SUB CODE: 20/ SUBM DATE: 03Apr64/ ORIG REF: 004

Card: 2/2 IV

VELIKA, Z. [Velyka, Z.], arkhitektor

Barns for loose housing of young cattle. Sil'. bud. 9 no.2:13-15  
F '59. (MIRA 12:6)

(Dairy barns)

BONDAR, B., arkhitektor; VELIKA, Z., arkhitektor; MARCHENKO, Ye., inzh.

Using continuous-shift method in the loose housing of cows.  
Sil'.bud. 10 no.8:14-17 Ag '60. (MIRA 13:8)  
(Dairy barns)



KOSHITS, Yu.I.; VELIKA, Z.R. [Velyka, Z.R.]; RAYKO, V.I. [Raiko, V.I.];  
ONISHCHENKO, M.Yu. [Onyshchenko, M.IU.]; BUTSENKO, M.A.;  
KRAVCHENKO, V.Ya., red.; SLYN'KO, B.I., red.; GRISHKO, T.I.  
[Hryshko, T.I.], tekhn. red.

[Buildings on livestock farms] Budivli tvarynnyts'kykh ferm;  
budivel'na i proektna praktyka. Za red. V.IA.Kravchenka. Kyiv,  
Derzhbudvydav URSR, 1962. 89 p. (MIRA 16:5)

1. Akademiya budivnytstva i arkhitektury URSR. Naukovo-  
doslidnyi instytut arkhitektury sporud.  
(Farm buildings--Design and construction)

*Velikan*

RUMANIA/General Division - History. Classics. Personalities. A-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 65.

Author : Velikan

Inst :

Title : Scientific Activity of Academician Daniyelopolu and the  
Connection Between Maphology and Physiology.

Orig Pub : Fiziol. norm. si patol., 1956, 3, No 2, 168-175.

Abst : No abstract.

Card 1/1

RUMANIA / General Biology. General Histology

B-3

Abs Jour: Ref Zhur - Biol., No 6, 1958, 23758

Author : Velikan, Dinulesku, Berdeyanu

Inst : Not given

Title : On the Problem of Histogenesis of Isles of Langerhans in An Adult.

Orig Pub: Fiziol. norm. si patol., 1956, 3, No 3, 369-377

Abstract: A study was conducted of proliferation of isles of Langerhans (IL) in hypoglycemic syndrome at the expense of exocrine tissues. Hypertrophy of IL is noted (an increase in diameter up to 350-400 $\mu$ , instead of the normal 50-200 $\mu$ ), increase in numbers of IL (8-12 per visual field), and conversion of exocrine into endocrine tissue. At the same time hypertrophy of centro-acinose cells and cells forming intralobular excretory ducts are found. Histo-

Card 1/2

RUMANIA / General Biology. General Histology

B-3

Abs Jour: Ref Zhur - Biol., No 6, 1958, 23758

Abstract: chemically these cells acquire properties of typical IL elements (staining of B-cells by azan and by the Gomori method). In typically hypertrophied and newly formed IL the McManus-Hotchkiss reaction is negative. IL occurred at a stage of heightened secretory activity and were composed almost exclusively of large-scale B-cells. Hypertrophy of the gland's nerve ganglia is noted. These changes represent the morphological substrate of increased insulin production, which is characteristic of hypoglycemic syndrome. The new formation of endocrine tissue is regarded by the authors as a regenerative compensatory hypertrophy. The plasticity of IL histogenetic ability is emphasized, of centroacnosc cells and epithelium of excretory ducts in the postembryonal life period.

Card 2/2

VELIKAN, K. (Bukharest); VELIKAN, D. (Bukharest)

Cytochemistry of mucopolysaccharides in normal and pathologically  
changed connective tissue. Arkh. pat. no. 11:3-11 '64.  
(MIRA 18:11)

1. Laboratoriya gistokhimii Instituta vnutrennikh bolezney  
(direktor - akademik N.G. Lupa) akademii i Ministerstva  
zdravookhraneniya i sotsial'nogo obshchestvennogo zdaniya Rumynskoy  
Narodnoy Respubliki.

LUPU, N.G.; VELIKAN, K.

The problem of pneumoconioses. I. Experimental studies on the pathogenesis  
of pneumoconioses. Rev. sc. med., Bucur. no.2:23-29 1957.

(PNEUMOCONIOSIS, exper.  
pathogen. in guinea pigs & rabbits (Rus))

LUPU, N., akademik: VELIKAN, K.

Pneumoconioses in children in industrial cities with atmospheric pollution by silicon dioxide dust. Gig. i san. 23 no.12:10-13 D '58.  
(MIRA 12:1)

1. Iz Terapevticheskogo instituta Akademii nauk Rumynskoy Narodnoy Respubliki.

(LUNGS--DUST DISEASES

caused by silicon dioxide dust air pollution (Rus))

(AIR POLLUTION

by silicon dioxide dust causing pneumoconioses in child. (Rus))

VELIKAN, K. (Bukharest); VELIKAN, D. (Bukharest)

Cytochemistry of mucopolysaccharides in normal and pathologically  
changed connective tissue. Arkh. pat. no.11:3-11 '64.  
(MIRA 18:11)

1. Laboratoriya gistokhimii Instituta vnutrennikh bolezney  
(direktor - akademik N.G. Lupu) akademii i Ministerstva  
zdravookhraneniya i sotsial'nogo obshchestveniya Rumynskoy  
Narodnoy Respubliki.



VELIKAN, V.

RUMANIA/Cultivable Plants - Grains.

- Abstr Jour : Ref Zhur - Biol., No 3, 1959, 10780
- Author : Pryadchenko, A., Yazadzhi, A., Veltman, V., Dreglich, L.,  
Bretan, I., Gologan, I., Dalac, V., Malakrinos, ...  
Boldya, Ye., Chobotaru, V., Mihlye, E.
- Inst : Rumanian Academy.
- Title : The Best Sorts of Spring Wheat for the Rumanian People's  
Republic.
- Orig Pub : Biol., zh. Akad. RNR, 1956, 1, No 1, 147-206
- Abstract : The results are given of the comparative testing of spring  
wheat varieties conducted in 1949-1952 on six experimental  
bases, situated in different productive zones of the Rus-  
sian People's Republic.

Card 1/1

VELIKAN-GABRIELIESCU E.  
EXCERPTA MEDICA Sec 10 Vol 12/5 Obstetrics May 59

823. MORPHOLOGICAL AND FUNCTIONAL CHANGES OF THE TERMINAL NERVES OF THE UTERUS DURING OESTRUS AND IN PREGNANCY (Russian text) - Velikan-Gabriliescu E. and Bordeiant A. - ARKH. PATOL. 1958, 20/2 (55-68) Illus. 8

These studies were undertaken in 56 rabbits, 10 rats and 6 dogs. Intravital methylene blue staining was carried out during different oestrus stages and during pregnancy. During a period of weak hormone stimulation the nervous network of the uterus is only slightly developed: it consists of single nerve fibres with only few anastomoses. In this stage no terminal apparatus could be demonstrated and no innervation of the mucosa could be observed. The histological picture is appreciably altered during oestrogen-progesterone stimulation: there is an abundant nervous network with terminal structures, the mucosa is amply innervated, the nerve fibres are granular with accumulations of protoplasm. At the beginning of pregnancy these modifications became even more pronounced. As the pregnancy progresses the demonstration of the nervous network becomes increasingly difficult, whereas the interstitial cells are clearly visible. The same innervation picture as seen during hormonal stimulation can also be evoked by artificial oestrone administration; larger quantities lead to diffuse staining of the tissue. These findings appear to prove the occurrence of cyclic alterations of the structure of the nervous apparatus of the uterus.

Brandt - Berlin (V, 2, 10)

VELIKAN-GABRILIYBSKU, Ye. [Velikan-Gabriliescu, E.]; BORDEYANU, A.  
[Bordeianu, A.] (Bukharest)

Findings on the morphological and functional changes in the nerve endings in the uterus during the estrus cycle and in pregnancy [with summary in English]. Arkh.pat. 20 no.2:55-68 '58. (MIRA 11:4)

(UTERUS, innerv.

nerve endings in rabbit & dog during estrus cycle & in pregn., morphol. & funct. changes (Rus))

(ESTRUS CYCLE, physiol.

eff. on uterine nerve ending morphol. & funct. in rabbit & dog. (Rus))

(PREGNANCY, physiol.

same)

WOLKOWICZ, S.

Forms of extracurricular activities of student in the preparatory  
grades. p.351. TRAGI. Ustredni ustav geologiey, Kishovna. VYBE  
ROVINER Z P. NOBICHE IIC W \* GECIOUWI, INTU-LOGIEN, IINERACIORA  
A VED. RIVZINCH. Praha, Vol. 5, no. 6, June 1956.

SOURCE: East European Acquisitions List, (EEAL), Library of Congress  
Vol. 5, no. 12, December 1956.

VELIKANOV, A. A.

AUTHORS: Delimarskiy, Yu. K., Velikanov, A. A. 78-3-5-3/39

TITLE: I. The Electric Conductivity of the Molten Sulfides of Tin, Antimony, Bismuth, and Nickel (I. Elektroprovodnost' rasplavlennykh sul'fidov olova, sur'my, vismuta i nikelya)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol 3, Nr 5, pp 1075-1078 (USSR)

ABSTRACT: In the present paper, the specific conductivity of the melts of SnS, Sb<sub>2</sub>S<sub>3</sub>, Bi<sub>2</sub>S<sub>3</sub>, and NiS is investigated. The sulfides are produced by precipitation from an aqueous solution of the purest chlorides of these metals by H<sub>2</sub>S. The results show that the molten sulfides exhibit a high electric conductivity, similar to the electric conductivity of some metals. The electric conductivity of Bi<sub>2</sub>S<sub>3</sub> and NiS is much higher than that of the other melts. Positive temperature coefficients have been found for the electric conductivity of Sb<sub>2</sub>S<sub>3</sub> and SnS, and negative temperature coefficients for the electric conductivity of Bi<sub>2</sub>S<sub>3</sub> and NiS. The dependence of the specific conductivity on temperature in the molten sulfides is given by Frankel's equation

Card 1/2

I. The Electric Conductivity of the Molten Sulfides of Tin, 78-3-5-3/39  
Antimony, Bismuth, and Nickel

$\sigma = A \cdot e^{-U/kT}$ . It is supposed here, that in the melts of SnS and Sb<sub>2</sub>S<sub>3</sub> electric conductivity is predominant, while in Bi<sub>2</sub>S<sub>3</sub> and NiS prevails electronic conductivity. The character of the electric conductivity of the examined molten sulfides changes in the same way as the chemical properties of the corresponding oxides. The electric conductivity increases in the following succession: Sb<sub>2</sub>S<sub>3</sub>-SnS-Bi<sub>2</sub>S<sub>3</sub>-NiS. In the same succession the value of the corresponding temperature coefficients decreases. There are 2 figures, 3 tables, and 10 references, 3 of which are Soviet.

SUBMITTED: May 16, 1957

AVAILABLE: Library of Congress

1. Liquid metal sulfides--Conductivity--Test results

Card 2/2

S/073/60/026/002/003/015  
B023/B067

AUTHORS: Delimarskiy, Yu. K. and Velikanov, A. I.  
TITLE: Electrolytic Separation of Antimony From Fused Sulfide  
PERIODICAL: Ukrainskiy khimicheskiy zhurnal, 1960, Vol. 26, No. 2,  
pp. 168-173

TEXT: The authors determined the voltages of the decomposition of fused antimony trisulfide and the melt (15% Na<sub>2</sub>S - 85% Sb<sub>2</sub>S<sub>3</sub>). The experimental data were compared with the thermodynamically calculated values. The decomposition potential of Sb<sub>2</sub>S<sub>3</sub> was calculated at 800°C by using the known thermodynamical interrelations. It amounted to 0.42V which is in satisfactory agreement with the experimental data. The authors found that the current yield is temperature-dependent. The highest current yield (63.5%) was obtained at a temperature of 800-860°C. The authors also studied the dependence of the current yield on the cathodic current density. The following are the optimum conditions of electrolysis in nitrogen atmosphere:

Card 1/3

Electrolytic Separation of Antimony From  
Fused Sulfide

S/073/60/026/002/003/015  
B023/B067

temperature 800-860°C, current density 0.5-2.0 a/cm<sup>2</sup>. Fig. 3 shows an electrolytic tank for the electrolysis of the sulfide melt. 1 - Cathode, 2 - anode, 3 - quartz cover for the insulation of the electrodes, 4 - tungsten conductors in porcelain insulation, 5 and 6 - contact terminals at the electrodes, 7 - quartz electrolyzer, 8 - stopper, 9 - melt. The paper by V. I. Lapshin (Ref. 1) is mentioned. There are 3 figures, 3 tables, and 8 references: 4 Soviet, 1 French, 1 US, 1 British, and 1 Japanese.

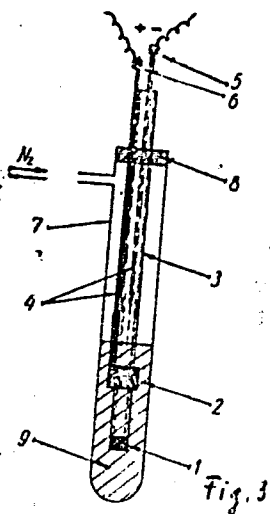
ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko  
(Kiyev State University imeni T. G. Shevchenko)

SUBMITTED: July 8, 1959

Card 2/3



9/073/60/026/002/003/015  
3023/B067



Card 3/3

S/073/60/026/003/002/C04  
B016/B054

AUTHOR: Velikanov, A. A.  
TITLE: Electrical Conductivity of Molten Silver Sulfide<sup>1</sup>  
PERIODICAL: Ukrainskiy khimicheskiy zhurnal, 1960, Vol. 26, No. 3,  
pp. 319 - 323

TEXT: The present paper reports on an investigation of electrical conductivity of molten silver sulfide to clarify the influence exercised by its composition on the electrical conductivity of its melt. The author used a previously (Ref. 4) described method based on argon atmosphere and graphite electrodes, one of which also served as a vessel to hold the sulfide melt. The electrodes were separated by a quartz wall equipped with a capillary tube. The resistance of the melt in the capillary tube was measured. The author describes the method of producing the silver sulfide used. He also succeeded in measuring the specific electrical conductivity below the freezing point of  $Ag_2S$ . Table 1 shows this conductivity for compositions of varying sulfur content at different

✓

Card 1/3

Electrical Conductivity of Molten Silver Sulfide

S/073/6C/026/003/002/004  
B016/B054

temperatures. Hence, it appears that conductivity decreases with rising temperature. This decrease is considerable in the transition of solid silver sulfide to the molten state. Further, the author calculated the absolute and relative temperature coefficients of the electrical conductivity of the melt and solid silver sulfide. The values of the temperature coefficients indicated in Table 2 reveal the typically metallic character of the conductivity of both the solid and the molten silver sulfide, which is also suggested by the specific electrical conductivity. Finally, the author prepared three samples (Table 3) of silver sulfide with different silver and sulfur contents. A moderately strong argon flow was blown through the melt at 1000°C, which accelerated the mixing of the melt and the dissolution of silver in the sulfide. The melt was allowed to stand for 15 min, then cooled quickly, and the sulfide layer separated from the metal layer. The author did not succeed in producing a silver sulfide which contained more sulfur in the molten state than would correspond to the stoichiometric ratio. A Fig. (p.322) shows the electrical conductivity of the samples as a function of temperature. The conductivity of molten silver sulfide depends, to a great extent, on the composition of the product (on the Ag:S ratio). It

Card 2/3

Electrical Conductivity of Molten Silver  
Sulfide

S/073/60/026/003/002/004  
B016/B054

increases with rising metal content in the melt. The temperature coefficient rises sharply, i.e., the metallic character of the electrical conductivity becomes stronger. The author explains this by the fact that the conductivity of the melts of Ag-S systems bases on metal-metal bonds whose quantity increases with rising silver content. There are 1 figure, 3 tables, and 6 references: 2 Soviet and 2 German.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko  
(Kiyev State University imeni T. G. Shevchenko) ✓

SUBMITTED: December 16, 1959

Card 3/3

VELIKANOV, A.A.; VASILENKO, V.A.

Electrolytic tin separation from KCl - SnS system melts.  
Zhur. prikl. khim. 37 no.9:2066-2070 S '64.

(MIRA 17:1C)

1. Kiyevskiy gosudarstvennyy universitet.

VELIKANOV, A.L.

Firm power of hydroelectric power stations; an example of  
technical and economic calculations. Probl.reg.rech.stoka  
no.8:189-206 '59. (MIRA 13:4)  
(Hydroelectric power stations)

FEL'DMAN, M.P.; DRUZHININ, I.P.; YELIKANOV, A.L.

Determining the rated capacity predictability of hydroelectric power stations on the basis of flow data of the Oka and Yenisey Rivers. Probl.reg.rech.stoka no.8:105-188 '59.

(MIRA 13:4)

(Hydroelectric power stations)

REZNIKOVSKIY, A. Sh., kand. tekhn. nauk; VELIKANOV, A. L., inzh.;  
SOLOV'YEVA, I. Yu., inzh.

Water-power computations on digital computers. Gidr. stroi. 33  
no.12:26-28 D '62. (MIRA 16:1)

(Calculating machines) (Hydroelectric power)



NIKITIN, B.I.; VELIKANOV, A.L.; YELAKHOVSKIY, S.B.; SINITSIN, N.I.

Algorithm for calculating the annual operation of a cascade of hydroelectric power stations using a digital computer. Obshch. energ. no.6:30-38 '63. (MIRA 16:10)

(Hydroelectric power stations)

VELIKANOV, A.L.

Determination of the guaranteed operating power of a group of hydroelectric power stations taking into account the power system development. Probl. gidroenerg. i reg. rech. stoka no.11:112-120 '63. (MIRA 18:3)

AYVAZ'YAN, V.G., prof.; VELIKANOV, A.L., kand. tekhn. nauk;  
KOROBOVA, D.N., mlad. nauchn. soob.; FEL'DMAN, M.P.,  
doktor tekhn. nauk; VASIL'YEV, Yu.F., red.

[Selection of power parameters and structural dimensions  
of hydroelectric power stations] Vybor energeticheskikh  
parametrov i razmerov sooruzhenii gidroelektrostantsii.  
Moskva, Nauka, 1965. 135 p. (MIRA 18:4)

1. Moscow. Energeticheskiy institut.

25(5)

SOV/118-59-2-1/26

AUTHOR: Velikanov, A.S., Engineer

TITLE: Sovnarkhozes and the Automation of Industrial Processes (Sovnarkhozy i avtomatizatsiya proizvodstvennykh protsessov)

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959, Nr 2, pp 3-5 (USSR)

ABSTRACT: In 1965, the total volume of Soviet industrial production is to be twice that of 1958. A considerable part of the production increase will result from the basic reconstruction of existing enterprises, from new equipment and the introduction of new technological processes based on complex mechanization and automation. The leading role in realizing the technical progress belongs to the various Sovet narodnogo khozyastva (Council of National Economy). Until now all designing work has been carried out by a few institutions situated in the center of the country, very often thousands of km away from the industrial

Card 1/4

SOV/118-59-2-1/26

Sovnarkhozes and the Automation of Industrial Processes

enterprises; e.g. the Institut "Stal'proyekt" ("Stal'proyekt" Institute) in Moscow designed automatic equipment on the correlation "mazut-air" for the "Amurstal'" plant of the Khabarovskiy (Khabarovsk) sovnarkhoz, without taking into account the existing equipment. The design proved to be deficient. Similar cases happened at other enterprises. Following the general economic decentralization line, the sovnarkhozes have now started to establish local projects, scientific research and assembly institutions to solve highly important problems of technical progress themselves. The Sverdlovskiy (Sverdlovsk) sovnarkhoz is planning to set up 2 complex automation and 11 complex mechanization enterprises, a certain number of automated and mechanized plants; automatic, semiautomatic and mechanized production lines; automatic and semiautomatic machines, etc. The Gor'kovskiy (Gor'kiy) sovnarkhoz has established a technological projects and scientific research institute for

Card 2/4

SOV/118-59-2-1/26

Sovnarkhozes and the Automation of Industrial Processes

the development of new technological processes, and for the construction and adjustment of new equipment for the mechanization and automation of enterprises. Analogous organizations have been established by the Krasnodarskiy (Krasnodar), Chuvashskiy (Chuvash), Krasnoyarskiy (Krasnoyarsk), Smolenskiy (Smolensk) and Magadanskiy (Magadan) sovnarkhozes. The author suggests that the technical supervision be carried out by the Tsentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii Gosplana SSSR (Central Scientific Research Institute of Complex Mechanization of the USSR Gosplan) and the Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR (State Scientific Engineering Committee of the USSR Council of Ministers). Projects institutions should be established above all in Ulan-Ude, Kursk, Khabarovsk, Ufa, Stalino, Stavropol', Kemerovo, Lipetsk, Kuybyshev, Rostov, Belgorod, Lugansk, Zaporozh'ye, Tyumen', Omsk, Yaroslavl',

Card 3/4

Sovnarkhozes and the Automation of Industrial Processes

SOV/118-59-2-1/26

Penza, Yuzhno-Sakhalinsk, etc. The author criticizes the inefficient assembly work of the following trusts, which are installing control and measuring devices and automation means: "Teplokontrol'", "Neftekhimmontazh", "Promstroyavtomatika" and of 2 provincial enterprises - the "Yuzhmetallurgavtomatika" and the "Uralmetallurgavtomatika" (both departments of the "Energochermet" Trust). The following plants are blamed for not having introduced automation and mechanization: "Azovstal'", Kramatorskiy stankostroi-tel'nyy zavod (the Kramatorsk Machine Construction Plant), Shadrinskiy avtoagregatnyy zavod (the Shadrinsk Autocar Outfit Plant) of the Kurganskiy (Kurgansk) sovnarkhoz. Many enterprises of the Krasnodarskiy (Krasnodar) sovnarkhoz are still using labor-consuming, non-effective manual labor, particularly in loading and unloading operations.

Card 4/4

RAUZIN, Ya.R.; VELIKANOV, A.V.; GORDYUK, Yu.V.; SHUR, Ye.A.

Investigating the structure and properties of rails hardened  
along their entire length by induction heating. Stal' 25  
no.12:1122-1126 D '65. (MIRA 18:12)



I 8402115 400 - 440 - 441 - 442 - 443 - 444 - 445 - 446 - 447 - 448 - 449 - 450 - 451 - 452 - 453 - 454 - 455 - 456 - 457 - 458 - 459 - 460 - 461 - 462 - 463 - 464 - 465 - 466 - 467 - 468 - 469 - 470 - 471 - 472 - 473 - 474 - 475 - 476 - 477 - 478 - 479 - 480 - 481 - 482 - 483 - 484 - 485 - 486 - 487 - 488 - 489 - 490 - 491 - 492 - 493 - 494 - 495 - 496 - 497 - 498 - 499 - 500 - 501 - 502 - 503 - 504 - 505 - 506 - 507 - 508 - 509 - 510 - 511 - 512 - 513 - 514 - 515 - 516 - 517 - 518 - 519 - 520 - 521 - 522 - 523 - 524 - 525 - 526 - 527 - 528 - 529 - 530 - 531 - 532 - 533 - 534 - 535 - 536 - 537 - 538 - 539 - 540 - 541 - 542 - 543 - 544 - 545 - 546 - 547 - 548 - 549 - 550 - 551 - 552 - 553 - 554 - 555 - 556 - 557 - 558 - 559 - 560 - 561 - 562 - 563 - 564 - 565 - 566 - 567 - 568 - 569 - 570 - 571 - 572 - 573 - 574 - 575 - 576 - 577 - 578 - 579 - 580 - 581 - 582 - 583 - 584 - 585 - 586 - 587 - 588 - 589 - 590 - 591 - 592 - 593 - 594 - 595 - 596 - 597 - 598 - 599 - 600 - 601 - 602 - 603 - 604 - 605 - 606 - 607 - 608 - 609 - 610 - 611 - 612 - 613 - 614 - 615 - 616 - 617 - 618 - 619 - 620 - 621 - 622 - 623 - 624 - 625 - 626 - 627 - 628 - 629 - 630 - 631 - 632 - 633 - 634 - 635 - 636 - 637 - 638 - 639 - 640 - 641 - 642 - 643 - 644 - 645 - 646 - 647 - 648 - 649 - 650 - 651 - 652 - 653 - 654 - 655 - 656 - 657 - 658 - 659 - 660 - 661 - 662 - 663 - 664 - 665 - 666 - 667 - 668 - 669 - 670 - 671 - 672 - 673 - 674 - 675 - 676 - 677 - 678 - 679 - 680 - 681 - 682 - 683 - 684 - 685 - 686 - 687 - 688 - 689 - 690 - 691 - 692 - 693 - 694 - 695 - 696 - 697 - 698 - 699 - 700 - 701 - 702 - 703 - 704 - 705 - 706 - 707 - 708 - 709 - 710 - 711 - 712 - 713 - 714 - 715 - 716 - 717 - 718 - 719 - 720 - 721 - 722 - 723 - 724 - 725 - 726 - 727 - 728 - 729 - 730 - 731 - 732 - 733 - 734 - 735 - 736 - 737 - 738 - 739 - 740 - 741 - 742 - 743 - 744 - 745 - 746 - 747 - 748 - 749 - 750 - 751 - 752 - 753 - 754 - 755 - 756 - 757 - 758 - 759 - 760 - 761 - 762 - 763 - 764 - 765 - 766 - 767 - 768 - 769 - 770 - 771 - 772 - 773 - 774 - 775 - 776 - 777 - 778 - 779 - 780 - 781 - 782 - 783 - 784 - 785 - 786 - 787 - 788 - 789 - 790 - 791 - 792 - 793 - 794 - 795 - 796 - 797 - 798 - 799 - 800 - 801 - 802 - 803 - 804 - 805 - 806 - 807 - 808 - 809 - 810 - 811 - 812 - 813 - 814 - 815 - 816 - 817 - 818 - 819 - 820 - 821 - 822 - 823 - 824 - 825 - 826 - 827 - 828 - 829 - 830 - 831 - 832 - 833 - 834 - 835 - 836 - 837 - 838 - 839 - 840 - 841 - 842 - 843 - 844 - 845 - 846 - 847 - 848 - 849 - 850 - 851 - 852 - 853 - 854 - 855 - 856 - 857 - 858 - 859 - 860 - 861 - 862 - 863 - 864 - 865 - 866 - 867 - 868 - 869 - 870 - 871 - 872 - 873 - 874 - 875 - 876 - 877 - 878 - 879 - 880 - 881 - 882 - 883 - 884 - 885 - 886 - 887 - 888 - 889 - 890 - 891 - 892 - 893 - 894 - 895 - 896 - 897 - 898 - 899 - 900 - 901 - 902 - 903 - 904 - 905 - 906 - 907 - 908 - 909 - 910 - 911 - 912 - 913 - 914 - 915 - 916 - 917 - 918 - 919 - 920 - 921 - 922 - 923 - 924 - 925 - 926 - 927 - 928 - 929 - 930 - 931 - 932 - 933 - 934 - 935 - 936 - 937 - 938 - 939 - 940 - 941 - 942 - 943 - 944 - 945 - 946 - 947 - 948 - 949 - 950 - 951 - 952 - 953 - 954 - 955 - 956 - 957 - 958 - 959 - 960 - 961 - 962 - 963 - 964 - 965 - 966 - 967 - 968 - 969 - 970 - 971 - 972 - 973 - 974 - 975 - 976 - 977 - 978 - 979 - 980 - 981 - 982 - 983 - 984 - 985 - 986 - 987 - 988 - 989 - 990 - 991 - 992 - 993 - 994 - 995 - 996 - 997 - 998 - 999 - 1000

AUTHOR: Velikanov, A. V., Russian. (A. V.)

TITLE: Microscopic examination of the plastic deformation of alloyed iron and steel.

SOURCE: Fizika metallov i metallovedeniye, v. 19, no. 5, 1965, 752-768.

TOPIC TAGS: microscopic examination, alloyed iron, ferroalloys, ferro-

ABSTRACT: The plastic deformation that occurs in the alloyed iron of a metal is the most important link in the process of its fracture and fatigue.

ACCESSION NR: AF5013814

...ures of the alloyed iron is extremely small, well below the grain size  
in the confines of individual grains. No qualitative difference between the types

L 56072-65

ACCESSION NO: AP5013814

... ferrite. Low dynamic deformation ... high dynamic

... table.

... (U.S. Dept. of Railroad Transport)

SUBMITTED: 08/19/64

NO REF SOV: 010

... 001

Card 3/3

L 00026-66 EWT(m)/EWP(w)/EWA(g)/T/EWP(h)/EWP(z)/EWP(b) IJP(c) JB

ACCESSION NR: AP5022577

UR/0129/65/000/009/0025/0027

620.17:669.15-194

AUTHOR: Velikanov, A. V.; Raizin, Ya. R.

TITLE: Effect of carbon content on the properties of high-carbon low-alloy steels

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 9, 1965, 25-27

TOPIC TAGS: carbon steel, low alloy steel, impact strength, hardness, fatigue strength, cyclic load

ABSTRACT: The authors present the results of an investigation of the properties of low-alloy chrome-vanadium and manganese steels as a function of their C content (0.38 to 0.70%). Specimens with fixed hardness ( $H_B$  350 and 450) were obtained by varying the tempering temperature. In the presence of identical hardness, strength also proved to be identical whatever the C content within the range investigated, but the yield point differed. As the C content increases in specimens of low-alloy steels endowed with Brinell hardness of 450 the ratio of yield point to strength increases, whereas in specimens with  $H_B = 350$  this ratio

Card 1/2

L 00026-66  
ACCESSION NR: AP5022577

decreases. The plasticity and impact strength of steels with  $H_B = 350$  and 450 decrease with increasing C content. On the other hand, increasing the C content of these steels (to 0.60-0.65%) favorably affects the increase in fatigue limit. The optimal C content of machine steels depends on the character of loading. If the loading is cyclic, C content should be increased to 0.60-0.65%. In products performing under impact, on the other hand, the C content should be lower (optimally 0.6% C). Orig. art. has: 5 figures, 1 table.

ASSOCIATION: Tsentral'nyy institut zheleznodorozhnogo transporta (Central Institute of Railroad Transport)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, MT

NO REF SOV: 005

OTHER: 000

Chrom-vanadium Steel

Card

dg  
2/2

VELICHANOV, A.V.

Comparative determination of the tendency for thermomechanical fracture in steels. Zav. lab. 31 no.1:108-109 '65.

(TIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.

MAZALOV, Ye.V.; LAVRIKOV, Yu.A.; KUZNETSOV, A.P.; VELIKANOV, A.Ya.,  
kand. ist. nauk, starshiy nauchnyy sotr., nauchnyy red.;  
AZAROV, E.K., red.; LEVONEVSKAYA, L.G., tekhn. red.

[On the road to technological progress, from the work  
experience of the Leningrad party organization, 1951-1961]  
Na putyakh tekhnicheskogo progressa; iz opyta raboty Lenin-  
gradskoi partiinoi organizatsii, 1951-1961 gg. [By] E.V. Mazalov,  
i dr. Leningrad, Lenizdat, 1962. 480 p. (MIRA 16:2)

1. Leningrad. Institut istorii partii. 2. Institut istorii  
partii pri Leningradskom oblastnom komitete Kommunisticheskoy  
partii Sovetskogo Soyuza (for Velikanov).  
(Leningrad Province--Industrial management)  
(Communist Party of the Soviet Union--Party work)

VELIKANOV, D., doktor tekhn.nauk

Trends in the development of the motortruck industry in the U.S.S.R.  
Avt.transp. 39 no.12:13-19 D '61. (MIRA 15:1)  
(Motortrucks--Design and construction)



VELIKANOV, D., doktor tekhn.nauk; LAKHNO, R., kand.tekhn.nauk;  
BERNATSKIY, V., kand.tekhn.nauk

Requirements for the design of motor vehicles used in the  
northern area of the U.S.S.R. Avt. transp. 42 no. 5:38-42  
My '64. (MIRA 17:5)

1. Institut kompleksnykh transportnykh problem Gosplana SSSR.

VELIKANOV, D., doktor tekhnicheskikh nauk.

~~VELIKANOV, D.~~  
Sixth "FISIT" congress. Avt. transp. 34 no.10:36-38  
0 '56.

(MLRA 9:12)

(Rome--Automobiles--Congresses)

DITMAR, A.B., otv.red.; VELIKANOV, D.A., red.; VOSKOBOYNIKOVA, S.M.,  
red.; YAKOVLEV, K.F., red.; PUKHOVTSEVA, A.N., red.; KHODINOVA,  
V.P., tekhn.red.

[Nature and economy of Yaroslavl Province] Priroda i kho-  
ziaistvo IAroslavskoi oblasti. IAroslavl', IAroslavskoe  
knizhnoe izd-vo. Part 2. [Economy] Khosiaziatvo. 1959. 230 p.  
(MIRA 13:10)

(Yaroslavl Province--Economic conditions)

VELIKANOV, D. A.

"Soils of Yaroslavl'skaya Oblast." Sub 12 Feb 47, Soil Inst imeni V. V. Dokuchayev, Acad Sci USSR

Dissertations presented for degrees in science and engineering in Moscow in 1947. *Cand. Geologo-Mineralogical Sci*

SO: Sum No. 457, 18 Apr. 55

USSR/Soil Science - Genesis and Geography of Soils.

J

Abs Jour : Ref Zhur Biol., No 22, 1958, 99983

Author : Velikanoy, D.A.

Inst : Yaroslav Agricultural Institute

Title : Soil-Formation Conditions and Soils in the Yaroslavskaya Oblast'

Orig Pub : Tr. Yaroslavsk. s. 1-1 kh. in-ta 1957, 4, 169-180

Abstract : The following basic soil types are located in the territory of Yaroslavskaya Oblast': sod-podzolic, podzolic, gray forest, sod-podzolic gleyey, peat-podzolic gleyey, dark-colored marshy, dark-colored peat, meadow-alluvial and solonchak soils. Slightly-loamy and averagely-loamy soil varieties predominate. Spills of the watersheds are characterized by considerable rock formations. A majority of the soils of arable utilities is undercultivated.

Card 1/2

- 14 -

VELIKANOV, D.

VELIKANOV, D.

The possibility of using atomic energy in automobiles.

p. 265 (Automobil) Vol. 1, No. 8, Aug. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) IC. - VOL. 7, No. 1, Jan. 1956

*Великанов, Д.*  
VELIKANOV, D., professor.

~~\_\_\_\_\_~~  
Feasibility of utilizing atomic energy in automobiles. Avt. transp.  
35 no. 5: 28-29 My '57. (MIRA 10:6)

1. Institut kompleksnykh transportnykh problem Akademii nauk SSSR.  
(Atomic energy) (Automobiles--Fuel systems)

VELIKANOV, D. P., ANTONOV, A. A., and KLINOVICH, V. I.

Manual on Winter Open-Air Parking of Automobiles, Peoples' Commissariat  
of Municipal Affairs RSFSR, Moscow-Leningrad, 1939.



VELICHNOV, D. F., (Editor)

Instructions for the Driver on Control, Maintenance, and Servicing of Cars,  
Peoples' Commissariat of Communal Affairs RSFSR, Moscow-Leningrad, 1949.

ГА 12Т29

USSR/Trucks - Performance  
Fuel consumption

Jun 1947

"Results of Government Tests on the New GAZ-51  
Motor Truck," D. Velikanov, 4 pp

"Avtomobil'" Vol XXV, No 6

Discussion includes evaluation of construction,  
durability, dependability fuel consumption,  
dynamics and road performance, with graphs.

12Т29

VELIKANOV, D.

9G71

USSR/Automotive Industry 4403

Jul 1947

"Achievements of the Central Scientific Research Institute of Automobile Transport (TsNIIAT)," D. Velikanov, Candidate in Mechanical Sciences, 1 p

"Avtomobil'" Vol XIV, No 7

Discussion of various research projects concerning the nomenclature of garage equipment. The utilization of gas-producing and cylinder automobiles, types of fuel and oil used, and their effect on the efficiency of machine parts. Continual research in these fields projected for 1947.

LC

9G71

PA 16/49T39

USSR/Engineering

Automobiles

Sep 48

Testing and Standardization

"Performance of the GAZ-51 Automobile," D. Velikanov,  
Cand Tech Sci, 4½ pp

"Avtomobil:" No 9

GAZ-51 automobile has been manufactured since 1946  
by Gor'kiy Auto Plant imeni Molotov. Production is  
increasing from month to month and the GAZ-51 will  
soon be one of the commonest cars in USSR.  
Describes performance in detail. Includes seven  
graphs.

16/49T39

VELIKANOV, D. P.  
Velikanov, D. P. "A study of the useful qualities of the GAZ-51 automobile," Sbornik  
nauch. trudov (Tsentr. nauch.-issled. in-t avtomob. transporta),  
Issue 5, 1949, p. 5-59.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

VELIKANOV, D.

Povysit' skorost' avtomobil'nykh perevozok. [To speed up the automotive freight traffic]  
(Avtomobil', 1950, no. 5, p.6-7)

DLC: TL4.A87

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

VELIKANOV, D.P.

LEVIN, D.M., inzhener; OGLOBLIN, P.F., shofer; AFANAS'YEV, L.L., kandidat  
tekhnicheskikh nauk, redaktor; VELIKANOV, D.P., dandidat tekhnicheskikh nauk, retsenzent; POPOVA, S.M., tekhnicheskiiy redaktor.

[Using automobiles in winter] Zimniaia eksploatatsiia avtomobilei.  
Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951,  
115 p. (Automobiles) (MLRA 8:9)

SECRET  
CONFIDENTIAL



CHUDAKOV, Ye.A., akademik; VELIKANOV, D.P.; NAYDENOV, B.F.

Conference on exchange of experience in the use of automobiles in the construction of large-scale hydraulic structures. *Izv.AN SSSR. Otd.tekh.nauk*  
no.7:1076-1077 J1 '53. (MLA 6:3)

(Hydraulic engineering) (Automobiles)

CHUDAKOV, Ye.A., akademik, laureat Stalinskoy premii; VELIKANOV, D.P., kandidat  
tekhnicheskikh nauk.

Dump trucks for the construction projects of the fifth five-year plan. Avt.  
trakt.prom. no.8:10-15 Ag '53. (MLBA 6:8)

1. Avtomobil'naya laboratoriya Akademii nauk SSSR. (Dump trucks)

VELIKANOV, Dmitriy Petrovich.

Inst of Machines Acad Sci USSR, Academic degree of Doctor of Technical Sciences, based on his defense, 10 June 1954 in the Council of the Inst of the Moscow Automobile-Highway Inst imeni Molotov, of his dissertation entitled: "Conditions of exploitation of automobiles and demands for development of their design".

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no 6, 19 Mar 55, Byulleten' MVO SSSR, No. 14, July 56 Moscow pp 4-22, Uncl.  
JPRS/NY-429

VELIKANOV, D.P.

Development of automobile trains and their dynamic characteristics.  
Avt.prom. 29 no.12:23-29 D '63. (MIRA 1":4)

1. Institut kompleksnykh transportnykh problem pri Gosplane SSSR.

VELIKANOV, D. P. (Cand Tech Sci)

Dissertation: "Operating Conditions and the Requirements for Development in the Design of Automobiles." Dr Tech Sci, Moscow Automobile Highway Inst imeni V. M. Molotov, 10 Jun 54. (Vechnyaya Moskva, Moscow, 1 Jun 54)

SO: SUM 318, 23 Dec 1954

USSR/ Scientists - Mechanical engineering

Card 1/1 : Pub. 128 - 34/38

Authors : Stechkin, B. S.; Varshavskiy, I. L.; Velikanov, D. P.; Gol'd, B. V.;  
Kuzel', R. V.; Petrov, V. A.; Fal'kovich, N. S.; and Khrvshchov, M. N.

Title : Academician Evgeniy Alekseevich Chudakov, an outstanding scientist in  
the field of Soviet mechanical engineering

Periodical : Vest. mash. 9, 100-102, Sep 1954

Abstract : A short biography is presented of the life-time activities and achieve-  
ments of Evgeniy Alekseevich Chudakov in mechanical engineering. The  
article was presented on the occasion of the first anniversary of his  
death.

Institution : .....

Submitted : .....

VELIKANOV, D., kandidat tekhnicheskikh nauk.

Operational requirements for automobile designs. Avt.transp.32  
no.1:1-4 Ja '54. (MLRA 7:8)

(Automobiles--Design and construction)

VELIKANOV, D.P., kandidat tekhnicheskikh nauk

Widening the travelled part of roads at the juncture of down grades.

Avt.dor.18 no.5:17-18 S'55.

(MIRA 9:1)

(Roads)



**VELIKANOV, D.P., kandidat tekhnicheskikh nauk.**

**Book on roads for drivers ("Automobile roads", V.F.Babkev. Reviewed  
by D.P.Velikanev). Avt.dor.18 no.6:30-31 0 '55. (MLRA 9:2)  
(Roads)**

VELIKANOV, D.

Construction of automobiles satisfying operation requirements  
under various climatic conditions. Avt.transp.33 no.1:25-28  
Ja'55. (MLRA 8:3)  
(Automobiles--Design and construction)

VELIKANOV, D., doktor tekhnicheskikh nauk

Adapting truck design to operating conditions found in mountainous  
regions. Avt.transp.33 no.7:26-29 J1'55. (MLBA 8:12)  
(Motor trucks)

AYANAS'YEV, L.; VELIKANOV, D.; SABININ, A.

The U.S.S.R.'s superiority in automobile racing during 1955.  
Avt.transp. 33 no.12:27-29 D '55. (MIRA 9:3)  
(Automobile racing)

VELIKANOV, Dmitriy Petrovich, doktor tekhnicheskikh nauk; ILARIONOV, V.A.,  
redaktor; GALAKTIONOVA, Ye.H., tekhnicheskiiy redaktor

[Performance of Soviet automobiles] *Eksploatatsionnye kachestva  
otechestvennykh avtomobilei*. Izd. 2-oe, dop. i perer. Moskva,  
Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 236 p. (MLRA 10:4)  
(Automobiles)

VELIKANOV, D.P.

Assuring the efficient development of automobile construction in the  
U.S.S.R. Trudy lab.dvig. no.2:5-18 '56. (MIRA 9:9)  
(Automobile industry)

VELIKANDV, D.P., doktor tekhnicheskikh nauk.

Sixth Congress of the International Federation of Automobile  
Construction Engineering Societies. Vest. AN SSSR 26 no.10:  
80-81 0 '56. (MIRA 9:11)

(Rome--Automobile industry--Congresses)

VELIKANOV, D., doktor tekhnicheskikh nauk.

The M-21 "Volga" automobile. Avt.transp. 34 no.4:26-29 Ap '56.  
(MLRA 9:8)

1. Predsedatel' Komissii po gosudarstvennyym ispytaniyam opytnykh  
obraztsov avtomobiley "Volga".  
(Automobiles)



LIPGART, Andrey Aleksandrovich, prof.; VELIKANOV, D.P., doktor tekhn.nauk,  
red.; SUKHAREVA, R.A., tekhn.red.

[Prospective features of automobiles and engines to be produced  
in the U.S.S.R.] Perspektivnyi tipazh avtomobilei i dvigatelei  
dlia proizvodstva v SSSR. Moskva, Mosk. dom nauchno-tekhn.  
propagandy im. F.E. Dzerzhinskogo, 1957. 30 p. (Peredovoi opyt  
proizvodstva. Seria "Vnutripromyshlennyi transport," no.2)  
(Automobiles) (MIRA 12:1)

~~VELIKANOV, D. P. (Moscow)~~

~~(DR. PROF.)~~

"A Few Questions of Motor Vehicle Development in the USSR."

paper presented at Fourth Meeting of Motor Vehicle Technology, 4-6 June  
1957, at Technische Hochschule in Dresden.

Die Technik, Vol. 11, Nov. 1957.

VELIKANOV, D., doktor tekhnicheskikh nauk.

Russian automobiles correspond to requirements of national  
economy. Avt.transp. 35 no.7:1-5 J1 '57. (MLRA 10:8)

1. Institut kompleksnykh transportnykh problem Akademii nauk SSSR.  
(Automobile industry)

VELIKANOV, D.

VELIKANOV, D., doktor tekhn.nauk.

Soviet automobile manufacturing. Avt.transp. 35 no.10:10-12  
0 '57. (MIRA 10:10)  
(Automobile industry)

*VELIKANOV, D. P.*

AUTHOR: Velikanov. D. P., Doctor of Technical  
Sciences

30-1-27/39

TITLE: Fourth International Conference on Automobile Engineering  
(4-ya mezhdunarodnaya konferentsiya po avtomobil'noy  
tekhnikе)

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 109-110 (USSR)

ABSTRACT: This conference was arranged by the Technical Chamber of  
the German Democratic Republic at the Automobile Institute  
of the Technical University in Dresden from June 4 to 6,  
1957. Delegations of scientists and engineers of the  
following countries took part: The German Democratic Re-  
public, Hungary, China, Poland, the USSR, the CSR and  
individual specialists from the German Democratic Republic  
and from France. The following reports were delivered and  
discussed: general problems of automobile building and  
-engineering, the development of the theory as well as of  
the construction of piston engines, the rolling of an  
elastic wheel, and the use of plastics for automobile  
bodies. Much interest was also shown in engines with air  
cooling. Tsaluda (Prague) reported on the "high-pressure  
blower" of Diesel engines, which can increase the power of

Card 1/2

Fourth International Conference on Automobile Engineering 30-1-27/39

an ordinary engine by 18%. Lange (Zittau) reported on the series production of carburettor- and Diesel engines for the trucks of the "Robur" works. Biedermann (Dresden) reported on the results of the application of a new apparatus for the investigation of fuel injection. Hintze (Magdeburg) submitted a proposal for the thermodynamic analysis of indicator diagrams. Reichelt (Zwickau) reported on the series production of bodies made of plastics, 1500 such automobiles being produced monthly. D. P. Velikanov (USSR) reported on the development of automobile production in the USSR as well as on their constructional characteristics, as required by ways and climate.

AVAILABLE: Library of Congress  
1. Automobile industry-Conference

Card 2/2

VELIKANOV, D.P. prof., doktor tekhn.nauk, obshchiy red.; SERGEYEV,  
N.M., red.. Prinimeli uchastiye: SHLIPPE, I.S., starshiy  
nauchnyy sotrudnik, red.; KOCHUZLOV, V.P., mladshiy nauchnyy  
sotrudnik, red.. MAL'KOVA, N.V., tekhn.red.

[Improving technical facilities in auto transportation] Voprosy  
razvitiia tekhnicheskikh sredstv avtomobil'nogo transporta. Pod  
obshchai red. D.P.Velikanova. Moskva, Nauchno-tekhn.izd-vo M-va  
avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 166 p.  
(MIRA 12:10)

1. Akademiya nauk SSSR. Institut kompleksnykh transportnykh  
problem.

(Transportation, Automotive)

VELIKANOV, D., doktor tekhn. nauk

Operational requirements of motor vehicles planned for  
production in 1959 to 1965. Avt. transp. 37 no.5:36-41  
My '59. (MIRA 12:8)

1. Institut kompleksnykh transportnykh problem AN SSSR.  
(Motor vehicles--Design and construction)



VELIKANOV, Dmitriy Petrovich, prof., doktor tekhn.nauk; ILARIONOV,  
V.A., red.; NIKOLAYEVA, L.N., tekhn.red.

[Development of facilities for automotive transportation in  
1959-1965] Razvitie avtomobil'nykh transportnykh sredstv v  
1959-1965 gg. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'-  
nogo transporta i shosseinykh dorog RSFSR, 1960. 72 p.

(MIRA 13:7)

(Motor vehicles)

VELIKANOV, Dmitriy Petrovich; SHLIPPE, Igor' Sergeyevich; MIKHAYEV,  
A.P., prof., doktor tekhn.nauk, otv.red.; DROBYSHEV, Yu.G.,  
red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Trends in the development of automotive transportation devices  
in foreign countries] Tendentsii razvitiia avtomobil'nykh  
transportnykh sredstv za rubezhom. Moskva, Izd-vo Akad.nauk  
SSSR, 1960. 87 p. (MIRA 14:2)  
(Transportation, Automotive)

ARTEM'YEV, S.P.; AFANAS'YEV, L.L.; BELOUSOV, I.I.; BENENSON, I.M.; BRONSHEYN,  
L.A.; BUYANOV, V.A.; VELIKANOV, D.P.; VERKHOVSKIY, I.A.; GORINOV,  
A.V.; GOBERMAN, I.M.; DAVIDOVICH, L.N.; DECTELEV, G.N.; ZVONKOV,  
V.V.; KALAMUKHOV, F.V.; KOMAROV, A.V.; KUDRYAVTSEV, A.S.; LIV'YANT,  
Ya.A.; PETROV, A.P.; PETROV, V.I.; TARANOV, A.T.; TIKHOMIROV, N.N.;  
FEDOROV, V.F.; CHUDINOV, A.A.; SHUPLYAKOV, S.I.; YANKIN, Yu.S.

Anatolii Pavlovich Aleksandrov; obituary. Avt.transp. 38 no.9:57  
S '60. (MIRA 13:9)

(Aleksandrov, Anatolii Pavlovich, 1903-1960)

CHUDAKOV, Yevgeniy Alekseyevich, akad.[deceased]; VELIKANOV, D.P., doktor tekhn.nauk, st.nauchn.sotr., ctv.red.; STECHKIN, B.S., akad., red.; BRILING, N.P., red.; ORLIN, A.S. doktor tekhn. nauk, red.; OSIPYAN, A.V., kand.tekhn.nauk, red.; VARSHAVSKIY, I.L. kand.tekhn.nauk, red.; PETROV, V.A., kand.tekhn.nauk, st.nauch. sotr., red.; GOL'D, B.V., st.nauch.sotr., red.; KLENNIKOV, V.M. rad. izd-va; SIMKINA, Ye.N., tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad.nauk SSSR. Vol.1. [Theory of motor vehicles] Teoriia avtomobilia. 1961. 482 p. Vol.2. 1961. 343 p.

(MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Briling) 2. Laboratoriya dvigatelei AN SSSR (for Velikanov, Gol'd, Petrov)  
(Motor vehicles--Dynamics)  
(Motor vehicles--Design and construction)