

VASILEVSKY, M.N., inzhener; BOCHAROV, K.P., inzhener.

Automatization of the skip hoist installation at the "Shcheglovka" mine  
no.1. Mekh.trud.rab. 7 no.5:10-13 My '53. (MLRA 6:5)  
(Coal-handling machinery)

*Card*  
VASIL'YEVSKIY, M. N.: Master Tech Sci (diss) -- "The perfection and automation of  
lifting equipment with asynchronous drive". Moscow, 1958. 16 pp (Min Higher  
Educ USSR, Moscow Mining Inst im I. V. Stalin), 150 copies (KL, No 1, 1959, 118)

VASIL'YEVSKIY, N. I. and KARAKULIN, B. I.

"Parasitic Imperfect Fungi", Part 2, Melanconiales, Moscow/Leninrad, Press and First Printing: Plant of the Academy of Sciences USSR in Leningrad 680 pp, 1950.

VASSILYEVSKIY, N. I. and Kuchartseva-Ivanova, L. ...

Ascochytiopsis of the Pea and other Legumes, Bolezni Rastenii, Vestnik obshchego  
Fitopatologii Glavnogo Botanicheskogo Sada SSSR, vol. 1, no. 1-2, 1950, pp. 1-11.  
h6h. 8 Z6

SO - SIRA SI 97-53, 15 December 1953

VASILYEVSKIY, N. I. and Bondartsova-Lonteverse, V. A.

Ascochytiopsis of peas, U.S.S.R. Academy of Science Press, Moscow, 1937, 11 pp.  
194.1 BQ4

SO - SIRA SI 90-53, 1 December 1953

5

L 52101-65 EPF(c)/EIT(m)/EWP(j)/T Pc-4/Fr-4 RM

UR/0286/65/000/009/0051/0051

ACCESSION NR: AP5015271

AUTHORS: Arkin, Ye.-S. A.; Chernyy, V. Ya.; Vnukovskiy, Ye. T.; Sorokin, N. A.; Kuvaldin, A. I.; Saryayeva, E. G.; Rysakov, G. V.; Vasilovskiy, P. F.; Stolypin, A. B.; Pautov, A. V.

31  
30  
13

TITLE: A turbomolecular high-vacuum pump. Class 27, No. 170609

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 51

TOPIC TAGS: vacuum pump, turbomolecular vacuum pump

ABSTRACT: This Author Certificate presents a turbomolecular vacuum pump with a 2-stream rotor and an electric drive mounted in the fore-vacuum chamber (see Fig. 1 on the Enclosure). To increase its reliability, efficiency, and the power coefficient, the electric drive consists of two auxiliary high-frequency electric motors of equal power, mounted on the shaft brackets. These motors may be switched in to work together in accelerating the shaft up to its full rpm in a desired period of time, whereupon one of them is disconnected. To strengthen the insulation and to diminish the gas separation, the winding and the core of the electric motor stators are coated with an epoxy resin with a filler of low vapor tension. To diminish the vibrations and to increase the reliability of bearing supports, the latter are

Card 1/3

YANIBORNY, P.P.; JIN YU, Y.Y.; MISHIN, . . .

Controlled by time and heat treatment of heavy metal particles  
in molds. lit. proiz. no. 1:1-3 Ja 1:5. (1964 10:1)

RYZHIKOV, Anton Abramovich, doktor tekhn. nauk, prof.; VASIL'YEVSKIY,  
P.F., kand. tekhn. nauk, retsenzent; CHERNYAK, O.V., inzh.,  
red.; RAGAZINA, M.F., inzh., red.; EL'KIND, V.D., tekhn. red.

[Technological principles of foundry practice] Tekhnologicheskie osnovy liteinogo proizvodstva. Moskva, Mashgiz, 1962.  
527 p. (MIRA 15:3)

(Founding)



VASILEVSKIY, K. P.; KABANOV, V. A.; DERVIZ, T. Ye.

"The strengths and pressure-broadened widths of lines in the  $4J_2 + J_3$  Band of CO<sub>2</sub>."

report presented at the Atmospheric Radiation Symp, Leningrad, 5-12 Aug 64.

LITSHITS, R.I. VASIL'YEVSKIY, V.M., professor, zaveduyushchiy.

Data on the cortical regulation of cardiac reaction to strophanthin and  
adrenaline. Farm. i toks. 16 no.1:15-21 Ja-F '53. (MLBA 6:6)

1. Kafedra normal'noy fiziologii Chelyabinskogo meditsinskogo instituta.  
(Adrenaline) (Strophanthin)

- 1, VASILEVSKIY, V. M.
2. USSR (600)
4. Brain
7. Studies of cortical regulation of physiological processes. Trudy Vses.obshch.fiz. biokhim. i farm. no. 1, 1952.

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

VASIL'YEVSKIY, V.Ye. (Kiyev); ZAKHARENKOV, M.M. (Kiyev)

Construction of an apartment house on filled ground. Osn.,  
fund. i mekh. grun. 4 no.3:18-19 '62. (MIRA 15:7)  
(Kiev--Apartment houses)  
(Soil mechanics)

VASIL'YEVSKIY, V.Ye. (Kiyev); ZAKHARENKOV, M.M. (Kiyev)

Observations on the deformations in the foundation of the  
"Moscow" Hotel in Kiev. Osn., fund. i mekh. grun. 7 no.3:  
25-27 '65. (MIRA 18:6)

DAVYDOV, I.V.; VASIL'YEVSKIY, Yu.I.

Measuring stresses in the reinforcement of spun shell piles.

Gidrotekhnika no.2:140-143 '62.

(MIRA 16:5)

(Piling (Civil engineering))

(Concrete reinforcement—Testing)

VASIL'YEVSKIY, Yu.I.

Graph for testing an annular prestressed cross section for crack-  
resistance. Gidrotekhnika no.2:125-126 '62. (MIRA 16:5)  
(Pre: tressed concrete—Testing)

VASIL'YEVSKIY, Yu.I.

Apparatus for full-scale tests of mooring structures. *Gidrotekhnika*  
no.1:92-94 '61. (MIRA 15:3)  
(Wharves)(Hydraulic engineering--Research)



VASIL'YEVSKIY, Yu.I.

Multiple investigation of spun shell piles. Gidrotekhnika no.2:  
16-27 '62. (MIRA 16:5)  
(Piling (Civil engineering)) (Prestressed concrete—Testing)

MARCHENKO, A.S., inzh.; MAZURENKO, L.V.; VASIL'YEVSKIY, Yu.I.

Full-scale testing of embankment horizontal loading. Transp.  
stroi. 15 no.4:45-47 Ap '65. (MIRA 18:6)

VASIL'YEVIM, V.

From congress to congress. Sel'. stroi. 16 no.9:17-19 S '61.  
(MIRA 14:9)

1. Predsedatel Krasnodarskogo kraymezhkolkhozstroya.  
(Krasnodar Territory--Construction industry)

VASILYUK, M. [Vasyliuk, M.]

Origin of the S.O.S. signal. Znan. ta pratsia no.7:32 J1 '61.  
(MIRA 14:8)

(Signals and signaling)

VASILYUK, M.Z.

Basic trends in the further improvement of the work of shoe  
industry enterprises. Leh. prom. no.3:3-6 JI-S '65. (MIRA 18:9)

VASILYUK, M. Z. [Vasyliuk, M. Z.]

More light industry goods for the population. Leh.prom. no.1:3-4  
Ja-Mr '65. (MIRA 13:4)

VASILYUK, N.F.; GAL'PERIN, L.Yu.; ZAYTSEV, T.F., KARPENKO, S.A.; STEPANENKO,  
A.N.; YAVORSKIY, A.A.; YAKIMUK, P.G., inzhener-mekhanik, redaktor;  
KOZAK, F.Ye., redaktor; CHEREVATSKIY, S.A., tekhnicheskiy redaktor

[Handbook for tractor operators] Spravochnik traktorista. Izd. 5-oe.  
perer. i dop. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1956. 471 p.  
(Tractors) (MIRA 10:4)

BEKHER, R.M.; VASILYUK, N.I.; MAN'KO, O.Ya.

Determination of halides in highly volatile organic substances.  
Zav. lab. 29 no.6:675-676 '63. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut organicheskikh polu-  
produktov i krasiteley, filial v g. Rubezhnoye.  
(Halides) (Organic compounds)



BEKHER, R.M.; VASILYUK, N.I.; MAN'KO, O.Ya.

Determination of halides in highly volatile organic substances.  
Zav. lab. 29 no.6:675-676 '63. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut organicheskikh polu-  
produktov i krasiteley, filial v g. Rubeshnoye.  
(Halides) (Organic compounds)

VASILYUK, N.P. [Vasyliuk, N.P.]

Lower Carboniferous corals of the Lvov trough. Geol. zhur. 24  
no.5:74-76 '64. (MIRA 17:12)

1. Donetskii politekhnicheskii institut.

VASILYUK, N.P.

Tabulata from Upper Carboniferous sediments in the Donets  
Basin. Biul. MOIP. Otd. geol. 38 no.5:75-85 S-0 '63.  
(MIRA 17:1)

1. VASILYIY, Kucher and FUKS, B.
2. USSR (600)
4. Kucher, Vasilii
7. Vasilii Kucher's mail. B. Fuku. Mast.ugl. i no. 8, 1952.

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



VASIL'KOVSKIY, N. P.

PA 17/49T45

USSR/Geology  
Structural Analysis  
Petrology

Jul/Aug 48

"The Relationship of Fold Formation to Magmatic Activity," N. P. Vasil'kovskiy, 8 pp

"Byul Mosk Obshch Ispy Prirody, Otdel Geolog"  
Vol XXIII, No 4

Existing data on problem is scanty. Vasil'kovskiy formulates own views on subject, giving reasons, and dealing with various objections. Includes six sketches.

FDB

17/49T45

VASIL'KOVSKIY N. P.

USSR/Geology  
Volcanology

Oct 1947

"Lower Mesozoic Volcanoes of Southwestern Spurs of  
the Tyan'-Shan," N. P. Vasil'kovskiy, 3 PP

"Dok Akad Nauk SSSR, Nova Ser" Vol LVIII, No 2

Nasledov and other geologists put forth the theory  
that there is continuation of volcanic activity in  
the Lower Mesozoic layers of the Kuraminsk Mountain  
Range. However, no paleontologic data to substanti-  
ate theory. Author explains certain geologic factors,  
which he says should help substantiate the theory that  
such volcanic action does continue to the Lower Meso-  
zoic layer. Submitted by Academician D. V. Nalivkin,  
4 Apr 1947.

FDB

49T15

VASIL'KOVSKIY, N. P.

PA 38T40

USSR/Geology  
Stratification  
Rock Formation

Nov 1947

"Stratigraphy of the Upper Paleozoic Intrusive Rocks  
in Southwestern Tyan'-Shan," N. P. Vasil'kovskiy, 3 pp

"Dok Ak Nauk" Vol LVIII, No 5

Upper Paleozoic intrusions are common for about 30%  
of the Kuraminskiy and Chatkal'skiy Mountain ranges  
as well as the southwestern spurs of the Talasskiy  
Alatay. Author discusses the stratification of the  
Upper Paleozoic intrusions in the southwestern Tyan'-  
Shan regions. Submitted by Academician D. V. Naliv-  
kin, 25 May 1947.

FDB

38T40



VASIL'YEVYKH, I.I.

Paralytic nature of functional disorders in the depressor bulbar  
vasomotor center in death and during restoration of the organism  
to life. Uch. zap. LGU no.239:18-25 '58. (MIRA 12:1)

1.Kafedra fiziologii cheloveka i zhivotnykh Leningradskego  
gosudarstvennogo universiteta.  
(DEATH) (MEDULLA OBLONGATA) (HEMORRHAGE)

BURTSEV, A.D.; SAGUSNYY, V.V.; LUPANOV, B.P.; BOGACHEV, A.F.; SMIRNOV, G.P.;  
ANDRONOVA, Ye.I.; GIZMAYYER, V.E.; PINES, A.V.; SHEVCHUK, R.S.;  
NOSOV, Ye.S.; DOROSHENKO, S.P.; KUGEL', D.B.; ZOLOTNIKOV, N.M.;  
SHPILENKO, A.M.; VASILYUK, A.P.; SVIRIDOV, I.A.

Using exothermic mixtures for heating the heads of steel castings.  
Prom:energ. 15 no.6:14 Je '60. (MIRA 13:7)  
(Founding)

1. The first part of the document is a list of names and titles of the members of the committee.

2. The second part of the document is a list of the names and titles of the members of the committee.

3. The third part of the document is a list of the names and titles of the members of the committee.

VASILYUK, N., direktor.

We rebuild a footwear factory. Leg.prom. 7 no.10:25-26 0 '47.

(MLBA 6:11)

1. Khar'kovskaya obuvnaya fabrika No.5.  
(Kharkov--Shoe industry) (Shoe industry--Kharkov)

YAKIMUK, P.G., inzhener-mekhanik; VASILYUK, N.F.; GAL'PERIN, L.Yu.;  
ZAYTSEV, T.F.; KARPEN'KO, S.A.; STEPANENKO, A.M.; YAVORSKIY, A.A.;  
SHAGOMYALO, V.I., redaktor; GURZHIY, M.Ye., tekhnicheskij redaktor

[Tractor operator's manual] Spravochnik traktorista. Izd. 4-oe,  
perer. i dop. Kiev, Gos. izd-vo selkhoz. lit-ry USSR, 1955. 519 p.  
(Tractors--Handbooks, manuals, etc) (MIRA 9:1)

VASILYUK, N.P.

$C_1^v$ — $C_1^na$  zones of corals in the Donets Basin. Trudy Inst. geol.  
nauk AN URSR Ser. strat.i paleont. no.48:60-103 '64 (MIRA 18:1)

VOYNCVSKIY-KRIGER, K.O.; VASILYUK, N.P.

Paleozoogeographical survey of Carboniferous corals in the U.S.S.R.  
Paleont. zhur. no.2:3-7 '61. (MIRA 14:6)

1. Kazakhskiy politekhnicheskii institut i Donetskiy industrial'-  
nyy institut.

(Corals, Fossil)

VASILYUK, N. P.

"Lower Carbonaceous Coral of the Don Basin." Cand Geol-Mineral Sci,  
Inst of Geological Sciences, Acad Sci Ukrainian SSR, Kiev, 1953. (RZhBiol,  
No 7 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (12)  
SO: Sum. No. 556 24 Jun 55



21

*Co*

Removing phenols from the waste water obtained during gasification of peat. L. M. Nevyzhskaya, K. L. Vasil'eva, P. N. Nikolaev, P. P. Chirkov and L. E. Fedorov. *Khim. Tverdogo Topliva* 8, 286-94(1937).—Waste water, contg. 6-18 g./l. of phenols (as PhOH), was treated with lime and then with live steam. The vapor of water, NH<sub>3</sub>, and phenols was allowed to pass through a bubble tower contg. as absorption agent Ca(OH)<sub>2</sub>, NaOH and their mixt. The NaOH soln. yielded better results than Ca(OH)<sub>2</sub>. In addition to removal of phenols the method yielded Ca(AcO)<sub>2</sub>, an aq. NH<sub>3</sub> soln. and Na phenolates. The semiindustrial layout is described. A. A. Podgorny

COMMON ELEMENTS

MATERIALS INDEX

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

GROUPS

SECTION

SECTION

SECTION

VASILYUK, N.P.

New tetracorals from the lower Carboniferous of the Donets Basin. Paleont.zhur. no.4:85-89 '59. (MIRA 13:6)

1. Donetskiy industrial'nyy institut.  
(Donets Basin--Corals, Fossil)

VASILYUK, N. P.

Dissertation: "Lower Carboniferous Corals of Donets Basin." Land Geol-Min Sci, Inst of Geological Science, Acad Sci Ukrainian SSR, Kiev, 1953. Referativnyy Zhurnal--Soclo iya, Geografiya, Moscow, Jul 54.

SC: SUM No. 350, 25 Jan 1955

VASILYUK, Nina Pavlovna; BONDARCHUK, V.G., akademik, otv.red.;

ZAVIRYUKHINA, V.N., red.izd-va; MATVEYCHUK, A.A., tekhn.red.

[Lower Carboniferous corals in the Donets Basin] *Nizhnecamennougol'nye korally Donetskogo basseina. Kiev, Izd-vo Akad.nauk Ukrainskoi SSR, 1960. 178 p. (Akademia nauk URSR, Kiev. Instytut geologichnykh nauk. Seriya stratigrafii i paleontologii. Trudy, no.13[i.e.31])*

(MIRA 14:3)

1. AN USSR (for Bondarchuk).  
(Donets Basin--Corals, Fossil)

LIVYY, G.V.; GAL'PEROVICH, M.G.; VASILYUK, N.Z.; SOPRIKO, A.Ye.;  
KAZARINA, N.I.; CHURINA, V.I.; GIL'MAN, B.A.; YEGOROV, K.A.;  
GONCHAR, Ye.G.

Method of refining the skin side of fur articles made with low  
grade peltry; Soviet Certificate of Inventions No.1,7290. Kozh.-  
obuv.prom. 4 no.8:43 Ag '62. (MIRA 15:8)  
(Fur industry—Technological innovations)

VASILYUK, N.Z. [Vasyliuk, M.Z.]

Chemical materials for expanding the assortment and  
improving the quality of production in the light  
industry. Leh.prom. no.1:3-4 Ja-Mr '64.

(MIRA 19:1)

VASILYUK, N.Z., inzh.; BABAYEV, E.A., inzh.; TIMCHENKO, R.S.

Using the method of single-process shaping in shoe manufacture.  
Izv. vys.ucheb. zav.; tekhn.leg. prom. no.2:145-152 '58. (MIRA 11:6)

1.Kiyevskiy sovnarkhoz.  
(Shoe manufacture)

VASILYUK, V.; KHLEVNYUK, S.

Pneumatic clamp. Mashinostroitel' no.6:25 Ja '63.  
(Cutting machines) (MIRA 16:7)



PANFILOV, G.; VASILYUK, V.

Automation of production and industrial safety. Sov. profsoiuzy  
7 no.17:31-33 S '59. (MIRA 12:11)

1.Predsedatel' komissii okhrany truda 1-go Gosudarstvennogo  
podshipnikovogo zavoda (for Panfilov). 2.Tekhnicheskii inspektor  
Moskovskogo gorodskogo soveta professional'nykh soyuzov (MGSPS)  
(for Vasilyuk)

(Bearing industry-- Safety measures)

VASILYUK, V.K.; KHELVNYUK, S.S.

Modernization of the GS-1 hydraulic carriage. Mashinostroitel'  
no.3:12 Mr '64. (MIRA 17:4)

VASIL'YEVSKIY, S. P.

"Feed Systems for StsB Apparatus During Electric Locomotive Hauling in Coal Mines." Cand Tech Sci, Leningrad Order of Lenin and Labor Red Banner Mining Inst, Chair of Mining Electrical Engineering, Min Higher Education USSR, Leningrad, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

VASIL'YEVSKIY, S.P.

1442 Sistemy pitaniya ustroystv STsB pri elektrovnoy otkatke V ugol'nykh shaktakh.  
L., 1954. 15 s. 20 sm. (M-vo vyssh. obrazovaniya SSSR. Leninga orgenor Lenina i Trud. Kras-  
nogo Znameni gornyy in-t. Kafedra gornoy elektrotehniki). 100 ekz. B. ts. -(54-51565)

SO: Knizhaya Letopis', Vol. 1, 1955

112-57-7-15090

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7,  
pp 184-185 (USSR)

AUTHOR: Vasil'yevskiy, S. P.

TITLE: Selecting the Optimum Value of Supply Voltage for a Signaling,  
Interlocking, and Block System in an Underground Electric Haulage System  
(Vybor naivgodneyshey velichiny napryazheniya pitaniya ustroystv STsB  
podzemnoy elektricheskoy otkatki)

PERIODICAL: Zap. Leningr. gorn. in-ta, 1956, Vol 33, Nr 1, pp 128-135

ABSTRACT: The signaling systems of Soviet mines operates at 12-250 v. Experience has shown that the reliability of signaling system operation does not depend on voltage. The electric supply expense is the fundamental factor in the optimum voltage value. The problem of optimum voltage has never been the subject of careful theoretical investigation. The optimum voltage was formerly determined by depreciation charges based on the cable network (these charges were mistakenly assumed to be inversely proportional to the voltage); neither power-consumption cost nor depreciation charges for power-supply sources

Card 1/3

112-57-7-15090

Selecting the Optimum Value of Supply Voltage for a Signaling, Interlocking, . . . .

has ever been taken into consideration. This situation has resulted in a wrong conclusion: the higher the voltage, the more economical it is. For normal operation of traffic light signals whose lamps are the main consumer of electrical energy, a certain luminous flux should be built. A table given in the article illustrates that the higher the voltage, the greater the power necessary for generating the same luminous flux. In determining the optimum voltage value, it is necessary to allow for all factors influencing the amount of annual operating costs, which consist of the annual cost of power consumed by all signaling devices and the annual depreciation charges on the cable network and electric-supply sources. The voltage value that corresponds to the minimum annual operating expense will be the optimum value. Formulas and explanations are given for the following computations: (1) annual costs of energy consumed by relays and light-signal lamps; (2) depreciation charges for cable network, depending on the depreciation term or percentage of annual charges and the cost of cable network; (3) cost of insulation and laying cable network; (4) cost of electric-supply sources. Graphical determination of voltage value and its

Card 2/3

112-57-7-15090

Selecting the Optimum Value of Supply Voltage for a Signaling, Interlocking, ...  
effect on cost are presented. There are 3 illustrations.

T. I. L.

Card 3/3

SOV/112-57-9-19373

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 205 (USSR)

AUTHOR: Vasil'yevskiy, S. P.

TITLE: Choice of a Rational System of Power-Supply for Automatic Signaling in Electric-Locomotive Haulage in Coal Mines (Vybor ratsional'nykh sistem pitaniya ustroystv avtomaticheskoy signalizatsii pri elektrovoznoy otkatke v ugol'nykh shakhtakh)

PERIODICAL: Neuch. tr. Molotovsk. gos. inst., 1956, Nr 1, pp 66-76

ABSTRACT: Modern systems of signaling, interlocking and blocking of underground electric-locomotive haulage use the principle of relay-type central traffic control. Their reliable and stable operation is possible if they have a reliable and continuous electric-power supply kept within strict limits. The electrical supply can have a local, a main line, or a combined scheme, and its selection is determined by the following conditions: (1) reliability of operation; (2) convenience of operation; (3) necessary explosion-proof feature; (4) economy requirements. From the viewpoint of maximum reliability and

Card 1/2



SOV/112-57-9-19373

Choice of a Rational System of Power-Supply for Automatic Signaling in Electric- . . .

convenience in operation, the local and the main-line systems of electrical supply are almost equivalent. With local electrical supply, the explosion-proof feature is easily attained as currents are relatively low. With main-line electric supply, the explosion hazard is much higher, and the probability of an explosion from a spark or a sustained arc in case of a cable break is higher. The combined electrical supply system has the least convenience and operating reliability. The economy feature of a power-supply system is an important factor in the selection and is determined by the annual operating costs. Formulae and a computation procedure are presented for determining the annual operating costs of local and main-line power-supply systems.

T.I.L.

Card 2/2

KAL'NITSKIY, Ya.B., dotsent, kand.tekhn.nauk; VASIL'YEVSKIY, S.P., dotsent,  
kand.tekhn.nauk

Problems in the automation of stoping equipment in the mining  
industry. Gor. zhur. no.2:5-9 F '61. (MIRA 14:4)

1. Institut Gipronikel', Leningrad.  
(Mining machinery) (Electricity in mining)

VASIL'YEVSKIY, V.N.; LEYBIN, B.L.

Determining average reservoir pressure. Neft. khoz. 34 no.12:26-30  
D '56. (MLRA 10:8)

(Oil fields)

VASIL'YEVSKIY, Vladimir Nikolayevich; LEYBIN, Emmanuil L'vovich; ORLOV, Vyacheslav Sergeevich; KRYLOV, A.P., red.; SAVINA, Z.A., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Pressure maps in oil and gas production] Karty izobar v dobyche nefi i gaza. Pod red. A.P.Krylova. Moskva, Gos.nauchno-tekhn. izd-vo nefi. i gorno-toplivnoi lit-ry, 1959. 107 p.

(MIRA 12:10)

1. Chlen-korrespondent AN SSSR (for Krylov).  
(Atmospheric pressure--Maps)

VASIL'YEVSKIY, V.N.; KUZ'MIN, V.M.; YUDIN, G.M.

Results of hydrodynamic studies carried out in the Skolovogorsk  
and Zhirnovsk fields. Trudy VNIGNI no.28:148-149 '60. (MIRA 14:4)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Oil reservoir engineering)

VASIL'YEVSKIY, V.N.

Trend of research in the field of hydrodynamic investigations of strata and wells. Trudy VNI no.29:229-240 '60. (MIRA 13:10)

1. Vsesoyuznyy neftegasevyy nauchno-issledovatel'skiy institut.  
(Oil reservoir engineering--Research)

VASIL'YEVSKIY, V.N.; ZAZOVSKIY, F.Ya.

Some results of the study of wells using pressure build-up curves when bottom pressure is below the saturation pressure.  
Trudy VNII no.37:223-229 '62. (MIRA 16:6)  
(Oil reservoir engineering)

VASIL'YEVSKIY, V.S.; MUKHOVATOV, V.S.; STRELKOV, V.S.; YAVLINSKIY,  
N.A.

[The "Tokomak-2" toroidal plant with a high magnetic field]  
Toroidal'naiia ustanovka s sil'nym magnitnym polem  
"Tokomak-2". Moskva, In-t atomnoi energii AN SSSR, 1960.  
17 p. (MIRA 17:1)



VASIL'YEVSKIY, V.S.; MUKHOVATOV, V.S.; STRELKOV, V.S.; YAVLINSKIY, H.A.

"Tokamak-2" toroidal plant with a strong magnetic field. Zhur.  
tekhn. fiz. 30 no.10:1137-1144 0 '60. (MIRA 13:10)  
(Magnetic fields) (Plasma (Ionized gases))

VASIL'YEVSKIY, V.S.; KRASNOV, N.V.; MUKHOVATOV, V.S.

Drum-type camera for vacuum ultraviolet. Prib. i tekh. eksp. 6  
no.2:138-139 Mr-Ap '61. (MIRA 14:9)  
(Photography, High-speed--Equipment and supplies)

84722

S/057/60/030/010/001/019  
B013/B063

26.1300  
24.2/20

AUTHORS:

Vasil'yevskiy, V. S., Mukhovatov, V. S., Strelkov, V. S.,  
Yavlinskiy, N. A.

TITLE:

"TOKAMAK-2" (Tokamak-2) - a Toroidal Apparatus With a  
Strong Magnetic Field

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1960, Vol. 30, No. 10,  
pp. 1137-1144

TEXT: As deuterium impurities and the heavy atoms struck out of the chamber walls by plasma lead to considerable energy losses of a deuterium plasma and, thus, prevent an increase of temperature, studies on plasma of the highest possible degree of purity are of particular significance. For this purpose, a special toroidal pulsed high-vacuum chamber was developed, which is described in the present paper. The experimental apparatus "Tokamak-2" was designed for investigating the Joulean heating of plasma in a strong, longitudinal magnetic field. The following factors were taken into account by the designers: 1) The areas of the discharge chamber facing the plasma must be subjected to a careful heat treatment.

APPROVED FOR RELEASE: 08/31/2001

Case 12

84722

"Tokamak -2" (Tokamak-2) - a Toroidal Apparatus With a Strong Magnetic Field S/057/60/030/010/001/019 ED13/B063

2) The vacuum pump and the design of the chamber must guarantee a vacuum of up to  $10^{-8} \div 10^{-9}$  mm Hg. 3) The dimensions of the apparatus must correspond to those of "Tokamak-1". The apparatus is schematically represented in Fig. 1. Fig. 2 is a general view of the internal chamber. The basic circuit diagram of the apparatus is reproduced in Fig. 3. Two units of the type BAO5-2 (VA05-2) are used for producing a high vacuum in the internal chamber. The highest maximum attained after degassing by heating to 450°C amounted to  $5 \cdot 10^{-10}$  mm Hg. The entire vacuum system of the internal chamber is connected by metal seals, so that it may be degassed by heating up to 400-450°C. Two types of seals are used (see Fig. 4). Fig. 5 shows the sealing and insulation of the joints of the external chamber. The tubes of the water-cooling installation were laid on the outer side of the copper chamber (Fig. 1). The internal chamber is electrically insulated from the external chamber and separated from it by a vacuum (Fig. 6). Fig. 7 illustrates the pressure change prevailing inside the internal chamber during heat treatment. The plasma properties were studied with the above-described apparatus under two different conditions: In one case, the entire system was cooled after a continuous heat treatment - "cold chamber"; in the second case, the internal chamber was kept

X

Card 2/3

84722

"ТОКАМАК -2"(Tokamak-2) - a Toroidal Apparatus S/057/60/030/010/001/019  
With a Strong Magnetic Field B013/B063

at a temperature of 400-450°C, whereas the vacuum unit and the traps remained cold. - "hot chamber". Data ascertained under equal conditions are given in Ref. 3. The introduction of observation windows and of the measuring apparatus is described (see Figs. 8 and 9). Since the apparatus serves a double purpose in that it should produce the highest vacuum possible and purify the walls of the discharge chamber, its design is rather complicated. As was shown by measurements, this is fully justified, since otherwise the discharge would be considerably affected by impurities. The character of the process is considerably changed by a long heat treatment (Ref. 3). Nonetheless, it is not possible to produce a perfectly pure deuterium plasma. There are 9 figures and 3 Soviet references.

SUBMITTED: April 23, 1960

Card 3/3

VASIN, A.

Combination parachute jumping. Soyuz. no. 15 no. 2:22-29 Pg 164  
(MIRA 18:1)

AUTHOR: Vasin, A.D., Engineer

SOV-117-58-9-10/88

TITLE: Carbonization of Low-Carbon Steels (Tsementatsiya nizkouglerodistykh staley)

PERIODICAL: Mashinostroitel', 1958. Nr 9, pp 26-27 (USSR)

ABSTRACT: Information is presented on a new carbonization method developed at the Maykopskiy stankostroitel'nyy zavod imeni Frunze (Maykop Machine-Tool Building Plant imeni Frunze), the distinguishing feature of which is the use of an active coating as a carbonizing agent. This coating consists of 30 % carbon black or crushed peat coal, 40 % mazut, 20 % dextrin and 10 % of  $\text{Na}_2\text{CO}_3$ . The process is described in detail and has proved to be 8-10 times more productive than the conventional method in a solid carbonizer and 3-4 times more efficient than the entire heat treatment process including hardening. The method is simple, cheap and does not require expensive material and additional equipment. It is recommended for use in all metalworking plants, RTS and repair shops.

1. Steel--Carbonization

Card 1/1

VASIN, A. D. Cand <sup>Biol</sup> Sci -- (diss) "Age-related changes in the ovaries of sheep of the Altay fine-wool breed." Mos, 1959. 20 pp (Mos Vet Acad of the Min Agr RSFSR. Chair of Obstetrics with a Course in Artificial Insemination of Agr Animals), 175 copies (KL, 46-59, 136)



VASIN, A. D., Cand. Vet. Sci., --(diss) "Growth Age Change of ovaries of sheep  
for the Allay Tonkorunnyy Breed," Kazan', 1961, 24 pp (Kazan' Veterinary Insti-  
tute im. N. E. Baumann) 200 copies (KL-Supp 9-61, 187)

GUSHCHIN, N.I.; VASIN, A.D., mladshiy nauchnyy sotrudnik

Time standards for veterinarians serving in animal husbandry.  
Veterinariia 39 no.1:15-22 Ja '62. (MIRA 15:2)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov. 2. Zaveduyushchiy laboratoriyoy ekonomiki veterinarii Gosudarstvennogo nauchno-kontrol'nogo instituta veterinarnykh preparatov (for Gushchin)  
(Veterinary medicine)  
(Stock and stockbreeding)

VASIN, A.D., kand. veterinarnykh nauk

Some characteristics of the fertility of Altai fine-wool  
sheep. Zhivotnovodstvo 24 no.6:71-73 Ja '62. (MIRA 17:3)

VASIN, A.D., starshiy nauchnyy sotrudnik; RYZHENKOV, I.I., veterinar'nyy  
vrach; KHARIAMOV, K.M.

Comparative evaluation of pregnant mare's serum and "gonadostimulin."  
Veterinar'na 41 no.11:78-81 N '64. (MIR' 18:11)

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinar'nykh preparatov Ministerstva sel'skogo khozyaystva SSSR (for Vasin).
2. Glavnyy zootekhnik sovkhoza "Ramenskoye", Moskovskoy oblasti (for Kharlamov).

GLUKHOVTSEV, G.D.; VASIN, A.B., kand. veter. nauk

Specificity of biogenic stimulators in controlling animal sterility. Veterinar'na 42 no.12:68-71 D '65.

(MIRA 19:1)

1. Zaveduyushchiy laboratoriyey biogennykh stimulyatorov Gosudarstvennogo nauchno-kontrol'nogo instituta veterinarnykh preparatov (for Glukhovtsev). 2. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov (1965).

VASIN, A., sportsman

Free fall with a motion-picture camera. Kryl.rod 13 no.8:20-21  
Ag '62. (MIRA 15:8)

1. Moskovskiy parashyutnyy klub.  
(Parachuting)

VASIN, A.V.

Mining practices in the southern wing of the Kadandzhay deposit.  
Izv. vys. ucheb. zav.; tsvet. met. 3 no.4:18-22 '60. (MIRA 13:9)

1. Moskovskiy institut tsvetnykh metallov. Kafedra razrabotki  
mestorozhdeniy.

(Frunze Province--Antimony ores)

(Mining engineering)

VASIN, A. V.; ZABUGINA, E. A.; PAVLENKO, V. N.

Veterinary Administration, Saratov Oblast Dept. of Animal Husbandry

"Determination of the concentration of SO<sub>2</sub> in gas chambers  
with the use of saturated solution of calcium hydroxide."

SO: Veterinaria 24(1), 1947, p. 26.



VASIN, A. [V.]

YAKOVLEV, L. AND VASIN, A.

Brucellosis of farm animals and its Prevention, Saratov, 1950, 72 pages with illustration, 65 kopeks, Copies -- 3,000.

SO: [REDACTED], Report, U-4724, Sept. 30, 1953, [REDACTED] (Veterinaryiya, No. 4, Apr. 1951, pp. 60-61, Moscow.)

VASIN, A.V.

Saratov Veterinary Institute

"Phenothiazine in infectious vaginitis of cattle."

SO: Vet. 27 (2) 1950, p. 21

VASIN, A.V.

(From an article, "Problem of Teaching Animal Hygiene in Three-Year Courses in Animal Husbandry, by L.M. Krapivner).

"The science that studies the diseases of animals and ways of treating them is called veterinary medicine." (A.V. VASIN. Zoogigiyena s osnovami veterinarii (Animal Hygiene and the Principles of Veterinary Medicine). Saratov Oblast Publishing House, 1951).

These formulations of the task of the animal hygienist can hardly be considered correct or in agreement with the provisions of the "Three-year Plan for the Development of Communal Productive Animal Husbandry on Collective and State Farms" (1949-1951), especially with section VII. (Veterinariya, No. 9, 1952).

SO: [REDACTED] Report U-5638; 10 March 1954; p. 41-42; [REDACTED] de g

VaSIN, A. V.

Saratov Scientific-Research Veterinary Experimental Station.

"On the problem of the influence of external factors on  
allergy condition in tuberculosis of cattle."

SO: Veterinariya 28(12), 1951, p. 29

CA

11-11

New mode of application of trypan blue and trypanflavine against hemosporidial diseases of farm animals. A. V. Vasylyshyn, *Soviet Vet. Expt. Sta. J. Parasitol.* 19, No. 3: 27-30 (1952). A 1% soln. of trypan blue in 5% sodium citrate, at dosage level of 25-50 ml. per injection, with total of 100 ml., can be subcutaneously injected into horses without harm. The soln. remains in the organism for an extended time and serves as a mode of prophylaxis against piroplasmosis, but is not effective against mite or tick infestations. The horses so treated cannot infect *Permacentor* species for as long as 82 days. Trypanflavine applied similarly was not studied extensively as yet on sheep, but the results are encouraging. G. M. Kosolapoff

VASIN, A.V.

~~Саратовская научно-исследовательская ветеринарная опытная станция~~

Therapy for farm animals poisoned by sodium chloride. Veterinariia  
30 no.9:45-46 S '53. (MLRA 6:8)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya opytnaya  
stantsiya.

VASIN, A. V.

"The Problem of the Reactions of an Organism to Irritation (Relating to Physiological Permeability)." Cand Vet Sci, Saratov Zooveterinary Inst, Saratov, 1954. (RZhBiol, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

VASIN, A.V., kandidat veterinarnykh nauk.

Alimentary hepatitis in sheep. Veterinariia 32 no.12:60-61  
D '55. (MIRA 9:4)

1.Saratovskaya NIVOS.  
(SHEEP--DISEASES) (LIVER--DISEASES)



УБК / FARM ANIMALS. General Problems.

Q-1

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54698.

Author : Vasin, A. V., Kvitkin, Yu. P.

Inst : Not given.

Title : On the Suitableness of the Mustard Seed Meal  
as Feed.

Orig Pub: S.-kh. Povolzh'ya, 1957, No 6, 94-95.

Abstract: The mustard seed meal of the Saratov Oil Plant No 1 contains about 45% protein, 5% fat and 27% non-nitrogenous extractive substances. The mustard seed meal may be fed for a short time to swine, sheep and poultry in the amount of 10 to 20% of the total nutritive value of the ration; for a prolonged feeding of cattle, it may be given in the amount of up to 2.5 kg. per day. To insure better consumability of the mustard seed meal, it should be used in combination with other feeds.

Card 1/1

VASIN, A.V., kand. vet. nauk.

Fungiotoxicosis of animals and laboratory diagnosis. Veterinaria  
35 no.6:64-66 Je '58. (MIRA 11:6)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya opytnaya  
stantsiya.

(Molds (Botany)) (Veterinary medicine)

VASIN, A.V.; KOCHETOVSKIY, B.A.; PARAKIN, V.K.; STANKUNOVICHUS, A.;;  
POGILEVTSEV, A.I.; KADENATSIY, A.N.

Through the Soviet Union. Veterinaria 35 no.9:92-95 S '58.  
(Veterinary medicine) (MIRA 11:9)

YASIN, A.V., kand.vet.nauk

Hygienic aspects of meat from animals which had to be killed  
because of poisoning. Veterinariia 35 no.12:59-60 D '58.  
(MIRA 11:12)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya  
stantsiya.

(POISONS) (MEAT)

VASIN, A.V., kand.veterin.nauk; KVITKIN, Yu.P., kand.biolog.nauk

Prophylactic measures in the feeding of animals with Sudan  
grass. Veterinariia 36 no.6:60-63 Jo '59. (MIRA 12:10)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.  
(Sudan grass--Toxicology) (Feeding and feeding stuffs)

KVITKIN, Yu.P., kand.biolog.nauk; VASIN, A.V., kand.veterinar.nauk;  
REVNIVYKH, A.G., kand.veterinar.nauk

Summer disease of lambs affecting the respiratory and digestive  
organs. Veterinariia 36 no.7:50-52 J1 '59. (MIRA 12:10)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.  
(Lamba--Diseases and pests)

VASIN, A.V.

Allergy and parabiogenesis in tuberculosis. Sbor.nauch.rab.Sar.NIVS  
4:32-41 '60. (MIRA 15:7)  
(Tuberculosis in animals) (Tuberculosis in poultry)  
(Allergy) (Nervous system)

VASIN, A.V., kand.veterinarnykh nauk

Body reaction to irritation in connection with physiological  
permeability. Sbor.nauch.rab.Sar.NIVS 4:161 '60. (MIRA 15:7)  
(Irritability) (Nervous system) (Veterinary medicine)



VASIN, A.V., kand.veterinarnykh nauk

Fungus-induced toxicoses in animals and their clinical and  
laboratory diagnosis. Sbor.nauch.rab.Sar.NIVS 4:162-166 '60.  
(MIRA 15:7)

(Molds (Botany))

(Veterinary toxicology)

VASIN, A.V., kand.veterin.nauk; KVITKIN, Yu.P., kand.biolog.nauk

Electrocapillaremetrical determination of toxic chemicals in  
biological materials. Veterinariia 37 no.11:83-85 N '60.

(MIRA 16:2)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.  
(Veterinary--Toxicology) (Electrochemical analysis)

VASIN, A.V., kand. veterin. nauk; ZVIRKIN, Yu.I., kand. biolog. nauk

Salicylate method for determining DDT in biological material.  
Veterinariia 38 no.2:86 F-61. (MIRA 12:1)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya  
stantsiya.

VASIN, A.V., kand. veterin. nauk; KVITKIN, Yu.P., kand. biolog. nauk

Toxic feeds and their decontamination. Veterinariia 38 no.11:  
65-68 N '61 (MIRA 18:1)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya  
stantsiya.