

ANDREYEV, B.V.; ARTEM'YEV, S.P.; ARKHANGEL'SKIY, V.M.; AFANAS'YEV, L.L.;  
BABKOV, V.F.; BRONSHTEYN, L.A.; BURKOV, M.S.; BURYANOV, V.A.;  
VARSHAVSKIY, I.L.; VELIKANOV, D.P.; VOINOV, A.N.; VYRUBOV, D.N.;  
DORMIDONTOV, A.V.; D'YACHKOV, A.K.; YEFREMOV, V.V.; ZHABIN, V.M.;  
ZELENKOV, G.I.; KALABUKHOV, F.V.; KALISH, G.G.; KRAMARENKO, G.V.;  
KRASIKOV, S.M.; LAKHTIN, Yu.M.; MIKULIN, A.A.; ORLIN, A.S.; OSTROVSKIY,  
N.B.; OSTROVTSOV, A.N.; RUBETS, D.A.; STEPANOV, Yu.A.; STECHKIN, B.S.;  
KHACHATUROV, A.A.; KHOVAKH, M.S.; CHAROMSKIY, A.D.; SHARAPOV, K.A.

Nikolai Romanovich Briling; obituary. Avt.transp. 39 no.4:57  
Ap '61. (MIRA 14:5)

(Briling, Nikolai Romanovich, 1876-1961)

VELIKANOV, Dmitriy Petrovich, prof., doktor tekhn. nauk; SHLIPPE, I.S.,  
red.; BODANOVA, A.P., tekhn. red.

[Operating characteristics of motor vehicles] Eksploatatsion-  
nye kachestva avtomobilei. Moskva, Avtotransizdat, 1962. 398 p.  
(MIRA 16:4)

(Motor vehicles)

VELIKANOV, D.P., doktor tekhn. nauk

Operating characteristics of Soviet-made passenger cars.  
Avt. prom. 29 no.4:23-29 Ap '63. (MIRA 16:6)

1. Institut kompleksnykh transportnykh problem Gosplana SSSR.  
(Automobiles)

VELIKANOV, D.P. (Moskva)

Outline of long-distance motor vehicle roads, *Izv. AN SSSR*,  
Energ. i transp. no. 5:584-586 S-0 '63. (MIRA 16:11)

L 11348-67 EWT(1)/FSS-2 DS  
ACC NR: AP6021541 (A) SOURCE CODE: UR/0281/66/000/003/0143/0149

AUTHOR: Velikanov, D. P. (Moscow); Stavrov, O. A. (Moscow) 19

ORG: none

TITLE: Prospects for using battery-powered electric automobiles

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 3, 1966, 143-149

TOPIC TAGS: motor vehicle, vehicle component, vehicle engineering, vehicle engine, battery driven vehicle, electric motor

ABSTRACT: The electrically powered automobile currently under study in the Soviet Union is comparable to the experimental electrically-driven automobiles being built in England, France, and West Germany. The latter resembles the electrically-driven automobiles produced by the L'vo Bus Plant and used as mail carriers in Leningrad from 1952 to 1958. A table shows the advantages of the alkaline ferronickel battery over the lead-acid battery, and another table shows the advantages and disadvantages of the battery-powered automobile as compared to the gasoline-powered automobile. Orig. art. has: 4 figures and 4 tables.

SUB CODE: 13,091 SUBM DATE: 29Oct65/ OTH REF: 004/

Card 1/1 UDC: 629.113.65

VELIKAILOV, D.P. doctor tekhn. nauk

Requirements of maintenance of Soviet motor vehicles in  
relation to their maintenance and repair. Avt. prom. 31  
no.2:10-13 of '65. (SIRA 18:3)

1. Institsionnaya transportnaya problema.

*VELIKANOV, I. I.*

Name: VELIKANOV, I. I.

Dissertation: Treatment of patients with hypertonic disease by intra-arterial injection of novocaine. (A clinicophysiological study)

Degree: Cand Med Sci

*Defended at*  
Institution: Inst of Physiology, Regional Pathology, and Surgery of the Acad Sci Kazakh SSR

*Publication*  
Defense Date, Place: 1956, Alma Ata

Source: Knizhnaya Letopis', No 47, 1956

VELIKANOV, I.I.

Intra-arterial infusion of novocaine solution in the treatment of hypertension. Izv. AN Kazkh. SSR. Ser. med. i fiziol. no.1:38-49 (MIRA 12:7) '57.

(HYPERTENSION, therapy,  
procaine, intra-arterial admin. (Rus))

(PROCAINE, therapeutic use,  
hypertension, intra-arterial admin. (Rus))



VELIKANOV, I.I.

Simultaneous dynamic arterial oscillography and plethysmography in  
a study of vascular functions. Izv. AN Kazakh.SSR. Ser. med. i fiziol.  
no.133-37 '57 (MIRA 12:7)

(PLETHYSMOGRAPHY,

with dynamic arterial oscillography in funct. exam.  
of blood vessels (Rus))

(OSCILLOMETRY,

with plethysmography in funct. exam. of blood vessels (Rus))

*Definitsiya*

**VELIKANOV, I.I.; KUCHIN, N.N.**

The theory of health resort therapy. Trudy Inst. Kraev. pat. AN Kazakh  
SSR 5:166-171 '57. (MIRA 11:2)  
(HEALTH RESORTS, WATERING PLACES, ETC.)

TOROPKINA, Yu.I.; VELIKANOV, I.I.

Cardiovascular and respiratory function in silicosis. Izv. AN Kazakh.  
SSR. Ser. med. i fiziol. no.1:29-44 '59. (MIRA 13:1)  
(CARDIOVASCULAR SYSTEM) (RESPIRATION) (LUNGS--DUST DISEASES)

VELIKANOV, I.I., kand.med.nauk; MOSHKEVICH, V.S. (Alra-Ata)

Unification of plethysmographic investigations. Vrach. delo no.11:  
59-64 N '61. (MIRA 14:11)

1. Institut krayevoy patologii AN KazSSR.  
(PLETHYSMOGRAPHY)

MOSHKEVICH, V.S.; VELIKANOV, I.I.

Photoplethysmograph with ink registration. Fiziol. zhur. 47 no.11:  
1440-1444 N '61. (MIRA 14:11)

1. From the Kazakh S.S.R. Academy of Sciences Institute of Zonal  
Pathology, Alma-Ata. (PLETHYSMOGRAPHY)

VELIKANOV, I.I.

Comparative evaluation of the therapeutic effectiveness of radon  
and coniferous baths, and physical therapy for patients with  
neuroses in a sanatorium; according to data on a study of the  
nervous system and vascular reflexes. Trudy Inst.kraev.pat.  
AN Kazakh. S.S.R. 11:133-160 '62. (MIRA 16:4)  
(TURKSIB--PHYSICAL THERAPY) (NEUROSES)  
(NERVOUS SYSTEM, VASOMOTOR)

VELIKANOV, K. (Khar'kov)

"Smena" stereoscopic camera. Sov.foto 20 no.10:43 0'60. (MIRA 13:10)  
(Cameras) (Photography, Stereoscopic)

VELIKANOV, K. A., dotsent

Protein fractions in the blood in chronic pyelonephritis.  
(MIRA 15:4)  
Urologia no.2:3-6 '62.

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M. P. Sokolovskiy) Odesskogo meditsinskogo instituta imeni N. I. Pirogova i bol'nitsy Soyuza obshchestv Krasnogo Kresta i Krasnogo Polumesyatsa SSSR v Tegerane.

(KIDNEYS--DISEASES) (BLOOD PROTEINS)



VELIKANOV, K.A.

Treatment of acute renal failure. Urologia 25 no. 5:69-76 S-0 '60.  
(MIRA 14:1)

(KIDNEYS--DISEASES)

*Velikanov, K.A.*  
VELIKANOV, K.A., kand.med.nauk

Treating uremia by gastric lavage. Urologia 22 no.4:25-29 J1-Ag '57.  
(MIRA 10:10)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.P. Sokolovskiy) Odesskogo meditsinskogo instituta imeni N.I.Pirogova (dir. I.Ya.Deyneka)

(UREMIA, therapy,  
abdom. lavage (Rus))

(ABDOMEN,  
lavage in ther. of uremia (Rus))

VELIKANOV, K.A., kand.med.nauk

Surgical technic in multiple and coral nephrolithiases. Urologia  
23 no.2:37-41 Mr-Apr '58. (MIRA 11:4)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.P.  
Sokolovskiy) Odesskogo meditsinskogo instituta imeni N.I.Pirogova.  
(KIDNEYS, calculi  
multiple & coral stones, surg. (Rus))

VBLIKANOV, K.A., kand.med.nauk (Odessa)

Activities of the Odessa Urological Society in 1957. Urologia  
23 no.3:75-76 My-Je '58 (MIRA 11:6 )  
(UROLOGY)

~~VELIKANOV, K.A., dot sent~~

International Congress "Medical Days of the Near and Middle  
East". Urologia 28 no.2:95 Mr-Apr'63. (MIRA 16:6)  
(MEDICINE—CONGRESSES)

VELIKANOV, K.A., dots. (Odessa).

"Acute diseases of the urinary tract" [in Bulgarian ] by Kh. Otsetov.  
Reviewed by K.A. Velikanov. (Urologiia 24 no.1:80-81 Ja-F '59. (MIRA 12:1)  
(URINARY ORGANS--DISEASES)

VELIKANOV, K.A., kand.med.nauk

~~Primary actinomycosis of the kidney. Urologia 23 no.5:54-57  
S-0 '58 (MIRA 11:11)~~

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. M.P. Sokolovskiy) Odesskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova.

(KIDNEY DISEASES, case reports  
actinomycosis (Rus))  
(ACTINOMYCOSIS, case reports  
kidney (Rus))

VELIKANOV, K.A., dotsent

Fibrinolysis in urologic patients. Urologia. 29 no.2:57-66 Mr-Ap  
'64. (MIRA 18:7)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. = prof. M.P.  
Sokolovskiy) Odesskogo meditsinskogo instituta imeni Pirogova.



VELIKANOV, K.A.

Diagnosis of prostatic cancer. Urologia 21 no.2:25-28 Ap-Je '56.  
(MIRA 9:12)

1. Iz kafedry Fakul'tetskoy khirurgii lechbnogo fakul'teta (sav. -  
prof. M.P.Sokolovskiy) Odesskogo meditsinskogo instituta imeni N.I.  
Pirogova (dir. - prof. I.Ya.Deyneka)  
(PROSTATE HYPERTROPHY, diagnosis,  
(Rus))

VELIKANOV, Karp Mironovich. Prinimali uchastie: BARNASHOVA, G.K.;  
GOLDOBIN, M.A.; ZOLOTUKHINA, G.A.; KARANDASHOVA, K.S.;  
OL'KHOV, G.A.; SAVINA, V.N.; FAYERMAN, A.I. SIKHELIN, V.I.,  
inzh., retsenzent; NIKIFOROV, A.F., dotsent, red.; BORODULINA,  
I.A., red.isd-va; SPEKANSKAYA, O.V., tekhn.red.

[Determining the economic efficiency of various methods for  
machining parts] Opredelenie ekonomicheskoi effektivnosti  
variantov mekhanicheskoi obrabotki detalei. Moskva, Mashgiz,  
1961. 211 p. (MIRA 14:12)

(Metal cutting)

VELIZANOV, K.M.

Improving the organization of small-lot production of machinery.  
Trudy LPI no.186:100-105 '56. (MIRA 10:7)  
(Machinery industry) (Efficiency, Industrial)

VELIKANOV, K.M.; KARANDASHOVA, K.S.

Practice in classifying metal-cutting tools; for calculating the  
economic efficiency of part machining. Trudy LIP no.227:79-86  
'63. (MIRA 17:4)

VELIKANOV, K.M.; VLASOV, V.F.

Method for calculating the economic efficiency of substituting the  
machine tooling of parts with a hot stamping. Trudy LIP no.227:  
87-96 '63. (MIRA 17:4)

VELIKANOV, K.M.; YERIMLAYEVA, N.T.

Method of calculating the economic efficiency of the organization  
of an alternating continuous line for making turbine-blade forgings.  
Trudy LPI no.244:74-84 '65.

Calculating the economic efficiency of the technology of the heat  
treatment of metal-cutting tools. Ibid.:85-93 (MIRA 18:5)

VELIKANOV, K.M.; KLEBANER, V.Ya.

Method for calculating the economic efficiency of substituting  
castings with rolled billets. Trudy LIP no.227:97-112 '63.  
(MIRA 17:4)

ANSEROV, Mikhail Aleksseyevich; VELIKANOV, Karp Mironovich; OZERKOVICH, Mikhail Israilevich; ANSEROV, M.A., kand.tekhn.nauk, dotsent, red.; VAKSER, D.B., dotsent, retsenzent; BORODULINA, I.A., red. izd-va; POL'SKAYA, R.G., tokhn.red.

[Increasing labor productivity and lowering production costs in lathe work] Povyshenie proizvoditel'nosti truda i snizhenie zatrat pri tokarnoi obrabotke. Pod obshchei red. M.A. Anserova. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 93 p. (Bibliotekha tokaria-novatora, no.1) (MIRA 12:1)  
(Labor productivity) (Turning)



VELIKANOV, K.M.

Calculating the economic efficiency of new technical methods  
in industry. Trudy LPI no.186:37-51 '56. (MIRA 10:7)  
(Productivity accounting)

VELIKANOV, L. inzh.

Protection from vibration. Okhr. truda i sots. strakh. 3 no.8:62  
Ag '60. (MIRA 13:9)

(Vibration--Physiological effect)

YELENEV, A.; VELIKANOV, L.

Revise the periodic maintenance of motortrucks. Tekh. v  
sel'khoz. 20 no.7:48-49 JI '60. (MIRA 13:9)  
(Motortrucks--Maintenance and repair)

VELIKANOV, L. A. Cand Tech Sci -- (diss) "Study of <sup>rates</sup> ~~the~~ performance of automobiles with increased passing capacity (GAZ-63) under conditions of agricultural production." Mos, 1959. 25 pp (Min of Agriculture USSR. Mos Inst of Mechanization and Electrification of Agriculture), 150 copies (KL, 45-59, 146)

VELIKANOV, L.A., aspirant

Investigating the operating conditions of motortrucks in agriculture.  
Trudy MIMESKH 6F319-343 '59. (MIRA 14:5)  
(Motortrucks)

AGEYEVA, A.P.; AKSENOVA-CHEKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil]Nizhniy Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p. (MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova).
2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya, Nizhniy Tagil (for Velikanov).
3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva).
4. Nachal'nik upravleniya stroitel'stiom Sverdlovskogo sovnoar-khoza (for Girenko).
5. Deyatvitel'nyy chlen Akademii nauk Ukr. SSR, Leningradskiy politekhnicheskii institut (for Danilevskiy).

(Continued on next card)

1. CHUGUNOV, I.Ye.: VELIKANOV, L.P.
2. USSR (600)
4. Forests and Forestry - Don Valley
7. Oldest steppe forest station on the Don. Les i step'. 14, no. 11, 1952.

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





1. CHUBUNOV, I. Ye. VELIKANOV, L. P.
2. USSR (60C)
4. Don Valley - Forests and Forestry
7. Oldest steppe forest station on the Don. Les i step' 14, no. 11, 1952.

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

1. VELIKANOV, L.P'
2. USSR (600)
4. Rostov - Botanical Gardens
7. Work of the Rostov Botanical Garden on shelter-belt forestry. Biul.Glav.bot.sada no.11  
1952

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

KOROVIN, S.Ye.; VELIKANOV, L.P.; ABDULLAYEV, M.A.

New form of large-fruited cherry plum from the western Tien  
Shan. Biul. Glav. bot. sada no.55:123-126 '64. (MIRA 18:11)

1. Glavnyy botanicheskiy sad AN SSSR.

VELIKANOV, Mikhail Andreyevich [deceased]; KALININ, G.P., otv.  
red.; KOZHINA, Z.M., red.

[Land hydrology] Gidrologiia sushi. 5. izd., dop. i perer.  
Leningrad, Gidrometeoizdat, 1964. 402 p. (MIRA 17:9)

VELIKANOV, N. (Chelyabinsk); ZEMTSOV, A.; KAZANTSEV, B. (Leningrad)

Electronic signal light switches. Radio no.4:50-51 Ap '64.  
(MIRA 17:9)

AUTHORS: Popov, A.A., Velikanov, S.S. SOV-127-58-2-3/20

TITLE: Ways to Increase Labor Efficiency in the Mines of the Nikopol'-Manganets Trust (Puti uvelicheniya proizvoditel'nosti truda na rudnikakh tresta Nikopol'-Manganets)

PERIODICAL: Gornyy zhurnal, 1958, Nr 9, pp 22-25 (USSR)

ABSTRACT: Strip mining operations in the Nikopol' manganese basin were introduced in 1952, and since then, owing to especially favorable ground conditions, more and more ore has been extracted by this method. By 1965, 67 % of all mining operations will be by this method. The authors found that in underground mining, although modern equipment was used, there was no increase in labor efficiency. This was caused by bad geological conditions and because the exploited layers were deep and unfavorably located. The authors consider strip mining as the only possible way to increase labor efficiency. There are 6 tables.

ASSOCIATION: Trest Nikopol'-Manganets (The Nikopol'-Manganets Trust)

1. Ores--Production--Effectiveness 2. Mining industry--USSR

Card 1/1

*VELIKANOV, T. I.*

**AUTHOR:** Velikanov, T. I.

**TITLE:** About Losses of Spring Flow at the North of European USSR (O poterakh vesennego stoka na severe Yevropeyskoy chasti SSSR)

**PERIODICAL:** Meteorologiya i Gidrologiya, 1957, No. 1, pp. 19-25 (U.S.S.R.)

**ABSTRACT:** Data are presented on the snow layers, precipitation and water characteristics of the soil, prevailing in the northern regions of European USSR, and the physico-geographical characteristics of the territories in question and an explanation is given of the basic factors affecting the formation of spring flows. The entire territory investigated lies within an excessive humidification zone where humidity concentration in the soil begins with early autumn rains. During the winter season, the humidity increases in the upper layers of the soil due to the migration of humidity. According to P. F. Idzon (1,2) the losses in northern regions should be around 10 - 20 mm; but actual observations showed that the difference between the amount of water in form of snow and precipitation and the flow is approximately ten times greater than the value shown by Idzon. The results of theoretical studies conducted by Ye. G. Popov (3) are listed. It is explained that the distribution of flow losses according to territories depends largely upon the distribution of the vegetation layer. The effect of these factors on the distribution of spring flow losses cannot be considered individually.

Card 1/2

About Losses of Spring Flow at the North of European USSR

The zonality in the distribution of climatic characteristics, as well as the soil and vegetation cover, are instrumental in the distribution of basic flow factors over the given territory. This served as a basis for the preparation of flow loss distribution charts and made possible a territorial forecasting of spring flow. When utilizing these charts for long range forecasting, it must be remembered that they were prepared for comparatively large basins and cannot reflect the physico-geographical characteristics of micro-regions of the territory.

Table, graphs, chart. There are 3 Slavic references.

ASSOCIATION:

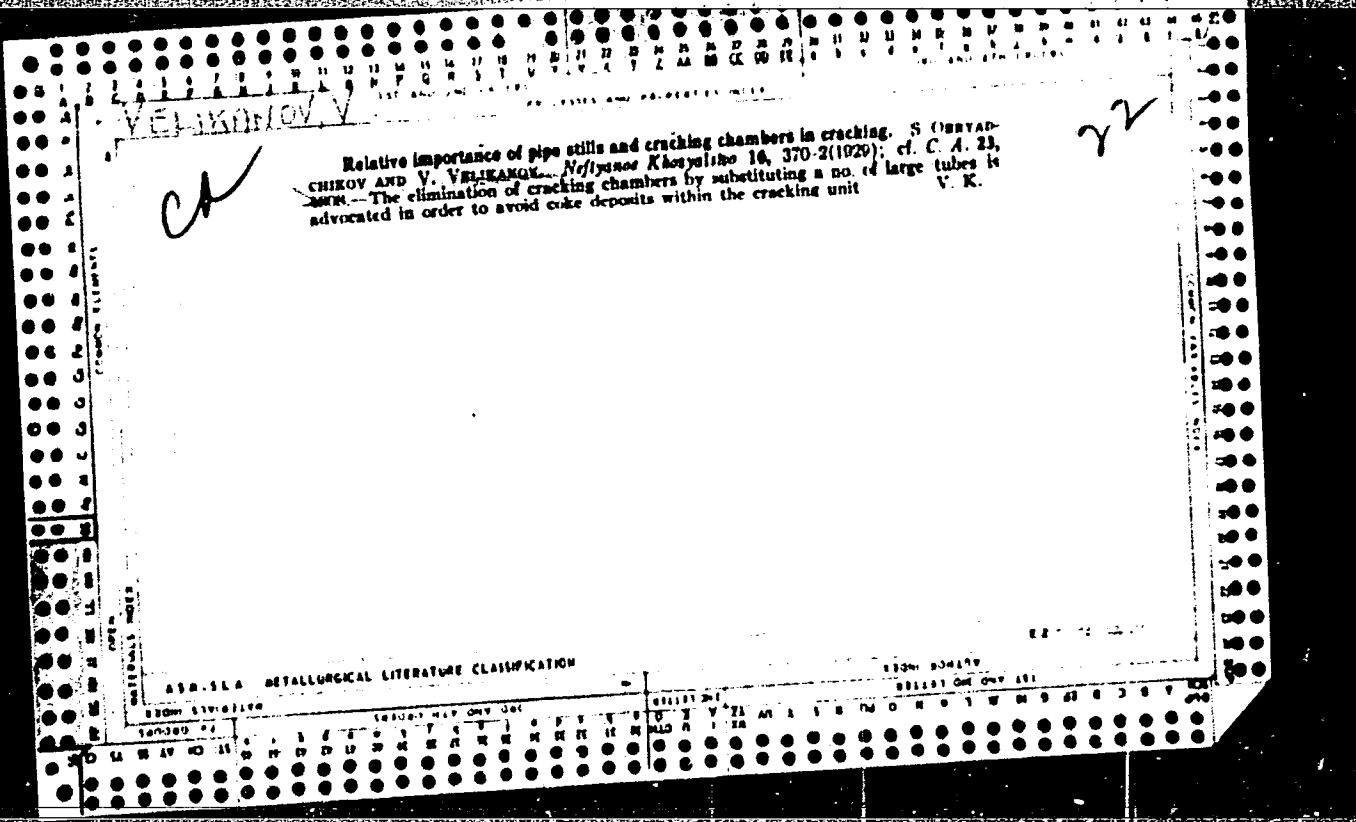
PRESENTED BY:

SUBMITTED:

AVAILABLE:

Card 2/2





VELIKANOV, V.I., inzh.

Laying large-diameter cast-iron pipes in shielded tunnels.  
Vod. i san. tekhn. no.8:33-34 Ag '62. (MIRA 15:9)  
(Pipe, Cast-iron) (Pipe-laying machinery)

VELIKANOV, V.S.

Possibility of daytime observations and altitude measurements  
of stars. Inform.sbor.TSNIMP no.60 Sudovosh.i sviaz' no.15:  
34-38 '61. (MIRA 16:2)  
(Nautical astronomy)

AYRAPITYAN, M.A.; VELIKANOV, V.S.; MAZHNIKOV, Ye.Ya.

Studying the high-frequency heat transfer process in an oil  
layer. Trudy Inst.nefti AN Kazakh.SSR 3:113-124 '59.

(MIRA 13:1)

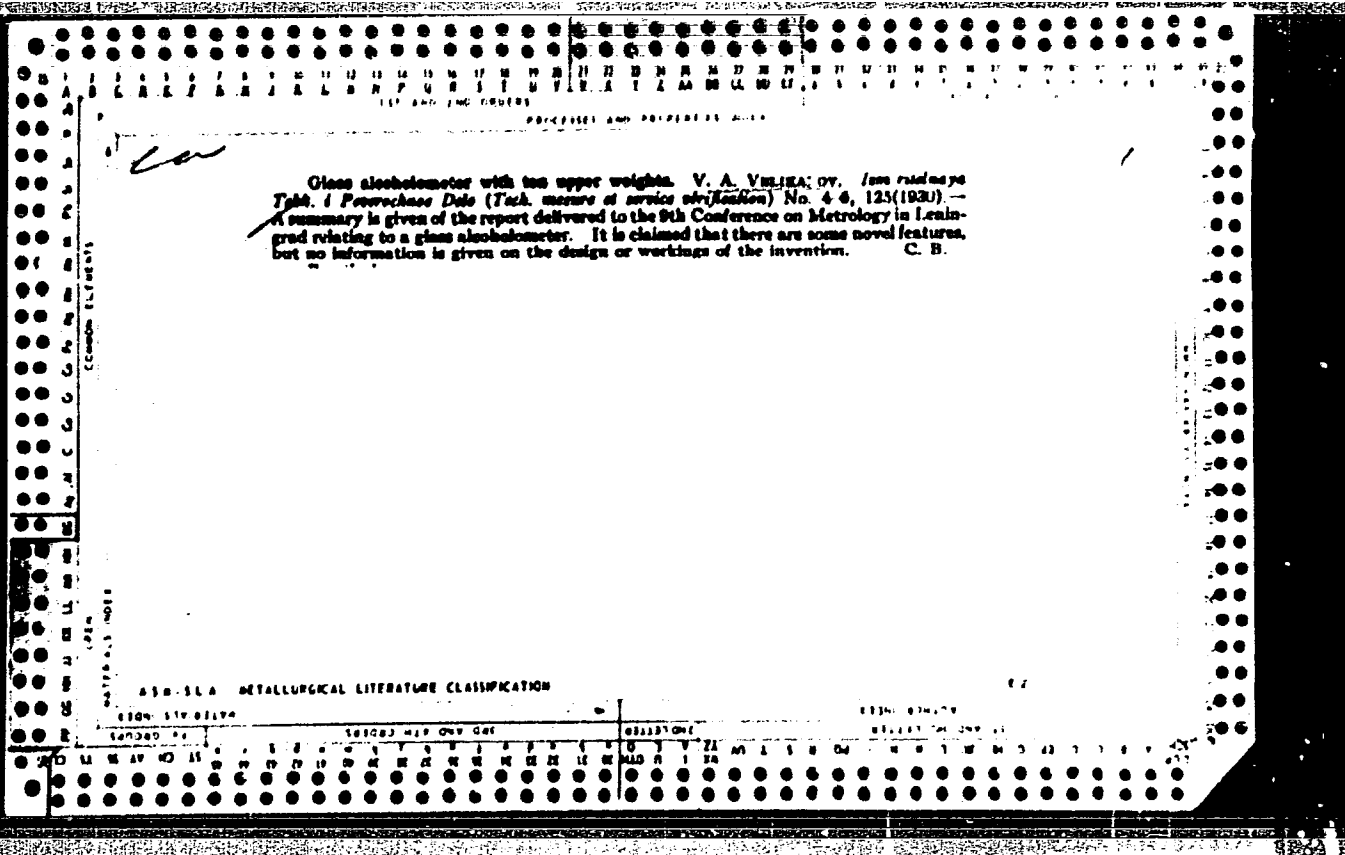
(Oil fields--Electric properties)

FEDOROV, N.N., kand.tekhn.nauk; POPOV, I.V., kand.geogr.nauk; BORSUK, O.N.,  
kand.geogr.nauk; GRUSHEVSKIY, M.S., kand.tekhn.nauk; VELIKANOV,  
M.A., prof., doktor tekhn.nauk, red.(Moskva); URYVAYEV, V.A., otv.  
red.; ALEKIN, O.A., red.; BLIZNYAK, Ye.V., red. [deceased];  
BORSUK, O.N., red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.;  
KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.;  
MANOIM, L.F., red.; MENKEL', M.P., red.; OHLOV, B.P., red.;  
PROSKURYAKOV, A.K., red.; SOKOLOVSKIY, D.L., red.; SPENGLER, O.A.,  
red.; CHEBOTAREV, A.I., red.; CHERKOVSKIY, S.K., red.; SHATILINA,  
M.K., red.; VLADIMIROV, O.G., tekhn.red.

[Transactions of the Third All-Union Hydrological Congress] Trudy  
III Vsesoiuznogo gidrologicheskogo s"ezda. Vol.5. [Section of  
Hydrodynamics and River-Bed Evolution] Sektsiya gidrodinamiki i  
ruslovykh protsessov. 1960. 421 p.

(MIRA 13:11)

1. Vsesoyuznyy gidrologicheskiy s"ezd. 3d, Leningrad, 1957.
2. Gosudarstvennyy gidrologicheskiy inatitut (for Fedorov, Popov).
3. Chlen-korrespondent AN SSSR (for Velikanov).  
(Hydrology--Congresses)



117 AND 119 CODES

PROCESSES AND PROPERTIES INDEX

*ca*

Apparatus for determination of the magnitude of inaccuracy in the volume of a measured liquid. V. A. VUKLAKOV. *Izvestiya Tekhn. i Prikladn. Dada (Tech. measure of service applications) No. 4-6, 194-5(1950).*—V. briefly states some novel features of an app. for detn. of the magnitude of error in the vol. of a measured liquid, as reported to the 9th Conference on Metrology in Leningrad. The design and workings of the app. are not described.

CHAS. BLANC

CONCORD ELEMENTS

COPY

MATERIALS INDEX

A 88-15A METALLURGICAL LITERATURE CLASSIFICATION

117 AND 119 CODES

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	00
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

AUTHOR: Velikanov, K. V.

SOV/56-58-9-12/19

TITLE: I. V. Bogolyubova "Mudflows and Their Distribution Within the Territory of the USSR" Edited by B. L. Zaykov, Gidrometeoizdat (Hydrologic-Meteorological Publishers) L.(Leninrad) 1957 (I. V. Bogolyubova "Selevyye potoki i ikh rasprostraneniye na territorii SSSR". Pod redaktsiyey B. L. Zaykova. Gidrometeoizdat. L. 1957)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 2, pp. 51-52 (USSR)

ABSTRACT: The authoress mentioned in the title has made it her task "to give an account of contemporary conceptions regarding the nature of mudflow phenomena" as well as "to outline the specific characteristics of these processes as functions of a concrete combination of the physico-geographical conditions prevalent in the individual regions of the USSR". A large amount of material has been assembled from the literature, though exclusively from Soviet sources. This has enabled the authoress to give a fairly complete description of mudflow phenomena, mainly from a physico-geographical, but partly also from a dynamic viewpoint. However, the Soviet reviewer thought fit

Card 1/3



D V/50-5-18, 19

I. V. Bogolyubova "Mudflows and Their Distribution Within the Territory of the USSR" Edited by B. D. Zaykov, Gidrometeoizdat (Hydrologic-Meteorological Publishers) L. (Leningrad) 1957

to make some essential remarks with regard to dynamics: 1) The erroneous classification of the phenomena concerned. Structural mudflows do not "flow", but move along an almost straight line, height and width of the flow remaining unchanged. There is no other accounting for the fact, documented by eye witnesses, that the conglomerate mass of the mudflow of the river Darudskii (1949) crushed the walls, of 3 m thickness, of an old fortress, without damaging small bushes beside its track. This conglomerate leaves the canyon with a terrific velocity, and covers along almost all its formation. There is no other accounting for the fact that a pipe, which is still fit for use, was carried 300 m from a destroyed house. The first step in establishing a theory of the movement of such mudflows would be the abandonment of all hydraulic conceptions. On the basis of current notions M. A. Kostikov (IITd All Union Conference on Mudflows, 1950) and G. I. Pleyshman (quoted in the monograph reviewed, Chapter IV, § 5) have conducted equally faulty experiments. Although the Soviet reviewer does not discount the value of Pleyshman's

Card 2/3

SOV/50-58-2-18/19

I. V. Bogolyubova "Mudflows and Their Distribution Within the Territory of the USSR" Edited by G. D. Baykov, Gidrometeoizdat (Hydrologic-Meteorological Publishers) L. (Leningrad) 1957

efforts, Reynold's number, which marks the degree of turbulence must not be mentioned in this connection. The reviewer is at a loss to see why the first two sections of chapter IV should be devoted to the movement of suspended alluvia. To him, the purpose of an introduction of this question into the monograph reviewed is obscure. The reviewer refrains from subjecting the authorens's statements to a more detailed criticism. In its entirety, this monograph certainly is of undeniable value.

Page 3/3

VELIKANOV, P.

Not a single day of delay. Izobr.i rats. no.7:22-23 J1 '59.  
(MIRA 12:11)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobretatoley i  
ratsionalizatorov (VOIR) azotnotukovogo zavoda (g.Rustavi).  
(Rustavi--Efficiency, Industrial)

POPOV, A.A.; VELIKANOV, S.Z.

Ways of increasing labor productivity in mines of the Nikopol'-  
Manganese trust. Gor. zhur. no.9:22-25 S '58. (MIRA 11:10)

1. Trest Nikopol'-Manganets.  
(Nikopol'--Mine management) (Manganese ores)

USSR/Fern Animals - Honey Bee

Q-7

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26261

Author : Nazarov I.A., Volikanov V.F., Mitropol'skiy A.G.

Inst : Not Given

Title : The Management of Bees in Horizontal Hives (Soderzheniye pchel v ul'yakh-lozhkekakh)

Orig Pub : Pchelovodstvo, 1957, No 6, 20-23

Abstract : The results of practical observations made under conditions prevailing in the Azerbaijan SSR, White Russian SSR, and Tambov Oblast' are given.

Card : 1/1

VELIKANOV, V. D., jt. au.

Taking care of the army horse; manual for soldiers and sergeants Moskva, Voen.  
izd-vo, 1948. (Mic 53-555)  
Collation of the original: 83 p.

Microfilm T-13

1. Russia (1923- U.S.S.R.) Kavaleriia- Handbooks, manuals, etc.
- I. Velikanov, V. D , jt. au.

3(4)

AUTHOR:

Velikanov, V. I.

SOV/6-59-6-8/22

TITLE:

Installation of Fixed Points by the Method of Thawing the Ground With Heated Tubes (Zakladka reperov metodom protaivaniya grunta nagretymi trubami)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 6, pp 35-37 (USSR)

ABSTRACT:

In the areas of permanent frost, the specifications for levelings of 1st, 2nd, 3rd, and 4th order of 1957 permit tube fixed points to be installed in boreholes obtained by thawing the ground by means of heated tubes. This method is nearly never used, and the author reports here on the working experience made in this respect by Expedition Nr 41 of the Severo-Zapadnoye aerogeodezicheskoye predpriyatiye (North-west Aerogeodetic Service) which carried out the leveling of 3rd order in the area north of the polar circle (Zapolyariye) in 1948-1950. On the advice of Engineer A. V. Teologov who had already some experience in laying tubes 1.5 m long in these areas, the leveling party of I. P. Bogdanov installed the fixed points in boreholes obtained by thawing the ground by means of tubes heated in fire. It took 6-8 hours to install

Card 1/2

Installation of Fixed Points by the Method of  
Thawing the Ground With Heated Tubes

SOV/6-59-6-3/22

one fixed point and 20 hours including journey and preparation of firewood. The choice of place for the fixed point is of essential importance. Recommendations are given here in this respect. The tools needed for this work are listed, and the execution of work is described in detail. Experience shows that only half the time needed for the usual installation of fixed points is required for this procedure. The levelings of 3rd order and the installation of fixed points (as described here) in 1948-50 were controlled in part by the Novosibirsk AGP in 1953. Results of the control confirmed the good quality of installation and showed no shifting of the fixed points.

Card 2/2



3(4)

AUTHOR:

Velikanov, V. I.

SOV/6-59-3-8/16

TITLE:

On the Work of the Permanent Executive Council at the Moscow Aerogeodetic Enterprise (O rabote postoyanno deystvuyushchego proizvodstvennogo soveshchaniya v Moskovskom aerogeodezicheskoy predpriyatii)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 3, pp 47-50 (USSR)

ABSTRACT:

The Plenary Meeting of the TsK KPSS in december 1957 decided on the establishment of permanent executive councils at enterprises and works. The decision was ratified on July 9, 1958, by the Sovet Ministrov SSSR (Council of Ministers, USSR) and the Vsesoyuznyy Tsentral'nyy Sovet Professional'nykh Soyuzov (All-Union Central Council of Workers' Unions). Such a permanent executive council was established at the Moskovskoye aerogeodezicheskoye predpriyatiye (MAGP) (Moscow Aerogeodetic Enterprise) on May 20, 1958. It consists of 77 representatives of workshops, departments, administration centers, and public organizations. 7 persons were elected in the permanent presidium. The latter has the task of defining the agenda, of informing the council members and all workers as to planned works and adopted decisions and to exert a control on the

Card 1/2

On the Work of the Permanent Executive Council at the SOV/6-59-3-8/16  
Moscow Aerogeodetic Enterprise

practical application of the decisions adopted by the council. As from May 1958 the permanent executive council has dealt with the following problems: internal service, measures to improve planning in the MAGP, topographic and geodetic works within the framework of the 7-year plan from 1959 to 1965. The following measures were decided upon: (1) to improve methods of fixing triangulation centers and marks in regions of everlasting frozen ground, (2) to work out a provisional guide for the use of marking methods, (3) to work out the technology of radiogeodetic methods for surveying works on a scale of 1 : 25,000, (4) to improve the method of measuring with optical range finders, (5) to equip the internal service with modern instruments and devices and to improve the technology of stereophotogrammetric operations.

Card 2/2

VELIKANOV, U.S.

501/2868

PLANS I BOOK EXPLOITATION

11(A)

Abdumalya muk Isakbayev SSR. Institut nauki  
Trudy, t. 3 (Transactions of the Petroleum Institute, Kazakh SSR. Academy  
of Sciences, No. 3) Alma-Ata, Izd-vo M Kazakhbay SSR, 1979. 163 p.  
700 copies printed.

Eds.: M.P. Korotkovskiy and M.Ye. Brailovskaya; Tech. Ed.: Z.P. Buzhikina;  
Editorial Board: M.A. Arapovskiy (Resp. Ed.), V.G. Ben-Nevskiy, T.M.  
Dumngaliyev, and S.A. Zverovskina.

PURPOSE: This book is intended for scientists, engineers, and technicians in  
the petroleum industry.

COVERLINE: This volume contains 15 studies on the petroleum geology of western  
Kazakhstan. The following studies are of special interest: 1) exploration for  
water in the southern part of the region to offset an inadequate water supply; the  
possibility of injecting heated water into oil-bearing formations; the possibil-  
ity of heating the components of an oil-bearing formation in situ; the  
effect of frequency current; the dielectric permeability and the degree of  
saturation of disperse ions for sands of different porosity; the fracturing of  
sandstone and oil saturations; the adsorption of sodium ions on clay  
formations at the Eba oilfields; the adsorption of sodium ions on clay  
formations at the Eba oilfields; the adsorption of sodium ions on clay  
formations at the Eba oilfields; the adsorption of sodium ions on clay  
formations at the Eba oilfields. References accompany individual articles.

Aleshin, V.K. Modes of Occurrence of Paleogene Deposits at the Southern Eba 55

Basin of Northwestern and Western Kazakhstan 51

Kolpakov, K.B., and D.A. Dzhuraffiyants. Certain Hydrogeological Regularities 61

in the Southern Eba Artesian Basin 74

Lolpakov, V.B. Ambient Delta of the Eba River and the Genesis of the Eba 74

of the Eba Region 82

Kolpakov, V.B. Some Problems of Exploration for water in the Eastern Part 82

of the Eba Region 87

Arapovskiy, M.A., V.S. Volynskiy, and Ye.Ye. Makhmurov. Studies of High- 113

Frequency Heating of Oil-bearing Formations 125

Arapovskiy, M.A.; and M.I. Shakhin. Some Results of Studying the  $\epsilon$  and  $\sigma$  of 125

Sands of Different Porosity at Various Degrees of Moisture and Oil 133

Saturation 133

Mashcheryakov, S.V. Mineral Charges for Hydraulic Fracturing of Formations 133

at the Eba Oilfields 143

Zverovskina, S.A., and V.G. Ben-Nevskiy. Adsorption of Sodium Ions in 143

Clays 149

Kaganovskiy, K.A., and S.S. Subbarer. Effect of Electrolytes on the Quality 149

of Clay Suspensions 158

Korotkovskiy, M.P., and I.I. Sheyev. Studies of the Deep Paleozoic Deposits 158

of the Atgubinskoye Priural'ye by the Bitumen Luminescence Method Using 158

Ultraviolet Rays as an Excitation Source

VELIKANOV, U.S.

ABARENKOVA, Ye.A., kand.tekhn.nauk, dotsent; VELIKANOV, Ye.P., student

Methods of preparing monomers and polymers for synthetic fibers  
manufactured for industrial and experimental purposes. Trudy LIEI  
no.36:23-51 '61. (MIRA 15:1)  
(Polymers) (Textile fibers, Synthetic)

BABICHEV, M.A.; VELIMANOVA, A.A.

Effect of manganese content on the resistance of steel to  
abrasive wear. Metalloved. i term. obr. met. no.5:35-37  
My '64. (MIRA 17:6)

1. Institut mashinovedeniya AN SSSR.

BABICHEV, M.A.; VELIKANOVA, A.A.; KRAPOSHINA, L.B.

Effect of manganese on the abrasive wear of steel with one per  
cent carbon content and of iron alloys. Tren.i izn.mash.  
no.15:11-30 '62. (MIRA 15:4)  
(Manganese) (Steel--Testing) (Iron alloys--Testing)

VELIKANOVA, A.A.

Testing the wear of materials of soil-cutting blades by means  
of inserts under field conditions. Tren.i isn.mash. no.15:78-84  
'62. (MIRA 15:4)

(Mechanical wear--Testing)

POPOV, V.V.; VELIKANOVA, K.M.

Increasing the accuracy of the reverse turn of the inverted  
crystalline lens by marking it. Nauch.dokl.vys.shkoly; biol.nauki  
no.4:50-54 '62. (MIRA 15:10)

1. Rekomendovana kafedroy embriologii Moskovskogo gosudarstvennogo  
universiteta im. M.V.Lomonosova.  
(CRYSTALLINE LENS)



VELIKANOVA, K.M.

Factors responsible for the division of a regenerating crystalline lens into its epithelial and fibrous parts. Dokl. AN SSSR 149 (MIRA 16:3)  
no.2:472-474, Mr '63.

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
Predstavleno akademikom I.I.Shmal'gauzenom.  
(Crystalline lens)

0913 7473

L 33326-66 EXT(m)/EXP(j) IIP(c) RU

ACC NR: AP6021772

SOURCE CODE: UR/0413/66/000/012/0032/0032

INVENTOR: Shatalov, V. P.; Velikanova, L. A.; Volovodov, A. I.; Kovrizhko, I. P.; Kudryavtsev, L. D.; Sotnikov, I. F.; Kozlova, M. N. 32

ORG: none

TITLE: Catalyst for the hydrogenation of ethylbenzene to styrene. Class 12, No. 182697 [announced by Voronezh Synthetic Rubber Plant in S. M. Kirov (Voronezhskiy zavod sinteticheskogo kauchuka)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 32

TOPIC TAGS: dehydrogenation, ethylbenzene, styrene, improved catalyst

ABSTRACT: An Author Certificate has been issued for an improved catalyst for the dehydrogenation of ethylbenzene to styrene. To increase the activity and mechanical strength of iron, chromium, potassium and calcium oxide-based catalyst, the method provides for the addition of 5-10% magnesium oxide to the composition. [80]

SUB CODE: 07/ SUBM DATE: 17May65/ ATD PRESS: 5026

Card 1/1 ULR

UDC: 66.094.187.3

VELIKANOVA, A.A.

FRASE I BOOK REVELATIONS 800/3133

Garmov, I.V., and B. S. Korzhich, Eds. eds.
Sibon monomer dlya proizvodstva sinteticheskogo kauchuka (Synthesis of Monomers for the Production of Synthetic Rubber) Izdatel'stvo, Gorki, 1965.
P. 8. Brno sily izosted. 4,500 copies printed.
Spezifitskie i spetsialnyye kachestva (Special Properties of Synthetic Rubber)
I. V. Velikanova. Gorki: Gorkiye izdatel'stvo, 1968. 110 p.

Eds.: S.A. Zolov and Ye. I. Buzi. Eds.: S.A. Zolov.

SYNOPSIS: This book is intended for scientists, engineers and technicians working in the synthetic rubber, plastics, and petroleum refining industries, and in scientific research laboratories affiliated with these industries.
CONTENTS: The book contains articles which report on research carried out at the Kuznetsk-Leningradskiy Institute of Synthetic Rubber and the Kuznetsk-Leningradskiy Institute of Synthetic Rubber (Kuznetsk-Leningradskiy Institut Sinteticheskogo Kauchuka) and the Gorki Institute of Synthetic Rubber (Gorki Institut Sinteticheskogo Kauchuka) (State Scientific Research and Design Institute of the Synthetic Rubber Industry) in the synthesis of isoprene, styrene, acrylonitrile, acrylate, and other initial products for synthetic rubber production. The articles also discuss methods of extracting these products from their preparatory media. No personal titles are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

Synthesis of Monomers (Cont.) 800/3133
A. Koshch, I.S., V.J. Vinogradov, and L.A. Kozlovskaya. Separation of Mono Hydrocarbons by Chemisorption With Mono-Pyridine Solutions of Salts of Benzothiazol-Copper. Report II. Separation of Ethylol With Copper Salts of Substituted Pyridine 98
A. Koshch, I.S., V.J. Vinogradov, and V.J. Labukhin. Separation of Mono Hydrocarbons by Chemisorption With Mono-Pyridine Solutions of Salts of Benzothiazol-Copper. Report III. Separation of Isoprene With Copper Salts of Substituted Pyridine 99
A. Koshch, I.S., V.J. Vinogradov, and V.J. Labukhin. Separation of Mono Hydrocarbons by Chemisorption With Mono-Pyridine Solutions of Salts of Benzothiazol-Copper. Report IV. Separation of Isoprene With Copper Salts of Substituted Pyridine and the Purification of Hydrocarbons From Pyridine Salts. Part 2. S.G. Gerasimov, and A.E. Pashchikov. Explanation of the Role of Benzothiazol in the Contact Process of Purifying Ethylol From Alcohol With the Use of Benzothiazol Tagged With Radioactive Carbon-14 100
M.K. Lyuzov, Ye.V., and I.S. Kozlov. Development of a Method of Separating Methanol From an Alcohol-Water Mixture 101
M.K. Lyuzov, Ye.V., and I.S. Kozlov. Separation of Hydrocarbons and Other Substances From a Condensate by the Extraction Method 102
V. Korobov, B.J., B. Zhurav, M.Y. Litovskiy, E.J. Gerasimov, and I.S. Vinogradov. Development of an Industrial Method of Producing G-Methyl Styrene by the Hydrogenation of Isopropyl Benzene in an Adiabatic Reactor 103
B. Zhurav, V.Z., and L.A. Kozlovskaya. Catalytic Dehydrogenation of Ethyl Benzene into Styrene. Report I. 104
B. Zhurav, V.Z., V.J. Vinogradov, M.Y. Litovskiy, and Ye.J. Gerasimov. Joint Production of Acetylene and Ethylene by the Pyrolysis of Hydrocarbons 105
B. Zhurav, V.Z., V.J. Vinogradov, A.J. Davydov, E.J. Gerasimov, L.I. Komarova, M.Y. Litovskiy, M.Y. Litovskiy, Ye.J. Gerasimov, S.K. Zhurav, and Ye.J. Zhurav. Separation of Acetylene From Pyrolysis Gases by Absorption With Diamethyl Formamide 106
-0000-7/6

S/064/60/000/01/06/024  
B022/B008

S.3300

AUTHORS: Shatalov, V. P., Velikanova, L. A.

TITLE: Experiments for the Increase of the Selectivity and Effectiveness of a Styrene Contact

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 1, pp. 31 - 33

TEXT: In order to improve dehydrogenation of ethyl benzene on a styrene contact, the activity of the catalyst with various types of the production of some of its components, i.e., ZnO and Al<sub>2</sub>O<sub>3</sub>, was investigated in the paper under review. The catalyst samples were tested in a laboratory- and industrial contact furnace. ZnO was obtained either from the hydrate or by burning of metallic zinc according to GOST 202-41. The laboratory- (Table 1) as well as the industrial experiments (Figs. 1-3) showed that a quick decline of selectivity was observed in the case of catalysts which contain ZnO produced by the second method mentioned. Al<sub>2</sub>O<sub>3</sub> was produced 1) by reaction of industrial Al(OH)<sub>3</sub> with NaOH, 2) with KOH, 3) with HNO<sub>3</sub>,

Card 1/2

80126

Experiments for the Increase of the Selectivity and Effectiveness of a Styrene Contact S/064/60/000/01/06/02.1  
B022/E008

4) by annealing aluminum-ammonium sulfates at high temperatures. The  $Al_2O_3$  produced according to process 4) showed the highest catalytic activity (styrene yield of up to 92.6%, Table 2). The effectiveness of the various modifications of  $Al_2O_3$  was evaluated on the basis of their reinforcing properties in SKS-30 and SKS-30AM butadiene-styrene rubber (Table 3). There are 3 figures, 3 tables, and 2 references, 1 of which is Soviet. X

Card 2/2

S/064/61/000/008/002/003  
B103/B208

AUTHORS: Shatalov, V. P., Velikanova, L. A.

TITLE: Production of alpha-methyl styrene by catalytic  
dehydrogenation of isopropyl benzene

PERIODICAL: Khimicheskaya promyshlennost', no. 8, 1961, 12 - 13

TEXT: The authors predict a considerable increase of  $\alpha$ -methyl styrene production within the next years. The product is to be obtained by dehydrogenation of isopropylbenzene. The authors describe studies by M. N. Shendrik (Byulleten' po obmenu opytom v promyshlennosti SK i SS, No. 10 (1953) and T. Bewley, B. E. Bowen, G. W. Jackson (British patent 670444, 1952; Chem. Abstr., 47, 5491 (1953)) which deal with the search for a sufficiently efficient catalyst for the purpose mentioned. Two catalysts were tested during the experiments, which are used in styrene synthesis: a) on the basis of iron oxide (in per cent:  $Fe_2O_3$  87,  $Cr_2O_3$  5,  $K_2O$  8) and b) styrene contact ( $ZnO$  79.5,  $MgO$  5.0,  $Al_2O_3$  5.5,  $CaO$  5.0,  $K_2SO_4$  2.5,  $K_2CrO_4$  2.5). The methods were analogous to those used for dehydrogenation of ethyl benzene to styrene, according to V. P.

Card 1/4

S/064/61/000/008/002/003  
B103/B208

Production of alpha-methyl ...

Shatalov, L. A. Velikanova (Khim. prom., No. 1, 31 (1960)). The weight ratio of isopropyl benzene : water vapor was nearly always 1 : 3, the volume rate of the contact gas 0.25 and 0.5 hr<sup>-1</sup>. Before work was started, the catalyst was used six times for 1hr at 650°C for contacting isopropyl benzene, and then regenerated by means of a vapor-air mixture. During the study, the authors usually desisted from a regeneration of the catalyst. The process was carried out within 12 - 62 days. The effect of the catalyst was determined every 24 hr. The following products are obtained with catalyst a): *o*-methyl-styrene as main product, styrene, benzene, CO<sub>2</sub>, propylene, H<sub>2</sub>, CH<sub>4</sub> and a small amount of products which are not distillable at a residual pressure of 20 mm Hg ("dry residue"). At a volume rate of propyl benzene of 0.5 hr<sup>-1</sup> and a dilution by vapor of 1 : 3, the yield of *o*-methyl styrene was 93-94% (referred to the decomposed isopropyl benzene which was contained in the catalyzate to about 39%). The process took place at about 530°C. The undistillable residue amounted to hundredths per cent; benzene 0.3%, styrene up to 8.9%, the contact gas contained 6.6 - 8.9% CO<sub>2</sub>, up to 1.2% CH<sub>4</sub>, and up to 0.2% propylene. The amount of by-products increases very slowly with the time of catalyst

Card 2/4

S/064/61/000/008/002/003  
B103/B208

Production of alpha-methyl ...

application. A decrease of the volume rate of isopropyl benzene to  $0.25 \text{ hr}^{-1}$  increases the  $\text{CO}_2$  content in the contact gas and the content of the dry residue in the catalyzate. The composition of the resultant products is hardly changed by regeneration of the catalyst. When catalyst b) was used (it was obtained from zinc oxide prepared via the hydrate, and from  $\text{Al}_2\text{O}_3$  from aluminum ammonia alum), the same products resulted as with catalyst a). The highest yield of  $\alpha$ -methyl styrene (92%) is obtained at a volume rate of  $0.5 \text{ hr}^{-1}$  (dilution by vapor 1 : 3). In this case 37.0%  $\alpha$ -methyl styrene at most was contained in the catalyzate. The process took place at  $590^\circ\text{C}$ . In the case of b), some of the by-products are formed in higher quantities than with a): the dry residue - up to tenths per cent,  $\text{CH}_4$  2.0%,  $\text{CO}_2$  and propylene about as much as with a). The yields of styrene and benzene are lower with b). The formation of by-products slowly increases with time also in this case. The  $\text{CO}_2$  amount in the contact gas and the content of the undistillable residue in the catalyzate likewise increased with decreasing volume rate. When b) was used, ethylene was formed in addition; the yield of  $\alpha$ -methyl styrene drops. When isopropyl benzene is less diluted with water vapor, an undesirable effect

Card 3/4



Production of alpha-methyl ...

S/064/61/000/008/002/003  
B103/B208

is brought about: the CO<sub>2</sub> content rapidly increases. Higher dilution of isopropyl benzene than 1 ? 3 gives rise to rapid deactivation of the catalyst. It is stated in conclusion that the dehydrogenation on catalysts a) and b) proceeds very selectively and with good yields. Isopropyl benzene is dehydrogenated on a) at a lower temperature and with higher selectivity. Neither a) nor b) need be regenerated. In the analysis of gaseous products the device by Ors is used. There are 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to English-language publications see in the body of the abstract.

Card 4/4

SHATALOV, V.P.; VELIKANOVA, L.A.

Production of  $\alpha$ -methylstyrene by the catalytic dehydrogenation  
of isopropylbenzene. Khim.prom. no.8:530-531 Apr '61. (MIRA 14:3)  
(Styrene) (Cumene)

SHATALOV, V.P.; VELIKANOVA, L.A.

Experiments for increasing the selectivity and activity of  
styrene-process catalysts. Khim.prom. no.1:31-33 Ja-F '60.

(Styrene)

(Catalysis)

(MIRA 13:7)

VELIKANOVA, L. K. Cand Biol Sci -- (diss) "Tissue receptors of osmoregulative reflexes." Novosibirsk, 1955. 9 pp 20 cm. (Acad Med Sci USSR. Inst of Normal and Pathol. Physiology), 150 copies  
(KL, 7-57, 105)

21

VELIKANOVA, L.K.

Effect of section of the spinal cord on water secretion by the kidneys [with summary in English]. *Biul. eksp. biol. i med.* 44 no. 11:62-64 N '57 (MIRA 11:11)

1. Iz kafedry fiziologii (zav. - chlen-korrespondent AMN SSSR A.G. Ginetsinskiy) Novosibirskogo meditsinskogo instituta (dir. - prof. G.D. Zaleskiy). Predstavlena akademikom L.A. Orbeli.  
(SPINAL CORD, physiology,  
eff. of section on urination (Rus))  
(URINATION, physiology,  
eff. of spinal cord section (Rus))

VELIKANOVA, L.K.

Receptors of the osmoregulating reflex [with summary in English].  
Biul.eksp.biol.i med. 45 no.4:21-24 Ap'58 (MIRA 11:5)

1. Iz kafedry fiziologii (zav. - chlen-korrespondent AMN SSSR  
A.G. Ginetinskiy) Novosibirskogo meditsinskogo instituta (dir.-  
prof. G.D. Zaleskiy). Predstavlena akademikom L.A. Orbeli.

(NERVE ENDINGS, physiology

receptors of osmotic pressure variations, localization  
& funct. (Rus))

(OSMOSIS & PERMEABILITY,

osmotic pressure receptors in animals, localization  
& funct. (Rus))

VELIKANOVA , L.K.; FINKINSHTEYN, Ya.D.

Osmoreceptors of the liver. Fiziol.zhur. 45 no.12:1472-1476 D '59.  
(MIRA 13:4)

1. From the Department of Physiology, Medical Institute, Novosibirsk.  
(LIVER physiology)  
(DIURESIS physiology)  
(OSMOSIS)

VELIKANOVA, L.K.

Osmoreceptors of the pelvic extremities. *Eiul. eksp. biol.*  
1 med. 53 no.1:15-17 Ja '62. (MIRA 15:3)

1. Iz kafedry normal'noy fiziologii (zav. - dotsent Ya.D. Finkinshteyn) Novosibirskogo meditsinskogo instituta (dir. - zaoluzhennyi deyatel' nauki prof. G.D. Zalasskiy). Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.  
(OSMOSIS)  
(PELVIS—INNERVATION)



VFLIKANOVA, L.K.; FINKINSHTEYN, Ya.D.

Mechanism of the stimulation of osmoreceptors. *Biul. eksp. biol. i med.* 8 no.8:6-9 Ag '64.

(MIRA 18:3)

1. Kafedra normal'noy fiziologii (zav. - dotsent Ya.D. Finkinshteyn) Novosibirskogo meditsinskogo instituta. Submitted May 27, 1963.

All-Union Sci Res Inst of Oxygen Engineering.

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12  
May 1970.

"Heat-transfer investigation in multilayer vacuum insulation."

KAGANER, M. G.; VELIKANOVA, M. G.; SIDOROVA, L. I.

VELIKANOVA, M.M., professor

Treating ankylosis of the jaw joint by chemical treatment of the joint surfaces in arthroplasty. *Somatologiya* 35 no.5:17-24  
S-O '56 (MIRA 10:4)

1. Iz kafedry chelyustno-litsevoy khirurgii (nav.-prof. M.M. Velikanova) Kiyevskogo instituta usovershenstvovaniya vrachey (dir. I.I. Kal'chenko)  
(TEMPOROMANDIBULAR JOINT--ANKYLOSIS)

BETEL'MAN, Abram Isaakovich, professor; VELIKANOVA, M.M., redaktor;  
GITSHTEYN, A.D., tekhnicheskiy redaktor

[Dental prosthesis; clinical treatment and replacement of teeth and  
rows of teeth] Zubnoe protezirovaniye; klinika i protezirovaniye  
defektov zubov i zubnykh riadov. Kiev, Gos. med. izd-vo USSR, 1956.  
335 p. (MLRA 10:1)

1. Zavednyushchiy kafedroy optopedicheskoy stomatologii Kiyevskogo  
ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im.  
akad. A.A. Bogomol'tsa. (for Betel'man)  
(DENTAL PROSTHESIS)

VELIKANOVA, N. S.

Complex compounds of bivalent platinum with tyrosine.  
 L. M. Volshtein and N. S. Velikanova (E. E. Dzerzhinskii  
 Chem.-Technol. Inst., Moscow, U.S.S.R.), *Zhur. Neorg.  
 Khim.*, No. 1, 48-52 (1963).—Aq. KOH (12 mmoles, C. 3H)  
 and equiv. tyrosine were heated and treated with 3 mmoles of  
 $K_2PtCl_6$  for 2 hrs. Excess undissolved tyrosine (approx.  
 0.5 g.) was filtered off. The filtrate was boiled and 2-3  
 drops of concd. HCl added. More amorphous tyrosine was  
 pptd. Further addn. of concd. HCl (2-3 ml.) pptd. an ap-  
 preciable quantity of dark-brown viscous mass (I), which was  
 allowed to settle. The decanted supernatant liquor was  
 filtered and treated with excess concd. HCl (6-6 ml.), and  
 boiled 2-3 min. On cooling, a yellow cryst. ppt. (II)  
 formed. After filtering, washing with  $H_2O$ ,  $EtOH$ , and  
 $Et_2O$ , it was shown by Pt and Cl analyses to correspond to  
 platinum dichloro-dityrosine,  $Cl_2Pt[NH_2CH(COO)CH_2$   
 $C_6H_4OH]_2$ , with coordinate bonding postulated between the  
 Pt and the two N atoms. The yield was equiv. to about  
 20% of the original  $K_2PtCl_6$ . On treating II with KOH in  
 the cold, or, more rapidly hot, a ppt. of platinum dityrosine,  
 $Pt[NH_2CH(COO)CH_2C_6H_4OH]_2$ , is formed. A ring struc-  
 ture is proposed in which the Pt is linked to the  $COO$  group  
 and (by coordinate linkage) to the  $NH_2$  group. When 0.5  
 g. of II is dissolved in 5 ml. of concd. aq.  $NH_3$ , and boiled  
 for 2 min. and then cooled, platinum dityrosineamine,  
 $(NH_3)_2Pt[NH_2CH(COO)CH_2C_6H_4OH]_2$ , is obtained. It may  
 consist of complex compts. of K with Pt, Cl, and tyrosine.

C. H. Fuchs et al.

RAC 5/50

VOLSHEYN, L.M.; VELIKANOVA, N.S.

Complex compounds of bivalent platinum with tyrosine. Zhur.neorg.khim.  
1 no.1:48-52 '56. (MLRA 9:10)

1.Dnepropetrovskiy khimiko-tekhnologicheskoy institut imeni F.E.Dzerzhinskogo.  
(Platinum compounds) (Tyrosine)

*VELIKANOVA N.S.*

VOISHTEYN, L.M.; VELIKANOVA, N.S.

Cis and trans isomers of bivalent platinum intercomplex salt with  
 $\alpha$ -aminobutyric acid. Zhur. neorg. khim. 2 10:2383-2389 0 '57.  
(MIRA 11:3)

1. Dneprovskiy khimiko-tehnologicheskii institut im. F.E.  
Dzerzhinskogo.

(Platinum) (Isomers) (Butyric acid)

VOLSHTEYN, L.M.; MOGILEVKINA, M.F.; VELIKANOVA, M.S.

New compounds of bivalent platinum with amino acids. Trudy  
DKHTI no.6:3-11 '58 (MIRA 13:11)  
(Platinum compounds) (Amino acids)



VELIKANOVA, T. A., inzh.; SERGEYEV, S. I., kand. tekhn. nauk

Low temperature strain measurement. Trudy VNIKIYASH no. 3:117-  
133 '60. (MIRA 13:9)

(Strain gauges)

05753

SOV/32-25-10-42/63

28 (5)  
AUTHORS: Velikanova, T.A., Sergeyev, S.I.

TITLE: Low Temperature Measurement of Deformations of Loaded Mechanisms  
Zavodskaya laboratoriya, 1959, Vol 25, Nr 10, pp 1252-1254 (USSR)

PERIODICAL:

ABSTRACT:

Tests were carried out for the selection of material for the production of wire transmitters with an electric resistivity, which operate within the temperature interval of -190° to +100°. Under these conditions, the best adhesion to metal was shown by transmitters on a base consisting of a viniflex film, which was pasted on by means of a viniflex adhesive, dried in air, and was polymerized at +180° (for two hours). As a material for the wire of the transmitter a constantan wire (diameter 0.03 mm) of the type NMMts 58.5 - 1.5 (not thermally treated or annealed at 390°) gave the best results. Investigations of the electric resistivity of the transmitter with respect to a variation of the electric resistivity with temperature were carried out on various metal bases and showed (Figure 1) that the transmitters made from annealed wire are considerably more sensitive to temperature than non-pretreated ones. Among other materials used for the production of pressure-measurement transmitters, which were investigated, chromium and

Card 1/2

05753

S07/52-25-10-42/63

Low Temperature Measurement of Deformations of Loaded Mechanisms

nickel alloys with admixtures of other metals were found to be of interest. The sensitivity coefficient of the constantan transmitters remains constant with a measuring error of  $\pm 1.5\%$  within the temperature interval of from  $+100$  to  $-183^{\circ}$  and amounts to 2, so that calibration of the transmitters may be carried out at room temperature. There are 2 figures.

Card 2/2

S/124/62/000/003/051/052  
D237/D302

AUTHORS: Velikanova, T.A., and Sergeyev, S.I.

TITLE: Problems of low-temperature tensometry

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1962, 77,  
abstract 3V591 (Tr. Vses. n.-i. in-ta kislородn.  
mashinostr., 1961, no. 3, 117 - 133)

TEXT: The possibility is verified of the utilization of wire extension indicators in measuring the deformations of metallic parts, performing in low temperature regions up to 190°C. Tested were paper and film extension recorders based on the glue 192-T, film recorders based on carbinol glue, AK-20, БФ-2 (BF-2) glues and on viniflex resin. Thermal properties of annealed and non-annealed constantan wire and tenso-indicators utilizing it, were investigated in the low-temperature region. It was found that most suitable instruments for tensometric recording were those constructed from the non-annealed constantan wire on the viniflex resin, with polymerization at 180°C following the glueing on the tested part. [Abstractor's note: Complete translation].

Card 1/1

✓