"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

BLEYZ, N., inzh.; PANFILOV, V., kand. tekhn. nauk

the K-88A carburetor for ZIL-130 motortruck engines. Avt. transp. 43 no.8:29-30 Ag '65. (MIRA 18:9)

1. Moskovskiy karbyuratornyy zavod.

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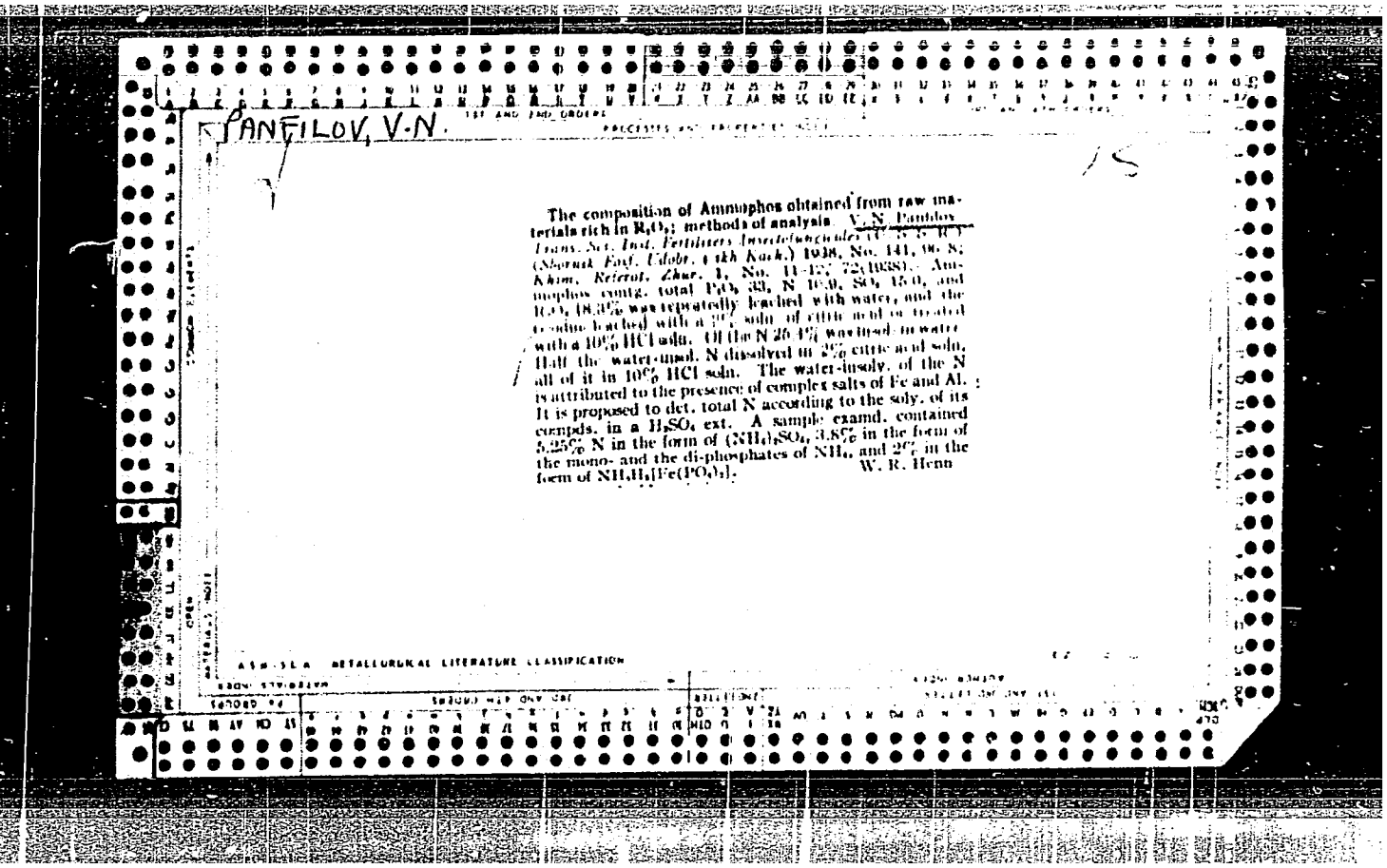

PANFILOV, V.N.

The composition of Ammophos obtained from raw materials rich in R_2O_3; methods of analysis. V. N. Panfilov. *Trans. Sci. Inst. Fertilizers Insecto-fungicides* (*Trudy Nauch. Issledovatel. Inst. Udobr. i Ikh Kach.*) 1938, No. 141, 96-8; (*Khimiya. Referat. Zhur.* 1, No. 11-12, 72(1938)). Ammophos contg. total P_2O_5 33, N 10.0, SO_3 15.0, and R_2O_3 18.3% was repeatedly leached with water, and the residue leached with a 2% soln. of citric acid or treated with a 10% HCl soln. Of the N 26.4% was lost in water, Half the water-insol. N dissolved in 2% citric acid soln, all of it in 10% HCl soln. The water-insolv. of the N is attributed to the presence of complex salts of Fe and Al. It is proposed to det. total N according to the solv. of its compds. in a H_2SO_4 ext. A sample examd. contained 5.25% N in the form of $(NH_4)_2SO_4$, 3.8% in the form of the mono- and the di-phosphates of NH_4, and 2% in the form of $NH_4H_2Fe(PO_4)_2$.

W. R. Henn

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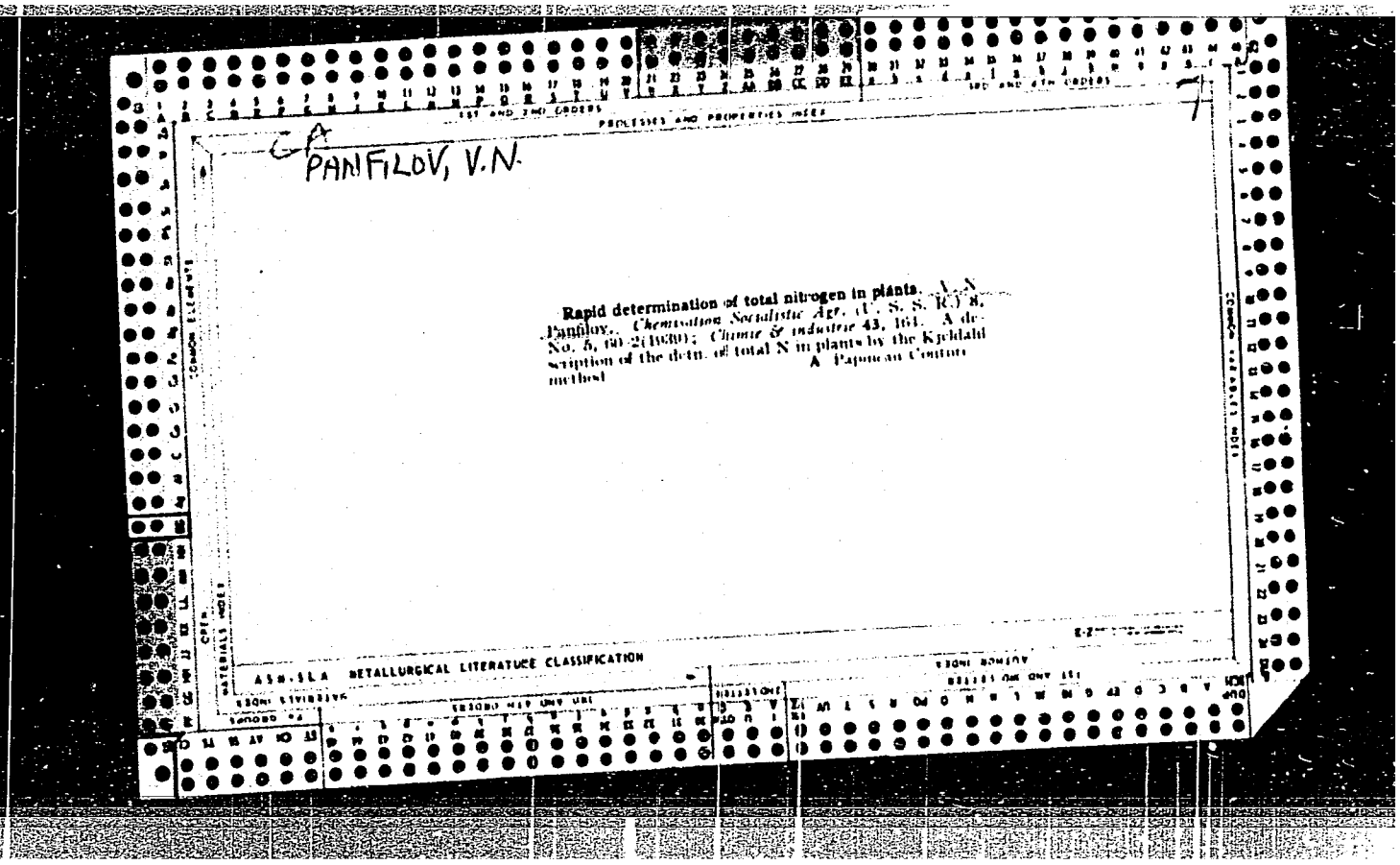

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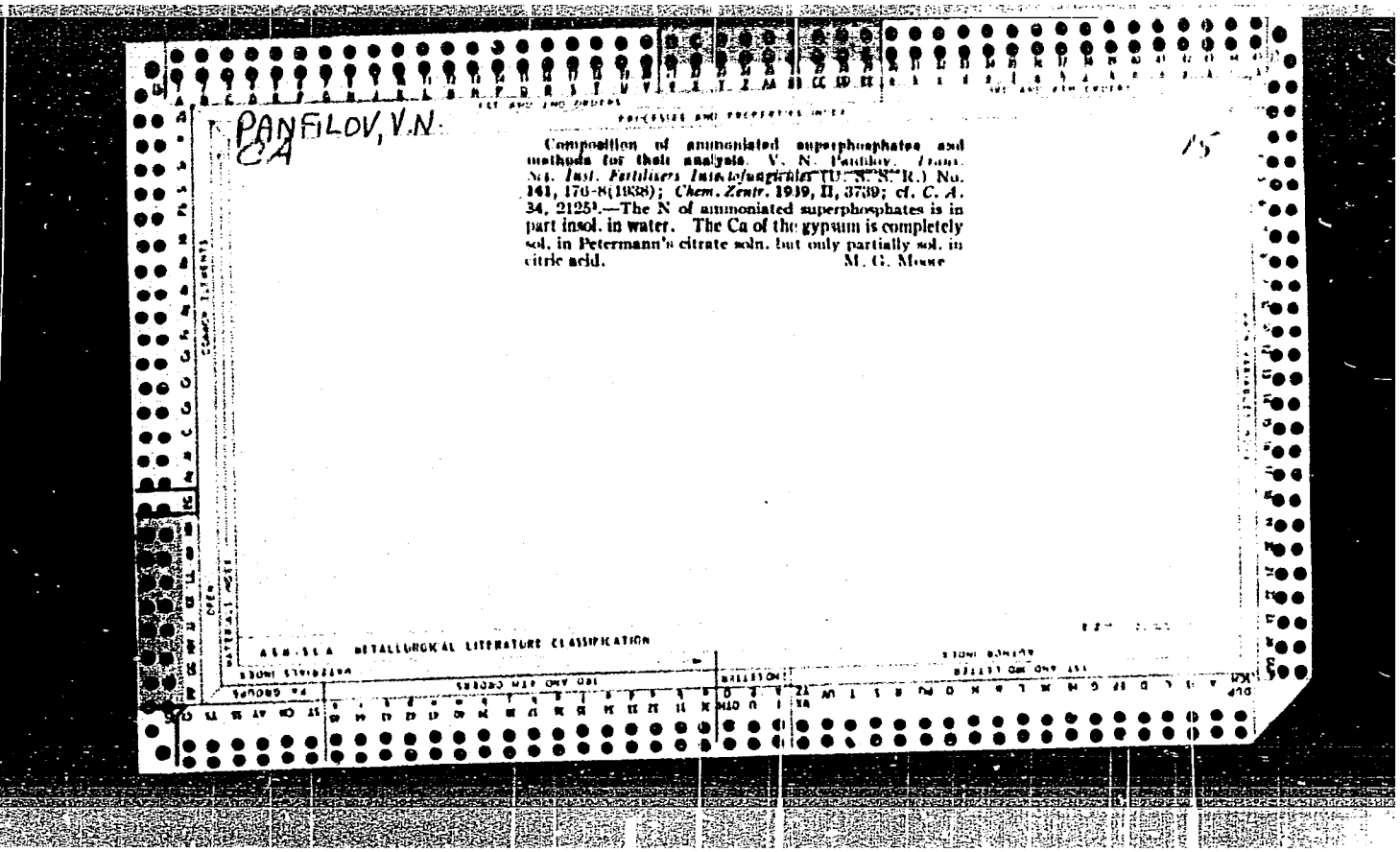

PANFILOV, V.N.
CA

Composition of ammoniated superphosphates and methods for their analysis. V. N. Panfilov. *Trans. Sci. Inst. Fertilizers Insecto-fungicides* (U. S. S. R.) No. 141, 170-8(1938); *Chem. Zentr.* 1939, II, 3739; cf. *C. A.* 34, 2125⁹.—The N of ammoniated superphosphates is in part insol. in water. The Ca of the gypsum is completely sol. in Petermann's citrate soln. but only partially sol. in citric acid. M. G. Moore

A&M-SEA METALLURGICAL LITERATURE CLASSIFICATION

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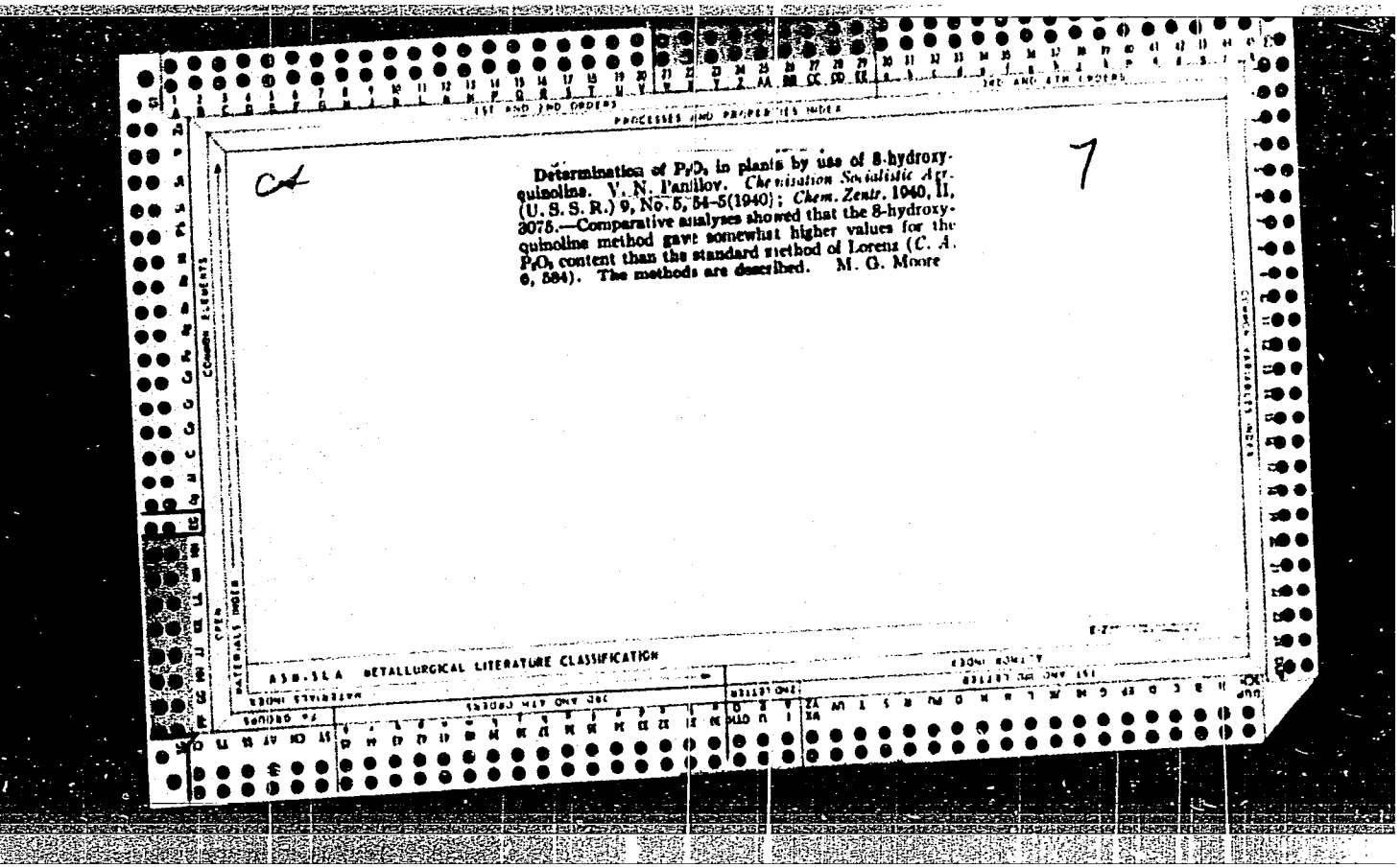

Determination of P_2O_5 in plants by use of 8-hydroxyquinoline. V. N. Pantilov. *Chemisation Socialistic Agr.* (U. S. S. R.) 9, No. 5, 54–5(1940); *Chem. Zentr.* 1940, II, 3078.—Comparative analyses showed that the 8-hydroxyquinoline method gave somewhat higher values for the P_2O_5 content than the standard method of Lorenz (*C. A.* 6, 584). The methods are described. M. G. Moore

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. N., NEYMAN, M. B., and YEFREMOV, V. Ya.

"Determination of the Alcohol Content in the oxidation products of propylene and butane (C^{14} was used)."

report presented at The Use of Radioactive Isotopes in Analytical Chemistry, Conference in Moscow. 2-4 Dec 1957
Vestnik Ak Nauk SSSR, 1958, No. 2, (author Rodin, S. S.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.N.

5(2); 22(5) PHASE I BOOK EXPLOITATION SOV/1900

Akademiya nauk SSSR. Komissiya po analiticheskoy khimii

Primeneniye radioaktivnykh izotopov v analiticheskoy khimii (Use of Radioactive Isotopes in Analytical Chemistry) Moscow Izd-vo AN SSSR, 1958. 366 p. [Series: Its: Trudy, t. 9 (12)] Errata slip inserted. 3,000 copies printed.

Resp. Ed.: I.P. Alimarin, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: A.N. Yermakova; Tech. Ed.: Z.V. Polyakova.

PURPOSE: The book is intended for chemists and chemical engineers concerned with work in analytical chemistry.

COVERAGE: The book is a collection of the principal papers presented in Moscow at the Second Conference on the Use of Radioactive Isotopes. The problems discussed at the Conference included coprecipitation, aging, and solubility of precipitates, determination of the instability constants of complex compounds, separation of rare earth metals, and ion-exchange chromatography. No personalities are mentioned. There are 351 references, 175 of which are Soviet, 33 German, 19 French, 8 Swedish, 2 Hungarian, and 2 Czech.

TABLE OF CONTENTS:

Card 1/10

Use of Radioactive Isotopes (Cont.) SOV/1900

Yefremov, V. Ya., N.B. Meyman, and V.N. Panfilov.
Determination of Alcohols by the Isotope Dil- 361
ution Method

AVAILABLE: Library of Congress

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7-17-59

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

YEFREMOV, V.Ya.; NEYMAN, M.B.; PANFILOV, V.N.

Determination of alcohols by isotopic dilution. Trudy kom.anal. khim. 9:361-366 '58. (MIRA 11:11)
(Alcohols) (Radioactive tracers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

05808
5(4) SOV/76-33-10-6/45

AUTHORS: Yefremov, V. Ya., Neyman, M. B., Panfilov, V. N.

TITLE: A Kinetic Method Based on the Use of Tagged Atoms for the Investigation of Complex Chemical and Biochemical Processes. VIII. Formation and Consumption of Methanol in the Oxidation of Propylene

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 10, pp 2151-2155 (USSR)

ABSTRACT: In order to explain the part played by alcohols as intermediates in the oxidation of hydrocarbons at low temperatures, the authors investigated the behavior of methanol in propylene oxidation. The presence of methanol in propylene oxidation has already been found by A. F. Lukovnikov (Ref 2), it was, however, not quantitatively determined. Methanol was determined here by the method of isotope dilution (Ref 5) (maximum error: 4-5%). The concentration of formaldehyde was determined polarographically (background: 0.1 n LiOH). Experiments were made under static conditions with the following mixture: - 50% O_2, 46.82% C_3H_6, 1.33% $C^{14}H_3OH$, 1.59% CH_3CHO, 0.13% CO and 0.13% CO_2.

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05808

SOV/76-33-10-6/45

A Kinetic Method Based on the Use of Tagged Atoms for the Investigation of Complex Chemical and Biochemical Processes. VIII. Formation and Consumption of Methanol in the Oxidation of Propylene

Temperature: 315 C, initial pressure: 245 mm Hg. Five cold flames were found after an induction period of 1'30". The variation in the concentration and the specific activity of methanol during the reaction (Fig 1) indicates that methanol is formed and also consumed. The latter is also indicative of the presence of radioactive carbon in formaldehyde, CO and CO_2. By graphic differentiation it was found (Fig 3) that the formation and consumption of methanol is most intense in the region of cold flames. Calculations of the rate of formaldehyde formation from methanol have shown that only a small part of formaldehyde was produced from methanol (Table 1), apparently no more than 5%. The scheme of reaction according to which methanol is formed only by acetaldehyde (Refs 8, 9) is insufficient since also other reactions take place which lead to the formation of methanol. There are 6 figures, 1 table, and 10 Soviet references.

Card 2/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

87453
B/195/60/001/002/009/010
B004/B067

11.1220

AUTHORS: Panfilov, V. N., Tsvetkov, Yu. D., Voyevodskiy, V. V.

TITLE: Detection of Hydrogen Atoms in a Dilute Hydrogen Flame by Means of epr

PERIODICAL: Kinetika i kataliz, 1960, Vol. 1, No. 2, p. 333

TEXT: In this "Letter to the Editor", the authors report that they detected hydrogen atoms in burning mixtures of H_2 and O_2 at 3 - 20 mm Hg by means of electron paramagnetic resonance. The experiments were made immediately above the lower flash point. After heating to 550 - 600°C, H_2 and O_2 were introduced into a quartz tube through the resonator of the epr spectrometer. A doublet with a g-factor $\sim$ 2 and a splitting of $\sim$500 oersteds were recorded. In a stoichiometric mixture of hydrogen and oxygen, the signal power increases by the tenfold if the total pressure is reduced from 16 to 8 mm Hg. This is explained by the quicker flow of the gas mixture at lower pressure. At 8 mm Hg, the signal amplitude increases with increasing hydrogen concentration. At present, the authors

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

42167
S/195/62/003/005/001/007
E075/E136

11.1220

AUTHOR: Panfilov, V.N.

TITLE: Investigation of hydrogen atoms in the zone of a rarefied hydrogen flame

PERIODICAL: Kinetika i kataliz, v.3, no.5, 1962, 643-650

TEXT: The concentrations of hydrogen atoms in the zone of a rarefied hydrogen flame were measured by the electronic paramagnetic resonance method; the dependence of these concentrations on the conditions of the reaction course was investigated. The burning of H_2 was conducted at 600 °C under 3-6 mm Hg. These conditions prevented stoppages of the reaction chains. Atomic H was determined for different degrees of consumption of H_2 during burning of the following mixtures: $4H_2 + O_2$, $5H_2 + O_2$, $3H_2 + O_2$, $2H_2 + O_2$, and $H_2 + O_2$. The results were compared with the values of H concentration obtained from theoretical calculations using Semenov's equation

$$\xi = 2\eta + R \ln (1 - \eta) \qquad (8)$$

where: $\xi = [H] / [O_2]_0$; $R = k_4/k_2 [O_2]_0$;

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k_2 = rate constant for the reaction of chain branching $H + O_2 \rightarrow OH + O$; k_4 = constant for the rate of recombination of H on the walls; η = degree of burning out of H_2. The experimental values of ξ and η for mixtures $4H_2 + O_2$ and $5H_2 + O_2$ agree well with the values determined by Eq. (8). For mixtures $3H_2 + O_2$, $2H_2 + O_2$ and $H_2 + O_2$, the dimensionless concentration of H is considerably smaller than that calculated by using Eq.(8). This indicates that

$$k_5/k_2 [O_2] \gg R,$$

where k_5 is a constant for the recombination of OH radicals on the walls. For the burning of mixtures containing less than 80% of H_2, although the concentration of OH radicals in the reaction zone is smaller by two orders of magnitude than the concentration of H atoms, it is not possible to neglect their recombination since this leads to considerable errors in the kinetic calculations for the reaction inside the flame. There are 7 figures.

ASSOCIATION: Institut khimicheskoy kinetiki i goreniya SO AN SSSR (Institute of Chemical Kinetics and Burning, SO AS USSR)

Card 2/2

SUBMITTED: July 17, 1962.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.N.

Hydrogen atoms in the zone of a rarefied hydrogen flame. Kin.i kat. 3 no.5:643-650 S-O '62. (MIRA 16:1)

1. Institut khimicheskoy kinetiki i goreniya Sibirskogo otdeleniya AN SSSR.
(Hydrogen--Spectra) (Combustion)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.N.

Electron paramagnetic resonance spectra of HO_2 and DO_2 radicals obtained by freezing of the products of rarefied flames at 77°K. Kin. i kat. 5 no.2:211-214 Mr-Ap '64. (MIRA 17:8)

1. Institut khimicheskoy kinetiki i goreniya Sibirskogo otdeleniya AN SSSR.

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DS/JD/WW/JW/RM

ACCESSION NR: AP5020982 UR/0195/65/006/004/0577/0584
543.078:546.11-123:542.5

AUTHOR: Panfilov, V. N.; Voyevodskiy, V. V.

42
40
B

TITLE: The reaction of hydrogen atoms with molecules of some compounds in the zone of a rarefied hydrogen flame

SOURCE: Kinetika i kataliz, v. 6, no. 4, 1965, 577-584

TOPIC TAGS: catalytic combustion, combustion theory, combustion kinetics, combustion mechanism, hydrogen atom reaction, hydrogen fuel, free radical chain reaction, chain termination, controlled kinetics, combustion activation energy, short lived moiety, kinetic flame control

ABSTRACT: The reactions of hydrogen atoms with molecules of saturated, unsaturated, and aromatic hydrocarbons as well as with molecules of monohydric alcohols were studied. Electron paramagnetic resonance measurements made it possible to observe the concentration of hydrogen atoms in rarefied hydrogen flames, and thus determine the effect of the above additives. Activation energies were calculated conventionally from plots of rate constants vs time. A convenient parameter, α, was introduced, representing the effectiveness of a given molecule in the repetitive "cycle"

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Card 2/2

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PANFILOV, V.P.

Physical properties of the basic types of soils in Novosibirsk Province. Trudy Biol. inst. Sib. otd. AN SSSR no.12:151-217 '64. (MIRA 18:7)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Availability of soil moisture to plants. Izv. Sib. otd. AN SSSR no.2:90-96 '62. (MIRA 16:10)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Change in the water balance of medium columnar Solonetz of Baraba during its reclamation. Trudy Biol. inst. Sib. otd. AN SSSR no.9:44-62 '62 (MIRA 17:8)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Moisture level of the wilting of plants in Chestnut soils of the central part of the Kulunda Steppe. Izv.Sib.otd. AN SSSR no.1: 103-106 '59. (MIRA 12:4)

1. Zapadno-Sibirskiy filial AN SSSR.
(Kulunda Steppe—Soil moisture)
(Plants—Water requirements)

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Panfilov, V.P.

USSR/Soil Science - Genesis and Geography of Soils. J-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10472

Author : Panfilov, V.P.

Inst : Biological Institute of the Western Siberian Branch of the Academy of Sciences USSR

Title : A Short Description of the Soil Cover of the Gorno-Altayskaya Autonomous Oblast'.

Orig Pub : Tr. Biol., in-ta, Zap.-Sib. fil. Akad Nauk SSSR, 1956, No 2, 83-107

Abstract : This is a short characterization of the conditions of soil formation and also a detailed description of the soil types; their distribution complies with the law of vertical zonality. The chernozems are the most valuable from the agricultural point of view. The gray-brown soils, which appear only in the southern part of the oblast', can be highly

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PANFILOV, V.P.

Moisture evaporation from the surface of chestnut soils of the Kulunda Steppe. Izv. SO AN SSSR no.8. Ser. biol.-med. nauk no.2:3-7 '64 (MIRA 18:1)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

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PANFILOV, V.P.

PANFILOV, V.P.

Moisture capacity of fields and some characteristics of moisture movement in dark Chestnut soils of central Kulunda. Izv.vost.fil. AN SSSR no.2:115-122 '57. (MIRA 10:9)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Kulunda Steppe--Soil moisture)

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PANFILOV, V. P.

PANFILOV, Vladimir Petrovich; PETRUCHIK, Valeriy Avksen't'yevich; VORONOV, Ye.K., redaktor; DIZHUR, I.M., redaktor; VOLKOVA, Ye., tekhnicheskiy redaktor

[Labor and its planning in marine transportation] Trud i ego planirovanie na morskom transporte. Moskva, Izd-vo "Morskoi transport," 1955. 259 p. (MLRA 9:1)
(Merchant marine)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. P., Cand Agr Sci -- (diss) "Water conditions of non-irrigated and irrigated chestnut-brown soils of Central Kulunda." Novosibirsk, 1960. 16 pp; (Academy of Sciences USSR, Soils Inst im V. V. Dokuchayev); 150 copies; price not given; (KL, 18-60, 154)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, VLADIMIR PETROVICH

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756.11
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Trud I Yego Planirovaniye Na Morskom Transporte (Work and Its Planning in Marine Transport, By) V. P. Panfilov I V. A. PETRUCHIK. Moskva, Izd-vo "Morskoy Transport," 1955.
259 P. Tables.
Literatura: P. 258.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

USSR / Soil Science. Physical and Chemical Properties J
of Soils.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95700.

Author : Panfilov, V. P.
Inst : Eastern Branch AS USSR.
Title : Concerning Field Moisture Capacity and Some Regularities of Moisture Movement in Dark-Chestnut Soils of Central Kulunda.

Orig Pub: Izv. vost. fil. AN SSSR, 1957, No 2, 115-122.

Abstract: Experiments were conducted on irrigated dark-chestnut soils of Klyuchevskiy Rayon, Altayskiy Kray. After a determination of their original soil moisture, plots measuring 12 m^2 were flooded with water from calculations of 2000, 2500 and 3000 m^3/ha (according to variants). Soil moisture was determined at 1, 2, 3, 5, 10, 15

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. P.

"The Moisture Capacity of, and some of the Principles Governing the Movement of Moisture in the Dark-brown Soil of Central Kulunda," Izv. vostochnykh filialov Akad. Nauk SSSR, No. 2, pp. 115-122, 1957.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. P.

Uzlovye voprosy organizatsii truda na rechnom transporte. [Main questions of labor organization in waterway transportation]. (Rechnoi transport, 1947, no. 5, p. 1-3). DLC: TC601.R4

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

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Brief description of the soils of the Gorno-Altai Autonomous Province. Trudy Biol. inst. Zap.-Sib. fil. AN SSSR no.2:83-107 '56. (MIRA 13:10)
(Gorno-Altai Autonomous Province--Soils)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Land improvement characteristics of dark chestnut soils of the irrigated experimental area. Trudy Biol. inst. Sib. otd. AN SSSR no.4: 18-29 '59. (MIRA 13:10)

(Kulunda Steppe--Soils)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.P.

Water balance of irrigated dark Chestnut soils under various farm crops. Trudy Biol. inst. Sib. otd. AN SSSR no.4:30-48 '59. (MIRA 13:10)

(Kulunda Steppe--Soil moisture)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

KOVALEV, R.V., doktor sel'khoz. nauk, otv. red.; IL'IN, V.B., kand. sel'khoz. nauk, red.; KLEVENSKAYA, I.L., kand. biol. nauk, red.; NEMLIYENKO, V.K., mlad. nauchn. sotr., red.; PANIN, P.S., kand. sel'khoz. nauk, red.; PANFILOV, V.P., kand. sel'khoz. nauk, red.; TROFIMOV, S.S., kand. sel'khoz. nauk, red.

[Transactions of the Conference of the Soil Scientists of Siberia and the Far East] Trudy Konferentsii pochvovedov Sibiri i Dal'nego Vostoka. Novosibirsk, AN SSSR, 1964. 532 p. (MIRA 18:3)
1. Konferentsiya pochvovedov Sibiri i Dal'nego Vostoka. Novosibirsk, 1962. 2. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR (for Panfilov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. S.: Master Tech Sci (diss) -- "Investigation of certain designs for spillway dams on non-rock foundations". Moscow, 1959. 18 pp (Min Higher Educ USSR, Moscow Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev), 130 copies (KL, No 14, 1959, 120)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.S., aspirant

Some problems in the calculation of concrete spillway dams on soil foundations. Sbor.trud. NISI no.29:185-212 '59. (MIRA 13:7)
(Spillways)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ANDREYEV, N. D., BATOVA, D. A., PANFILOV, V. S. (Leningrad)

"Work on the Vietnam-Russian Algorithm of Machine Translations."

Theses - Conference on Machine Translations, 15-21 May 1958, Moscow.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V. S.

28(2) PHASE I BOOK EXPLOITATION SOV/2146

Leningrad. Universitet

Materialy po mashinnomu perevodu; sbornik 1 (Materials on Machine Translation; Collection of Articles Nr 1) Leningrad, Izd-vo Leningr. univ., 1958. 228 p. 1,000 copies printed.

No contributors mentioned.

PURPOSE: The book is for students, scientists, and engineers interested in machine translation.

COVERAGE: This collection of 15 articles is published as volume I of the Materials on Machine Translation. It represents the work of 25 Soviet scientists at the Leningrad University Experimental Laboratory for Machine Translation which was created in March 1958 to continue research on translating with the aid of electronic machines. Although the present volume deals with both the theoretical and the practical aspect of machine translating, the emphasis is on the compilation of algorithms for a number of languages, many of them Asiatic. There are no references.

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AVAILABLE: Library of Congress

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9-15-59

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(19)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ROMANOV, Nikolay Trofimovich, kand. tekhn. nauk; PANFILOV, V.S., inzh., retsenzent

[Technology of compressed woods and particle boards] Tekhnologiia drevesnykh plastikov i plit. Moskva, Lesnaia promyshl., 1965. 499 p. (MIRA 18:4)

1. Voronezhskiy lesotekhnicheskiy institut (for Panfilov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

Panfilov, V.T.

BLEYZ, Naum Grigor'yevich; KOMOV, Andrey Georgiyevich; PANFILOV, Vladimir Trofimovich; OKUNEV, Yu.K., mayor, redaktor; SOLOMONIK, R.L., tekhnicheskiy redaktor

[New apparatus for the fuel systems of ZIL trucks] Novye pribory sistemy pitaniia gruzovykh avtomobilei ZIL. Moskva, Voen.izd-vo M-va obor.SSSR, 1957. 68 p. (MLRA 10:9)
(Motortrucks--Engines)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

KURAYEV, A.V.; PANFILOV, V.T.; SEMENKOV, P.L.; SOSKOV, B.Ya.; ZARUBIN, A.G., otvetstvennyy red.; LEZHNEVA, Ye.I., red.izd-va; MATVEYEVA, Ye.N., tekhn.red.; TIKHANOV, A.ya., tekhn.red.

[ZIL-164 truck; instructions for operation] Avtomobil' ZIL-164; instruktsiia po ekspluatatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 175 p. (MIRA 11:4)

1. Moskovskiy avtomobil'nyy zavod im. I.A.Likhacheva. 2. Zamestitel' glavnogo konstruktora Moskovskogo avtomobil'nogo zavoda im. I.A. Likhacheva (for Zarubin)
(Motortrucks)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ILARIONOV, V.A., kand.tekhn.nauk; PANFILOV, V.T.; DERBAREMDIKER, A.D.

Effect of the gap between the piston and cylinder of a shock absorber on its characteristics. Avt.prom. no.9:17-20 S '60. (MIRA 13:9)

1. Moskovskiy avtomobil'no-dorozhnyy institut i Moskovskiy karbyuratornyy zavod.
(Automobiles--Shock absorbers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Vladimir Trofimovich; BLEYZ, Naum Grigor'yevich; KOMOV, Andrey Georgiyevich; KONEV, B.F., kand. tekhn. nauk, retsenzent; NILOV, N.A., inzh., red.; VASIL'YEVA, I.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Devices in the fuel system of ZIL engines] Pribory sistemy pitaniia dvigatelei avtomobilei ZIL. Moskva, Mashgiz, 1961. 179 p. (MIRA 14:11)

(Motor vehicles—Fuel systems)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

SHUKHOV, Oleg Kronidovich, kand. tekhn. nauk; PANFILOV, V.T., inzh., retsenzent; NAKHIMSON, Z.A., red. izd-va; CHERNOVA, Z.I., tekhn. red.

[Emulsion carburetors; principle of operation and methods for regulation] Emul'sionnye karbiuratory; printsip raboty i metody regulirovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 70 p. (MIRA 15:4)
(Automobiles--Engines--Carburetors)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

KUZNETSOV, Sergey Ivanovich; ZUBAREV, Alekcey Afanas'yevich; KURAYEV, Aleksandr Vasil'yevich; PANFILOV, Vladimir Trofimovich; KOSOROTOV, B.V., inzh.-polkovnik zapasa, red.; SOKOLOVA, G.F., tekhn. red.

[ZIL motortruck] Gruzovye avtomobili ZIL. Moskva, Voenizdat, 1962. 495 p. (MIRA 15:6)

(Motortrucks)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

L 27235-66 EWT(d)/EWT(m)/ETC(m)-6/T-2/EWP(f) WW

ACC NR: AP6009919 (A) SOURCE CODE: UR/0413/66/000/004/0116/0116

AUTHORS: Pokrovskiy, G. P.; Lenin, I. M.; Panfilov, V. T.; Fedorov, P. V.

ORG: none

TITLE: Carburetor for internal combustion engines. Class 46, No. 179121

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 116

TOPIC TAGS: fuel carburetor, internal combustion engine, transducer

ABSTRACT: This Author Certificate presents a carburetor for internal combustion engines. The carburetor contains a diffuser with atomizer which supplies fuel from a hermetically sealed float chamber at a rate dependent on the pressure difference between the chamber and the diffuser (which are connected by a variable resistance channel (see Fig. 1). To increase economy, the channel is equipped with a fast-

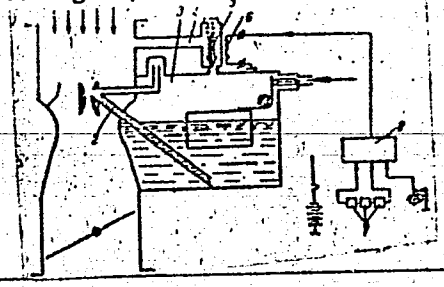

Fig. 1. 1 - diffuser; 2 - atomizer; 3 - float chamber; 4 - channel; 5 - valve; 6 - electromagnet; 7 - sensor; 8 - transducer.

UDC: 621.43.033.9

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

L 27235-66

ACC NR: AP6009919 O

acting valve actuated by an electromagnet in response to an electric signal from a transducer which senses the engine operating regime and the environmental conditions. Orig. art. has: 1 figure.

SUB CODE: 21, 13/ SUBM DATE: 22Feb64

Card 2/2 dc

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

BLEYZ, Naum Grigor'yevich; GLEYZER, Lev Abramovich; PANFILOV, Vladimir Trofimovich; OKUNEV, Yu.K., red.

[Pneumatic systems for automobiles] Avtomobil'nye pnevmaticheskie pribory. Moskva, Voenizdat, 1965. 148 p. (MIRA 18:6)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ILARIONOV, V.A., kand.tekhn.nauk; PANFILOV, V.T.; DERBAREMDIKER, A.D.

Investigating hydraulic characteristics of the valves of a shock absorber. Avt.prom. 29 no.1:19-22 Ja '63. (MIRA 16:1)

1. Moskovskiy avtodorozhnyy institut i Moskovskiy karbyuratornyy zavod.

(Valves) (Automobiles--Shock absorbers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.V.; VERESHCHAGIN, L.F.

Paramagnetic resonance of manganese sulfide within a wide temperature range. Dokl. AN SSSR 154 no.4:819-820 F '64. (MIRA 17:3)

1. Institut fiziki vysokikh davleniy AN SSSR. 2. Chlen-korrespondent AN SSSR (for Vereshchagin).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, V.V.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

S/0020/64/154/004/0819/0820

ACCESSION NR: AP4012965

AUTHOR: Panfilov, V. V.; Vereshchagin, L. F. (Corresponding Member AN SSSR)

TITLE: Paramagnetic resonance in MnS in a wide temperature range

SOURCE: AN SSSR. Doklady*, v. 154, no. 4, 1964, 819-820

TOPIC TAGS: paramagnetic resonance, antiferromagnetic, resonance absorption, manganese sulfide

ABSTRACT: The present work was undertaken in order to find the reason for the discrepancy in the results of other authors who studied the resonance of uniaxial antiferromagnetics during the transition from the paramagnetic to the antiferromagnetic state. The resonance in MnS powder has been measured in the temperature interval between +100 to -195C at a frequency of 9285 Mc. The apparatus is described [essentially a double Dewar and heating arrangement]. The constant magnetic field of an electromagnet was perpendicular to the magnetic component of the high-frequency field at the location of the specimen. The resonance absorption maximum at first increases somewhat with decreasing temperature, then decreases rapidly.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

USSR/Forestry - Forest Cultures K-5

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86907

Author : Panfilov, Ya. D.
Inst : Not given
Title : The Construction and Width of Protective Forest Stands

Orig Pub: S. kh. Povolzh'ya, 1956, No 8, 25-28

Abstract: It is pointed out that effective wind protection by shelterbelts does not depend on their width but on their construction. A densely-crowned avenue planting with the greatest passage for air just above the ground is considered best. Its wind-retarding action is greater than that of an ordinary belt; it satisfactorily decreases evaporation, assures self-clearing of snowdrifts from road beds in winter and spring, decreases by 1½ to 2 times the arable area taken up, and has a number of other advantageous characteristics. Comparative data is presented on the "performa-

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Ya.D.

In defense of the study of the structural types of forest stands.
Trudy GGO no.88:30-47 '60. (MIRA 13:8)
(Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, YA. D.

PHASE I BOOK EXPLOITATION SOV/4489
SOV/2-8-88

Leningrad. Glavnaya geofizicheskaya observatoriya

Voprosy obshchey i sinopticheskoy klimatologii (Problems in General and Synoptic Climatology) Leningrad, Gidrometeoizdat, 1960. 141 p. (Series: Its: Trudy, vyp. 88) Errata slip inserted. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Sovet Ministrov. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

Ed. (Title Page): O. A. Drozdov, Doctor of Geographical Sciences; Ed. (Inside book): T. V. Ushakova; Tech. Ed.: M. Ya. Flaum.

PURPOSE: This publication is intended for meteorologists and synoptic climatologists.

COVERAGE: This issue of the Main Geographical Observatory's Transactions contains 12 articles dealing with wind-caused redistribution of precipitation, ice accretion under various relief conditions, the characteristics of snow depositions, and forest shelter belts. The microclimatic peculiarities of a large city are analyzed. An evaluation of the velocity of moisture dispersion and transfer is attempted. Variability in the lower boundary of cloudiness and the possibility of analyzing temperature anomalies by taking into account the forms and intensity of circulation are discussed. The relationship between the variability of precipitation and the forms of atmospheric circulation is examined. The climatic conditions in individual regions of the USSR are described in three articles. No personalities are mentioned. References follow each article.

AVAILABLE: Library of Congress

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ALEKSANDROV, R.G.; BARBASHINA, Ye.G.; BAS'KO, K.P.; VARTAN'YAN, A.S.; VASILEVSKIY, P.F.; GLAGOLEVA, L.A.; DUBININ, N.P., prof., doktor tekhn. nauk; KONSTANTINOV, L.S.; KOROTKOV, A.I.; LESNICHENKO, V.L.; PANFILOV, Ye.A.; TRUBITSYN, N.A.; TUCHKEVICH, N.M.; FADEYEV, A.D.; FOKIN, G.F.; MARTENS, S.L., inzh., red.; SOKOLOVA, T.F., tekhn. red.

[Steel casting; foundrymen's handbook] Stal'noe lit'e; spravochnik dlia masterov liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 887 p. (MIRA 14:8)
(Founding)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

L 15188-66 EWT(d)/EWT(m)/EWP(w)/EWP(t)/EWP(c)/EWP(v)/T/EWP(k)/EWP(h)/EWP(l)/ETC(m)-6
ACC NR: AT6001704 IJP(c) WW/EM/DJ/GS SOURCE CODE: UR/0000/65/000/000/0091/0099

AUTHOR: Panfilov, Ye. A.

ORG: none

TITLE: Some peculiarities of vibration and balancing of high-speed rotors

SOURCE: Uravnoveshivaniye mashin i priborov (Balancing of machinery and instruments). Moscow, Izd-vo Mashinostroyeniye, 1965, 91-99

TOPIC TAGS: turbomachinery, rotor balancing, turbine rotor, ball bearing, compressor rotor/ SA46202E1 ball bearing, 3S100E1 ball bearing

ABSTRACT: A number of experiments were performed to determine the effects of several factors on the quiet operation of high-speed rotors and to evaluate ball bearing operation. The experiments were performed on a rotor consisting of shaft 1, expansion turbine 2 and centrifugal compressor 3 supported on radial bearings 4 which were loaded by springs 5 (see Fig. 1). The ball bearings were press fitted on the shaft (0.001--0.005 mm) and fitted into body 6 with a clearance of 0.003--0.008 mm. Two types of bearings (SA46202E1 and 3S100E1) were tested. After a normal run-in period of 2--3 hours (SA462E1 at 28 000--35 000; 3S100E1 at 60 000--100 000 rpm) the rotors required rebalancing to at least 0.02 gcm and 0.015 gcm respectively. After that, the unbalance of the turbine and compressor sides were checked every 10 hours. It was found that the unbalance with the SA46202E1 bearings rose during the first 30 hours by

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Card 2/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

L 15188-66

ACC NR: AT6001704

TsKB1060R race) showed the latter to be superior with respect to rotor vibration. Engineer L. Ya. Levental' participated in the experiments. Orig. art. has: 6 figures.

SUB CODE: 13/ SUBM DATE: 04Sep65/ ORIG REF: 006/ OTH REF: 001

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Ye. A.

CHERTOK, M.Yu.; PANFILOV, Ye.A.

The SM-255 electric-powered loader. Mekh.trud.rab. 9 no.10:37-38 O '55. (Industrial electric trucks) (MLRA 9:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

BYCHIKHIN, V.T.; PANFILOV, Ye.G.; GROMOV, R.A.

Industrial training of ninth graders. Politekh.obuch. no.11: 17-22 N '58. (MIRA 11:12)
(Moscow--Field work (Educational method))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

AGOSHKOV, M.I.; CHUDAKOV, V.V., inzh.; PANFILOV, Ye.I., inzh.; SIMAKOV, V.A., inzh

[Establishing standards for operating expenses depending on the width of the stoping area in mining thin seams; report at the conference on problems of finding efficient methods of mining lode deposits held in Irkutsk, June 4-6, 1963] Normirovanie trudovykh zatrat v zavisimosti ot shiriny ochistnogo prostranstva pri razrabotke tonkikh zhil; doklad na soveshchanii po voprosam izyskaniia effektivnykh sposobov razrabotki zhil'nykh mestorozhdenii v g. Irkutske (4-6 iiunia 1963 g.) Moskva, In-t gornogo dela im. A.A.Skochinskogo, 1963. 15 p. (MIRA 18:5)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Ye.I., inzh.

Effect of the diameter of the explosive charge on the piece-size distribution of broken ore in working veins.
Nauch. soob. IGD 18:72-79 '63. (MIRA 16:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

Panfilov, Ye. I.

14(5) PHASE I BOOK EXPLOITATION SOV/2944

Akademiya nauk SSSR. Institut gornogo dela

Nauchnyye problemy razrabotki mestorozhdeniy polezn'kh iskopayemykh (Scientific Problems in Developing and Exploiting Mineral Deposits) Moscow, Izd-vo AN SSSR, 1959. 333 p. 3,000 copies printed. Errata slip inserted.

Resp. Ed.: N.V. Mel'nikov, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: Yu.P. Vasil'yev; Tech. Ed.: F.S. Kashina.

PURPOSE: This book is intended for coal and ore mining engineers.

COVERAGE: The collection of articles reports on the results of scientific studies conducted by members of the Institute of Mining Industries of the AN SSSR on problems of developing and exploiting coal and ore deposits. The book is divided into two parts. Part I discusses the development and exploitation of coal deposits, the trends in developing underground and surface exploitation methods, the scientific bases and principles applied in selecting exploitation methods for different natural conditions, the determination of the basic elements in the use of modern mechanized equipments in underground development, and the preparation and exploitation of coal. Part II is devoted to problems in the development and exploitation of ore deposits in the area of the KMA (Kursk Magnetic Anomaly), the open pit mining method used in exploiting the rich KMA ores, the determination of size of ore, and further ore dressing. The book is dedicated to Academician Lev Dmitriyevich Shevyakov, mining engineer. The articles are accompanied by diagrams, tables, and bibliographic references.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

AGOSHKOV, M.I.; SIMAKOV, V.A., kand. tekhn. nauk; CHUDAKOV, V.V., gornyy inzh.; PANFILOV, Ye.I., gornyy inzh.

Reducing the working thickness is the principle task in improving the mining of lode deposits. Gor. zhur. no.6:3-8 Je '64. (MIRA 17:11)

1. Institut gornogo dela im. A.A. Skochinskogo. 2. Chlen-korrespondent AN SSSR (for Agoshkov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Ye.T. (Leningrad)

Moisture in clayey soils as one of the factors of their bearing capacity. Osn., fund.i mekh.grun. 2 no.4:13-14 '60. (MIRA 13:7)

(Clay) (Soil moisture)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Yu.A.

Causes for the appearance of thromboendocarditis in myocardial infarct. Trudy Kuib.med.inst. 11:74-77 '60. (MIRA 15:8)

1. Iz kafedry propedevticheskoy terapii (zav. prof. S.V.Shestakov) i kafedry patologicheskoy anatomii (zav. prof. N.F.Shlyapnikov) Kuybyshevskogo meditsinskogo instituta.
(HEART--INFARCTION) (THROMBOSIS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

GONCHAROVA, L.N.; VEL'TMAN, L.A.; PANFILOV, Yu.A.

Synchronized electro-, phono- and ballistocardiographic registration with the aid of an industrial electromagnetic oscillotraph MPO-2. Terap.arkh. 33 no.4:87-88 '61. (MIRA 14:5)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof. S.V.Shestakov) Kuybyshevskogo meditsinskogo instituta.
(ELECTROCARDIOGRAPHY) (HEART--SOUNDS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Yu. A.

Interrelation in the type of electrocardiogram and changes in the ballistocardiogram in patients with chronic pulmonary diseases. Terap. arkh. 33 no.5:49-54 My '61. (MIRA 14:12)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof. S. V. Shestakov) Kuybyshevskogo meditsinskogo instituta.

(LUNGS—DISEASES) (ELECTROCARDIOGRAPHY)
(BALLISTOCARDIOGRAPHY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Yu. A., Cand Med Sci, "On Thromboendocarditis in Myocardial Infarction." Kuybyshev, 1961. (Min of Health RSFSR. Gor'kiy Med Inst imeni S. M. Kirov). (KL-DV, 11-61, 229).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

S/137/62/000/003/062/191
A006/A101

15,2400

AUTHORS: Skorokhod, V. V., Fedorchenko, I. M., Panfilov, Yu. A.

TITLE: On the calculation of the concentration dependence of electric conductivity and magnetic permeability of bi-phase cermet alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 41, abstract 3G281 ("Poroshk. metallurgiya", 1961, no. 4, 42 - 46, English summary)

TEXT: The applicability of the Odelevskiy and Landau and Lifshits formulae to calculate the properties of the type of conductivity was checked on Fe-Cu and Ni-Ag compositions. Both formulae are in a satisfactory agreement with experimental data on electric conductivity and magnetic permeability. The authors analyze the causes of deviations from the theory which are connected with the formation of partially matrix systems or the imperfection of interparticle contacts. The authors present also results of investigating electric conductivity in the Cu-W system.

R. Andriyevskiy

[Abstracter's note: Complete translation]

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Yu.A.

Ballistocardiography in certain heart diseases. Kaz.med.zhur. 40 no.1:69-70 Ja-F '59. (MIRA 12:10)

1. Iz kafedry propedevticheskoy terapii (zav. - prof.S.V. Shestakov) Kuybyshevskogo meditsinskogo instituta.
(BALLISTOCARDIOGRAPHY) (HEART--DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

SKOROKHOD, V.V.; FEDORCHENKO, I.M.; PANFILOV, Yu.A.

Calculating the concentration dependence of electrical conductivity and magnetic permeability in two-phase ceramic metal alloys. Poroshk. met. no.4:42-46 Jl-Aug '61. (MIRA 16:5)

1. Institut metallokeramiki i spetsial'nykh splavov AN UkrSSR.
(Ceramic metals--Magnetic properties)
(Electric conductivity)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOV, Yu.A.

Anticoagulants in the treatment of myocardial infarct with thrombo-endocarditis. Kaz.med.zhur. 40 no.4:17-20 Jl-Ag '59. (MIRA 13:2)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zaveduyushchiy - prof. S.V. Shestakov) Kuyubyshevskogo meditsinskogo instituta.
(ANTICOAGULANTS(MEDICINE)) (HEART--INFARCTION)

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SHESTAKOV, S.V., prof., PANFILOV, Yu.A.

Cardiac insufficiency in chronic nonspecific diseases of the lungs, treatment and prevention. Sov.med. 22 no.11:29-35 N'58 (MIRA 11:11)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof. S.V. Shestakov) Kuybyshevskogo meditsinskogo instituta.

(LUNG DISEASES, compl.
chronic, congestive heart failure (Rus))
(CONGESTIVE HEART FAILURE, etiol. & pathogen.
chronic lung dis. (Rus))

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ACC NR: AP6034017 (A) SOURCE CODE: UR/0226/66/000/010/0044/0047

AUTHOR: Denisenko, E. T.; Panfilov, Yu. A.

ORG: Institute of the Problems of the Science of Materials, AN Ukr SSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: On the problem of oxidation of porous bodies

SOURCE: Poroshkovaya metallurgiya, no. 10, 1966, 44-47

TOPIC TAGS: powder metal, powder alloy, sintered alloy, porous alloy, ~~porous alloy oxidation~~, oxidation resistance, POROUS METAL, METAL OXIDATION

ABSTRACT: The oxidation resistance of porous bodies working in various gaseous media at high temperatures has been investigated. Compacted and sintered ingots of APZhM (Armco) iron powder with a porosity of 30%, unalloyed or alloyed with 6 wt % Cr, were oxidized in air at 300—800C for 5 hr. The experimental data agreed satisfactorily with the theoretical and showed that in sintered ingots with a porosity higher than 10—15%, alloying the initial powder with elements which increase its oxidation resistance increased the weight gain of the ingots. This is explained by an increased maximum depth of penetration of the oxidizing agent because of lowering the oxidation constant. Thus in oxidation of porous bodies, the integral weight gain cannot be used as a criterion of the oxidation resistance. Evaluation of oxidation resistance of porous materials should be done either at temperatures below

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the maximum oxidation temperature of the base material, because i, this case oxidation occurs at a constant surface, or on low-porosity (below .0%) specimens in any temperature range. Any factors (alloying decreasing parti . pressure of oxygen in a gaseous medium, etc.) which lower the oxidation consi .t of the base material promote deeper oxidation of the porous body and sharper . anges in its physicomechanical properties. It follows that in alloying of pow ers, the above peculiarities of oxidation should be taken into account and that . finite precautions should be used in evaluating the oxidation resistance of porous p .ts from complex alloys by the weight gain. Orig. art. has: 4 figures and 5 form las.

SUB CODE: 11/ SUBM DATE: 19Apr66/ ORIG REF: 003/ OTH REF: 001

Card 2/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, A.L., kand. tekhn. nauk

Fireproofing of wood by using the rapid hot-and-cold bath method. Nauch. soob. TSNIISK no.6:19-38 '58. (MIRA 12:3)
(Fireproofing of wood)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, A.L., kand.tekhn.nauk

Reed preservation against putrefaction. Nauch.soob.TSNIISK no.17:4-104 '61. (MIRA 15:2)
(Wood--Preservation) (Reed (Botany))

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, A.L., kand. tekhn.nauk, st. nauchn. sotr.; IVANOV, Yu.M., doktor tekhn. nauk, prof., red.; STRASHNYKH, V.P., red.izd-va; MIKHEYEVA, A.A., tekhn. red.

[Instructions for protecting reeds and reed products from decay] Instruktsiia po zashchite kamysha i izdelii iz nego ot gnieniia. Moskva, Gosstroiizdat, 1962. 29 p.
(MIRA 16:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Ivanov).
(Reed products)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, A. L. Cand. Tech. Sci.

Dissertation: "Antiseptics for Construction Works on the Basis of Noncritical Substances." Central Sci Res Inst of Industrial Structures - "TsNIPS" 6 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

IVANOV, Yu.M., doktor tekhn.nauk, prof.; PANFILOVA, A.L., kand.tekhn. nauk, starshiy nauchnyy sotrudnik; GORDEYEV, P.A., red.izd-va; TEYYERMAN, T.M., tekhn.red.

[Rapid method for treating wood in a hot-and-cold bath] Uskorennyi sposob propitki drevesiny v goriache-kholodnoi vanne. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam. 1958. 42 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie, no.4) (MIRA 11:12)

(Wood--Preservation)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

IVANOV, Yu.M., prof.; PANFILOVA, A.L., nauchnyy sotrudnik; PANFEROV, K.V., nauchnyy sotrudnik; PETRI, V.N., prof.; MOROZOV, M.I., nauchnyy sotrudnik; PERMIKIN, I.P., nauchnyy sotrudnik

Moisture-resistant parquet staves made of birch or beech. Rats. i izobr. predl. v stroi. no.5:27-30 '58. (MIRA 11:6)

1.TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR (for Panfilova, Panferov), stantsiya Perovo - 3 Moskovskoy oblasti. 2.Sverdlovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta promyshlennykh sooruzheniy (for Morozov, Permikin), Sverdlovsk, ul. Krenkelya, d.5. (MIRA 11:6)
(Parquet floors)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

IVANOV, Yu.M., doktor tekhn. nauk; PANFILOVA, A.L., kand. tekhn. nauk

Investigation of antisepticizing and fireproofing methods to preserve the wooden framework of outside wall panels. Trudy TSNIISK no.26:42-61 '63. (MIRA 16:8)

(Fireproofing) (Walls)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

IVANOV, Yu.M., prof.; PANFILOVA, A.L., starshiy nauchnyy sotrudnik, kand. tekhn. nauk; LEPARSKIY, L.O., mladshiy nauchnyy sotr.; PETROVA, V.V., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Instructions for the impregnation of wooden parts in hot and cold baths by the method developed by the Central Scientific Research Institute of Structures] Ukazaniia po propitke sposobom TsNIISK dereviannykh detalei v goriache-kholodnykh vannakh. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 24 p. (MIRA 14:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii.

(Wood--Preservation)

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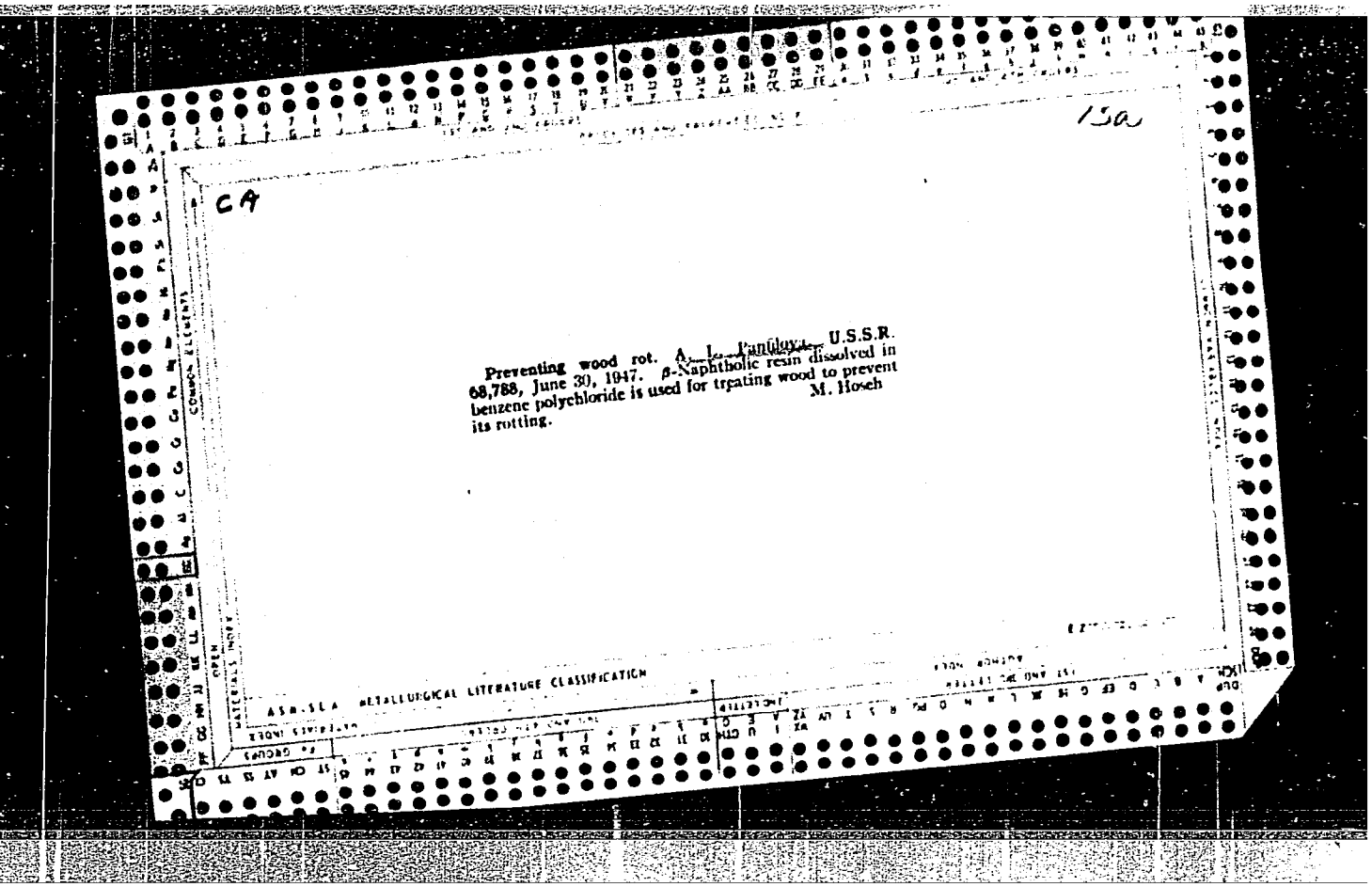

CA

15a

Preventing wood rot. A. L. Pantilov. U.S.S.R. 68,788, June 30, 1947. β-Naphtholic resin dissolved in benzene polychloride is used for treating wood to prevent its rotting. M. Hoseh

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, Anastasiya Mikhaylovna; VOSKRESENSKIY, Yu.V., red.

[Formation of a working class in the U.S.S.R. during the years of the first five-year plan, 1928-1932] Formirovanie rabochego klassa SSSR v gody pervoi piatiletki (1928-1932). Moskva, Izd-vo Mosk. univ., 1964. 174 p. (MIRA 18:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, Anastasiya Mikhaylovna; PUSTOVOYT, S.A., red.; GUR'YANOV, V.P., tekhn. red.

[History of the "Krasnyi Bogatyr'" Plant, 1887-1925] Istoriia zavoda "Krasnyi Bogatyr'" (1887-1925 gg.). [Moskva] Izd-vo Mosk. univ., 1958. 225 p. (MIRA 11:7)
(Moscow--Chemical plants)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PANFILOVA, A.P.; DOTSENKO, P.S.; POZDNOVA, Ye.N.

Compond immunization as a method of selecting horses for the production of antitoxic serums. Trudy Irk. NIIEM no. 6:85-89 '61. (MIRA 17:7)

1. Iz proizvodstvennogo otdela Irkutskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

PARFILOVA, A.P.

Comparative evaluation of aerosol-subcutaneous and subcutaneous-aerosol methods of immunization with diphtheria anatoxin. Trudy Irk. NIIEM no. 7:255-260 '62 (MIRA 19:1)

1. Iz proizvodstvennogo otdela Irkutskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

VALUYEVA, V.N.; PANFILOVA, A.P.

Relation of the titer of a dry dysenteric bacteriophage to the different conditions of its preservation; author's abstract. Trudy Irk. NIIEM no. 6:141-142 '61. (MIRA 17:7)

1. Iz proizvodstvennogo otdela Irkutskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii.

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BUDANOV, V.V.; PANFILOVA, E.I.

Kinetics of the oxidation of indigo carmine with bromates in the presence of vanadium (V). Izv.vys.ucheb.zav.; khim. i khim.tekh. 8 no.2:208-213 '65. (MIRA 18:8)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra fizicheskoy i kolloidnoy khimii.

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C 4

Ramsayite twin from the Chibina Tundra. E. S. Pan-
filova. *Doklady Akad. Nauk S.S.S.R.* 50, 443–4 (1945).
Ramsayite was found in a pegmatite vein of the Yuks-
pusk occurrence of lovchorrite, intimately intergrown
with K-Na feldspar and aegirite. The inner parts of the
vein contained albite, lopsarite, and ramsayite (Na_2Ti_2
Si_2O_9). The excellent twin crystals are dark-brown, of
bipyramidal form. The twinning plane is (085), with an
angle of 88° 22 min. of the c-axes of the twin individuals,
similar to the cruciform twins of staurolite. W. E.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

SMIRNOVA, A.V.; FAYVILEVICH, G.A.; PANFILOVA, E.V.

Using methods of electron microscopy and color metallography to investigate the structure of chromium-nickel-molybdenum steel. Sbor. trud. TSNIICHM no.24:246-253 '62. (MIRA 15:6)
(Chromium-nickel steel--Metallography) (Electron microscopy)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

SMIRNOVA, A.V.; FAYVILEVICH, G.A.; PANFILOVA, E.V.

Combined application of electron microscopy, color and magnetic metallography to the study of the structure of complex alloy steels. Zav.lab. 28 no.7:817-818 '62 (MIRA 15:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. I.P.Bardina.

(Steel alloys)

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PANFILOVA, E.V.

B-5

USSR/General Biology - Genetics

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4887

Author : Panfilova, E.V., Moiseeva, I.G.

Inst : Not Given

Title : Experiments on Blood Transfusion in Animals

Orig Pub : Biol. v shkole, 1957, No 1, 79-83

Abstract : A brief report of studies by P.M. Sopikov, N.I. Novikov, K.V. Vatti, K. Bratanov, A.M. Gromov and P.I. Feoktistov and Kh. F. Kushner on blood transfusion in chickens, ducks, and turkeys, with a view toward their vegetative hybridization.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

S/032/62/028/007/002/011
B104/B102

AUTHORS: Smirnova, A. V., Fayvilevich, G. A., and Panfilova, E. V.

TITLE: Combined use of electron microscopy, color metallography, and magnetic metallography for structural analyses of high-alloy steels

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 7, 1962, 817 - 818

TEXT: Valve steel (0.42% C, 0.48% Si, 1.1% Mn, 20.57% Cr, 4.74% Ni, 2.43% Mo) hardened at 1000, 1050, and 1125°C and subsequently aged at 800°C for 10 hrs was subjected to phase analysis by electron microscopy, color metallography, and magnetic metallography. Phase analysis could not be carried out with an optical microscope. Magnetometallographic examination revealed a magnetic (δ-ferrite) phase and a non-magnetic (austenite) phase. Electron diffraction studies showed that the carbides established by etching with ferrocyanide had the composition $Me_{23}C_6$ with a lattice parameter a = 10.5 Å. The electron microscope revealed particles with a size of 0.1μ at the grain boundaries of the hardened

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ALEKSANDROV, N.N.; KOVALENKO, V.G.; PANFILOVA, G.A.

Comparison of the results of observations of atmospheric precipitation by means of various collectors. Trudy GGO no.158:95-101 '64. (MIRA 17:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012390

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

ONIKUL, R.I.; PANFILOVA, G.A.; RIKHTER, B.V.; GIL'DENSKIOL'D, R.S.

Results of the analysis of experimental data characterizing the distribution of atmospheric pollution near thermal electric power stations. Trudy GGO no.172:23-34 '65.

(MIRA 18:8)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

L 2666-66 EWT(l)/EWT(m)/FCC/EWA(h) GS/GW

ACCESSION NR: AT5023962 UR/0000/65/000/000/0473/0480

AUTHOR: Aleksandrov, N. N.; Goroshko, B. B.; Kovalenko, V. G.; Panfilova, G. A.

TITLE: Effect of meteorological conditions on the effectiveness of radioactive pollutant collection

SOURCE: Nauchnaya konferentsiya po yadernoy meteorologii. Obninsk, 1964. Radioaktivnyye izotopy v atmosfere i ikh ispol'zovaniye v meteorologii (Radioactive isotopes in the atmosphere and their use in meteorology); doklady konferentsii. Moscow, Atomizdat, 1965, 473-480

TOPIC TAGS: nuclear meteorology, micrometeorology, radioactive fallout, radioactive pollution

ABSTRACT: Results are presented for comparative tests carried out to determine the effectiveness of 3 types of fallout collectors and for experiments conducted to determine the coefficient of air passing over a vertical sheet [panel]. The collectors were plain gauze-covered sheets, framed, sectional, steel sheets painted with nitrocellulose enamel, or glycerine-coated aluminum vessels. The effectiveness of

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SHULUTKO, M.L.; PANFILOVA, O.A.

Resection of the lung in patients with primary tuberculosis.
Probl.tub. 38 no.1:79-85 '60. (MIRA 13:10)
(LUNGS--SURGERY)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

NIKOL'SKIY, B.P.; TROFIMOV, A.M.; PANFILOVA, G.G.

Adsorption of zirconium and niobium by silica gel. Radiokhimiia 1 no.3:283-289 '59. (MIRA 12:10)
(Zirconium) (Niobium) (Silica)

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