

KISELEV, A.Ye., dotsent; VINOGRAD-FINKEL', F.R., prof.; RUTBERG, R.A.

Prospects and the scientific and practical significance of equipping blood banks with more modern plastic equipment for the preparation, preservation and transfusion of blood and blood substitutes.  
Probl. gemat. i perel. Krovi 8 no.9:3-12 S '63. (MIRA 17:9)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSR.

VINOGRAD-FINKEL', F.R., prof.; SKOPINA, S.B.; BOLOTNIKOVA, F.I.; GLUZ, D.S.;  
FINNIKOVA, L.V.

Study of problems connected with the organization of mass preparation  
of sterile plastic bags with preservative for a two stage blood  
preservation. Probl. gemat. i perel. Krovi 8 no.9:23-29 S '63.  
(MIRA 17:9)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya  
krovi (dir. - dotsent A.Ye.Kiselev) Ministerstva zdravookhraneniya  
SSSR, Tsentral'nogo nauchno-issledovatel'skogo instituta konservnoy  
promyshlennosti (dir. A.F.Namestnikov) pri Vyschem sovete narodnogo  
khozyaystva SSSR Soveta Ministrov SSSR i Khimiko-farmatsevticheskogo  
zavoda imeni N.A.Semashko (dir. V.I.Antipov).

VINOGRADARSKIY, O.V., kand.med.nauk; IZBINSKIY, A.L., kand.med.nauk;  
VYAZITSKIY, P.O., kand.med.nauk

Significance of the study of gas metabolism in combination  
with controlled physical stress in the evaluation of immediate  
and late results of mitral commissurotomy. Sov.med. 28 no.11:27-  
33 N '65. (MIRA 18:12)

1. Kafedra fakul'tetskoy terapii (nachal'nik - prof. V.A.  
Beyyer) i kafedra khirurgii dlya usovershenstvovaniya vrachey  
No.1 (nachal'nik - prof. A.P.Kolesov) Voenno-meditsinskoy  
ordena Lenina akademii imeni S.M.Kirova, Leningrad.

USSR/Diseases of Farm Animals - Diseases Caused by Viruses  
and Rickettsiae.

R-3

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64658

Author : ~~Vinogradnik, V.I.~~

Inst : -

Title : Aluminum Hydroxide Vaccine Against Swine Plague.  
(10 Years of Its Use in Rumania).

Orig Pub : Mezhdunar. s.-kh. zh., 1957, No 2, 93-97.

Abstract : No abstract.

Card 1/1

- 20 -

L 27631-66 EWT(m)

ACC NR: AP6018368

SOURCE CODE: UR/0241/66/011/001/0015/0023

AUTHOR: Bogoyavlenskaya, M. P.; Sukyasyan, G. V.; Vinograd-Finkel', V. R.;  
Rodina, R. I.; Krasnyukova, L. I.

23  
B

ORG: Central Order of Lenin Institute of Hematology and Blood Transfusion, Ministry of Health SSSR, Moscow (Tsentral'nyy ordena Lenina institut gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR)

TITLE: Donor bone marrow transfusion in the complex therapy of patients with radiation sickness developed as a result of radiation therapy 19

SOURCE: Meditsinskaya radiologiya, v. 11, no. 1, 1966, 15-23

TOPIC TAGS: bone marrow, radiotherapy, radiation sickness, hematopoiesis, therapeutics, blood

ABSTRACT: Seven patients -- six men and one woman -- previously radiation-treated with doses of 8,000-11,700 r for malignancies of different localization and with acute radiation sickness as a result were administered bone marrow transfusions. The bone marrow was taken from donors immediately before the administration of the transfusions and treated with a six percent solution of sodium citrate. Blood compatibility tests were carried out prior to the transfusions. The transfusion techniques were as follows: the infusions were made into the sternum with a single administration of 70 to 170 milliliters of bone marrow containing one to 4.8 billion nucleus-containing cells. Pain was prevented by the preliminary

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UDC: 616-001.28-02:615.8491-805.361.018.46

L 27631-66

ACC NR: AP6018368

administration of 2-3 milliliters of a 0.5 percent solution of novocain. All of the patients tolerated the transfusions well. Only slight reactions in the form of chills, headaches, tachycardia, and a rise in temperature were noted. Considerable improvement which occurred in several stages was noted in the patients. The initial stage was marked by an increase in the number of granulocytes, the cessation of hemorrhaging, and a general improvement of the patients; by the end of the first and beginning of the second week a unique hemopoietic reaction developed: leukopenia accompanied by hypogranulocytosis and agranulocytosis developed; this was not regarded, however, as complication, for it was succeeded by an improved blood picture; between the third and seventh weeks the leukocyte formula acquired a normal character, hemopoiesis was activated, and a general improvement in the condition of the patients which was parallel to the increase in the number of granulocytes was observed. The results were even more striking if the fact that the patients were in a serious condition when they entered the clinic is taken into account. Observations established also that bone marrow transfusions with less than two billion cells are not very therapeutically effective. Observations continued for periods of 3 months to 4 years demonstrated the stability of the results. Further study of this method of acute radiation sickness therapy is urged. Orig. art. has: 1 figure and 5 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Sep64 / ORIG REF: 004 / OTH REF: 005

Card 2/2

30974. VINOGRADOR, V. V.

Iz Istorii perelivaniya syvorotki. Khirurgiya, 1949, No. 9, s. 79-81-  
Biblioyr'. 8 nazv.

MITIN, P.; VINOGRADOV, A.

Needs of the Zaporozh'ye refractories industry. *MTD 6* no.6:  
20-22 Je '64. (MIRA 17:8)

1. Direktor Zaporozhskogo ognepurnogo zavoda (for Mitin).
2. Uchenyy sekretar' seksii ogneporov Tsentral'nogo pravleniya nauchno-tekhnicheskogo obshchestva chernoy metallurgii (for Vinogradov).



VINOGRADOV, A.

Letter to a foreman. Prof.-tekh, obr. 21 no.2:26 F '64. (MIRA 17:9)

1. Zamestitel' nachal'nika Kuybyshevskogo oblastnogo upravleniya  
professional'no-tehnicheskogo obrazovaniya.

VINOGRADOV, A., inzh.

Put order in replacement of equipment and supplies. Rech. transp.  
21 no.2:11-13 F '62. (MIRA 15:3)  
(Ships--Equipment and supplies)

KHARITONOV, A., polkovnik; VINOGRADOV, A., polkovnik

On the river bank. Voen. vest. 42 no.8:26-30 Ag '62.

(MIRA 15:7)

(Attack and defense (Military science))

VINOGRADOV, A., inzh.

Improving ultrasonic measurements. Avt. dor. 28 no.4:27 Ap '65.  
(MIRA 18:5)

VINOGRADOV, A.; SPISOVSKIY, V.; BORODINSKIY, S., red.; YURGANOVA, M.,  
tekh. red.

[How to search for gold deposits] Kak iskat' zolotye mestorozhdenia.  
Chita, Chitinskoe knizhnoe izd-vo, 1960. 28 p. (MIRA 14:10)  
(Gold ores)

KHARYCHEV, Aleksey Ivanovich; VINOGRADOV, A., red.; BORUNOV, N.I.,  
tekh.red.

[Maintenance and repair of electrical equipment at peat works]  
Remont elektrooborudovaniia na torfopredpriiatiakh. Moskva,  
Gos.energ.izd-vo, 1959. 109 p. (MIRA 12:12)  
(Peat industry--Equipment and supplies)

VINOGRADOV, A.

Leading men in military education. Voen.znan. 25 no.6:4  
Je '59. (MIRA 12:12)

1. Predsedatel' komiteta Dobrovol'nogo obshchestva sodeystviya  
armii Kuntsevskogo zavoda im. Kommunisticheskogo Internatsionala  
Molodezhi.

(Military education)

AUTHOR:

Vinogradov, A.

SOV-27-58-10-21/31

TITLE:

A Thorough Study of the History of the Professional Technical Education is Needed (Tvorcheski izuchat' istoriyu professional'no-tekhnicheskogo obrazovaniya). The Question of the Study of Materials on the Development of Professional Education in the USSR (K voprosu ob izuchenii materialov po razvitiyu professional'nogo obrazovaniya v SSSR)

PERIODICAL:

Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 10, pp 27-29 (USSR)

ABSTRACT:

The author indicates the method of study of the history of the development of professional technical education in the USSR. This study needs to take into consideration the historical circumstances under which every governmental decision was taken.

1. Universities—Development 2. Universities--History

Card 1/1



POSTEL'NIKOV, S.S.; BEREZKIN, V.I.; VINOGRADOV, A., redaktor; ZHURAV-  
LEV, A., tekhnicheskii redaktor.

[Automobile racing] Avtomobil'nye sorevnovaniia. Moskva, Izd-vo  
DOSAAP, 1952. 108 p. [Microfilm] (MLRA 7:11)  
(Automobile racing)

VINOGRADOV, A.

In automobile and motorcycle clubs. Za rul. 14 no.8:8 '56.  
(MLRA 10:9)

1. Nachal'nik Moskovskogo avtomobil'no-mototsikletnogo kluba.  
(Automobiles) (Motorcycles)

VINOGRADOV, A.; GAPONOV, V.; VOLOSHIN, A., inzh.; FUSHKIN, D., instruktor;  
IGNATENKO, N.; IVANOV, A.; MALANCHENKO, I.; BUBLEY, Ye.; SHABAD, M.

Readers' letters. NTO 3 no.8:54-55 Ag '61. (MIRA 14:9)

1. Chlen byuro avtodorozhnoy seksii Leningradskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva gorodskogo khozyaystva i avtotransporta (for Gaponov). 2. Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva mukomol'noy i krupyanoy promyshlennosti i elevatornogo khozyaystva (for Pushkin). 3. Predsedatel' Belgorodskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti (for Ignatenko). 4. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva "Len-energo" (for Shabad).  
(Technological innovations)

VINOGRADOV, A.

Introducing new and advanced suggestions. NTO 4 no.11:11 N  
'62. (MIRA 16:1)

1. Chlen Moskovskogo pravleniya Nauchno-tehnicheskogo obshchestva  
chernoy metallurgii.  
(Solnechegorsk--Technological innovations)

VINOGRADOV, A.

Improve the organization of material and equipment supplies. Rech.  
transp. 20 no.6:8-9 Je '61. (MIRA 14:6)

1. Zamestitel' nachal'nika Glavsnaba Ministerstva rechnogo flota.  
(Inland water transportation—Equipment and supplies)

VINOGRADOV, A.

~~My experience operating trolley buses.~~ Zhil.-kon.khoz. 4 no.3:  
26-29 '54. (MLRA 7:6)

1. Voditel' Vtorogo trolleybusnogo parka Moskv.  
(Trolley buses)

USSR / Diseases of Fur Animals. Arachno-Entomoses.

R

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 101390

Author : Vinogradov, A. A.

Inst : Omsk Veterinary Institute.

Title : Experimental Elimination of Sheep Itch in Some Kolkhozes.

Orig Pub : Sb. stud. nauchn. rabot. Omskiy vet. in-t, 1957, vyp. 2,  
59-61.

Abstract : No abstract given.

Card 1/1

29

~~VINOGRADOV, Aleksandr Aleksandrovich~~; DOTSENKO, N., vedushchiy redaktor;  
NOVIK, A., tekhnicheskiiy redaktor

Earthwork in the construction area of the Kakhovka Hydraulic Center]  
Proizvodstvo zemlianykh rabot na stroitel'stve Kakhovskogo gidrouzla.  
Kiev, Gos. izd-vo tekhn. lit-ry. USSR, 1956. 83 p. (MLRA 10:4)  
(Kakhovka--Earthwork)



ROZENBERG, A.M.; BAYKALOV, A.K.; VINOGRADOV, A.A.

Machining cast heat-resistant Kh25SN3D steel on lathes. Stan.  
1 instr. 34 no.12:17-19 D '63.

(MIRA 17:11)

DUDAK, N.Ya., inzh.; VINOGRADOV, A.A., inzh.

Making lightweight concrete in construction yards. Bet. 1 zhel.-bet.  
no.6:221-222 Je '58. (MIRA 11:6)

(Lightweight concrete)

VINO GRADOV H. A.

PM

VINOGRADOV, A.A., GUREVICH, S.G., FILIMONOVA, N.V.

Production of acetic acid and acetic anhydride. *Khim. nauka i prom.*  
2 no.1:46-52 '57. (MIRA 10:4)

(Acetic acid) (Acetic anhydride)

VINOGRADOV, A., inzh.

Ultrasonic waves determine the strength of plates. Grazhd.  
av. 20 no.9:27 S '63. (MIRA 16:8)

(Ultrasonic testing)

KRUZHALOV, Boris Dmitriyevich[deceased]; GOLOVANENKO, Boris Ivanovich;  
Prinimal uchastiye KIVA, V.N.; ~~VINOGRADOV, A.A., red.~~;  
GUREVICH, S.G., red.; PANTELEYEVA, L.A., tekhn. red.

[Joint production of phenol and acetone] Sovmestnoe poluchenie fenola i atsetona. Moskva, Goskhimizdat, 1963. 199 p.  
(MIRA 16:12)

(Phenols) (Acetone)

VINGGRADOV, A.A., kand.tekhn.nauk; KRAVTSOV, N.Ya., inzh.

Analysis of a balanced steady mode of operation of a generator  
with excitation from a mechanical rectifier. Trudy VZEI  
no.25:87-102 '64. (MIRA 18:12)

VINOGRADOV, A.A., kand.tekhn.nauk

Determination of the rated loads of voltage transformers for  
general cases. Trudy VZEI no.25:136-149 '64. (MIRA 18:12)



VINOGRADOV, A. A.

105-8-7/20

AUTHOR  
TITLE

VINOGRADOV A.A., Eng.

Optimum Parameters of an Ionic Self-Excitation System for Large Synchronous Generators.

(Optimal'nyye parametry sistemy ionnogo samovzbuzhdeniya sinkhronnykh generatorov - Russian)

Elektrichestvo, 1957, <sup>14</sup> Nr 8, pp 38 - 44 (U.S.S.R.)

PERIODICAL  
ABSTRACT

The here described method for the selection of optimum parameters is based on the analysis of transition processes which develop in the case of a three-phase short circuit with various initial degrees of exciter-voltage. The characteristics and parameters of the ion-nophase compensating reactor. The analysis of the here-obtained relations permits the following conclusions: With an increase in the angle  $\gamma$  (angle of valve commutation) the coefficient  $k_g$  (coefficient of transformation) strongly increases. Consequently the capacity of the primary winding of the series transformer  $S_{g1}$  decreases, whereas that of the secondary winding  $S_{g2}$  slightly increases. The calculated capacity of a series-wound transformer decreases with an increasing angle  $\gamma$  and reaches the lowest values close to the critical angle  $\gamma_{lin} = \frac{\pi}{2}$ . The calculated capacity of a rectifier transformer very slightly increases with increasing  $\gamma$ . In order to reduce the dimensions of a series transformer and to reduce the costs of the equipment it is expedient to determine the parameters of the ion-ex-

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Optimum Parameters of an Ionic Self-excitation System 105-8-7/20  
for Large Synchronous Generators.

exciter in the case of the minimum calculated capacity of the series transformer, or in the case of an equal capacity of the windings, if the minimum of the calculated capacity does not occur in  $\alpha$  angles lying below the limiting value. The determination of the angle  $\alpha = \alpha_{opt}$  optimal, which corresponds to the lowest possible capacity of a series transformer, clearly determines the optimum parameter of the ion-exciter: capacity, voltage and resistance of the windings of both transformers.  
(5 illustrations, 8 Slavic references ).

ASSOCIATION **All-Union Correspondence** Institute of Power Engineering.  
PRESENTED BY  
SUBMITTED  
AVAILABLE Library of Congress.  
Card 2/2

VINOGRADOV, A.A.

Selecting optimum parameters of the system of ionic self-excitation  
in powerful synchronous generators with transitional short circuit  
regime in the stator circuit. Trudy MEI no.29:207-229 '57.

(Electric generators)

(MIRA 13:3)

VINOGRADOV, A.A., inzh.

Signaling the occurrence of ice on 35 kv transmission lines. Elek.  
sta. 29 no.2:88-89 F '58. (MIRA 11:3)  
(Electric lines) (Signals and signaling)

VINOGRADOV, A.A., master

Telemetering the temperature of the VPT-25 turbine-unit bearings.  
Elek.sta. 29 no.9:68 S '58. (MIRA 11:11)  
(Telemetering) (Bearing)

VINOGRADOV, Aleksandr Aleksandrovich; KUPERMAN, V.L., kand. tekhn. nauk, red.;  
SLOBODKINA, G.N., red.; VELITSYN, B.L., tekhn. red.

[Experiment in the organization of the maintenance and repair of  
excavating machines in the construction of hydroelectric power  
plants] Opyt organizatsii tekhnicheskogo obsluzhivaniia i remonta  
zemleroiinykh mashin na stroitel'stve gidroelektrostantsii. Moskva,  
Orgenergostroi, 1959. 54 p. (MIRA 14:11)  
(Excavating machinery—Maintenance and repair)  
(Hydroelectric power stations—Design and construction)

SYROMYATNIKOV, Ivan Arkad'yevich; VINOGRADOV, A.A., red.; LARIONOV,  
G.Ye., tekhn. red.

[Operation of asynchronous and synchronous electric motors]  
Rezhimy raboty asinkhronnykh i sinkhronnykh elektrodvigate-  
lei. Izd.3., perer. i dop. Moskva, Gosenergoizdat, 1963.  
527 p. (MIRA 16:4)

(Electric motors, Induction)

(Electric motors, Synchronous)

I. 18545-66

ACC NR: AP6002180

(N)

SOURCE CODE: UR/0146/65/008/006/0108/0113

32  
BAUTHOR: Vinogradov, A. A.; Fokin, A. V.ORG: Odessa Higher Marine-Engineering School (Odesskoye vyssheye inzhenernoye morskoye uchilishche)TITLE: Centrifugal tangential angular-velocity sensor

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 6, 1965, 108-113

TOPIC TAGS: sensor, angular velocity sensor, automatic control

ABSTRACT: The development is reported of a new sensor (see figure below) which measures simultaneously both the angular velocity and the angular acceleration. Essentially, this is the classical Watt regulator in which axis  $O_3 O_4$  of suspension of weight 1 is turned, together with the weight, about axis  $O_5 O_6$  (which is parallel to  $O_1 O_2$ ) by an angle  $\theta$ ; this design modification permits measuring both the velocity and the acceleration. Differential equations for the dynamics of weight 1 and disk 3 are set up and transformed which results in a single second-order differential equation describing the motion of the entire centrifugal tangential sensor. The sensor is intended for turboprop, turbojet, and diesel engines. Orig. art. has: 1 figure, 30 formulas, and 1 table.

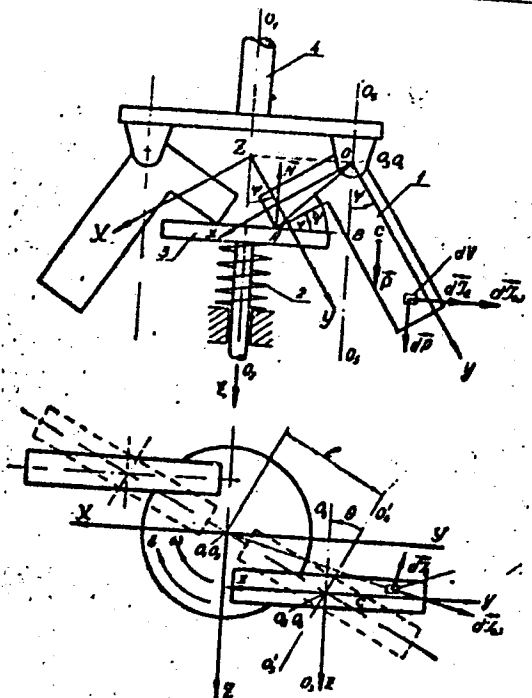
SUB CODE: 13<sup>21/</sup> / SUBM DATE: 11Jul64 / ORIG REF: 005

Card 1/2

UDC: 62-552



L 18545-66  
ACC NR: AP6002180



Card 2/2 mys

VINOGRADOV, A.A.

Decomposability of a certain class of algebras into a direct product of simple algebras. Dokl. AN SSSR 163 no.1:14-17 J1 '65. (MIRA 18:7)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Submitted January 5, 1965.

VINOGRADOV, A.A.

Metabelian partially ordered groups. Uch.zap.Ivan.gos.ped.inst.  
34:20-26 '64. (MIRA 18:4)

ACCESSION NR: AP4026249

8/0122/64/000/003/0065/0068

AUTHORS: Rozenberg, A. M. (Doctor of technical sciences, Professor); Baykalov, A. K. (Candidate of technical sciences); Vinogradov, A. A. (Engineer)

TITLE: Machinability of cast heat-resistant steel EI316 in turning

SOURCE: Vestnik mashinostroyeniya, no. 3, 1964, 65-68

TOPIC TAGS: EI316 steel, cast steel, heat resistant steel, machining, turning, scale, crust, subcrustal layer, VK8 alloy, coolant, tool bit, tool geometry, cutting depth, feed, lead, cutting velocity, metal structure, spraying, pouring

ABSTRACT: This study represents a part of an investigation at Tomskiy politekhnicheskoy institut (Tomsk Polytechnic Institute) dealing with the workability of cast heat-resistant steels. It is intended to provide data on: 1) choosing proper tool bit material; 2) determining the optimal shape of tool bits; 3) selecting proper speeds of feeding and cutting; and 4) determining the relative effectiveness of spraying and pouring coolants onto the cutting tool. EI316 steel from two melts differing somewhat in hardness was investigated. The samples were tubular, 250 mm long, with a 185-mm outside diameter and a 40- to 45-mm wall thickness. They contained flaws and inclusions in both the crust and subcrustal layer and carried heavy scale. Their outer and inner circumferences were nonconcentric.

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36 ACCESSION NR: AP4026249

42 Tool bits carried either inserted or welded hard alloy plates. Cooling was done by either sprayed or poured emulsion (State Standard 1975-53) applied at the rate of 300-400 g/hr. It was determined that up to the lead velocity of 30 m/min there exists a definite relation between the lasting quality of tool bits and both the lead and the feed velocity. For crust removal with the depth of cut 1-5 mm the formula  $v_{cr} = 35.8/T^{0.48} s^{0.57}$  m/min is recommended for cutting velocity [Abstracter's note: terms not clarified]. A characteristic feature of this steel, its subcrustal layer with a fine and uniform structure, is 2-3 times easier to machine than the basic metal. After testing various tool bits, the one carrying a cutting plate of hard alloy VK8 was found most suitable for turning this work. The optimal shape of the tool bit is determined by the following characteristics:  $\gamma = +10^\circ$ ,  $\gamma_r = -10^\circ$ ,  $\lambda = +10^\circ$ ,  $\lambda_r = +10^\circ$ ,  $f = (0.5-0.6)s$  mm. Relation of the tool bit longevity to the rate of feed and the depth of cut is shown in Fig. 1 of the Enclosure. It was determined that there exists an undesirable velocity zone, below and above which the longevity of cutting tool and the progress of metal turning increase markedly. Spraying of 5% emulsion on the rear face of the cutter was found just as effective as the usual pouring of the same coolant, and twice as effective as spraying it on the foremost face of the tool. After taking all the investigated factors into consideration, the authors derive a formula for calculating the cutting speed for basic metal:

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ACCESSION NR: AP4026249

$$v = \frac{C_p}{T_m \cdot v_{s,yv}} \text{ m/min}$$

Orig. art. has: 2 formulas, 4 tables, and 2 graphs.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 20Apr64

ENCL: 01

SUB CODE: ML

NO REF SOV: 001

OTHER: 000

Card 3/43

VINOGRADOV, A.A.

Applicability of a certain relation in a topological group. Alg.  
1 log. 3 no.3:13-15 '64 (MIRA 18:1)

VINOGRADOV, A.A.

Remarks on the theory of partially ordered groups and semigroups.  
Alg. 1 log. 1 no.2:22-29 '62 (MIRA 18:1)



POSTEL'NIKOV, Sergey Sergeevich; VINOGRADOV, A.A., red.; YEFREMOVA, Ye.V.,  
red.; KARYAKINA, M.S., tekhn.red.

[Automobile competition in uniformity of performance (rally)] Avto-  
mobil'nye sorevnovaniia na reguliarnost' dvizheniia (ralli). Moskva,  
Izd-vo DOSAAF, 1959. 127 p. (MIRA 13:4)  
(Automobile racing)

VINOGRADOV, A.A., starshiy prepodavatel'

Methods for calculating the behavior of high-power synchronous  
generators with electronic self-excitation. Trudy VZEI no.9:56-75  
'58. (MIRA 12:10)  
(Electric machinery, Synchronous)

SYROMYATNIKOV, I.A., red.; VINOGRADOV, A.A., red.; BORUNOV, N.I.,  
tekh.n.red.

[Synchronous engines; collected studies] Sinkhronnye  
dvigateli; sbornik statei. Moskva, Gos.energ.izd-vo, 1959.  
222 p. (MIRA 12:8)  
(Electric motors, Synchronous)

VINOGRADOV, A. A.

"Partially Regulated Groups." Thesis for degree of  
Cand. Physicomathematical Sci. Sub 20 Jun 49, Moscow  
State Pedagogical Inst imeni V. L. Lenin.

Summary 82, 18 Dec 52, Dissertations Presented  
For Degrees in Science and Engineering in Moscow in  
1949. From Vechernyaya Moskva, Jan-Dec 1949.

VINOGRADOV, A. A.

Vinogradov, A. A. On the free production of a ...  
 MA SODNIK S 26 ...  
 The fuel resistor of ...  
 The ...  
 Source: Mat...

USSR/Mathematics - Convexity of Space May/June 52

"One Criterion Governing the Uniform Convexity of Space of Type B," S. N. Krachkovskiy, A. A. Vinogradov

"Uspekhi Matemat Nauk" Vol VII, No 3 (49), pp 131-134

A space of type B is called uniformly convex according to S. L. Sobolev, "Application of Functional Analysis to Mathematical Physics," Leningrad State U, 1950) if for every epsilon one can indicate a delta d(e) such that the conditions  $\|x\| = \|y\| = 1, \|x-y\| \leq \delta$  necessitates  $\|(x+y)/2\| \leq 1 - d(e)$ . Geometrically this means that if the lengths of

218768

USSR/Mathematics - Convexity of Space May/June 52 (Contd)

chords of a unit sphere exceed a certain positive number then the arc of these chords is within a certain sphere with radius less than unity. Demonstrates relevant theorems. Submitted 17 Jan 52.

218768

VINOGRADOV, A. A.

VINOGRADOV

Vinogradov, A. A. On the theory of ordered semigroups  
Vys. Zap. Fiz.-Mat. Nauk 4

L 22578-66

ACC NR: AP6012975

SOURCE CODE: UR/0094/65/000/009/0043/0043

AUTHOR: Bol'sham, Ya. M.; Vinogradov, A. A.; Volobrin'skiy, S. D.; Geyler, L. B.;  
Grudinskiy, P. G.; Dolginov, A. I.; Zil'berman, R. I.; Kazak, N. A.; Kletenik, B. I.;  
Knyazev'skiy, B. A.; Livshits, D. S.; Mel'nikov, N. A.; Minin, G. P.; Mukoseyev,  
Yu. L.; Nayfel'd, M. R.; Petrov, I. I.; Ravin, V. I.; Samover, M. L.; Serbinov'skiy,  
G. V.; Syromyatnikov, I. A.

ORG: none

TITLE: Lev Veniaminovich Litvak (on the occasion of his 60th birthday)

SOURCE: Promyshlennaya energetika, no. 9, 1965, 43

TOPIC TAGS: electric engineering personnel, electric power engineering

ABSTRACT: The noted specialist of industrial power production, Candidate of Technical Sciences, Docent of the Correspondence Power Institute Lev Veniaminovich LITVAK began his engineering activity at the Moscow Association of State Electric Stations in 1929. Later he became one of the coauthors of all the "Directives for the increase of the power factor" issued in 1954, 1955, and 1961. He published 70 scientific papers. For his successful activities in defense industries during World War II he was decorated by "Znak Pocheta." After the war he concentrated on scientific-pedagogical work and in recent years worked actively in

Card 1/2



L 22578-66

ACC NR: AP6012975

the Teaching-Methodological Commission of the Ministry of Higher and Intermediate Special Education USSR, for the specialty "Electrical supply to industrial enterprises and cities." Orig. art. has: 1 figure. [JPRS] 0.

SUB CODE: 05, 10, 09 / SUBM DATE: none

Card 2/2

BK

KRIVITSKIY, I.I.; VINOGRADOV, A.A.

Dynamic characteristics of the 7DKRN 74/160 main ship's  
engine. Sudostroenie no. 11:45-48 N 165 (MIRA 19:1)

BOL'SHAM, Ya.M.; VINOGRADOV, A.A.; VOLOBRINSKIY, S.D.; GEYLER, L.B.; GRUDINSKIY,  
P.G.; DOLGINOV, A.I.; ZIL'BERMAN, R.I.; KAZAK, N.A.; KLETENIK, B.I.;  
KNYAZEVSKIY, B.A.; LIVSHITS, D.S.; MEL'NIKOV, N.A.; MININ, G.P.;  
MUKOSEYEV, Yu.L.; NAYFEL'D, M.R.; PETROV, I.I.; RAVIN, V.I.; SAMOVER,  
M.L.; SERBINOVSKIY, G.V.; SYROMYATNIKOV, I.A.

Lev Veniaminovich, 1905; on his 60th birthday. Prom. energ. 20  
no.9:43 S '65. (MIRA 18:9)

EXF(1) PP-1  
ACCESSION NR: AR5009342

37017615/19001002/B099/B099

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya. Sv. 6., Abs. 2B640

AUTHOR: Rozenberg, A. M.; Baykalov, A. K.; Vinogradov, A. A.

TITLE: Peculiarities of shaping of heat resistant cast steel

CITED SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 18, 1963, 113-118

TOPIC TAGS: cast steel shaping, heat resistant steel, cutter sharpening, cutting program geometry, hard alloy selection, VK8 cutter, EI316 steel, 7M37 shaper

TRANSLATION: The authors report the results obtained in a study of the process of shaping cast billets of EI316 steel. Hard alloy cutter, shaper model 7M37, carried out to select appropriate shape of hard alloy and to find optimal geometry for sharpening cutters and the cutting program. It is concluded that surface plating of hard alloy cutters is not necessary. The optimal angle  $\alpha = 10^\circ$ , depth of cut  $t = 0.5 - 0.7$  mm, and cutting speed  $v = 10 - 20$  m/min. The authors also mention that the surface of the workpiece is of high quality. The prepared edge within the range of speeds at  $v = 10 - 20$  m/min. The prepared edge

Card 1/2

L 43539-65

ACCESSION NR: AR5009342

skin on the billet's side surfaces improves the machinability of EI316 steel, a result of the lesser hardness of the casting skin which softens the impact load during the recurrent incisions into the metal. The authors also present an empirical function

$$x = \frac{19.5}{v^{0.25} f^{0.16} a_p^{0.7}} \text{ m/min}$$

obtained for EI316 steel. Three illustrations and 2 tables. S. Pinchuk.

SUB CODE: IB, MM

ENCL: 00

Card 2/2mb

21

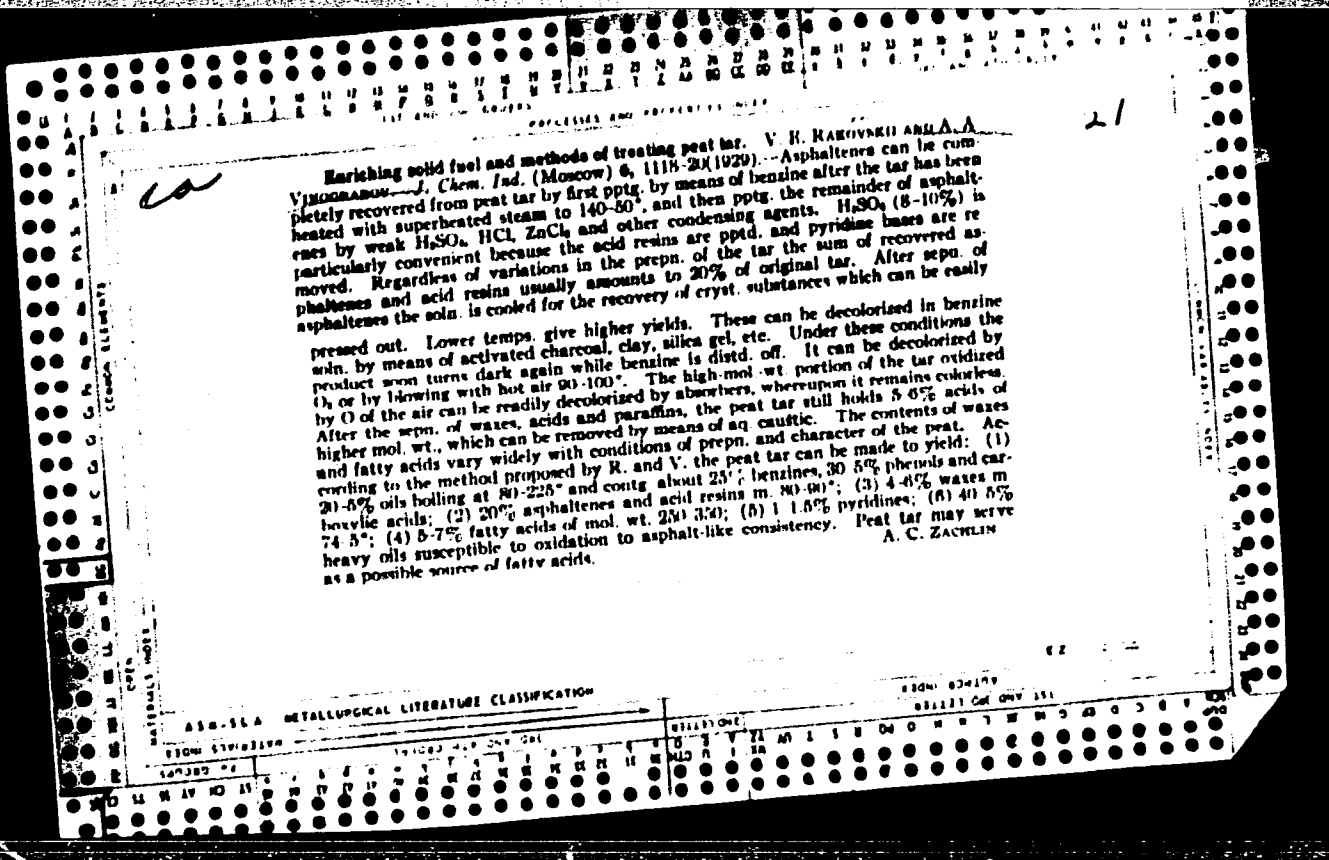
CA

TREATING TAR. V. E. Rakovskii and A. A. Vinogradov. Russ. 25,160, July 5, 1928. Tars obtained from low-temp. and high-temp. carbonisation of peat, brown coal, etc., are steam-distd. to remove light fractions. The residue is dissolved in gasoline and the bottoms left over are treated with a 10-40%  $H_2SO_4$ . The method is characterized by cooling the gasoline soln. to 8-10° to sep. the crustallisable components.. The remaining soln. is treated with a strong alkali, and frationated with steam or under a vacuum. The pareffin is then sepd. from the higher-boiling fractions by cooling and drytn.

PROCESSES AND PROPERTIES INDEX

ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

GROUPS										SUBGROUPS										CLASSIFICATION																															
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ



PROCESSES AND PROPERTIES UNIT

19

*ca*

The effect of using grog fired at a lower temperature on the properties of refractory materials. A. A. Vinogradov. *Ognesorud (Refractories)* 1, No. 6-7, 16-18(1968); *Chem. Zentr.* 1934, 1, 2962.—Samples of Ural clay calcined at 400°, 900°, 1100° and 1350° were used with definite proportions of the same clay to make refractory brick (wet molding). The bricks were all fired at 1350°. The d. of the brick and the firing shrinkage increased with increase in the calcining temp. of the grog. The optimum burning temp. for the grog varied according to the purpose for which it is to be used. M. G. Moore

ASB-15A METALLURGICAL LITERATURE CLASSIFICATION

E-2

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

PROCESSES AND PROPERTIES INDEX

Purifying neutral oils of primary tars. V. E. Rakovskii and A. A. Vinogradov. Russ. 39,778, Nov. 30, 1934.

Tar oils freed from pyridine bases and contg. about 3% phenols is treated with H<sub>2</sub>SO<sub>4</sub>, sepd. from the pptd. acid sludge, heated to 150-250° and distd. with steam or in vacuo.

ASS. I.L.A. METALLURGICAL LITERATURE CLASSIFICATION

147289 72

GROUPS AND SUB-GROUPS

SECTION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

VINOGRADOV, A.

21

Principles of the production and refining of synthetic liquid fuel. A. Vinogradov, S. Ruibin and V. Rakovski. *Trudni Torf. Tuzh.* 1993, No. 16, 130-48; *Chimie & industrie* 35, 1312.—A study of the production of liquid fuel by distn. of crude peat tar and refining of the oils obtained. The results show that it is possible to obtain perfectly soluble products from the neutral oils of primary tar; the higher the b. p. of the oil, the simpler and easier its purification. Refining is easiest with the oils of tars from bituminous peats. For the neutral oils of primary tars of peat from the upper layers, the necessary and sufficient amt. of H<sub>2</sub>SO<sub>4</sub> lies between 3 and 5%. The presence of a small amt. of phenols in the oil to be refined improves appreciably the results of purification. When the oils contain not more than 5% of bases, the latter can be removed by means of spent acid (acid tar); the bases are then sep'd. therefrom by diln. with H<sub>2</sub>O, decantation and neutralization. A. Papineau-Couture

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION



VINGRADOV, A. A., Senior Scientific Worker

Genl. Tech. Sci.

Dissertation: "Separation and Purification of Peat Wax." Moscow Peat Inst, 21 Oct 47.

SO: Vechernyaya Moskva, Oct, 1947 (Project #1730)

ROZENBERG, A.M., doktor tekhn.nauk, prof.; BAYKALOV, A.K., kand.tekhn.nauk;  
VINogradov, A.A., inzh.

Machinability of cast heat-resistant EI316 steel on lathes.  
Vest.mashinostr. 44 no.3:65-68 Mr '64. (MIRA 17:4)

VINOGRADOV, A. A., Cand Tech Sci -- (diss) "Problem of Computation of ~~the~~ Established and Transient <sup>in Modes</sup> Performance of the Synchronous Generator with Ionic Self-Excitation." Mos, 1957. 20 pp (Min of Higher Education USSR, Mos Order of Lenin Power Engineering Inst), 100 copies (KL, 49-57, 112)

- 30 -

L 13527-63 EWP(q)/EWT(d)/EWT(m)/BDS AFFTO/ASD JD

ACCESSION NR: AP3002604

S/0122/63/000/006/0063/0065 62

AUTHOR: Rozenberg, A. M., (Doctor of technical sciences, Prof.);  
Baykalov, A. K., (Candidate of technical sciences, Docent); Vino-  
gradov, A. A. (Engineer)

TITLE: Planing of heat-resistant cast steel, Kh25CN3

SOURCE: Vestnik mashinostroyeniya, no. 6, 1963, 63-65

TOPIC TAGS: planing, heat-resistant cast steel, cutting tool,  
tool steel

ABSTRACT: A study was made at Laboratoriya rezaniya Tomskogo politekhnicheskogo instituta (The Laboratory of Cutting at Tomsk Polytechnic Institute) to find an economical material for the most durable tool bits and to determine the best geometrical shape of bits for machining heat-resistant cast steel. Samples of the heat-resisting steel Kh25CN3 were experimented upon. The following tool steels were tested: VK8, VK6M, T14KV, T7K12 and R18. The depth of the cuts varied from 2 to 5 mm; the influence of the casting scale and the effects of the cutting and feeding speeds on durability of the bits were investigated. The formation of chips was observed in  
Card 1/2



L 13527-63

ACCESSION NR: AP3002604

all experiments. It is concluded that the hard alloy VK8 is the most suitable material for cutting bits, and that the best rear rake angle is 8 to 10 degrees. Orig. art. has: 2 tables and 2 figures, and 2 formulas.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 000

Card 2/2

ROZENBERG, A.M., doktor tekhn. nauk, prof.; BAYKALOV, A.K., kand.  
tekhn. nauk, dotsent; VINOGRADOV, A.A., inzh.

Planing of cast heat-resistant Kh25SN3 steel. Vest. mashinostr.  
43 no.6:63-65 Je '63. (MIRA 16:7)

(Metal cutting)

VINOGRADOV, A.D.; YEVTODIYENKO, Yu.V.

Simple model of a differential spectrophotometer. Vop. ned.  
khim. 11 no.4:99-102 J1-Ag '65. (MIRA 18:8)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo  
universiteta imeni M.V. Lomonosova i Kafedra agrokhimii Moskov-  
skoy sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.

LEVINA, R.Ya.; KOSTIN, V.N.; GEMBITSKIY, P.A.; VINOGRADOV, A.D.

Reactions of cyclopropane hydrocarbons with mercury oxide salts.  
Part 12:  $\gamma$ -Mercurated alcohols from 1,1-dimethyl-2-alkylcyclo-  
propanes. Vest. Mosk. un. Ser. 2:Khim. 16 no.1:67-68 Ja-F '61.  
(MIRA 14:4)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.  
(Mercury organic compounds)

VINGRADOV, A. E.

Morskoe perevozki nefteproduktov. [Shipping of oil products by sea]. (Volnyi transport, 1935, no. 9. p. 26-27).

DLC: HE561.R8

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

VINOGRADOV, A. F.

Subject : USSR/Engineering AID P - 211  
Card : 1/1  
Author : Vinogradov, A. F.  
Title : The Regulation of Pressure in the Main Pipe Line with  
Transfer of Oil from Pump to Pump  
Periodical : Neft. khoz., v. 32, #3, 49-55, Mr 1954  
Abstract : Hydrodynamic conditions in the main oil pipe line are  
graphically analysed for constant and variable rates  
of oil flow between sub-stations with and without  
automatic control of the pressure.  
Institution : None  
Submitted : No date

VIHOGRADOV, A. F.

"Automation at Main Pipe Lines" page 52 of the book Petroleum Bases  
and Pipe Lines, Gostoptekhizdat, 1956

VINOGRADOV, Aleksandr Fedorovich; CHIGAREV, Leonid Ivanovich;  
MORDVINOVA, N.P., inzh., ved. red.; LEVIN, G.E., inzh.,  
red.; SOROKINA, T.M., tekhn. red.

[Scintillation counter with type-B counting system] Stsintillia-  
tsionnye schetchiki so schetnoi ustanovkoi tipa B. Moskva,  
Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 15 p.  
(Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema  
41. No.P-58-23/1) (MIRA 16:2)

(Scintillation counters)



VINOGRADOV, A. F.

PA 61T34

**USSR/Engineering  
Salinometers  
Hydraulic Machinery**

Jan 1948

"Automatic Determination of High Saline Content by a Standard Salinometer With Small Measuring Capacity,"  
A. F. Vinogradov, V. A. Kazakov, All-Union Sci Res Inst for Water Supply, Sewage, Hydrotech Construction and Engr Hydrology, 3 pp

"Zavod Labor" Vol XIV, No 1

Explains construction of a hydraulic apparatus for rapid determination of salt content of concentrated solutions. Apparatus needs further improvement before it is put to industrial use.

61T34

VINOGRADOV, A. F.

Cand. Tech. Sci.

Dissertation: "Automatic Determination of the Concentration of  
Hydrogen Ions in Water for Industrial or Public Use  
with the pH-meter SGV-287 Author's System."

25/4/49

Moscow Inst of Fine Chemical Technology

imeni Lomonosov

SO Vecheryaya Moskva  
Sum 71

VINOGRADOV, A. F.

PA 153T4

USSR/Chemistry - pH-Meter  
Instruments

Nov 49

"Some Characteristics of the USSR-Made SGV-287 pH-Meter," A. F. Vinogradov, VODGEO Inst, 3 1/2 pp

"Zavod Lab" No 11

Electrode circuit of subject meter comprises a glass electrode and two calomel semielements. Arrangement described is first approximation to the creation of an industrial design of the SGV-287 pH-meter. Includes three diagrams and four graphs.

153T4

2058. Vinogradov, A.F.

Laboratornyye Raboty Po Ispytaniyu Elektricheskikh Mashin Postoyannogo  
Toka. Pod Obsh. Red N.V. Kharizomenova. M., Redizdat, 1954. 23 s.s  
Chert. 22 sm. (Mosk. Stankoinstrum. In-T NM. N.V. Stalina). 1.000 EKZ.  
V. Ts. - (54-56254) 621.313.2.0014 (076.5)

3358 VINOGRADOV A. F.

Laboratornyye raboty po ispytaniya yelektricheskikh mashin pere mennogo toka (kratkoe posobie) Pod obshch. Red. I. V. Kharizo menova. M. Redizdat, 1954. 39s. s chert. 22 sm. (Most. stankoinstrum. in-T im. I.B. stalina) 1.000 ekz. b.ts (54-57560) 621.313.3.001h.(076.5)

VINOGRADOV, A. F.

45-1-17/20

AUTHOR: Vinogradov, A. F.

TITLE: A Scintillation-Counter With the Device of the Type "Б" 1.  
(Stsintillyatsionnyye schotchiki s ustanovkoy tipa "Б" 1.)

PERIODICAL: Izvestiya AN SSSR Seriya Fizicheskaya, 1958, Vol. 22, Nr 1,  
pp. 83 - 87 (USSR)

ABSTRACT: The use of an electron-apparatus especially constructed for work with scintillation-counters makes it possible to obtain a high counting-efficiency, high resolving power, a wide domain of measurement and good stability. It seems to be expedient to use a counting-apparatus intended to be used for the Geiger-Mueller-counter for these purposes. Several technical characteristics of these apparatus which are determined by the parameters of the gas-meters are unsuitable for such transmitters as the scintillation-counter. The low efficiency of the high-voltage-source is no obstacle, as in the case of a total counting (without impulse-discrimination with respect to the amplitude) the use of a highly resistive divisor at the dynodes of the photoelectron-multiplier (PV) with a total resistance of 20 ÷ 50 is possible. An insufficient stability of the high-voltage block leads to

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40-1-17/20

A Scintillation-Counter With the Device of the Type "Б" 1.

greater difficulties. The cause of a decrease in efficiency is the decrease in the amplification coefficient of the PV, as the fundamental amplification lies in the latter. The stability characteristic in the high-voltage-rectifier-block (rectifier with electron-stabilization of the type BCЭ) (reference 2) is shortly investigated here. It is shown that a modification of the output voltage of the device under conditions of a constant voltage of the supply network is mainly caused by the heating of the block. This change is so strong that it covers up changes caused by the unstability of the "supporting" voltage. It is shown that when the BCЭ -block is used in a set with a scintillation-counter a stabilization of the amplification coefficient of the PV is necessary (so that somewhat reliable measurement-results are obtained). In 1952 Scherr and Gerhart (reference 3) suggested the stabilization of the amplification coefficient of a PV on the basis of a defocusing of the electron-beam. This scheme with a uniform divisor for the PV-dynodes and a "supporting" voltage was used by the authors in PV of the types RCA 5819 and RCA 7151. Application in the ФЭУ-19 did not yield the desired results. Therefore, a stabilization scheme with two supporting voltages and a progressive divisor were used here. This scheme acts like that by Scherr and Gerhart

Card 2/4

48-1-17/20

A Scintillation-Counter With the Device of the Type "Б" 1.

with the difference that the defocusing-effect takes place in two places of the dynode-system and enters into force more uniformly than in the scheme with only one "supporting" voltage. This makes it possible to attain more extended domains of the horizontal part of the volt-ampere-characteristic of a PV, i.e. to obtain a "platform". This scheme was used in scintillation-counters for measuring  $\alpha$ -,  $\beta$ - and  $\gamma$ -radiations in a set with a device of the type "Б" with a fixed sensitivity-threshold. It is shown that the use of such an apparatus is well possible, but only in the case of a stabilization of the amplification coefficient of the PV. The preamplifier of this apparatus is intended for gas-meters and the small amplification coefficient in the case of high frequency leads to a decrease in the total effectiveness of the counter. This is avoided by the use of PV with a high amplification coefficient. As the result of the performed work a counting-apparatus with a device of the type "Б" and 3 scintillation-counters was constructed. The  $\beta$ -counter has an efficiency equal to that of the front-counter. The front-counter has a window with a surface-density of  $1 \text{ M cm}^{-2}$  and a diameter of 25 mm. The efficiency of the  $\gamma$ -counter

Card 3/4



48-1-17/20

A Scintillation-Counter With the Device of the Type "Б" 1.

exceeded that of the gas-meter 15-20-fold. The  $\alpha$ -counter has an efficiency somewhat lower than that of a well-adjusted apparatus of the type "Д". The transition from the measurement of one kind of radiation to another is done with the aid of two change-over switches on the switchboard of the apparatus. Two supporting batteries E<sub>56</sub> and E<sub>1011</sub> simultaneously feed all three counters. There are 11 figures, and 6 references, 4 of which are Slavic.

AVAILABLE: Library of Congress

1. Scintillation counters-Application

Card 4/4

VINGRELOV, A.F.; VERE, A.F.; VERBILTA, A.P.

Electronic recording unit for continuous measurement of the  
alpha radiation of radioactive gases. Izv. tekhn. no. 5:53-56  
My'64 (MIRA 17:7)

ACCESSION NR: AP4041349

S/0115/64/000/005/0053/0056

AUTHOR: Vinogradov, A. F.; Ry\*bak, S. P.; Shibanova, M. D.

TITLE: Electronic recorder for continuous measuring of the alpha radiation of radioactive gases

SOURCE: Izmeritel'naya tekhnika, no. 5, 1964, 53-56

TOPIC TAGS: radioactive material, radioactive gas, radioactivity, radioactive measurement, ERU-3 recorder

ABSTRACT: The general description of an ERU-3 alpha-radiation recorder intended for various physical and chemical investigations by the emanation method is presented. A radioactive gas (Tn, An) along with the carrier gas (nitrogen, air) is passed through a steel-shielded pulse ionization chamber. The chamber pulses are pre-amplified and applied to the input of the main amplifier. From the amplifier output, the pulses go into a counting-rate meter with a pointer-type

Card 1/2

ACCESSION NR: AP4041349

indicator and EPP-09-1M recording potentiometer. The entire ERU-3 recorder consists of 9 units, of which 5 are standard units and the ionization chamber (design features supplied), its h-v supply pack, the counting-rate meter, and an antinoise unit (suppressing the noise in 220 v a-c supply) are special devices. The gas temperature may be as high as 150C; the working voltage of the chamber is 1,200-1,400 v; the range 200-60,000 pulse/min is subdivided into four sub-ranges; sensitivity,  $5 \times 10^{-11}$  curies; chamber background, 50-100 pulse/min; perfectly clean chambers had a background of 5 p/min. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR (Institute of Physical Chemistry, AN SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: MP

NO REF SOV: 007

OTHER: 000

Card 2/2

26 VINOGRADOV A. I.

A1-XI(13) - Resch...

Geochronology of strata... A. I. Vinogradov and T. P. Borovik...  
U.S.S.R. (Geol. Surv. U.S.S.R., 1964, 66, 183-188).  
The SRB... deposits of dolomite (I).  
The SRB... near Kasel are...  
... supports the view that...  
... during the formation of...  
... of (II) and (III). C. R. H.

VINOGRADOV, A.F.; CHIGAREV, L.I.; RYBAK, S.P.

Proportional radiation counters with industrial equipment. Izm.tekh.  
no.5:49-52 My '61. (MIRA 14:5)  
(Nuclear counters)

POKIN, M.N.; KURTEPOV, M.M.; ZHURAVLEV, V.K.; VINOGRADOV, A.F.

Electronic potentiostat and its use in developing the structural corrosion of stainless steels. Zav.lab. 26 no.2:219-223  
'60. (MIRA 13:5)

1. Institut fizicheskoy khimii Akademii nauk SSSR.  
(Steel--Corrosion)  
(Potentiometric analysis)

TITKOV, V.I.; BELINSKIY, M.L.; BUNCHUK, V.A.; BUT, P.P.; ~~VINOGRADOV, A.F.~~;  
KOFMAN, S.R.; KUKUSHKINA, R.N.; MATSKIN, L.A.; MOSKAL'KOV, I.I.;  
MISHIN, B.V.; NADEZHDIR, M.D.; OLENEV, N.M.; ROZEN, S.N.; NOVIKOVA,  
vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Handbook on oil tank equipment] Spravochnik po oborudovaniu  
neftebaz. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi  
lit-ry, 1959. 463 p. (MIRA 12:12)  
(Petroleum--Storage)



KOLESOV, V.I., prof.; DEMIN, V.N., prof.; LEVIN, A.C.; SHAL'NEVA, T.S.;  
BGMASH, N.Yu., VINCGRADOV, A.G.; LEGSKO, V.A.; SIDORENKO, L.N.;  
YARITSYN, S.S.

Regional perfusion of chemotherapeutic substances in malignant  
tumors of the extremities. Vest.khir. 93 no.8:58-64 Ag '64.  
(MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. V.i.  
Kolesov) 1-go Leningradskogo meditsinskogo instituta imeni  
Pavlova.

KOLESOV, V.I., (Leningrad, ul. Kuybysheva, d.3, kv.5); LEVIN, A.O.;  
VINOGRADOV, A.G.; DANILOVA, L.D.; LEOSKO, V.A.

Changes in the morphological and functional properties of the  
blood and hemodynamics during work with artificial circula-  
tion apparatus of the systems of the Scientific Research In-  
stitute of Experimental Surgical Apparatus and Instruments  
(AIK-59) and Baliuzek (ISL-2). Grud. khir. 5. no.6:34-40  
N-D'63 (MIRA 17:2)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. V.I.  
Kolesov) I Leningradskogo meditsinskogo instituta imeni  
I.P.Pavlova.

VINOGRADOV, Aleksey Ivanovich; GRESHISHCHEV, N., red.; ROZHDAYKINA, V.,  
tekhn. red.

[We follow the course of new developments; Lenin Collective Farm in Olenino District is introducing recommendations of the Economic Conference of Kalinin Province] Novoe - nash kurs; Oleninskii kolkhoz imeni Lenina vnedriaet rekomendatsii oblastnoi ekonomicheskoi konferentsii. Kalinin, Kalininskoe knizhnoe izd-vo, 1961. 21 p.

(MIRA 14:7)

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