

VINOGRADOV, V.M., inzh.; YEDNERAL, F.P., doktor tekhn.nauk; YEFROYMOVICH,  
Yu.Ye., kand.tekhn.nauk

Automation of the electric smelting process. Stal' 22 no.11:  
1005-1007 N '62. (MIRA 15:11)

1. Tsentral'naya laboratoriya avtomatiki i Moskovskiy vecherniy  
metallurgicheskiy institut.  
(Steel--Electrometallurgy) (Automation)

YEFROIMOVICH, Yu.Ye.; MARTYNUSHKIN, A.M.; TSUKANOV, V.P.; SHIKOV, I.P.;  
NIKONOV, A.V.; KABLUKOVSKIY, A.F.; KOTIKOV, A.N.; KOLCHANOV, V.A.;  
VINOGRAOV, V.M.; GENISHT, Ye.S.

VU-5086 computer and high-speed electronic automatic controller for  
regulating power supply to electric arc furnaces. Prom. energ. 18 no.7:  
7-8 J1 '63. (MIRA 16:9)

(Electric furnaces)

L 18066-63

EWT(d)/EWT(m)/EWP(q)/BDS AFFTC/ASD JD

ACCESSION NR: AP3001663

59 S/0130/63/000/006/0015/0018

AUTHORS: Vinogradov, V. M.; Yefroyimovich, Yu, Ye.; Kablukovskiy, A. F.; Simonov, V. I.

TITLE: Automation and programming of steel melting in an electrical furnace

SOURCE: Metallurg, no. 6, 1963, 15-18

TOPIC TAGS: automation, programming, electrical furnace, melting

ABSTRACT: The automatic control which regulates the performance of an electrical furnace has been designed and tested at the plant "Electrostal". The temperature variation required was determined automatically during the operation or was taken from a temperature graph plotted on the basis of results obtained in other steel melting operations. The program involved the electrical and thermal conditions, the length of melting intervals, the proper order of operations, and the average quantities of the materials used. With this type of control the temperature can be regulated to an accuracy up to  $\pm 100$ , and the limits of temperature variation of metal in the hearth and in the ladle are decreased 2.5-3.5 times. The order and speed of the operations were sustained. Various deviations from the normal

Card 1/2

L 18066-63

ACCESSION NR: AF3001663

course of the melting process were avoided by regulating electrical power and the composition and quantity of aftercharges. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 09Jul63

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

YEDNERAL, F.P., doktor tekhn.nauk; YFFROYMOVICH, Yu.Ye., kand.tekhn.nauk;  
VINOGRAOV, V.M., kand.tekhn.nauk

Mechanization of electric steel smelting connection with its auto-  
mation. Stal' 24 no.7:617-619 J1 '64.

(MIRA 18:1)

40743-65 EWG(j)/EWT(d)/EWP(e)/FPA(s)-2/EWT(m)/EPF(c)/EWP(i)/EPF(n)-2/FNA(d)/EWP(v)/  
EPF(e) FPA(s)-2/EWT(m)/EPF(c)/EWP(i)/EPF(n)-2/FNA(d)/EWP(v)/  
ACCESSION NP: AP5007454 JG/YH S/0286765/000/004/0075/0076

AUTHOR: Vinogradov, V. M.; Yefroymovich, Yu. Ye.; Kotikov, A. N.;  
Filin, O. G.; Pirozhnikov, V. Ye.; Shanturin, P. M.; Krechetova, A. M.;  
Kablukovskiy, A. F.; Nazarkin, I. A.; Kopyashin, V. I.; Polunin, S. F.;  
Oleznyuk, B. A.; Lysenko, S. P.; Voronin, V. Y.; Levchuk, V. V.;  
Koreshkov, M. Ye.; Laktionov, V. S.; Yuzefovich, V. R.; Vinogradova,  
L. V.; Rutman, M. Sh.; Angelevich, M. H.

TITLE: Automatic device for repeated measuring of the temperature  
of molten steel. Class 42, No. 168495

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 15  
75-76

TOPIC TAGS: temperature measuring, molten steel temperature

ABSTRACT: This Author Certificate <sup>qm</sup> introduces an automatic device  
for repeated measuring of molten steel temperature in an open hearth  
furnace. The device consists of a thermocouple, a driving mechanism,  
and a registering instrument. To improve the reliability and compact-  
ness of the device, the thermocouple carriage is connected to the

Card 1/2

L 40743-65

ACCESSION NR: AP5007454

piston rod of the pneumatic cylinder by a pulley in such a way that the length of the carriage stroke exceeds that of the rod stroke by a preset value. The thermocouple location in the furnace is controlled by the regulator of the piston rod position, which is connected to the programming membrane and the reverse movement spring. To increase service life, the thermocouple junction is protected by a siliconized graphite tip which is fixed to the refractory thermocouple holder with aluminum-phosphate cement. The duration of the measurement is controlled by a polarized relay. The polarized relay is connected to the amplifier output circuit of the registering instrument which controls the air distributor of the carriage drive through a thermal and electropneumatic relay and determines the end of the measurement. Orig. art. has: 1 figure. [AZ]

ASSOCIATION: Tsentral'naya laboratoriya avtomatiki (Central Automation Laboratory)

SUBMITTED: 25Dec61 ENCL: 00 SUB CODE: TD, IE

NO REF SOV: 000 OTHER: 000 ATD PRESS: 3231

Card *llc*  
2/2

YEDNERAL, F.P., doktor tekhn. nauk; VINOGRADOV, V.M., kand. tekhn. nauk

Studying principles and problems in the automatic control of physicochemical processes in electric arc furnace: steel melting. Stal' 25 no.4:329-333 Ap '65. (MIRA 18:11)

1. Moskovskiy vecherniy metallurgicheskiy institut i Tsentral' naya laboratoriya avtomatiki.



VINOGRADOV, V.M.; TIMOFEYEV, V.V.

Mechanism of the pressor action of some sympathomimetics in hypotension. Farm. i toks. 28 no.1:30-33 Ja-F '65.

(MIRA 18:12)

1. Kafedra farmakologii i farmatsii (zav. - prof. S.Ya.Arbutov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova,  
Leningrad. Submitted October 21, 1963.

VINOGRADOV, V.M.; NEVEROV, A.H.; BOZHAROV, V.K.; TRUSTYANKAYA, Ya.P.

Effect of gamma rays on cured polyesters. Plast. massy no.5:  
38-40 '69. (MIRA 18:9)

38716

S/191/62/000/007/003/011  
B124/B144

75.811<sup>9</sup>

AUTHORS:

Trostyanskaya, Ye. B., Vinogradov, V. M., Kazanskiy, Yu. N.

TITLE:

Molding materials based on thermosetting polyesters.  
Communication I. Polyester molding materials with powdery fillers

PERIODICAL: Plasticheskiye massy, no. 7, 1962, 15-19

TEXT: The applicability of the Soviet unsaturated polyesters ПН-1 (PN-1), ТМГФ-11 (TMGF-11), and ТГАС (TPAS) (thermostable polyacrylate binder) as binders for molding materials is investigated. The polyesters were cured in cylindrical molds in the presence of 1% benzoyl peroxide at 120°C in amounts of 12 g each, and were kept at 150°C for 5 hr. The volume shrinkage was determined from the change in density of the polyester after curing. Quartz powder, talc, mica, and kaolin were used as fillers and mixed with the binder. Benzoyl peroxide was added in a mixture with styrene, diallyl phthalate, dibutyl phthalate, or polyacrylate. Molding materials based on PN-1, TMGF-11, and TPAS are moldable for 4 hr, 8 hr, and 1.5 months, respectively, this period depending also

Card 1/63 3

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Molding materials based on ...

on the shape and size of the block. If a surface-active substance is added instead of part of the filler, the storage stability of the molding material increases, whilst addition of a thickener confers thixotropic properties. The following formula was generally applied (parts by weight): 100 polyester, 1 initiator, 84 mineral filler, and 66 thickener. Before molding, the molding powder must be treated by rolling to remove the air. The fluidity of pastes got from various polyesters with 60-70% filler varies between 50 and 80 mm at a molding pressure of 90 kg/cm<sup>2</sup> and a mold temperature of 120°C. The rate of polymerization of the polyacrylate and the ratio polyacrylate:polymaleinate exert a decisive effect on the physicochemical properties of the cured materials. The curing of poly-maleinates with polyacrylates of moderate polymerization rate is analogous to the process of curing with polystyrene. The best results were obtained with the use of TPAS + PN-1. A pressure of 50-200 kg/cm<sup>2</sup>, a temperature of 120°C, and a curing time of 1 min/mm were adopted for powdery molding materials. Table 6 shows the properties of the products obtained. Cold extrusion can be used for treating the molding material pastes. Thanks are expressed to P. Z. Li and Ya. D. Avrasin. There are 2 figures and

Card 2/3

Molding materials based on ...

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B124/B144

6 tables. The most important English-language references are: B. Parkyn, Brit. Plast. 32, 29 (1959), J. D. Davies et al., Appl. Plast. 2, 11, 45 (1959); 2, 12, 43 (1959); R. B. White, R. S. Jackson, Mod. Plast. 36, 7, 117 (1959); 36, 9, 107 (1959).

Table 6. Properties of products from molding materials based on various polyesters and phenoplasts. Legend: (A) Properties, (B) polyester, (C) PH-1, (D) TMGF-11, (E) TPAS, (F) TPAS + PH-1, (G) phenol formaldehyde resin with mineral filler, (H) strength on static bending,  $\text{kg}/\text{cm}^2$ , (J) specific impact strength,  $\text{kg}\cdot\text{cm}/\text{cm}^2$ , (K) condition of rods after 5 hr at  $200^\circ\text{C}$ , (L) strength after 5 hr at  $200^\circ\text{C}$ , %, (M) heat resistance according to Martens,  $^\circ\text{C}$ , (N) water absorption after 24 hr,  $\text{g}/\text{dm}^2$ , (P) specific gravity, (Q) surface resistivity, ohms, (R) volume resistivity,  $\text{ohm}\cdot\text{cm}$ , (S)  $\tan \delta$  at  $1\cdot 10^6$  c/s, (T) dielectric permeability, (U) rod covered with deep cracks, (V) small cracks, (W) no cracks, (X) test impossible because samples destroyed on heating.

Card 3/4

3

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B101/B186

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15 8350

AUTHORS:

Trostyanskaya, Ye. B., Vinogradov, V. M., Khzanskiy, Yu. N.

TITLE:

Molding compositions on the basis of hardening polyesters.  
Polyester glass fiber plastics

PERIODICAL: Plasticheskiye massy, no. 10, 1962, 14 - 16

TEXT: On the basis of papers by J. D. Davies et al. (Appl. Plast., 2, 11, 45 (1956), 2, 12, 43 (1959)) it is suggested that regular distribution of glass fibers in glass reinforced plastics (GRP) should be ensured by adding thixotropic additives in the following process: The filler (quartz flour, kaolin, chalk, talcum, or mica) and a thickener are mixed in a ball mill (mixture "a"); after adding a polyester (polyacrylate or polyacrylate maleinate) to mixture "a"; paste "b" is formed in a mixer with z-blades and is applied to a continuous band of glass fiber; the excess is removed and the band is cut into pieces; the polyester is then mixed with mixture "a" until it gives a damp powder (mixture "c") which in turn is mixed with the cut glass fiber covered by paste "b". At 120°C and a pressure of 90 kg/cm<sup>2</sup>, the molding composition according to Raschig reached a viscosity of 200 mm

Card 1/2

Molding compositions on ...

S/191/62/000/010/003/010  
B101/B186

owing to preliminary impregnation of the glass fiber with the thermoplastics. In this way, GRP was obtained with 50% glass fiber uniformly distributed. The bending modulus is 800 - 850 kg/cm<sup>2</sup> for GRP containing 20% glass fiber and 1400 kg/cm<sup>2</sup> with 50% glass fiber. The physicomachanical properties depend on the type of mineral filler: the bending modulus of rupture in bending was 690 kg/cm<sup>2</sup> with quartz flour and 1290 kg/cm<sup>2</sup> with talcum. The resulting GRP had the following composition (in portions by weight) : 30 - 40 polyester, 20 - 50 glass fiber, 5 - 50 powdered filler, and 10-30 thickener. The bending modulus of GRP depends on the length of glass fiber: it is 395 - 450 kg/cm<sup>2</sup> with 10% glass fibers 5 mm long, and 525 - 640 kg/cm<sup>2</sup> when they are 15 mm long. If the glass fiber is longer than 15 - 20 mm, the bending modulus decreases and the measured values become too scattered. The highest heat resistance of GRP was reached with polyacrylate maleinate. For the type TPAC+PH-1 (TPAS+PN-1) binder, after 140 hrs of ageing at 200°C, a weight loss of 2% was observed: with 40% binder, 20% glass fiber, and 40% mineral filler. The impact strength and other mechanical properties of the test specimens proved to be of special interest. There are 4 figures and 5 tables.

Card 2/2

VINOGRADOV, V.M.; MIRONOV, A.I.; BRAYLOVSKIY, N.G., inzhener, redaktor;  
VERINA, G.P., tekhnicheskiy redaktor.

[Progressive practices in the repair of brake equipment; work practice of the automatic-brake control point at Lyublino station on the Moscow-Kursk-Donets Basin line] Peredovoi metod remonta tormoznykh priborov. Opyt kontrol'nogo punkta avtotormozov stantsii Lyublino Moskovsko-Kursko-Donbasskoi dorogi. Moskva, Gos. transportnoe zheleznodorozhnoe izd-vo, 1954.  
111 p. [Microfilm] (MLRA 7:12)  
(Air brakes)



KLYKOV, Yevgeniy Vladimirovich; KRYLOV, Vladimir Ivanovich; VINOGRADOV,  
Vasiliy Mikhaylovich; BRAYLOVSKIY, N.G., inzhener, redaktor;  
YUDZON, D.M., tekhnicheskiy redaktor

[MTZ-135 Matrosov system automotive brakes] Avtomaticheskii  
tormoz sistemy matrosova MTZ-135. Moskva, Gos. transp. shel.-dor.  
isd-vo, 1956. 146 p. (MLSA 9:9)  
(Railroads--Brakes)

VINOGRADOV, V.M.; FILIPPOVA, L.S., red.; GROMOV, Yu.V., tekhn. red.

[Mechanization of labor consuming operations in the repair of  
braking equipment] Mekhanizatsiia trudoemkikh rabot pri remonte  
tormoznogo oborudovaniia. Moskva, Vses. izdatel'sko-poligr.  
ob"edinenie M-va putei soobshcheniia, 1961. 27 p.

(MIRA 15:3)

(Railroads--Brakes)

VUKOLOV, L.A., kand. tekhn. nauk; VINOGRADOV, V.M., inzh.

Ways of increasing the force of adhesion of wheels to the rail  
during braking. Trudy TSNII MPS no.255:4-21 '63.  
(MIRA 16:6)

(Railroads--Brakes) (Car wheels)  
(Railroads--Rails)

VINOGRADOV, V. M.

"Significance of the Work of N. E. Vvedenskiy for the Development of Pharmacology," a report presented at the 582nd meeting of the Pharmacology and Toxicology Section, Leningrad Society of Physiologists, Biochemists, and Pharmacologists im. I. M. Sechenov, ~~9 June~~ 1954, Farm. i Toks. Ju-Aug 1955, pp 60-63  
30 Rev

Chair of Pharmacology, Naval Medical Academy im. S. M. Kirov

Sum. 900, 26 Apr 56

VINOGRADOV, V. H., D'YACHENKO, I. K., and KAMETVA, G. I.

"Certain Clinical and Experimental Problems of Hypothermia and Potentiated Anesthesia," from the book Theses of the Reports of the Scientific Session of the Military Medical Academy im. S. M. Kirov, Tezisy Doklady Nauchnoy sessi, 29 Oct-2 Nov 1956, Leningrad.

VINOGRADOV, V. M., BARYSHNIKOV, I. I., AMBUZOV, S. Ye., and BERANIN, Ye. N.

"Pharmacological Characteristics of Certain New Ganglion-Blocking and Neuroplegic Agents Used in General Anesthesia and Hypothermia," from the book Theses of the Reports of the Scientific Session of the Military Academy im. S. M. Kirov, Tezisy Dokladov Nauchnoy Sessi, 29 0 t-2 Nov 1956, Leningrad.

VINOGRADOV, V.M.

Med

Influence of aminazine on certain functions of central nervous system. I. I. Baryshnikov, V. M. Vinogradov, M. I. Nikiforov, and Yu. N. Shaanin. *Zhurnal Vysshego Nervnogo Derivativnogo im. I. P. Pavlova*, 6: 881-90 (1958).  
 -Synonyms for aminazine are: mezapren, chlorpromazine 4360 RP, tarazin, largactol, and SKF-2001-A. Administration of 3-5 mg/kg. of aminazine leads to lowered electric activity of the brain. After the first dose of 0.5-1.5 mg./kg. of aminazine there is a decrease in conditioned reflex activity. Strychnine in doses of 50  $\mu$ /kg. restores the reflex activity which was inhibited by aminazine. J. A. Stekol.

Chief Pharmacologist Pharmacy, Med. Res. Acad. in S.M. Kirov

VINOGRADOV, V.M.

Local anesthetic and anti-arrhythmic properties of pascaine;  
oxynovocaine para-aminosalicylate [with summary in English]  
Farm. i toks. 20 no.6:34-38 M-D '57 (MIRA 11:6)

1. Kafedra farmakologii i farmatsii (nacy. - prof. S. Ya. Arbuzov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(PARAAMINOSALICYLIC ACID, rel. cpds.  
oxyprocaine p-aminosalicylate, loca, anesth. & car-  
diotonic eff. (Rus))

(PROCAINE, rel. cpds.  
same)

(HEART, effect of drugs on,  
oxyprocaine p-aminosalicylate, cardiotonic eff.  
in animals (Rus))



VINOGRADOV, V.M.

VINOGRADOV, V.M.

Effect of pascaïn on some functions of the central nervous system.  
Fiziol.zhur. 43 no.6:568-576 Je '57. (MIRA 10:12)

1. Kafedra farmakologii i farmatsii Voenno-meditsinskoy ordena  
Lenina akademii im. S.M.Kirova.

(CENTRAL NERVOUS SYSTEM, eff. of drugs on  
pascaïne in cats & in rabbits)

(PROCAINE, related cpds.

pascaïne, eff. on CNS in cats & in rabbits)

(PARA-AMINOSALICYLIC ACID rel. cpds. .  
same)

VINOGRADOV, V.M.; D'YACHENKO, P.K., kandidat meditsinskikh nauk

Use of the resorptive action of local anesthetics in surgery [with summary in English, p.157]. Vest.khir. 78 no.5:12-24 My '57.  
(MLRA 10:7)

1. Iz kafedry farmakologii (nach. - prof. S.Ya.Arbusov) i kliniki obshchey khirurgii (nach. - prof. V.I.Popov) Voenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova. Adres avtorov: Leningrad, ul. Lebedeva, d.35, kafedra farmakologii  
(ANESTHETICS, LOCAL  
resorptive action, review)

*VINOGRADOV V.M.*  
D'YACHENKO, P.K., kand.med.nauk; VINOGRADOV, V.M.

Potentiated anesthesia in surgery [with summary in English] Vest.khir.  
79 no.11:48-58 N '57. (MIRA 11:3)

1. Iz kliniki obshchey khirurgii (nach.-prof. V.I.Popov) i kafedry  
farmakologii (nach.-prof. N.V.Lazarev) Voenno-meditsinskoy ordena  
Lenina akademii im. S.M.Kirova. Adres avtora: Leningrad, 31, ul.  
Yefimova, d.6, kv.30.

(ANESTHESIA

potentiated with lytic cpd. in surg. (Rus)

D'YACHENKO, P.K., kand.med.nauk (Leningrad, 31, ul. Yefimova, d.6, kv.30);  
VINOGRADOV, V.M.

Acute pulmonary edema in intrathoracic surgey [with summary in  
English]. Vest.khir. 82 no.1:36-44 Ja '59.

(MIRA 12:2)

1. Iz kliniki obshchey khirurgii (nach. - prof. V.I. Popov) i  
kafedry farmakologii (nach. - prof. N.V. Lazarev) Voenno-meditsin-  
skoy ordena Lenina akademii imeni S.M. Kirova.

(THORAX, surg.

compl., acute pulm. edema (Rus))

(PULMONARY EDEMA, etiol. & pathogen.

intrathoracic surg. (Rus))

ARBUZOV, Sergey Yakovlevich, prof.; VINOGRADOV, V.M., red.; SHEVCHENKO,  
P.Ya., tekhn.red.

[Awakening and antinarcotic action of stimulators of the nervous  
system] Probuzhdaishchee i antinarkoticheskoe delstvie stimu-  
liatorov nervnoi sistemy. Leningrad, Gos.izd-vo med.lit-ry,  
Leningr.otd-nie, 1960. 268 p. (MIRA 13:7)  
(STIMULANTS) (NERVOUS SYSTEM)

KUPRIYANOV, P.A.; VINOGRADOV, V.M.; MESHCHERYAKOV, N.A.; UVAROV, B.S.;  
SHANIN, Yu.N.

Demands of contemporary anesthesiology on pharmacology and pharmaceutical  
chemistry. Vest. khir. 84 no. 4:86-93 Ap '60. (MIRA 14:1)  
(ANESTHESIOLOGY) (PHARMACÓLOGY)

VINOGRADOV, V.M., kand.med.nauk; D'YACHENKO, P.K., kand.med.nauk;  
RAZUMETEV, A.N., kand.med.nauk

Localization of the primary focus of inhibition in pain trauma  
and hemorrhage in connection with the problem of shock. Vest.  
khir. 85 no.11:58-69 N '60. (MIRA 14:2)

1. Iz kafedry farmakologii (zav. - doktor med.nauk T.A. Mel'nikova) Leningradskogo khimiko-farmatsevticheskogo instituta, kafedry obshchey khirurgii (nach. - prof. V.I. Popov) i kafedry farmakologii (zav. - prof. N.V. Lazarev) Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.  
(PAIN) (HEMORRHAGE) (SHOCK)

KOVALENKO, Valentin Nikolayevich; VINOGRADOV, V.M., red.; RULEVA, M.S.,  
tekh. red.; CHUNAYEVA, Z.V., tekh. red.

[Pharmacology textbook for medical schools] Uchebnik farmakologii  
dlia meditsinskikh uchilishch. Izd.4., dop. i perer. Leningrad,  
Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 326 p.  
(MIRA 14:9)

(PHARMACOLOGY)



VINOGRADOV, Vasilii Mikhaylovich; D'YACHENKO, Petr Konstantinovich;  
GRIGOR'YEV, M.S., red.; KHARASH, G.A., tekhn.red.

[Principles of clinical anesthesiology; general anesthesiology]  
Osnovy klinicheskoi anesteziologii; obshchaya anesteziologiya.  
Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1961.  
358 p. (MIRA 14:6)

(ANESTHESIOLOGY)

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L.,  
prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENEYEVA, Z.I., kand.  
med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L.,  
kand. med. nauk; GINETSIN'SKIY, A.G., prof.; GORISOVITSKIY, S.Ye.,  
prof.; GREBENKINA, M.A., dotsent; GREKH, I.F., dots.; DENISENKO,  
P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESYANIKOV,  
V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand.  
med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.;  
KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV,  
A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV, N.V.,  
prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.;  
MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY,  
Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIPOK, V.P., prof.;  
PERSHIN, G.N., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A.,  
prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.;  
ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.;  
SALYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, A.R., kand. biol. nauk;  
TIUNOV, L.A., kand. med. nauk; TOMILINA, T.N., dots.; FELISTOVICH,  
G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA,  
R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I.,  
prof.;

(Continued on next card)

ABRAMOVA, Zh.I.--(continued) Card 2.

CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;  
YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;  
NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUHAYEVA,  
Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad,  
Medgiz. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii medi-  
tsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy,  
Planel'yes).

(PHARMACOLOGY)

YEFROYMOVICH, Yu.Ye.; VINOGRADOV, V.M.; PIROZHNIKOV, V.Ye.; DANISHEVSKIY, S.K.

Using refractory tips in controlling the temperature of the lining of  
steel smelting arc furnaces with thermocouples. Ogneupory 26  
no. 4:181-184 '61. (MIRA 14:5)

1. TSentral'naya laboratoriya avtomatiki Glavproyektmontashavtomatiki.  
(Smelting furnaces) (Thermocouples)

KUZNETSOV, Sergey Georgiyevich; GOLIKOV, Sergey Nikolayevich;  
VINOGRADOV, V.M., red.; KHARASH, G.A., tekhn. red.

[Synthetic atropinelike substances] Sinteticheskie atropino-  
podobnye veshchestva. Leningrad, Medgiz, 1962. 223 p.  
(MIRA 15:8)

(Parasympatholytics)

ANICHKOV, Sergey Viktorovich, prof., red.; VINOGRADOV, V.M., red.;  
KHARASH, G.A., tekhn. red.

[Pharmacology of new sedatives and their clinical use] Farmakologiya  
novykh sedativnykh sredstv i ikh klinicheskoe primeneniye; sbornik  
rabot. Leningrad, Medgiz, 1962. 227 p. (MIRA 15:6)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Anichkov).

(TRANQUILIZING DRUGS) (SEDATIVES)

D'YACHENKO, Petr Konstantinovich; VINOGRADOV, Vasiliy Mikhaylovich;  
GRIGOR'YEV, M.S., red.; KHARASH, G.A., tekhn. red.

[Specialized anesthesiology; selection of the method of  
anesthesia] Chastnaia anesteziologiya; vybor metoda obezbo-  
vaniia. Leningrad, Medgiz, 1962. 407 p. (MIRA 15:12)  
(ANESTHESIOLOGY)

VINOGRADOV, V.M.

Connection of resorptive action with local anesthetic activity in a series of acylated derivatives of novocaine. Trudy Len.khim.-farm.inst. no.13:193-196 '62. (MIRA 15:10)

1. Kafedra farmakologii Leningradskogo khimiko-farmatsevticheskogo instituta (zav. prof. T.A.Mel'nikova). (NOVOCAINE)



BELEN'KIY, Maks L'vovich; VINOGRADOV, V.M., red.; LEBEDEVA, Z.V.,  
tekhn. red.

[Elements of quantitative evaluation of the pharmacological  
effect] Elementy kolichestvennoi otsenki farmakologicheskogo  
effekta. 2. izd., perer. i dop. Leningrad, Medgiz, 1963.  
148 p. (MIRA 16:10)

(PHARMACOLOGY)

SHUPINSKAYA, Mariya Dmitriyevna; KARPOVICH, Vera Nikiforovna;  
VINogradov, V.M., red.; BUGROVA, T.I., tekhn. red.

[Pharmacognosy] Farmakognoziia. Izd.3., perer. i dop.  
Leningrad, Medgiz, 1963. 365 p. (MIRA 17:1)

TIMOFEYEV, V.V.; D'YACHENKO, P.K.; VINOGRADOV, V.M.; GERASYUTENKO, V.I.

Ganglionic block without hypotension. Sov. med. 27 no.10:25-31  
O '63. (MIRA 17:6)

1. Iz kliniki obshchey khirurgii (nachal'nik -- prof. V.I. Popov)  
i kafedry farmakologii (zav. -- prof. S.Ya. Artuzov) Voenno-  
meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

UVAROV, B.S., kand.med.nauk (Leningrad, pr.Karla Marks, d.7,kv.7)  
VINOGRADOV, V.M., kand.med.nauk.

Some recent problems in anesthesiology. Vest.khir.90 no.2:  
149-153 F'63. (MIRA 16:7)

1. Iz kafedry anesteziologii (nachal'nik - prof. P.A. Kupriyanov)  
i kafedry farmakologii (nachal'nik - prof. S.Ya.Arbuzov) Voen-  
no-meditsinskoy ordena Lenina akademii imeni Kirova.  
(ANESTHESIOLOGY)

KARASIK, Vladimir Moiseyevich; VINOGRADOV, V.M., red.

[Past and present of pharmacology and medicinal therapy;  
historical study of the opinions on the essence of the  
therapeutic effect of drugs] Proshloe i nastoiashchee  
farmakologii i lekarstvennoi terapii; istoricheskii ocherk  
vozzrenii na sodержanie lechobnogo effekta lekarstv. Le-  
ningrad, Meditsina, 1965. 183 p. (MIRA 18:4)

ROZENTSVEYG, Pavel Efraimovich; VINOGRADOV, V.M., red.

[Technology of drugs] Tekhnologiya lekarstvennykh form.  
Izd.4., perer. i dop. Leningrad, Meditsina, 1965. 425 p.  
(MIRA 18:5)

VINGRADOV, V.M., dotsent; D'YACHENKO, P.K., kand. med. nauk; TIMOFFEYEV, V.V.,  
kand. med. nauk; FROLOV, S.F., kand. med. nauk

Fundamental aspects of the use of gangliolytics in surgery. Vest. khir.  
93 no.9:93-100 S '64. (MIRA 18:4)

1. Iz kafedry farmakologii (zav. - prof. S.Ya.Arbuzov) i kliniki  
obshchey khirurgii (nachal'nik - prof. V.I.Popov) Voyenno-medi-  
tsinskoy ordena Lenina akademii imeni Kirova i kafedry torakal'noy  
khirurgii i anesteziologii (zav. - prof. S.A.Gadzhiyev) Leningradskogo  
ordena Lenina instituta usovershenstvaniya vrachey imeni Kirova.

L 40976-66 EWP(c)/EWP(k)/EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(l)/ETI/EWP(h) BC/JD  
ACC NR: AP6027288 SOURCE CODE: UR/0130/66/000/008/0023/0025 60

AUTHOR: Yefroyimovich, Yu. Ye.; Pirozhnikov, V. Ye.; Kablukovskiy, A. F.; Vinogradov, V. M. B

ORG: Central Laboratory of Automation (Tsentral'naya laboratoriya avtomatiki); Ministry of Ferrous Metallurgy SSSR (Ministerstvo chernoy metallurgii SSSR)

TITLE: System for programmed control of the electroslag melting process M K

SOURCE: Metallurg, no. 8, 1966, 23-25

TOPIC TAGS: metal melting, steel, ~~melting~~, electroslag melting, ~~electroslag melting control~~, automatic control

ABSTRACT: The Central Laboratory of Automation, in cooperation with the Elektrostal' Plant, has developed a system for programmed control of the electroslag melting process which makes possible complete automation of the process. In this system the process is controlled by time and according to a preset program. The system automatically changes the secondary voltage of the furnace transformer, controls the current according to a preset program within 9-102% of the nominal value with an error not exceeding 3%, interrupts the process for a given time period either by lifting the electrode or by

Card 1/2

UDC: 669.187.6



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ACC NR: AP6027288

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disconnecting the secondary circuit, changes the melting conditions to those of filling the shrinkage cavity, lifts the electrode and disconnects the power when melting is completed, and shows continuously the important conditions of the process. The system has been installed in three electroslag furnaces at the Elektrostal' Plant and has been in operation for two years. This year, the Central Laboratory of Automation, will deliver a series of these systems to other metallurgical plants possessing electroslag furnaces. Orig. art. has: 3 figures. [DV]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5058

*ms*  
Card 2/2

L 07347-67

ACC NR: AP6012159

SOURCE CODE: UR/0413/66/000/007/0077/0078

AUTHORS: Dimakryan, A. M.; Vinogradov, V. M.

22  
B

ORG: none

TITLE: A method for measuring soil moisture. <sup>9M</sup> Class 42, No. 180405

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 7, 1966, 77-78

TOPIC TAGS: moisture measurement, ultrasonic vibration, ultrasonic vibration emitter, soil

ABSTRACT: This Author Certificate presents a method for measuring soil moisture. To simplify the method of obtaining field measurements, soil moisture is determined from the time necessary for passing direct or reflected ultrasonic vibrations from their emitter to the receiver through a given thickness of soil layer, either in the horizontal or vertical direction. Two vertical holes at a small horizontal distance from one another may be used as a base for the emitter and the receiver of the ultrasonic vibrations. To determine the total amount of moisture in the investigated layer of soil, the emitter and the receiver may also be placed on the surface, and the reflector at a desired depth.

Card 1/1a SUB CODE: 08/ SUBM DATE: 28Nov51

UDC: 631.423.2:534.143-8

ACC NR: AP6029035

SOURCE CODE: UR/0413/66/000/014/0051/0052

INVENTORS: Kolchanov, V. A.; Yefroymovich, Yu. Ye.; Vinogradov, V. M.; Kotikov, A. N.; Pirozhnikov, V. Ye.; Malinenko, M. A.; Gunin, I. V.

ORG: none

TITLE: A device for controlling the electric system of an electric slag remelting installation. Class 21, No. 183847 [announced by Central Laboratory of Automation (Tsentral'naya laboratoriya avtomatiki)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 51-52

TOPIC TAGS: slag, smelting furnace, metallurgic furnace, electric equipment, automatic control system

ABSTRACT: This Author Certificate presents a device for controlling the electric system of an electric slag remelting installation based on the Author Certificate No. 139032. The design increases the reliability of the device because of the noncontact readout of the specification. The program mechanism includes a removable program matrix and a secondary matrix made from semiconductor diodes (see Fig. 1). These matrices are electrically connected through a comparison relay. The contacts of this relay are connected with the coil of the step scanner of the program matrix. The program matrix controls (through the relay system) the multiwinding current

UDC: 621.365.2.078

Card 1/2

ACC NR: AP6029035

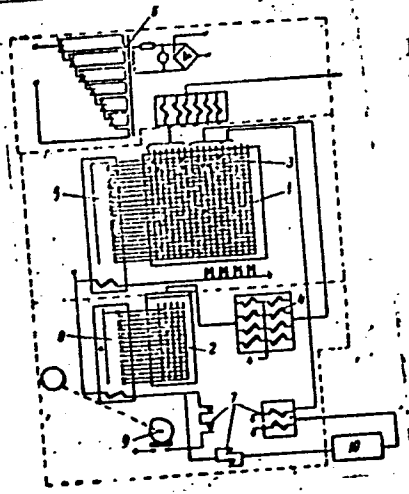


Fig. 1. 1 - removable program matrix; 2 - secondary matrix; 3 - semiconductor diodes; 4 - comparison relay; 5 - step scanner of the program matrix; 6 - multiwinding transformer; 7 - switch; 8 - step scanner of the secondary matrix; 9 - mechanism of the time readout; 10 - switch of the step voltage

transformer and a switch. The switch connects the coil of the step scanner of the secondary matrix either with the mechanism of the time readout or with the switch of the step voltage of the power transformer. Orig. art. has: 1 figure.

SUB CODE: 09.13/ SUBM DATE: 25Feb65

Card 2/2

ACC NR: AP7000917

(N)

SOURCE CODE: UR/0396/66/010/006/0081/0082

AUTHOR:; Pastushenkov, L. V.; Vinogradov, V. M.

ORG: Department of pharmacology/Head-Prof. S. Ya. Arbuzov /, Military-Medical Academy im. S. M. Kirov, Leningrad (Kafedra farmakologii Voyenno-meditsinskoy akademii)

TITLE: Experimental therapy and prophylaxis for acute hypoxia using guanylthiourea

SOURCE: Patologicheskaya fizikologiya i eksperimental'naya terapiya, v. 10, no. 6, 1966, 81-82

TOPIC TAGS: animal experiment, hypoxia, chemotherapy, drug effect, cardiovascular system, respiratory system, animal physiology, dog

ABSTRACT: The effect of guanylthiourea, or "gutimin" (a new preparation with antihypoxic properties) on animals was tested in a pressure chamber (see Table 1). In another series of tests with 6 dogs, the effect of gutimin (doses 25--50 mg/kg) on functional disorders at high altitudes was investigated. When gutimin was given, coordination was disrupted at a higher altitude (average of 1.2 km higher), seizures began 1 km higher, and breathing stopped after 12.9 min (as compared with 1.7 min in controls). EKG's during simulated ascent and at 8--11 km were more normal among animals receiving guanylthiourea. Gutimin is also effective against tissue hypoxia produced by cyanides. A 100 mg/kg dose of gutimin tripled

Card 1/3

ACC NR: AP7000917

Table. 1. The antihypoxic effect of gutimin on different animal species

Animals	Number of animals	Altitude in mg/kg	Dose of gutimin, with subcutaneous injection (in mg/kg)	Percent survival during the observation period (45 min)	Average length of life at high altitudes (in min)
Mice	300	11	Control	0	2.8±0.37
	100	11	100	63	29.8±9.2
Rats	50	12	Control	0	5.3±1.3
	30	12	100	35	20.0±6.4
	15	12	400	75	34.9±2.1
Cats	16	11	Control	—	15.5±6.8
	16	11	50-100	—	36.9±10.8
	11	12	Control	—	7.2±2.9
Dogs	11	12	100	—	14.9±6.8
	10	13	Control	—	4.1±1.7
	10	13	25-50	—	10.3±3.1

Card 2/3

ACC.NR: AP7000917

the life span of animals poisoned with lethal amounts of potassium cyanide. The protective effect of gutimin apparently consists of its ability to decrease oxygen consumption in the animal organism. It was determined that injections of gutimin in doses of 10—25, 50 and 100 mg/kg decreased oxygen consumption in mice by 23.7%, 31.2%, 46.6%, and 55.4%, respectively. Furthermore, gutimin does not impair work capacity or higher nervous activity. At an altitude of 8 km, control mice could work  $1.7 \pm 0.4$  min, and mice given 100 mg/kg of gutimin,  $17.0 \pm 3.2$  min. Orig. art. has: 1 table. [JS]

SUB CODE: 06/ SUBM DATE: 06Oct65/ ATD PRESS: 5110

Card 3/3

AUTHOR: Vinogradov, V. M.

TITLE: Effect of gamma radiation on the hardening of polyesters

SYNOPSIS: Effect of gamma radiation on the hardening of polyesters

TOPIC TAGS: gamma radiation, polymerization, hardening, polyester plastic, polymer

ABSTRACT: The purpose of this work was to increase polymerization of polyesters in the presence of initiators by radioactive interaction. To establish the possibility of improving hardening of pressed parts from unsaturated polyesters, cast specimens were produced. They were hardened with benzoyl peroxide (1%) with the addition of dimethylaniline (0.010%) at room temperature and then heated to 150°C. At 150°C the reaction was completed in 1 hour after the irradiation. The properties of the polymer were studied. The following polymers were studied: polyacrylate + styrene, polyacrylate + styrene, polyacrylate + styrene, polyacrylate + styrene, polyacrylate + styrene. The optimum properties were obtained when they were irradiated with 9-35 Mrad doses, depending on the type of polyester, after

Card 1/2



ACCESSION NR: AP5019558

... destroyed when ... mechanical strength ...

ASSOCIATION: 0000

DOCUMENT ID: 00

NOV 1958

SUB CODE MT, NP

NO REF SOV: 005

OTHER: 006

Co. H 212

VINOGRADOV, V. N.

Application of the calculation and nomogram methods to the indirect analysis of iron and iron oxide mixtures. Yu. V. Karyakin and V. N. Vinogradov. *J. Applied Chem. (U. S. S. R.)* 10, 717-21 (in French 721) (1937); *Chem. (U. S. S. R.)* 10, 717-21 (in French 721) (1937); *C. A.* 31, 972, 4610<sup>9</sup>.—A nomogram, permitting analysis of the mixt. by detg. metallic Fe and total Fe, is given. Four formulas are given for the calcn. of the FeO, Fe<sub>2</sub>O<sub>3</sub> and Fe<sub>3</sub>O<sub>4</sub> contents from the contents of metallic Fe and total Fe. The accuracy of the 200 x 300-mm. nomogram is about 1%. A. A. Podgorny

7

ASST. SEC. METALLURGICAL LITERATURE CLASSIFICATION

VINOGRADOV, V. N. B-I-5

PROCESSES AND PROPERTIES MODELS

BC

Rational analysis of mixtures of iron with its oxides. J. V. KARJANIN and V. N. VINOGRADOV (Zavod. Lab., 1937, 6, 11-15).--The composition of such mixtures is calc. by means of a series of formulae, or of a nomogram, from the Fe<sup>II</sup> and total Fe contents of the sample. R. T.

METALLURGICAL LITERATURE CLASSIFICATION

SERDIY, A.G., redaktor; STEPANYANTS, A.K., professor, redaktor; TIKHO-  
MIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; VINOGRADOV  
V.N., redaktor; CHERNOZHUKOV, N.I., professor, redaktor; SHCHEL -  
KACHEV, V.N., professor, redaktor; CHARYGIN, M.M., professor,  
redaktor; DUNAYEV, F.F., professor, redaktor; KUZMAK, Ye.M.,  
professor, redaktor; MURAV'YEV, I.M. professor, redaktor;  
GUREVICH, V.M., redaktor; MURATOVA, V.M., redaktor, POLOSINA,  
A.S., tekhnicheskii redaktor.

[Sixth scientific and technical conference, 1951] Shestaia  
nauchno-tekhnicheskaya konferentsiya, 1951. Moskva, Gos.nauchno  
tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1952, 214 p.  
(MLRA 8:10)

1. Moscow. Moskovskiy neftianoy institut. Nauchnoye studencheskoye  
obshchestvo.

(Petroleum geology)

SERDIY, A.G., redaktor; TIKHOMIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; STEPANYANTS, A.K., professor, redaktor; VINOGRADOV, V.N. redaktor; CHERNOZHUKOV, N.I., professor, redaktor; SECHENKACHEV V.N., professor, redaktor; CHARYGIN, M.M. professor, redaktor; KUZMAK, Ye.M., professor, redaktor; MURAV'YEV, I.M. professor, redaktor; GUREVICH, V.M., redaktor; MURATOVA, V.M., redaktor; TROPIMOV, A.V., tekhnicheskij redaktor.

[Seventh scientific and technical conference, 1952] Sed'maja nauchno-tekhnicheskaja konferentsija, 1952. Moskva, Gos.nauchno tekhn.isd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 171 p. (MLRA 8:10)

1. Moscow. Moskovskij neftianoy institut. Nauchnoye studencheskoye obshchestvo.  
(Petroleum Geology)

VINOGRADOV, V.N.

ZHIGACH, K.F., prof, red.; MURAV'YEV, I.M., prof. doktor tekhn.nauk, red.;  
TIKHOMIROV, A.A., kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.  
nauk, red.; CHARYGIN, M.M., prof., red.; DUKHAYEV, P.P., prof., red.;  
CHERNOZHUKOV, N.I., prof., red.; KUZMAK, Ye.M., prof., red.;  
CHARNYI, I.A., prof., red.; PANCHENKOV, G.M., prof., red.; DAKHNOV,  
V.N., prof, doktor geologiya-mineralogicheskikh nauk, red.; KAMETKIN,  
N.S., doktor khim.nauk, red.; ALMAZOV, N.A., dots., red.; VINOGRADOV,  
V.N., kand.tekhn.nauk, red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.;  
YAGIYEV, B.I., red.; GURVICH, V.M., red.; DOBRYNINA, N.P., vedushchiy  
red.; MUKHINA, E.A., tekhn.red.

[Proceedings of an interschool conference on problems of new techniques  
in the petroleum industry] Materialy Mezhvuzovskogo soveshchaniya  
po voprosam novoy tekhniki v neftyanoy promyshlennosti. Moskva, Gos.  
nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vo.1.  
[Prospecting and exploitation of oil and gas fields] Razvedka i  
razrabotka neftyanykh i gazovykh mestorozhdenii. 1958. 311 p.

(MIRA 11:4)

1. Mezhvuzovskoye soveshchaniye po voprosam novoy tekhniki v  
nefityanoy promyshlennosti.

(Petroleum engineering) (Gas, Natural--Geology)

KUZMAK, Ye.M., prof. doktor tekhn. nauk, red.; TARAN, V.D., prof., doktor tekhn. nauk, red.; ZHIGACH, K.P., prof., red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A., kand. ekon. nauk, red.; YEGOROV, V.I., kand. ekon. nauk, red.; CHARYGIN, M.M., prof., red.; DUBAYEV, F.F., prof., red.; CHERNOZHUKOV, N.I., prof., red.; CHARNYY, I.A., prof., red.; PANCHEKOV, G.M., prof., red.; DAKHNOV, V.N., prof., NAMETKIN, N.S., doktor khim. nauk, red.; ALMAZOV, N.A., dots., VINOGRADOV, V.N., kand. tekhn. nauk, red.; BIRYUKOV, V.I., kand. tekhn. nauk, red.; TAGIYEV, E.I., red.; GUREVICH, V.M., red.; GOR'KOVA, A.A., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Proceedings of the conference of technical schools on the problems of new equipment for the petroleum industry] Mezhvuzovskoe soveshchanie po voprosam novoi tekhniki v neftianoi promyshlennosti. 1958. materialy... Moskva, Gos. nauchno-tekhn. izd-vo nef. i gornotoplivnoi lit-ry. Vol. 3. [Manufacture of petroleum industry equipment] Neftianoe mashinostroenie. 1958. 222 p. (MIRA 11:11)  
(Petroleum industry--Equipment and supplies)

VINOGRADOV, V. N.

CHERNOZHUKOV, N.I., prof., doktor tekhn.nauk, red.; ZHIGACH, K.F., prof.,  
otvetstvennyy red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A.,  
kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.nauk, red.; CHARYGIN,  
M.M., prof., red.; DUNAYEV, F.F., prof., red.; KUZMAK, Ye.M., prof.,  
red.; CHARINYY, I.A., prof., red.; PANGHENKOV, G.M., prof., red.;  
DAKHNOV, V.N., prof., red.; NAMEDKIN, N.S., doktor khim.nauk, red.;  
ALMAZOV, N.A., dots., red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.;  
BIRYUKOV, V.I., kand.tekhn.nauk, red.; TAGIYEV, E.I., red.; GUREVICH,  
V.M., red.; ZAMARAYEVA, K.M., vedushchiy red.; MUKHINA, E.A., tekhn.  
red.

[Materials of the Interuniversity Conference on Problems of New  
Practices in the Petroleum Industry] Materialy mezhvuzovskogo  
soveshchaniya po voprosam novoy tekhniki v neftyanoy promyshlen-  
nosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi  
lit-ry. Vol.2. [Petroleum refining] Pererabotka nefti. 1958. 289 p.  
(MIRA 11:6)

1. Mezhvuzovskoye soveshchaniye po voprosam novoy tekhniki v  
neftyanoy promyshlennosti. 1956.  
(Petroleum--Refining)



VINOGRADOV, V.N., kand.tekhn.nauk; MARKHASIN, E.L., kand.tekhn.nauk;  
SHRYBER, G.K., kand.tekhn.nauk

Optimum carbon content of steel suitable for manufacturing cone  
bits. Trudy MNI no,20:165-171 '57. (MIRA 13:5)  
(Boring machinery) (Steel--Analysis)

VINOGRADOV, V. N.,

Vinogradov, V. N., E. L. Markhasin, and G. K. Shreyber.  
"Optimal Content of Carbon in Steel Used for Cutters of Rock Bits"

Problems of Petroleum Production and Petroleum Engineering, Moscow, Neftyanoy  
institut, Gostoptekhizdat, 1957, 393pp. (Trudy vyp. 20)  
This book is a collection of articles written by professors and faculty members  
of the Petroleum Inst. in I. M. Gubkin.

CHERNOZHUKOV, N.I., prof., doktor tekhn.nauk, red.; ZHIGACH, K.F., prof., red.; MURAV'YEV, I.M., prof.,red.; TIKHOMIROV, A.A., kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.nauk, red.; CHARYGIN, M.M., prof., red.; DUNAYEV, F.F., prof., red.; KUZMAK, Ye.M., prof., red.; CHARNYY, I.A., prof., red.; PANCHENKOV, G.M., prof., red.; DAKHNOV, V.N., prof., red.; NAMETKIN, N.S., doktor khim.nauk, red.; ALMAZOV, N.A., dotsent, red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.; TAGIYEV, E.I., red.; GUREVICH, V.M., red.; ZAMARAYEVA, K.M., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Petroleum refining; articles] Pererabotka nefi; materialy. Moskva. Gos.nauchno-tekhn.izd-ve nefi. i gorno-toplivnoi lit-ry. Vol.2. 1958. 289 p. (MIRA 12:1)

1. Meshvuzovskoye soveshchaniye po voprosam novej tekhniki v nefyanoy promyshlennosti, Moscow, 1956. 2. Moskovskiy nefyanoy institut (for Chernozhukov, Panchenkov). (Petroleum--Refining)

VINOGRADOV, V.N.; SOROKIN, G.M.

Wear and breakdown of supporting surfaces of small diameter bits.  
Trudy MINKHIGP no.29:3-10 '60. (MIRA 13:12)  
(Boring machinery) (Mechanical wear)

ZHIGACH, K.F., prof., otv.red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A., kand.ekonom.nauk; red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.; SIDORENKO, N.V., red.; BRENTS, A.D., red.; CHARYGIN, M.M., prof., red.; DUNAYEV, F.F., prof., red.; CHARNYI, I.A., prof., red.; CHERNOZHUKOV, N.I., prof., red.; KUZMAK, Ye.M., prof., red.; DAKHNOV, V.N., prof., red.; PANCHENKOV, G.M., prof., red.; NAMSTKIN, N.S., prof., red.; TAGIYEV, E.I., prof., red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.; YEGOROV, V.I., kand.tekhn.nauk, red.; ALMAZOV, N.A., dotsent, red.; GUREVICH, V.M., red.; ISAYEVA, V.V., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Development of the gas industry of the U.S.S.R.; from the proceedings of the Interuniversity Scientific Conference on the Problems of the Gas Industry] Mezhvuzovskaya nauchnaya konferentsiya po voprosam gazovoi promyshlennosti. Razvitie gazovoi promyshlennosti SSSR; materialy. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry, 1960. 405 p. (MIRA 13:11)

1. Mezhvuzovskaya nauchnaya konferentsiya po voprosam gazovoi promyshlennosti. 2. Glavgaz SSSR (for Brents). 3. Moskovskiy institut neftekhimicheskoi i gazovoi promyshlennosti im. akad.Gubkina (for Charygin, Charnyy).

(Gas industry)

VINOGRADOV, V.N.; SHREYBER, G.K.; SOROKIN, G.M.

Interaction between the roller teeth of a drill bit and the well  
bottom. Trudy MINKHIGP no.35:8-13 '61. (MIRA 14:11)  
(Boring machinery)

VINOGRADOV, V.N.; SHREYBER, G.K.; SOBOLEV, D.Ya.

Certain regularities in the abrasive wear of plastics. *Izv.vys.ucheb.  
zav.;neft' i gaz* 6 no.11:102-105 '63. (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
imeni akademika I.M.Gubkina.

KERSHENBAUM, Ya.M.; VINOGRADOV, V.N.

Petroleum machinery construction. Neft. khoz. 42 no.9/10:  
114-117 S-O '64. (MIRA 17:12)



VINOGRADOV, V.N.; SHREYBER, G.K.; SOROKIN, G.M.

Wear and failure of the teeth of bit rollers. Izv. vys. ucheb. zav.;  
neft' i gaz 7 no.7:95-99 '64. (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
im. akad. I.M. Gubkina.

VINOGRADOV, V.N.; SHREYBER, G.K.; SOROKIN, G.M.

Investigating wear and failure of the teeth of bit rollers.  
Neft. khoz. 42 no.7:14-17 J1 '64. (MIRA 17:8)

VINOGRADOV, V.N.; SHREYBER, G.K.; SOROKIN, G.M.

New steel for the production of bit rollers. Trudy MINI HIGP  
46:101-104 '64. (MIRA 17:6)

L 25367-65 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(b)  
ACCESSION NR: AR5005071

JD/ZM

S/0277/64/000/011/0005/0005

SOURCE: Ref zh. Mashinostroitel'nyye materialy, konstruktsii i raschet detaley mashin. Otd. vyp., Abs. 11 48.28

26  
B

AUTHOR: Vinogradov, V. N.; Antonov, A. A.

TITLE: Some problems of metal wear in abrasive air streams

CITED SOURCE: Tr. Mosk. in-t neftekhim. i gaz. prom-sti, vyp. 46, 1964, 137-149

TOPIC TAGS: wear resistance, abrasion, airstream, angle of attack

TRANSLATION: The design and a description are given for a device which has been planned to test for wear caused by abrasive air streams. The kinetics of the interaction between the abrasive air stream and a flat surface were studied in relationship to the angle of attack, and the dynamics of the process were also considered. It is pointed out that there are two mechanisms in the process of wear by an abrasive air stream as a function of the angle of attack: impact wear (at relatively large angles of attack) and impact-sliding wear (at relatively small angles). The relationship between the intensity of wear and the angle of attack, which has the form of a curve with a region of inflection, is explained by these

Card 1/2

L 25367-65

ACCESSION NR: AR5005071

mechanisms of the wear process. The wear resistance of steels depends to a great extent on their hardness. In the case of impact-sliding wear, particularly at small angles of attack, hardness increases the resistance of the steel to wear of this type. Within the range of angles which correspond to the impact process, hardness and brittleness lower the resistance to wear.

SUB CODE: MAI, ME

ENTR: 10

Card 2/2

TAGIYEV, E.I.; VINOGRADOV, V.N.; NURGALIEV, R.M.; KISHIGIN, A.V.

Wear of the parts of hydraulic percussive equipment and a unit for testing them for durability. *Izv.vys.ucheb.zav.; nef' i gaz* 7 no.4:116-119 '64. (MIRA 1965)

I. Moskovskiy institut nef'tekhnicheskoy i gazovoy promyshlennosti imeni akademika Gubkina.

VINGERALOV, V.S.; SHUYBER, G.K.; SOBKIN, G.M.

Steel for the manufacture of small bit rollers. Izv. vys.  
zav., neft' i gaz 7 no.6:73-78 '64. (MIRA 17:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promysh-  
lennosti imeni Akademika Gubkina.

ACCESSION NR: AP4039948

8/0191/64/000/006/0041/0044

AUTHOR: Vinogradov, V. N.; Shreyber, G. K.; Sobolev, D. Ya.

TITLE: Wear of fiberglass upon grinding with unmounted abrasive

SOURCE: Plasticheskiye massy\*, no. 6, 1964, 41-44

TOPIC TAGS: fiberglass, wear resistance, polyester binder, phenolic binder, unfilled resin, glass mat, glass cloth, oriented glass fiber, filler affect, abrasion resistance

ABSTRACT: The wear resistance of fiberglass containing glass of different structures and polyester and phenol binders, when ground with unmounted abrasive, was compared. The test stand was arranged so that the abrasive particles falling between two surfaces moving with respect to each other, were wedged therebetween and caused microabrasions. Fiberglass made of BF-4 binder was more wear-resistant than fiberglass of analogous structure prepared from polyester resin PM-1. The unfilled resins had the least wear resistance. Of the glassfilled materials the fiberglass made of glass cloth was the least wear-resistant, followed closely by glass mat in which the wear was very uneven. Oriented glass fibers offered the

Card 1/2



ACCESSION NR: AP4039948

greatest resistance, especially when the fiber was oriented in the direction of the motion of the abrasive. Photographs of the different ground surfaces are given. Orig. art. has: 5 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 002

OTHER: 000

Card

2/2

VINOGRADOV, V.N.

Distribution of the snow cover in Kamchatka. Vop. geog. Kamch.  
no. 2:3-29 '64 (MIRA 19:1)

Eruption cycles of the Kamchatka geysers. Ibid.:70-81

Fourth Congress of the Geographical Society of the U.S.S.R.  
Ibid.:122-124

KURBANOVA, I.A.; VINOGRADOV, V.N.

Thunderstorms in Kamchatka. Voprogos. Kamch. no. 2:116 '64  
(MIRA 19:1)

VINOGRADOV, V. N.: Master Med Sci (diss) -- "Fluorescent microscopy as a forensic-medical method of determining the presence of blood in stains". Khar'kov, 1959. 14 pp (Khar'kov State Med Inst), 200 copies (KL, No 13, 1959, 111)

VINOGRADOV, V.N., prof.; POPOV, V.G., dotsent; SMETNEV, A.S., kand.med.nauk

Treatment of collapse in myocardial infarct. Terap.arkh. 34  
no.3:11-19 '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy terapii (zav. - deystvitel'nyy chlen  
AMN SSSR prof. V.N. Vinogradov) I Moskovskogo meditsinskogo insti-  
tuta imeni I.M. Sechenova.  
(HEART—INFARCTION) (SHOCK)

VINOGRADOV, V IV

LEYZEROVSKAYA, E.G., kand.med.nauk

Significance of the bronchoscopic method in hemoptysis. Sov.med.  
24 no.3:48-52 Mr '60. (MIRA 14:3)

1. Iz kafedry fakul'tetskoy terapii (zav. - deystvitel'nyy chlen  
AMN SSSR prof. V.N.vinogradov) lechebnogo fakul'teta I Moskovskogo  
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.  
(HEMORRHAGE) (BRONCHOSCOPY)

VINOGRADOV, V. N.

SOFIYEVA, I. E.

Significance of determining uropepsin in stomach diseases. *Terap.*  
arkh. 33 no.5:65-68 My '61. (MIRA 14:12)

1. Iz fakul'tetskoy terapevticheskoy kliniki (dir. - deystvitel'nyy  
chlen AMN SSSR prof. V. N. Vinogradov) I Moskovskogo ordena Lenina  
meditsinskogo instituta I. N. Sechenova.

(UROPEPSIN) (STOMACH--DISEASES)

VINOGRADOV V IV  
SOFIYEVA, I.E.

Importance of catechol amines in the pathogenesis of coronary  
insufficiency. Terap.arkh. no.7:3-11 JI '62. (MIRA 15:8)

1. Iz fakul'tetskoy terapevticheskoy kliniki (dir. - deystvitel'-  
nyy chlen AMN SSSR prof. V.N. Vinogradov) I, Moskovskogo ordena  
Lenina meditsinskogo instituta imeni I.M. Sechenova.

(AMINES---PHYSIOLOGICAL EFFECT)  
(CORONARY HEART DISEASE) (NERVOUS SYSTEM, SYMPATHETIC)



VINOGRADOV, V.N.

SHAPIRO, L.B., POPOV, V.G., dotsent; ROMADIN, N.A.; SMETANIN, A.S.;  
BELKIN, V.S.

Treatment and hospitalization of patients with myocardial infarct  
complicated by collapse. Sov.med. 26 no.1:18-21 Ja '63.  
(MIRA 16:4)

1. Iz fakul'tetskoy terapevticheskoy kliniki (dir. -  
deystvitel'nyy chlen AMN SSSR prof. V.N.Vinogradov)  
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.  
Sechenova i Stantsii skoroy meditsinskoy pomoshchi Moskvy  
(nach. L.B.Shapiro).

(HEART—INFARCTION); (SHOCK)

VINOGRADOV, V.N.

~~Significance of I.P.Pavlov's theory for clinical medicine. Ter.arkh.~~  
22 no.6:3-16 Nov-Dec 50. (CIML 20:5)

1. Moscow.

VINOGRADOV, V. N.

SMIRNOV, Ye.I., general-polkovnik meditsinskoy sluzhby, redaktor; YE-  
LANSKIY, N.N., zasluzhennyy deyatel' nauki, professor, general-ley-  
tenant meditsinskoy sluzhby, redaktor; ANICHKOV, N.N., general-leyte-  
nant meditsinskoy sluzhby, redaktor; BURDENKO, N.N., general-polkov-  
nik meditsinskoy sluzhby, redaktor [deceased]; BOLDYREV, T.Ye., ge-  
neral-mayor meditsinskoy sluzhby, redaktor; VINOGRADOV, V.N., redaktor;  
VOVSI, M.S., general-mayor meditsinskoy sluzhby, redaktor; GRIGOLAV, S.S.,  
general-leytenant meditsinskoy sluzhby, redaktor; DAVIDENKOV, S.N., re-  
daktor; DAVYDOVSKIY, I.V., redaktor; DZHANELIDZE, Yu.Yu., general-  
leytenant meditsinskoy sluzhby, redaktor [deceased]; ZAVALISHIN, N.I.,  
general-leytenant meditsinskoy sluzhby, redaktor; KROTKOV, P.G., ge-  
neral-mayor meditsinskoy sluzhby, redaktor; ORBELI, L.A., general-  
polkovnik meditsinskoy sluzhby, redaktor; KUPRIYANOV, P.A., general-  
leytenant meditsinskoy sluzhby, redaktor; PRIOROV, N.N., redaktor;  
SHAMOV, V.N., general-leytenant meditsinskoy sluzhby, redaktor;  
MAKSIMENKOV, A.N., polkovnik meditsinskoy sluzhby; BANSCHCHIKOV, V.M.,  
professor, polkovnik meditsinskoy sluzhby.

[Experience of Soviet medicine during the Great Patriotic War, 1941-  
1945] Opyt sovetsoi meditsiny v velikoi otechestvennoi voine.  
Moskva, Gos. izd-vo med. lit-ry. Vol. 16. 1954. 655 p. (MLRA 7:8)

1. Deystvitel'nyy chlen Akademii nauk SSSR i AMN SSSR (for Anich-  
kov, Burdenko, Orbeli) 2. Deystvitel'nyy chlen AMN SSSR (for Vi-  
nogradov, Vovsi, Grigolav, Davidenkov, Davydovskiy, Dzhanelidze,  
Krotkov, Kupriyanov, Shamov)  
(Extremities(Anatomy)--Wounds and injuries) (Gunshot wounds)

VINOGRADOV, V.N., professor, redaktor; YASTREBTSOVA, N.L., redaktor;  
KYANDZHUMISEVA, E.Z., redaktor; SACHEVA, A.I., tekhnicheskiy  
redaktor;

[Problems in pathology and physiology of the heart] Voprosy  
patologii i fiziologii serdtsa. Pod red. V.N.Vinogradova.  
Moskva, Gos.isd-vo meditsinskoi lit-ry, 1955. 259 p.(MLRA 8:10)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR( for  
Vinogradov)2.Akademiya meditsinskikh nauk SSSR, Moscow.  
(HEART)

VINGRADOV, V.H., prof.

Clinical aspects, prognosis and treatment of acute myocardial infarct.  
Terap. arkh. 29 no.7:3-19 J1 '57. (MIRA 11:4)

1. Deystvitel'nyy chlen akademii meditsinskikh nauk SSSR.  
(MYOCARDIAL INFARCT,  
clin. aspects, progn. & ther. (Rus)

VINOGRADOV, V.N., Geroy Sotsialisticheskogo Truda, zaaluzhennyy deyatel'  
nauki, prof.; SIVKOV, I.I., kand.med.nauk

Indications for mitral commissurotomy. Terap.arkh. 31 no.4:3-17  
Ap '59. (MIRA 14:5)

1. Deystvitel'nyy chlen AMN SSSR (for Vinogradov).  
(MITRAL VALVE—SURGERY)

VINOGRADOV, V.N., prof.; AGABABOVA, E.R.; ZAL'TSMAN, Z.A.

Significance of the study of the interparoxysmal stage of  
rheumatic fever. Terap.arkh. 32 no.8:27-33 Ag '60. (MIRA 13:11)

1. Iz fakul'tetskoy terapevticheskoy kliniki I Moskovskogo ordena  
Lenina meditsinskogo instituta imeni I.M. Sechenova (dir. - deyst-  
vitel'nyy chlen AMN SSSR prof. V.N. Vinogradov).  
(RHEUMATIC FEVER)

VINOGRADOV, V.N., prof. (Moskva); AGABABOVA, E.R., kand.med.nauk (Moskva)

Clinical aspects and diagnosis of the acute phase of rheumatic fever and the interparoxysmal period. Vop.revm. 1 no.2:48-52  
Ap-Je '61. (MIRA 16:4)

(RHEUMATIC FEVER)



VINOGRADOV, V.N.; POPOV, V.G., SMETNEV, A.S.

Some problems in the pathogenesis, clinical aspects and treatment  
of collapses in myocardial infarct. Kardiologiya 3 no.4:17-25  
Jl-Ag'63 (MIRA 17:3)

1. Iz fakul'tetskoy terapevticheskoy kliniki I Moskovskogo  
ordena Lenina meditsinskogo instituta imeni Sechenova.

L 7642-66 EWT(1)/EWA(h)

ACC NR: AP5024984

SOURCE CODE: UR/0286/65/000/016/0045/0045

AUTHORS: Afanas'yev, Yu. V.; Vinogradov, V. N.

ORG: none

23  
B

TITLE: Method for frequency multiplication.<sup>25</sup> Class 21, No. 173809

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 45

TOPIC TAGS: frequency multiplication, volt ampere characteristic

ABSTRACT: This Author Certificate presents a method for multiplying the frequency of sinusoidal electric signals. To multiply a frequency by four times in a wide frequency band, the input signal is converted by a nonlinear resistance with an odd current-voltage characteristic, differentiated, and fed to a quasi-linear resistance with an even current-voltage characteristic (see Fig. 1).

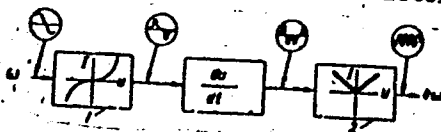


Fig. 1.

Card 1/2

UDC: 621.396.61

L 7642-66

ACC NR: AP5024984

Fig. 1. 1- nonlinear resistance; 2- quasilinear resistance

Orig. art. has: 1 diagram.

SUB CODE: EC/ SUBM DATE: 25Jun62

Card <sup>M1</sup> 272

VINOGRADOV, V.N. (Moskva)

Synthesis of a certain class of optimal systems with consideration  
of the limitation of the controlling action. Avtom. i telem. 26 no.3:  
427-434. Mr '65. (MIRA 18:6)