"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

ACC NR: AP6029177 SOURCE CODE: RU/0003/66/017/002/0108/0108

AUTHOR: Popescu, D.; Vaeni, M.

ORG: Institute for State Control of Drugs and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentului si cercetari farmaceutice)

TITLE: Determination of the contrast product ioduron

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 108

TOPIC TAGS: iodinated organic compound, analytic chemistry

ABSTRACT: The authors describe the determination of the contrast medium Ioduron by means of the mineralization of the organically bound iodine by the action of nascent hydrogen in alkaline medium, followed by determination of the halogen by the Volhard method. The analysis is rapid and accurate and gives reproducible results. Orig. art. has: 1 table and 1 formula. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAETUS, T.

Vaetus, T. - Electric germinator. p.301.

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11 November 1955, Uncl.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VASTUE, T.; DROC, N.

Establishment of a formula for the computation of areas of forest nurseries.
p. 539

Vol. 70, no. 11, Nov. 1955
REVISTA PADURILOR
Bucurresti, Rumania

Source: East European Accession List. Library of Congress.
Vol. 5, No. 8, August 1956

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAETUS, T.; DROC, N.; COSTEA, A.

A cultivated stand of Quercus palustris L. in the Dumbrava Forest in Sibiu. p. 622. REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romanis si al Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70, no. 12, Dec. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFEK, Vladimir

Hydroblasts. Slevarenstvi 12 no.10:397,398 '64.

1. State Research Institute of Material and Technology, Research on Founding, Brno.

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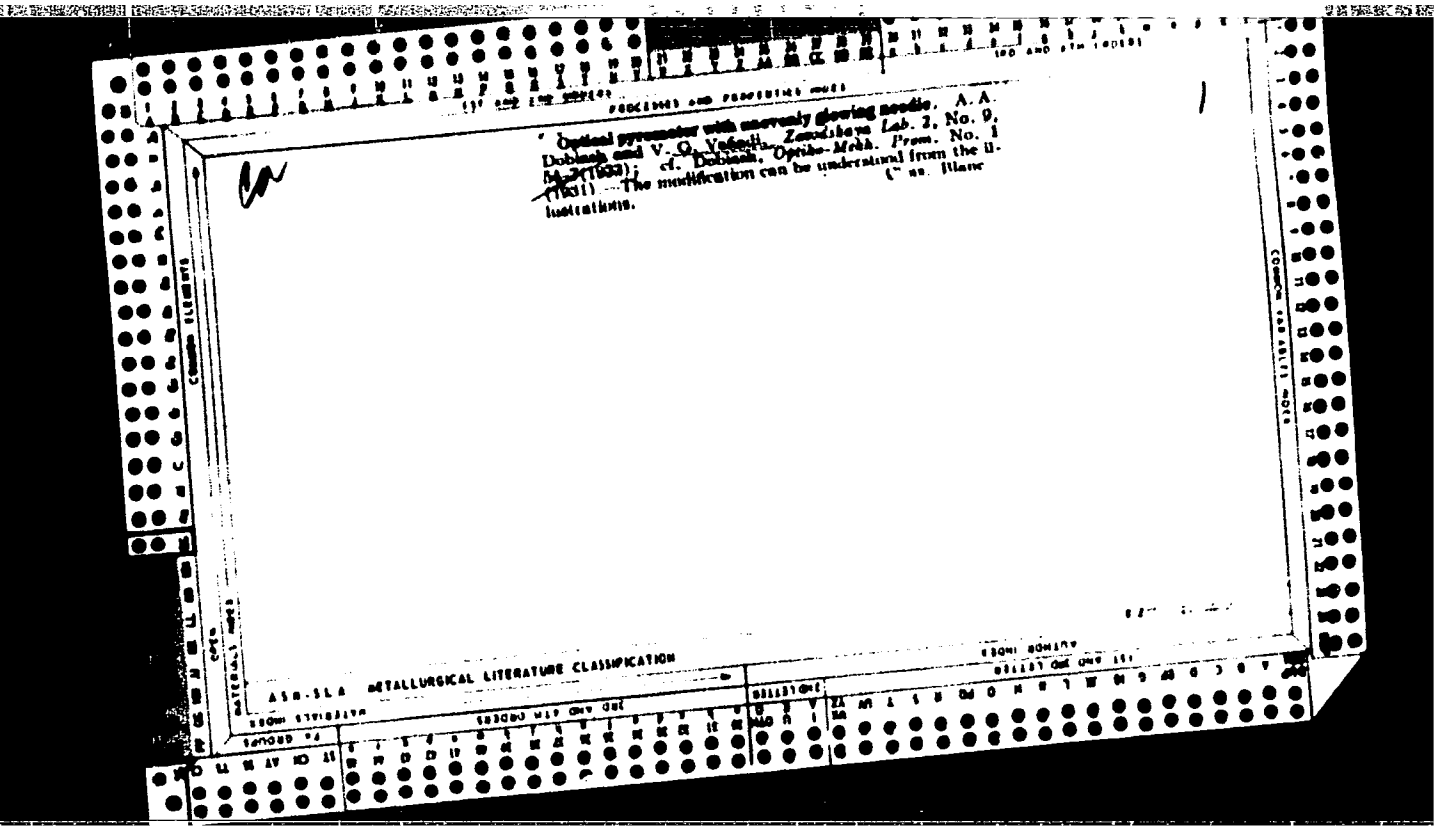

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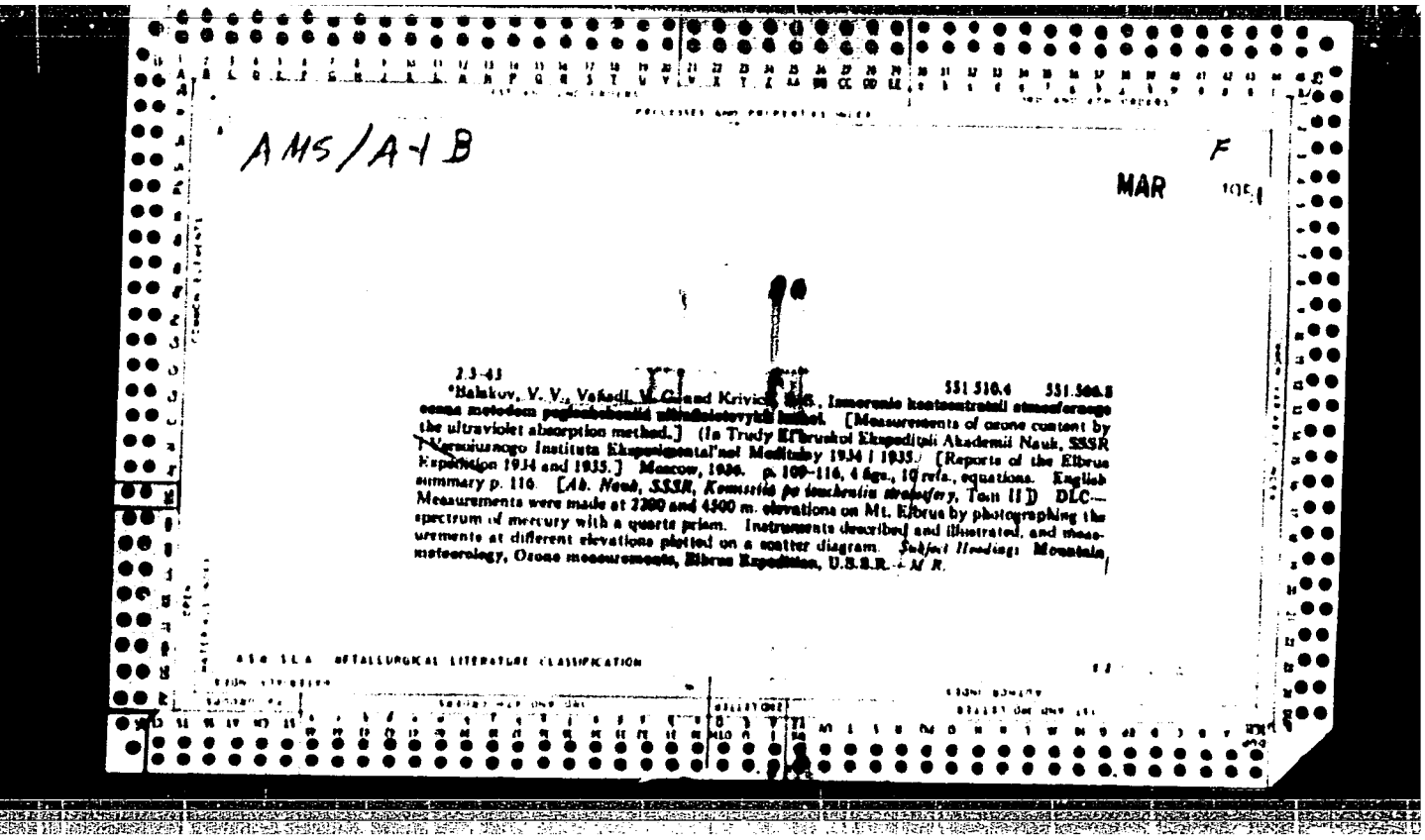

AMS/A-4 B

F

MAR

2.3-43

*Bakkov, V. V., Vafadi, M. G. and Krivich, [illegible], Issledovanie kontsentratsii atmosfernogo ozona metodom pogloshcheniia ultrafioletovykh luchei. [Measurements of ozone content by the ultraviolet absorption method.] (In Trudy Elbrusskoi Ekspeditsii Akademii Nauk, SSSR [Transactions of the Elbrus Expedition of the Academy of Sciences, USSR] 1934 i 1935. [Reports of the Elbrus Expedition 1934 and 1935.] Moscow, 1936. p. 109-116, 4 figs., 10 refs., equations. English summary p. 116. [Ab. Nauk, SSSR, Komissiia po izucheniiu stratosfery, Tom II]) DLC—Measurements were made at 2300 and 4500 m. elevations on Mt. Elbrus by photographing the spectrum of mercury with a quartz prism. Instruments described and illustrated, and measurements at different elevations plotted on a scatter diagram. Subject Headings: Mountain meteorology, Ozone measurements, Elbrus Expedition, U.S.S.R.—M.R.

531.510.4 551.508.8

ASTIA METALLURGICAL LITERATURE CLASSIFICATION

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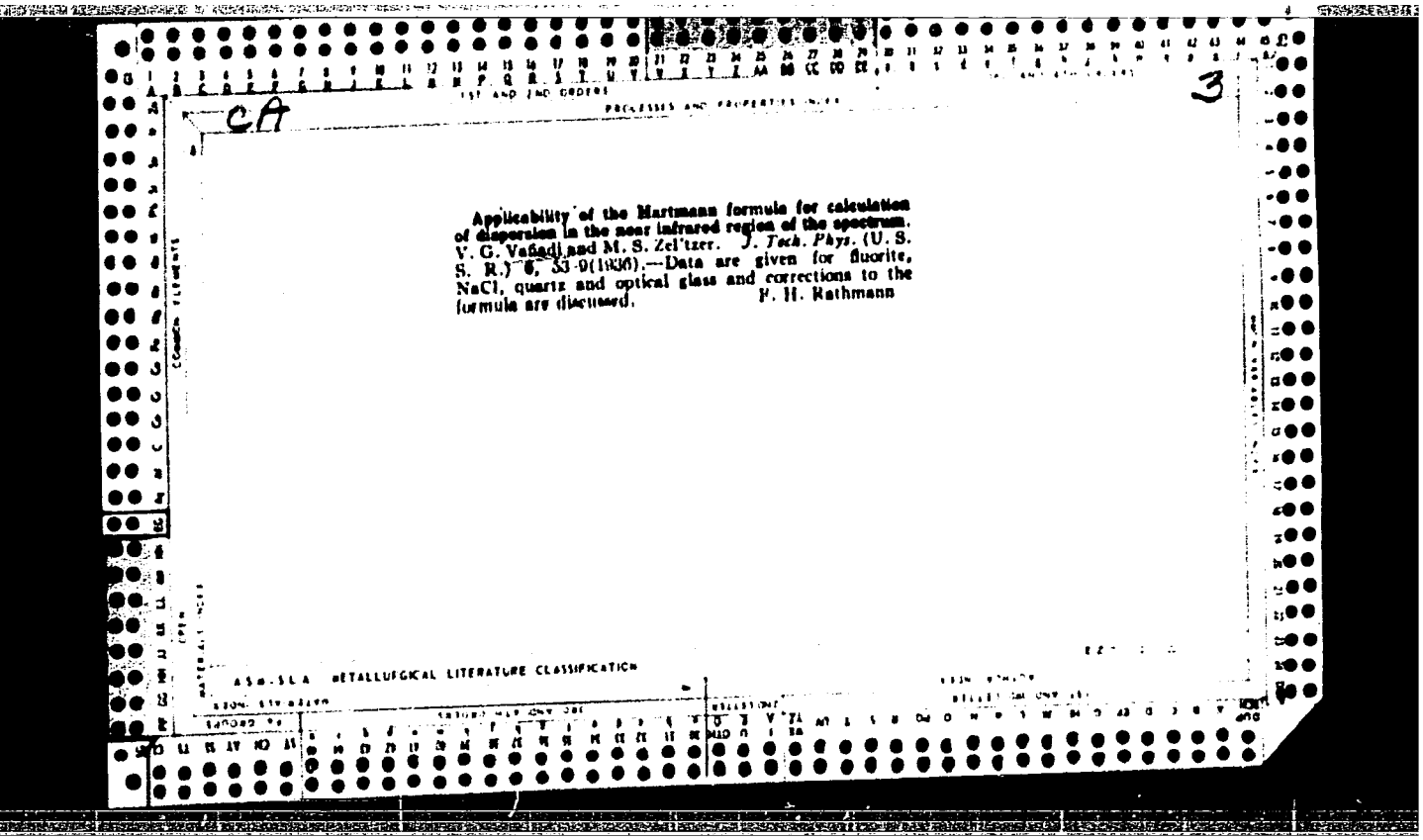

Applicability of the Martmann formula for calculation of dispersion in the near infrared region of the spectrum. V. G. Vafadi and M. S. Zel'tzer. *J. Tech. Phys.* (U. S. S. R.) 6, 53-9(1936).—Data are given for fluorite, NaCl, quartz and optical glass and corrections to the formula are discussed. F. H. Rathmann

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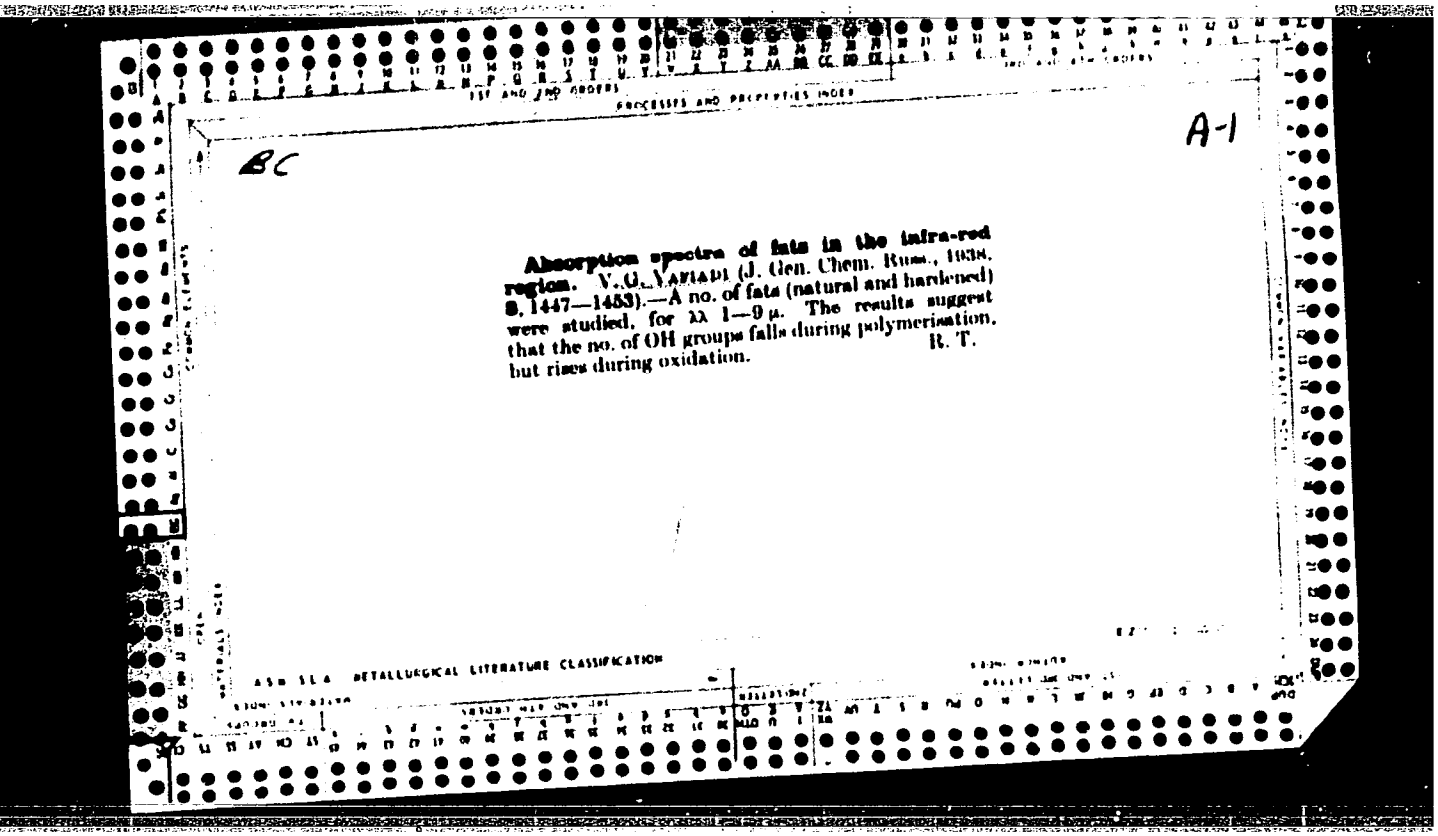

BC

A-1

Absorption spectra of fats in the infra-red region. V. G. VARIAPI (J. Gen. Chem. Russ., 1938, 8, 1447—1453).—A no. of fats (natural and hardened) were studied, for λλ 1—9 μ. The results suggest that the no. of OH groups falls during polymerisation, but rises during oxidation. R. T.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFIADI, V. Cand. Phys-Math. Sci.

Infrared Direction Finders," from the book Modern Military Technology, 1956, page 230.

Translation 1114585

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

SOV/1768

24(4) PHASE I BOOK EXPLOITATION

Vafiadi, V.G., and N.M. Nesterova

Aleksandr Alekseyevich Lebedev Moscow, Izd-vo AN SSSR 1957. 25 p. (Series: Materialy k biobibliografii uchenykh SSSR. Seriya fiziki, vyp. 8) 2,000 copies printed.

Sponsoring Agency: Akademiya nauk SSR. Sektor spetsbibliotek.

Chief Ed.: A.N. Nesmeyanov, Academician; Deputy Chief Ed.: A.V. Topchiyev, Academician; Resp. Eds.: O.V. Isakova, Ye.S. Likhtenshteyn, and V.I. Shunkov; Ed. of Publishing House: L.V. Gessen; Tech. Ed.: S.M. Polesitskaya.

PURPOSE: The book is intended for the general reader.

COVERAGE: This book is a bio-bibliographical sketch of the life and works of the Soviet scientist Aleksandr Alekseyevich Lebedev containing a complete list of his scientific contributions and a bibliography of 11 items on Lebedev himself. His own writings consist of 37 books written and 9 edited. In the biographical

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SOV/1768

Aleksandr Alekseyevich Lebedev

sketch, the only narrative chapter in the pamphlet, Lebedev is commended for his endeavors in the field of optics, and especially for his contributions to optical methods in engineering measurement. Some information is also available on Lebedev's role in political life. An Academician since 1943, he was elected a Deputy to the Supreme Council of the Soviet in 1954. His scientific contributions have been centered in the following particular fields: diffraction of x-rays and electrons and diffraction patterns; infrared rays; wave interference; light modulation; and the design of new scientific appratus, including two electron microscopes and a photometric range finder. A short description of these and other instruments designed or codesigned by him is given. The pamphlet mentions a number of his pupils, some of whom are considered eminent scientists: Among these are A.I. Stozharov, N.A. Tudorovskaya, V.A.Florinskaya, N.N. Valenkov, Ye.A. Poray-Koshits, G.O. Bagdyk'yants, V.N. Vertsner, and N.G. Zandin. The article mentions his close coworkers N.F. Timofeyev, M.F. Romanova, A.A. Ferkhmin, L.B. Ponizovskiy,

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Aleksandr Alekseyevich Lebedev

M.L. Veyngerov, I.V. Grebenshchikov, M.S. Zel'tser, P.Ya. Bokin, Ye.M. Brumberg, O.B. Orlova, V.I. Chernyayev, I.A. Khvostikov, P.G. Sushkin, A.G. Plakhov, Yu.M. Kushnir, A.G. Vlasov, V.V Balakov, V.G. Vafiadi, and Yu.V. Popov. Some of these men following Lebedev's lead or in collaboration with him, have made their own contributions mentioned briefly in the sketch.

TABLE OF CONTENTS:

Basic Data on the Life and Scientific Work of Academician A.A. Lebedev 3

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SOV/1768

Aleksandr Alekseyevich Lebedev 23

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List of Adopted Abbreviations for Sources Quoted

AVAILABLE: Library of Congress (Z849427.A4)

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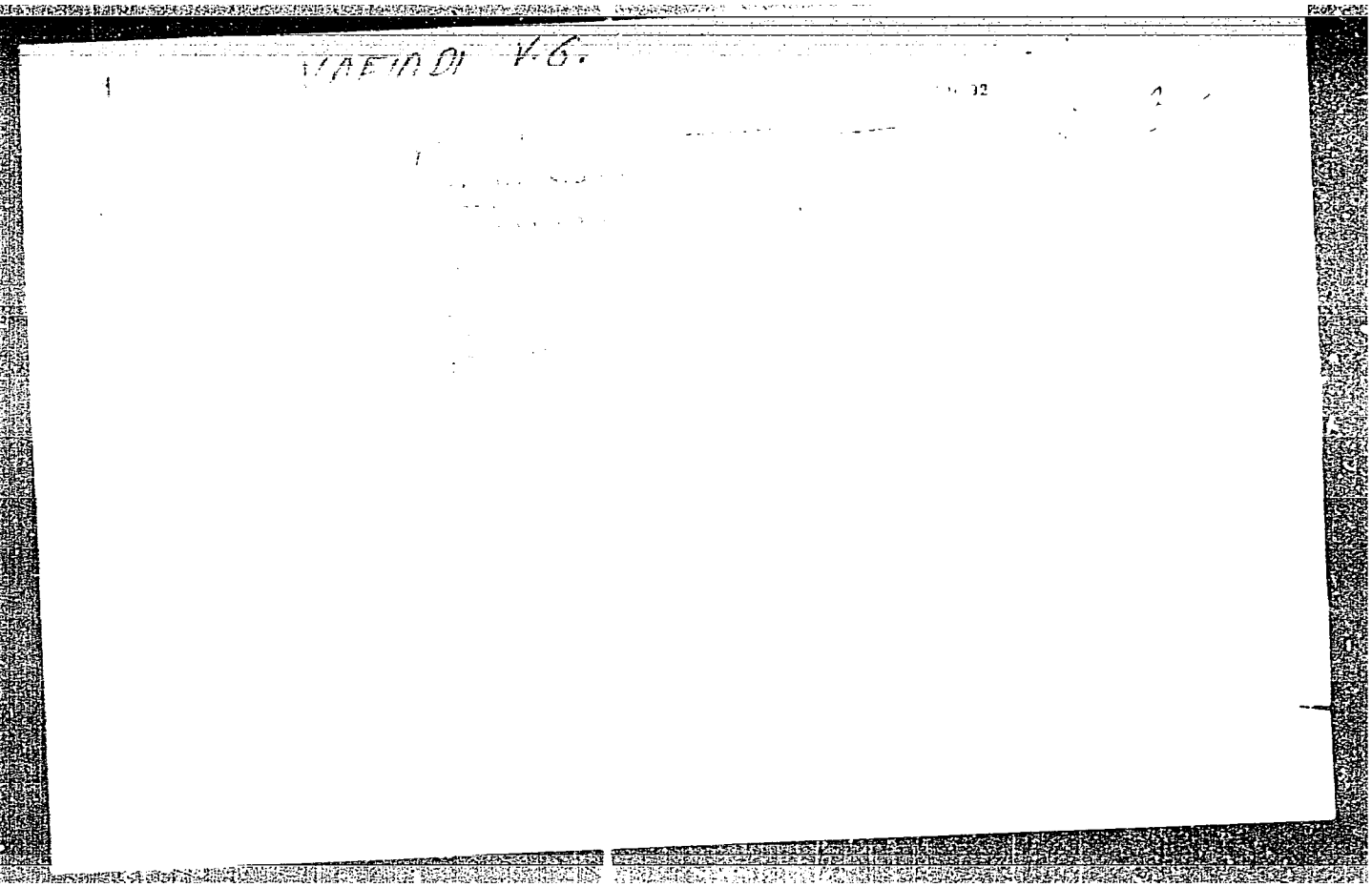

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L 10491-63 EWT(l)/EWP(q)/EWT(m)/BDS--AFFTC/APGC/ASD/SSD--Pq-4--WH

ACCESSION NR: AP3000589 S/0051/63/014/005/0713/0715

62
61

AUTHOR: Vafiadi, V. G.

TITLE: Procurement of short light flashes by disrupting total internal reflection

21

SOURCE: Optika i spektroskopiya, v. 14, no. 5, 1963, 713-715

TOPIC TAGS: optical shutter, high-speed shutter, short light flash, internal reflection

ABSTRACT: A simple light shutter has been developed, consisting of a totally reflecting three-faced prism, a light-absorbing glass plate, a nickel rod attached at one end to the glass plate, and a solenoid mounted on the rod. The prism and the plate have the same refraction index. Shutter operation is based on the prevention of total internal reflection in the prism by the glass plate when it is in contact with the prism. The shutter is opened by breaking the contact between the prism and glass plate by means of the magnetostriction effect in the rod. Shutter opening, accomplished by discharging a 0.25-μf, 3200-v capacitor in series with the solenoid, has a duration of 6—7 μsec. Shutter-opening delay with

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respect to the discharge time is approximately 10 μsec. The opening delay can be controlled by shifting the position of the solenoid along the rod. It was found that some light passes through when the shutter is closed because of a thin film, whose refraction index is close to that of quartz, formed on the glass surface. This light constitutes 0.4—1.2% of the total light transmitted by the open shutter. However, being totally polarized, the leakage can be eliminated by a polarization filter. Orig. art. has: 2 figures, 3 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 20Jul62 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: PG, PH NO REF SOV: 003 OTHER: 000

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

ACC NR: AP6032440 SOURCE CODE: UR/0368/66/005/003/0284/0287

AUTHOR: Tsekhanskiy, G. N.; Pankrat'yeva, E. A.; Vafiadi, V. G.

ORG: none

TITLE: Procedure for measuring the depth of modulation of light flux

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 3, 1966, 284-287

TOPIC TAGS: light modulation, luminescence, photoconductivity, Kerr cell

ABSTRACT: In view of the development of new types of modulators for use with research on luminescence kinetics and photoconductivity, the authors describe apparatus, aimed at comparing different modulators, for the measurement of the depth of modulation of light flux from a light modulator or from a source of modulated light. The principle of the apparatus (Fig. 1) is based on interrupting the light by a rotating perforated disc and measuring the oscillograms of the output of photomultiplier on which the interrupted light is incident. A Kerr cell was used as a standard modulator producing a constant depth of light-flux modulation. The use of the Kerr cell made it possible to correct the photomultiplier readings for inertia occurring at different frequencies. As an example illustration of the operation of the equipment, it was used to measure the depth of modulation of the light flux from a neon lamp (type TF-0.20) at 4 Mcs. Orig. art. has: 4 figures, 3 formulas and 1 table.

UDC: 621.376

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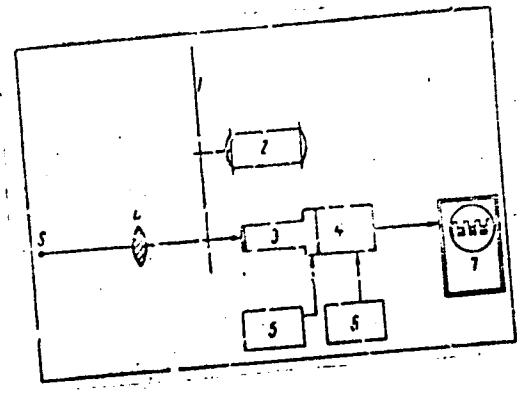
"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

ACC NR: AP6032440

Fig. 1. Block diagram of apparatus for the measurement of depth of modulation of light flux. 1 -- Perforated disc, 2 -- motor, 3 -- photomultiplier, 4 -- preamplifier with cathode follower, 5 -- photomultiplier power supply, 6 -- preamplifier power supply, 7 -- oscilloscope.



SUB CODE: 20/ SUBM DATE: 26Oct65/ ORIG REF: 003

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

IVANOV, V.A., kand. tekhn. nauk, dotsent; [illegible], V.P., inzh.;
VAFIN, R.K., inzh.

Torsional vibrations in closed circuits of power transmissions.
Izv. vys. ucheb. zav.; mashinostr. no.2:61-70 '64. (MIRA 17:5)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

IVANOV, V.A., kand. tekhn. nauk, dotsent; VAFIN, R.K., inzh., MARKELOV, V.I., inzh.

Investigating the axial thrust at a sharp coupling unfitting. Izv.vys. ucheb.zav.;mashinostr. no.5:39-45 '64. (MIRA 18:1)

1. Moskovskoye vysshaya tekhnicheskoye uchilishche imeni N.E.Baumana.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

KOCHETKOV, N.K.; DEREVITSKAYA, V.A.; KRO[illegible]; [illegible]VAFINA, M.G.,
BOCHKOV, A.F.

Synthesis of methyl ester of C-(β-[illegible]-[illegible]ranosyl)-[illegible]-serine. Izv. AN SSSR. Ser. khim. no.9:[illegible] '65. (MIRA 18:9)

1. Institut khimii prirodnykh s[illegible] AN SSSR.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFINA, M.G.; DERBVITSKAYA, V.A.; [illegible], N.K.

Glycopeptides. Report [illegible]: synthesis of [illegible]glycopeptides.
Izv. AN SSSR.Ser.khim. no.10:1814-1822 '65. (MIRA 18:10)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

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L 16156-65 EWT(m) AFWL/ASD(a)-5 RM

ACCESSION NR: AP4045804 S/0062/64/000/009/1728/1728

AUTHOR: Derevitskaya, V. A.; Vafina, M. G.; Kochetkov, N. K.

TITLE: Synthesis of serine O-glycosides

SOURCE: AN SSSR. Izv. Seriya khimicheskaya, no. 9, 1964, 1728

TOPIC TAGS: serine, serine glycoside, serine O glycoside, peptide bond, polysaccharide bond, glycopeptide, pyranoside, dextrorotatory, laevorotatory, serine glycoside melting point, crystallization, hydrogenolysis

ABSTRACT: We have realized the synthesis of the O-glycosides of serine, models of one of the possible bond types of the peptide and polysaccharide part in natural glycopeptides. We obtained the O-β-D-(2, 3, 4, 6-tetra-O-acetyl)glucopyranoside of the methyl ester of N-carbobenzoxy-D,L serine (I)(40% yield) by the interaction of 2, 3, 4, 6-tetra-O-acetyl-α-D-glucopyranosylbromide with the methyl ester of N-carbobenzoxy-D, L-serine in the presence of Ag_2CO_3. By crystallization of (I) from an ether-hexane mixture, we isolated D-I (m. p. 95.5C, $[\alpha]_D$ --27C with

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ACCESSION NR: AP4045804

2, chloroform , yield 10%). We obtained L-I (m. p. 93, $[\alpha]_D$ + 16(with 1, chloroform), yield 40%) under analogous conditions from the methyl ester of N-carbobenzoxy-L-serine. By desacetylation of D-I and L-I by the action of $(C_2H_5)_3N$ in absolute CH_3OH we obtained the corresponding O-β-D-glycopyranoside of the methyl ester of N-carbobenzoxy-D-serine (D-II, $[\alpha]_D$ -3. 3C (with 1. 77, CH_3OH), yield 84%) and O-β-D-glucopyranoside of the methyl ester of N-carbobenzoxy-L-serine(L-II, $[\alpha]_D$ -10C (with 0. 5, CH_3OH), yield 92%). Hydrogenolysis of D-II and L-II over $Pd/BaSO_4$ in aqueous CH_3OH obtained the corresponding hydrochlorides of O-β-D-glycopyranoside of the methyl ester of D-serine $[\alpha]_D$ + 6C (with 2, water) yield 86%) and of O-β-D-glucopyranoside of the methyl ester of L-serine $([\alpha]_d$— 18. 5C (with 2, water), yield 84%.

ASSOCIATION: Institut khimii prirodnykh soedinenii Akademii nauk SSSR (Institute of the Chemistry of Natural Compounds, Acad. of Sciences, SSSR)

SUBMITTED: 15Jun64 ENCL: 00 OTHER: 000
SUB CODE: GC, OC NO REF SOV: 000

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

AVAYEVA, S. M.; BOTVINIK, M. M.; VAFINA, M. G.; MATYAZH, L. F.

Beryl phosphates and pyrophosphates. Part 2: Behavior of bis (methyl ester of N-carbobenzoxy-aryl)-phenyl phosphate in HBr solution in organic solvents. Zhur. ob. Khim. 34 no.5:1754-1757 Je '64. (MIRA 17:7)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFINA, N., master muzhskogo verkhnego plat'ya; NOVRUZOV, M.; CHEREPNINA, M.; ZANTBERG, L. (Kiyev); YEGOROV, Yu. (Pererva); FEDOSENKO, A. (Minsk); LYUTSKO, A.; SMIRNYAGIN, V., instruktor; NIKOLAYEV, I.; KHARAK, G.

Our labor gifts to the congress of the builders of communism. Mest.prom.i khud.promys. 2 no.10:2-5 O '61. (MIRA 14:11)

1. Shveynyy kombinat, g. Ivanova (for Vafina). 2. Sekretar' partbyuro kombinata nadomnogo truda, Baku (for Novruzov). 3. Sekretar' obkoma profsoyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva, Rostov-na-Donu (for Cherepnina). 4. Glavnyy inzhener raypromkombinata, g. Slomim Belorusskoy SSR (for Lyutsko). 5. Respublikanskiy komitet profsoyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva, Kishinev (for Smirnyagin). 6. Sekretar' oblastnogo komiteta profsoyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva, Pskov (for Nikolayev). 7. Nachal'nik otdela truda i zarplaty Ministerstva mestnogo khozyaystva Estonskoy SSR, Tallin (for Kharak).

(Efficiency, Industrial)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFINA, R.Z., nauchnyy sotrudnik

Posterior sclerectomy. Vest.oft. 70 no.3:27-28 My-Je '57.
(MLRA 10:8)

1. Bashkirskiy nauchno-issledovatel'skiy trakhomatoznyy institut
(dir. M.S.Tamatarova)
(SCLERA, surg.
posterior sclerectomy)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFINA, R.Z., Cand Med Sci -- (diss) "Combined operation of [redacted] sclerectomy and [redacted] corneoscleral trephination in incipient glaucoma." Ufa, 1958, 12 pp (Tomsk State Med Inst) 260 copies (KL, 28-58, 109)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAFINA Ye. V.

11(4) PHASE I BOOK EXPLOITATION SOV/1319

Akademiya nauk SSSR. Bashkirskiy filial

Khimiya sero-organicheskikh soyedineniy, soderzhashchikhsya v neftyakh i nefteproduktakh; materialy II nauchnogo soveshchaniya (Chemistry of Sulfur-Organic Compounds Contained in Petroleum Products; Papers of the 2nd Scientific Session) v. 1. Ufa, Izd. Bashkirskogo filiala AN SSSR, 1958. 285 p. 1,500 copies printed.

Ed.: Sudarikov, K.I.; Editorial Board: Ayvazov, B.B., Nasibian, A.V., Chelintsev, N.D. (Resp. Ed.), Rozhdestvenskiy, V.F., and Shamin, I.L.; Tech. Ed.: Bakhirov, R. Sh.

PURPOSE: This book is intended for petroleum specialists of scientific research establishments, educational institutions, and petroleum refining plants.

COVERAGE: This collection is the first of a multivolume publication on the results of scientific research work carried out in the Soviet Union on the chemistry and technology of sulfur- and nitrogen-organic compounds during the period 1954-1955; and according to a coordinated research project outlined in 1956 by the sponsoring agency (Bashkir Branch, AS USSR).

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Chelintsev, N.D., S.V. Botsmanova, N.N. Pendyur, and Yu. V. Vafina, Determining the Degree of Purity of Synthetically Prepared Sulfur-Organic Compounds 99

This investigation is based on the cryoscopic method. From an initial approximation, $N_2 = \frac{\Delta H_{fu} \Delta T}{RT^2}$ (where: N_2 -molar amount of admixture with respect to a decrease in freezing point; $\Delta T = T_0 - T_1$; $^\circ K$; T_0 - freezing point of a pure substance, $^\circ K$; T_1 - freezing point

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of the sample substance, $^\circ K$; H_{fu} - heat of fusion of a pure substance at T_0, cal/mol; R- gas constant, cal/mol degree [$^\circ C$], graphs and tables of freezing point, purity, and cryoscopic constants are given. Schematic drawings of [illegible] set-ups are included.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

KALDA, A.; KUKK, E.; MASING, V.; TRASS, H.; VAGA, A.; ARAK, A., red.

[Botany; textbook for schools of higher learning in three parts] Botaanika, õpik kõrgematele koolidele. Tallinn Valgus. Pt.1. 1965. 428 p. [In Estonian] (MIRA 18:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

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1. VAGA, A. Ya.

2. USSR (600)

4. Biology - Classification

7. Phyla of the organic world. Bot. zhur. 37 no. 5, 1952

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

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VAGA, A.Ya.

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"Problems of evolution of the plant world." L.M.Krechetovich. Reviewed by A.Vaga. Bot.zhur. 39 no.3:451-452 My-Je '54. (MLRA 7:7)

1. Tartuskiy Gosudarstvenny universitet.
(Plants--Evolution) (Krechetovich, L.M.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

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VAGA, A.Ya. professor

Vegetation in the Estonian S.S.R. Priroda 44 no.5:101-104 My '55. (MIRA 8:7)

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(Estonia--Botany)

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[redacted]

On the nomenclature of the Oselian rattle, Bot. mat. Gerb. 18:218 '57. (MIRA 10:6)
(Yellow rattle)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOV, A.I.

Solution of one-dimensional mixed problems for a [illegible] system of the first order. Uch. zap. AGU. Ser. fiz.-mat. nauk no.3:43-51 '63. (MIRA 17:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOV, A.I.

Solution of one-dimensional mixed problems for a symmetric system of the first order. Part 2. Uch. zap. AGU. Ser. fiz.-mat. nauk no.4:11-17 '63.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

ACCESSION NR: AP4034024 S/0020/64/155/006/1247/1249

AUTHOR: Vagabov, A. I.

TITLE: Reasonableness conditions on homogeneous mixed problems for hyperbolic systems

SOURCE: AN SSSR. Doklady*, v. 155, no. 6, 1964, 1247-1249

TOPIC TAGS: partial differential equation, hyperbolic system, Kovalevski system, Green's function, homogeneous mixed problem, spectral problem

ABSTRACT: Consider the mixed problem for a Kovalevski system

$$\frac{\partial^p u}{\partial t^p} = \sum_{\substack{k_0<p-1\\ k_0+k_1\leq p}} A^{(k_0k_1)}(x)\frac{\partial^{k_0+k_1}u}{\partial t^{k_0}\partial x^{k_1}} + f(x,t); \qquad (1)$$

$$\sum_{\substack{k_1\leq p-1\\ k_0+k_1\leq p}} \left\{\alpha^{(k_0k_1)}\frac{\partial^{k_0+k_1}u}{\partial t^{k_0}\partial x^{k_1}}\Big|_{x=a} + \beta^{(k_0k_1)}\frac{\partial^{k_0+k_1}u}{\partial t^{k_0}\partial x^{k_1}}\Big|_{x=b}\right\} = 0; \qquad (2)$$

$$\frac{\partial^k u}{\partial t^k}\Big|_{t=0} = \psi_k(x) \quad (k = 0, \ldots, p-1), \qquad (3)$$

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where the $A^{(k_0 k_1)}(x)$ are n by n matrices; f(x,t), u(x,t), $\psi_k(t)$ n by 1 column matrices; $\alpha^{(k,k)}$, $\beta^{(k,k)}$ constant np by n rectangular matrices. Let A(x) denote the square matrix ...

$$A(x) = \begin{Vmatrix} A^{(p-1,1)}(x) & A^{(p-2,2)}(x) & \dots & A^{(0,p)}(x) \\ E & 0 & \dots & 0 \\ 0 & E & \dots & 0 \\ \cdot & \cdot & \dots & \cdot \\ \cdot & \cdot & \dots & \cdot \\ 0 & 0 & \dots E & \end{Vmatrix},$$

where E is the identity matrix of order n. Conclusion: Problem (1)-(3) has a unique solution, depending continuously on the given functions, and given by the formula

$$u(x,t) = -\frac{1}{2\pi\sqrt{-1}} \sum_{\nu} \int_{C_\nu} \lambda^{1-p} e^{\lambda t} d\lambda \int_a^b G(x,\xi,\lambda)\,(A^{(0p)}(\xi))^{-1}\,(F(\xi,\psi,\lambda) + \int_0^t e^{-\lambda\tau} f(\xi,\tau)\,d\tau)\,d\xi,$$

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where C_ν is a simple closed contour containing only one pole λ_ν of the integrand, $G(x,\xi,\lambda)$ is Green's function for the spectral problem

$$\sum_{\substack{k_0<p-1\\ k_0+k_1<p}} \lambda^{k_0} A^{(k_0k_1)}(x)\frac{d^{k_1}v}{dx^{k_1}} - \lambda^p v = F(x,\psi,\lambda); \tag{7}$$

$$\sum_{\substack{k_1<p-1\\ k_0+k_1<p}} \lambda^{k_0}\left\{\alpha^{(k_0k_1)}\frac{d^{k_1}v}{dx^{k_1}}\Big|_{x=a} + \beta^{(k_0k_1)}\frac{d^{k_1}v}{dx^{k_1}}\Big|_{x=b}\right\} = 0; \tag{8}$$

$$F(x,\psi,\lambda) = \sum_{k_0=0}^{p-1}\lambda^{p-1-k_0}\psi_{k_0}(x) -$$

$$-\sum_{\substack{1<k_0<p-1\\ k_0+k_1<p}} A^{(k_0k_1)}(x)\frac{d^{k_1}}{dx^{k_1}}(\lambda^{k_0-1}\psi_0(x) + \ldots + \psi_{k_0-1}(x)).$$

It is also stated that in case of simple poles for the spectral problem (7)-(8), the hyperbolicity condition is necessary for the existence of a solution to problem (1)-(3). For the methods used in the proof (residues and contour integration), the reader is

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ACCESSION NR: AP4034024

referred to papers by M. L. Rasulov. The case p = 1 was treated in an earlier paper by the author. Orig. art. has: 8 equations.

ASSOCIATION: Azerbaydzhanskiy gosudarstvenny*y universitet im. S. M. Kirova (Azerbaidzhan State University)

SUBMITTED: 20Dec63 ENCL: 00

SUB CODE: MA NR REF SOV: 004 OTHER: 000

Card 4/4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOV, M. Yu.

Deceased
Dec. 1962

1963/4

Fluid Dynamics
Turbulence

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VAGABOV, R.M.

Investigating filtration properties of coarse-grained materials. Izv. AN Azerb. SSR. Ser.fiz.-mat. i tekh. nauk no.4:133-138 '60. (MIRA 14:3)

(Filters and filtration)

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VAGABOV, R.M.

Study of the percolation properties of porous concrete. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.1:89-95 '62. (MIRA 15:4)
(Percolation) (Concrete)

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VAGABOV, R.M.

Use of the radiometric method in studying percolation in soils of varying permeability. Izv. AN Azerb. SSR.Ser. fiz.-mat. i tekh. nauk no.3:133-138 '63. (MIRA 16:11)

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VAGABOV, V.M.; SERENKOV, G.P. [deceased]

Study of polyphosphates in two species of green algae. Vest. Mosk. un. Ser. 6: Biol., pochv. 18 no.4:38-47 Jl-Ag '63. (MIRA 16:12)

1. Kafedra biokhimii rasteniy Moskovskogo universiteta.

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VAGAB. V, V.M.; KULAYEV, I.S.

Inorganic polyphosphates in the roots of corn. Dokl. AN SSSR 158 no.1:218-220 S-O '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikom A.N. Belozerskim.

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TUTAYUK, V.Kh.; GADZHIYEV, V.L.; VAGABOV, Z.V.

Wild ornamental plants in mountains of the Greater Caucasus.
Izv. AN Azerb. SSR Ser. biol. i med. nauk no.8:3-13'61.
(MIRA 16:8)

(AZERBAIJAN—PLANTS, ORNAMENTAL)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

L 43926-66 EWT(m)/EWP(j)/T/ RM

ACC NR: AP6028573 SOURCE CODE: UR/0316/66/000/003/0021/0023

AUTHOR: Orudzheva, I. M.; Vagabova, A. A.

ORG: Institute of the Chemistry of Additives, AN AzerbSSR (Institut khimii prisadok AN AzerbSSR)

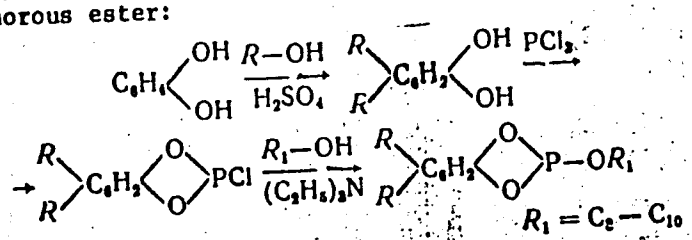
TITLE: Synthesis of dialkylhydroquinone esters of phosphorous acid

B
50
49

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 3, 1966, 21-23

TOPIC TAGS: antioxidant additive, lubricant additive, organic phosphorous compound

ABSTRACT: New phosphorous esters suitable as antioxidant additives for lubricating oils have been prepared. 2,5-Di-tert-butylhydroquinone was reacted with phosphorus trichloride to form the phosphorochloridous ester, which in turn was reacted with heptyl, octyl, nonyl, or decyl alcohol in the presence of triethylamine to form the appropriate phosphorous ester:



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L 43926-66

ACC NR: AP6028573

It is noted that such organophosphorus compounds are also of interest as herbicides, medicinal preparations, and polymer stabilizers. Orig. art. has: 1 formula. [SM]

SUB CODE: 07, 11/ SUBM DATE: 220ct65/ ORIG REF: 005/ OTH REF: 002/ ATD PRESS: 5060

Card 2/2 egk

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOVA, N.R.

Effect of the upper layer on the behavior of the producing layer exerted through permeable interlayers during intermittent flow. (MIRA 12:7)
Azerb.neft.khoz. 38 no.4:26-29 Ap '59.
(Oil reservoir engineering)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOVA, N.R.; GUSEYNOV, G.P.

Effect of the state of a pool at the beginning of the production on production indices. Azerb. neft. khoz. 39 no.12: 19-20 D '60. (MIRA 14:9)
(Oil reservoir engineering)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

GUSEYNOV, [illegible]

[illegible] a well drilled in a nonuniform two-layered formation and the effect of the impervious interlayer on the yield and differential pressure. Sbor.nauch.-tekh.inform. Azerb.inst. nauch.-tekh.inform.Ser.neft.prom. [illegible] 12-16 '63. (MIRA 18:8)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

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GUSEYNOV, G.P.; VAGABOVA, N.R.

Effect of an elastic reserve of the contour zone on the behavior of an oil pool in developing at a pressure below the saturation pressure. Azerb. neft. khoz. 40 no.5:27-29 My '61. (MIRA 16:12)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOVA, N.R. (Baku)

Interaction of two levels in nonstationary percolation. Inzh.zhur. 2 no.1:192-195 '62. (MIRA 15:3)

(Soil percolation)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGABOVA, N.R.

Effect of impermeable interlayer on the steady fluid flow toward imperfect wells drilled in nonuniform layers. Azerb. neft. khoz. 41 no.9:31-34 S '62. (MIRA 16:6)

(Oil reservoir engineering)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGAC, M.

Bratislava, [illegible] Vol 9, No 6, 1960
Copyright by the Publishing House of the Slovak Academy of Sciences (Vydavatelstvo Slovenskej Akademie vied), 1960.

1. "On the Vasoconstriction in Acral Skin Regions Induced by Deep Breathing, and the Possibilities of Its Practical Application," by [illegible] Institute of Experimental Medicine of the Slovak Academy of Sciences (Ustav experimentalnej mediciny Slovenskej akademie vied); director (riaditel) of the Institute is Docent M. [illegible] of Sciences and corresponding member of the Slovak Academy of Sciences; pp 457-464 (English summary).

2. "On the Dynamic Changes of Transaminase Activity in Toxic Injury to the Liver," by J. [illegible], A. [illegible] and J. [illegible] from the [illegible] Clinic of Internal Medicine (I. interna klinika) [illegible] Faculty of [illegible] University (Lekarska fakulta Univerzity Komenskeho) in Bratislava headed by (previously) Professor M. [illegible] DrSc[illegible], MD; and from the Institute of Pathological Anatomy (Ustav patologickej anatomie) at the [illegible] Faculty of Comenius University in Bratislava headed by Docent M. [illegible] MD, CSc; pp 465-475 (English summary).

3. "The Role of Pyramic Factors in the After-Treatment of Meningococcic [illegible]," by M. [illegible] and M. [illegible] of the Clinic of Orthopedics (ortopedicka klinika) at the Medical Faculty of Comenius University in Bratislava, headed by J. [illegible], corresponding member of the Slovak Academy of Sciences; pp 476-483 (English summary).

4. "On the Importance of the Psychosomatic Components in Bechet's and Reynaud's Disease," by V. [illegible] of the Department of Clinical Physiology (oddelenie klinickej fyziologie) at the Institute of [illegible] in Bratislava; [illegible] of the Slovak Academy of Sciences director [illegible] corresponding member of the Slovak Academy of Sciences; pp 484-491 (English summary).

5. "Late Results of the Surgical Treatment of Pulmonary Tuberculosis by Thoracoplasty," by M. VAGAC, DrSc, and J. [illegible], from the Final Tuberculosis Hospital (Fakultna nemocnica s poliklinikou) in Piestany (Piestany; the Department of Phthisiology (Fthizeologicka katedra) of the SZdU [Slovenska ustav pre doskolovanie lekarov; Slovak Institute for Post-Graduate Medical Training], director M. [illegible] and from the TB Dispensary of the Polyclinic in Partizanske [the oldest name: Prievidza] (Prievidza v partizanovi) headed by Docent S. [illegible], CSc; pp 491-499 (English summary).

6. "The Meroangiitis Syndrome," Docent Z. [illegible], MD, chief (prednosta), and I. [illegible], of the Obstetrics and Gynecology Clinic (Porodnicko-[illegible]) [illegible]

— 1/2 —

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VAGAC, M.; LABUS, J.; KOREC, S.

Some aspects of surgical therapy of pulmonary tuberculosis by thoracoplasty. Bratisl. lek. listy 42 no.8:491-499 '62.

1. Z Krajskej nemocnice tuberkulozy v Podunajskych Biskupiciach a z Ftizeologickej katedry SUDL, riaditel MUDr. K. Virsik, a z tbc oddelenia polikliniky v Partizanskom, prednosta doc. MUDr. S. Korec.

(THORACOPLASTY)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VIRSIK, K.; BAJAN, A.; LIBIK, D.; LITOMERICKY, S.; VAGAC, M.; KOKOLEVSKA, A.

Results of tuberculin screening tests in pregnant women. Bratisl. lek. listy 43 Pt. 2 no.6:313-317 '63.

1. Ftizeologicka katedra SUDL v Pod. Biskupiciach, riaditel MUDr. K. Virsik.
(TUBERCULIN REACTION) (TUBERCULOSIS)
(PREGNANCY COMPL, INFECTIOUS)

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VAGAC, M.; BAJAN, A.; SCHWARTZ, E.; LITOMERICKY, S.; POLASKOVA, C.

On the immunobiological problems of sarcoidosis. Bratisl. lek. listy 45 no.3:129-134 15 Ag '65.

1. Katedra ftizeologie Ustavu pre dalsie vzdelavanie lekarov a farmaceutov v Bratislave-Podunajskych Biskupiciach (veduci doc. MUDr. K. Virsik) Krajska nemocnica tuberkulozy a chorob plucnych v Bratislave-Podunajskych Biskupiciach (riaditel doc. MUDr. K. Virsik).

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DORNETZHUBER, V.; VAGAC, M.; DOBROTA, S.; BAJAN, A.; STOJANOVA, E.

Morphogenesis of the Kveim-Nickerson skin reaction in sarcoidosis. Bratisl. lek. listy 45 no.3:135-143 15 Ag '65.

1. Ustav tuberkulozy v Bratislave (riaditel MUDr. J. Markovic) Katedra ftizeologie Ustavu pre dalsie vzdelavanie lekarov a farmaceutov v Bratislave-Podunajskych Biskupiciach (veduci doc. MUDr. K. Virsik) a Krajska nemocnica tuberkulozy a chorob plucnych v Bratislave-Podunajskych Biskupiciach (riaditel doc. MUDr. K. Virsik), Oddelenie hrudnej chirurgie (veduci MUDr. S. Dobrota).

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VAGACS, A. Relationship of communications geography to cities. p.105.

Vol. 4, no. 1, 1955
FOLDRAJZI ERTESITO
GEOGRAPHY & GEOLOGY
Budapest, Hungary

So: East European Accessions, Vol. 5, no. 5, May 1956

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VAGACS, A.

Sandor Asztalos' Biro Lajos, a nagy magyar utazo (Lajos Biro, the Great Hungarian Explorer); a book review. p.258. Vol.4, No.2, 1955. FOLDRAJZI ERTESITO. Budapest Hungary.

So: Eastern European Accession. Vol 5, No.4, April 1956

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GEOGRAPHY & GEOLOGY
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VAGACS, A.

Library of the research group in geographical sciences. p. 492. Vol 4, No.4.
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Census Atlas of El Salvador; a review.

P. 251, (Foldrajzi Ertensito) Vol. 6, no2, 1957, Budapest, Hungary

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SZABO, Imre; VAGACS, Geza

Point condensation by aerial triangulation for making 1:10,000 scale maps. Geod kart 14 no.4:265-274 '62.

1. Fotogrammeter, Kartografiai Vallalat (for Szabo). 2. Mernok, Kartografiai Vallalat (for Vagacs).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

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VAGACS, Geza

Influence of the curvature of the earth and refraction on space models in aerial photogrammetry. Geod kart 15 no.4:272-276 '63.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGACS, Geza

OMI-Nistri TA3/A type stereocomparators. Geod kart 16 no.6:456-457 '64.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANE E P

USSR.

Vitamin C content of human milk as found in maternity homes of Tallin. E. P. Vagane (Inst. Hyptl. Clin. Med., Acad. Sci. ~~Estonian S.S.R.~~, Tallin). *Voprosy Pitaniya* 12, No. 6, 59-63(1953).--The amt. of vitamin C (I) in human milk (of 600 mothers) during Jan.-July is very low, approx. 3 mg.%; in the next 5 months of the year it is twice as high. The low concn. of I in the milk during the winter-spring period is related to the concn. of I in the local varieties of potatoes, the main food of the population. The addn. of I to the diet in the amt. of 300 mg./day increased the I concn. of milk from 1.2 to 4.5 mg. % within 4-7 days. The addn. of 500 and 700 mg. I/day increased the excretion of I in urine after the level of I in the milk had reached the concn. of 4.6 mg. %. It is concluded that under the nutritional conditions of Tallin the addn. of the diet of 200-300 mg. I another day is required during the first half of the year. E. Wierl

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VOGANE, E.P.

The vitamin C content in potatoes and some vegetables [illegible] Estonian potatoes and vegetables contain a high amount of vitamin C in the fall and can satisfy the vitamin demands during late summer, fall, and early winter. However, the supply may prove locally insufficient during the winter, spring, and early summer, since much of the vitamin C is lost by then.

V. M. Sternberg

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANE, E.P., kandidat farmatsevticheskikh nauk

Work of the Estonian Pharmaceutical Society. Apt.delo 6 no.5:73-74 S-O '57. (MIRA 10:11)

1. Predsedatel' Estonskogo respublikanskogo nauchnogo farmatsevticheskogo obshchestva.
(ESTONIA--PHARMACY)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANE, Einar, farmatsevt; PILLAU, V., red.

[Wholesome nutrition] Tervislikust toitumisest. Tallinn, Eesti Riiklik Kirjastus, 1964. 50 p. (MIRA 17:6)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.

107-5-30/54

AUTHOR: Vaganov, A.

TITLE: Radioactive-Particles Counter (Schetchik radioaktivnykh chastits)

PERIODICAL: Radio, 1956, Nr5, pp. 33-34 (USSR)

ABSTRACT: A description of an amateur-type self-made radiation counter for measuring 40 to 4.000 pulses per minute; voltage 350 to 2.200 v. The instrument is designed for practically any Soviet-made radiation counter. Battery power supply: two type БАС-Г-60 for plate circuits, one element ЗС-Л-30 for filaments. Plate-circuits current 10 ma, filament current 120 ma. Batteries life: 2-3 hrs of operation a day for 1 to 1½ months. A rather primitive 12-thyratron scaler has the maximum reading of 4095. Head phones are also provided. Chassis dimensions: 275 x 195 mm.

A second, very simple radiation counter is also described. It consists of a squegging oscillator, a selenium rectifier, and a filter unit, and operates at 350 to 400 volts. Audio reading only.

There are 2 figs in the article.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.

107-57-6-12/57

AUTHOR: Vaganov, A. (Khar'kov)

TITLE: A New Photocolorimeter. For the national economy. (Novyy fotokolorimetr. Dlya narodnogo khozyaystva.)

PERIODICAL: Radio, 1957, Nr 6, p 10 (USSR)

ABSTRACT: The author is trying to develop a new device for investigation of photosynthesis of plants. The device is intended for quantitative determinations of chlorophyl by a photocolorimetric method. A beam of light is passed through a red filter and through a mixture of yellow and green plant pigments dissolved in alcohol or acetone and then falls on a photo-resistor. The degree of absorption of light measures the quantity of the pigment. Type FS-B2 photo-resistor has a number of advantages over photocells. It is miniature and has a higher sensitivity and is non-aging. Such a photocolorimeter will help to study the life of plants.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.I., doktor tekhn.nauk, prof.; KUDRYAVTSEV, A.A., aspirant

Shipbuilding keramzit concrete and its use for prestressed ship elements. Trudy TSNIIRF no.40:85-108 '59. (MIRA 13:6)

(Prestressed concrete) (Shipbuilding--Supplies)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, Anatoliy Ivanovich, prof., doktor tekhn.nauk [deceased]; SATALKIN, A.V., prof., doktor tekhn.nauk, red.; SATIN, M.S., red.; PUL'KINA, Ye.A., tekhn.red.

[Investigating properties of keramzit-concrete] Issledovaniia svoistv keramzitobetona. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 63 p. (MIRA 13:9)
(Lightweight concrete)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.K.; YERAKHTIN, D.D., kandidat tekhnicheskikh nauk, retsenzent; GUTMAN, I.M., inzhener, retsenzent; DUGINA, N.A., tekhnicheskiy redaktor

[How to get better use from a diesel tractor engine] Kak luchshe ispol'zovat' dvigatel' dizel'nogo traktora. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 108 p. (MLRA 8:3)
(Tractors--Engines) (Diesel engines)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

2297 Vaganov, A. K.

Kak Luchshe Ispol'zovat' Dvigatel' Dizel'nogo Traktora. Moskva-Sverdlovsk, Mashgiz, (Uralo-Sib. Otd-Niye), 1954. 112s. s Ill. 20sm. (B-Ka Mekhaniz-atora Sel'skogo Khozyaystva). 45.000 EKZ. 2r. 5k.-
(54-55996)p 621.431.73+621.436

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.K.

ANAKIN, I.A.; GUTMAN, I.M., inzhener, retsenzent; VAGANOV, A.K., kandidat tekhnicheskikh nauk, redaktor; DUGINA, N.A., tekhnicheskiy redaktor.

[Repair of agricultural machinery parts] Vosstanovlenie detalei sel'skokhoziaistvennykh mashin; obobshchenie peredovogo opyta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1954. 89 p. (MIRA 8:4)
(Agricultural machinery--Repairing)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.K.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk; retsenzent; MAKAROV, M.P., inzh.,retsenzent; TORBEYEV, Z.S., kand. tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent; SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora sel'skogo khoziaistva. Moskva, Gos.nzuchno-tekhn.izd-vo mashinostroit. lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and implements, and operation of machine and tractor yards] Traktory i avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p. (MIRA 10:12)

(Machine-tractor stations)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.K.

ANDRYUSHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye., BELINICHER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M., YES'KOV, K.A., ZGIRSKIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N., KUZ'MOV, N.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B., RUDAKOV, A.S., SAPRYKIN, V.M., SIDOROV, F.F., UMINSKIY, Ye.A., KHANZHIN, P.K., CHERNOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary internal combustion engines, steam engines and windmills. Rural electrification. Mechanization of production in animal husbandry. Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli. Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiia proizvodstvennykh protsessov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p. (MIRA 11:9)

(Agricultural machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A K

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERNOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn. nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A., tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
(Agricultural machinery--Maintenance and repair)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, Aleksandr Konstantinovich; BEZUKLADNIKOV, M.A., inzh., red. vypuska; [illegible], G.P., inzh., red.; BUSHUYEV, N.M., kand. tekhn.nauk, red.; KUZ'MOV, N.T., inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Efficient use of tractor diesel engine] Kak luchshe ispol'zovat' dvigatel' dizel'nogo traktora. Izd.2., dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 110 p. (MIRA 12:12)

(Tractors--Engines)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, Anatoliy Maksimovich; KARPOV, Andrey Borisovich; VINOGRADOV, I.V., dots., retsenzent; MIKHEYEV, V.V., nauchn. red.; SHAKHNOVA, V.M., red.

[General construction of ships] Obshchee ustroistvo sudov. Leningrad, Sudostroenie, 1965. 267 p. (MIRA 18:7)

1. Leningradskiy korablestroitel'nyy institut (for Vinogradov).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A. N. Eng.

Mine Haulage.

Development and improvement of underground transportation. Mekh. trud. rab. 6, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1953/2 Uncl.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A. N., Eng.

Coal mines and mining.

Development and improvement of underground transportation. Mekh. trud. rab. 6 no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

LEUSHKIN, Boris Vasil'yevich; VAGANOV, A.N., otvetstvennyy redaktor; KOLOMIYTSEV, A.D., redaktor izdatel'stva; IL'INSKAYA, G.M., tekhnicheskiy redaktor

[Compressed air locomotive haulage in Czechoslovak mines] Vozdukhovoznaia otkatka na shakhtakh Chekhoslovakii. Moskva, Ugletekhizdat, 1956. 42 p. (MLRA 9:10)
(Czechoslovakia--Mine railroads)
(Compressed air)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A.N., inzh.

Instruments for checking dust content in the air. Bezop. truda v prom. 2 no. 6:23-24 Je '58. (MIRA 11:7)
(Mine dusts)
(Electronic instruments)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, Aleksandr Petrovich; SHEMYAKOV, V.P., kand.tekhn.nauk, nauchnyy red.; ROTENBERG, A.S., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Woodstone; production and use] Ksilolit; proizvodstvo i primenenie. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 141 p. (MIRA 13:2)
(Building materials)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858320018-5

VAGANOV, A. P.

AUTHORS: Yermolin, N. P. and Vaganov, A. P. [deceased] Call Nr: AF 1138798

TITLE: Calculation of Low-Powered Transformers (Raschet malomoshchnykh transformatorov)

PUB. DATA: Gosudarstvennoye energeticheskoye izdatel'stvo, Moscow-Leningrad, 1957, 144 pages, 15,000 copies

ORIG. AGENCY: None

EDITOR: Yermolin, N. P., Dr. of Tech. Sc., Professor; Editor of the publication: Andreyev, N. I.; Tech. ed.: Zabrodina, A. A.

PURPOSE: The monograph is intended for engineers and technicians working on the production of low-capacity power transformers and designing radio receiving and transmitting and also automatic control systems. It may also be of use for university and technical school students.

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Call Nr: AF 1138798

Calculation of Low-Powered Transformers (Cont.)

COVERAGE: The book presents in a systematic form the methods of calculation and design of low-capacity power transformers, autotransformers, peak and pulse transformers. Examples of engineering calculations are given. No personalities or institutions are mentioned. However, several types of transformers of Soviet design and production are described and some specifications are given. There are 8 references, 5 of which are Soviet, and 3 are translations.

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