"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

YEVSTIGNEYEV, V.B.; GAVRILOVA, V.A.; SAVKINA, I.G.

Mechanism of the photosensitizing effect of chlorophyll. Dokl. AN SSSR 151 no.1:227-230 Jl '63. (MIRA 16:9)

1. Institut biokhimii im. A.N.Bakha AN SSSR. Predstavleno akademikom A.N.Tereninym.

(Chlorophyll—Spectra)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

YEVSTIGNEYEV, V.B.; SAVKINA, I.G.

Mechanism of the photosensibilizing action of chlorophyll and phthalocyanine under heterogeneous conditions. Biofizika 8 no.2:181-190 '63. (MIRA 17:10)

1. Institut biokhimii im. A.N. Bakha AN SSSR, Moskva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 32470-65 EWG(j)/EWT(1)/EWG(r)/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5 DD

ACCESSION NR: AP4047827 S/0218/64/029/005/0975/0982

AUTHOR: Savkina, I. G.; Yevstigneyev, V. B.

TITLE: Photochemical properties of chlorophyll water soluble analogs

SOURCE: Biokhimiya, v. 29, no. 5, 1964, 975-982

TOPIC TAGS: chlorophyll, water soluble derivative, photochemical reaction, bound state, free state, photosensitization, pH, oxidation reduction reaction

ABSTRACT: The present study investigated the photosensitizing effect of water soluble analogs of chlorophyll in bound and free states on the interaction of several types of electron donors (ascorbic acid, pyrocatechin, and hydrochloric phenylhydrazine) and electron acceptors (methyl red) in water solutions with different pH values. Photochemical reactions were staged in vacuum vessels in the presence of a 300 wat light source with a KS-10 light filter. Preparation of the chlorophyll water soluble analogs and buffer solutions is described in an earlier work. Methyl red was introduced into the reacting mixture in the form of a concentrated solution, and changes in its

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L 32470-65
ACCESSION NR: AP4047827

concentration during photoreaction were determined by absorption changes. Reaction rates were compared by the time required to discolor 50% of the methyl red. In testing bound chlorophyll water soluble derivatives, water nonsoluble polymers and the water soluble polymer polyvinylpyrrolidone were used; absorption and fluorescence spectra of the latter were measured in addition to sensitization. Findings show that the capacity of chlorophyll water soluble analogs to reduce by photosensitization the methyl red with ascorbic acid depends largely on the pH of the medium. Photosensitization is high in an acid medium, decreases rapidly in a slightly alkaline medium, and increases again in a highly alkaline medium. The sensitization mechanism appears to be based on the capacity of the sensitizing pigment to be oxidized or to be reduced depending on medium conditions in the primary photochemical action. Chlorophyll water soluble derivatives bound with polyvinylpyrrolidone form solutions whose absorption and fluorescence shift in the long wave direction. Chlorophyll water soluble derivatives in a bound state have a significantly stronger photosensitizing effect on oxidation-reduction reactions than those in a free state. Orig. art. has: 2 tables and 3 figures.

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 32470-65
ACCESSION NR: AP4047827

ASSOCIATION: Institut biokhimii im. A. N. Bakha Akademii Nauk SSSR, Moscow (Institute of Biochemistry of the Academy of Sciences SSSR)

SUBMITTED: 18Feb64 ENCL: 00 SUB CODE: LS

NR REF SOV: 010 OTHER: 010

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, I.G.; YEVSTIGNEYEV, V.D.; CHUBAR, V.F.

Spectral and photochemical properties of chlorophyllines and pheophorbides. Biokhimiia 30 no.5:1071-1079 S-O '65. (MIRA 18:10)

1. Institut biokhimii imeni A.N.Bakha AN SSSR, Moskva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 1623-66 EWT(1)/FS(v)-3 DD

ACCESSION NR: AP5021289 UR/0020/65/163/005/1270/1273

AUTHOR: Yevstigneyev, V. B.; Savkina, I. G.; Terenin, A. N.

TITLE: Study of the interaction of a pigment of the chlorophyll type with an electron acceptor under heterogeneous conditions using photopotential measurements

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1270-1273

TOPIC TAGS: chlorophyll, pigment, phthalocyanine, methyl red, redox reaction, photosensitivity, electron donor, electron acceptor, electrochemistry

ABSTRACT: Based on the authors' earlier work showing that methyl red will accept an electron from photosensitized chlorophyll or phthalocyanine films only in an acid medium, the mechanism of the sensitizing effect of chlrophyll and its analogs on the photoeduction of methyl red was further investigated. The effect of a methyl red solution at varying concentrations and varying pH on the formation of a positive photopotential in magnesium phthalocyanine film was studied. The latter pigment was selected as a chlorophyll model because its films are

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 1623-66

ACCESSION NR: AP5021289

more solid and give a higher potential. The electrolyte was 0.1, or 1.5 M KCl. Tabulated figures show the potential obtained between pH 0 and 10 in the absence of oxygen (air evacuation). At pH 5 - 5.5 this effect decreased steeply, and at pH 10 it was zero. In an acid medium the effect of methyl red increased with its concentration; at 10^{-4}-10^{-3} mol/lt the methyl red completely replaced the oxygen as the electron acceptor, and at higher concentrations its acceptor effect was even higher. It also increased upon air evacuation. Addition of a reducing agent such as ascorbic acid depressed the acceptor capacity of methyl red. It was concluded that the degree of acceptor-donor interaction between methyl red and light irradiated pigment iilm may be varied by varying the pH, and may then be used for determining redox reactions. Such reactions involving other electron acceptors will be discussed in another paper. Orig. art. has: 1 table and 2 figures

ASSOCIATION: Institut biokhimii im. A. N. Bakha AN SSSR (Institute of Biochemistry, AN SSSR)

SUBMITTED: 03Nov64 ENCL: 00 SUB CODE: GC

NR REF SOV: 011 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 41188-65 RM

ACCESSION NR: AP5004956 S/0286/65/000/002/0059/0060

5
B

AUTHORS: Plisko, A. P.; Savkina, L. I.

TITLE: A device for hermetically sealing hollow objects. Class 42, No. 167658

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 2, 1965, 59-60

TOPIC TAGS: sealing

ABSTRACT: This Author Certificate presents a device for hermetically sealing hollow objects such as tubes (see Fig. 1 on the Enclosure). The device includes a clamping apparatus with an end cap which may be drawn into the end of the object by means of a screw. To assure the hermetic sealing of an object of any diameter, the device is provided with detachable inserts, the inner surface of which conforms to the configuration of the object being sealed. The outer surface of the detachable inserts has the shape of a truncated cone. The sealing apparatus represents a clamp with a closed collar end. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 23Sep63 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 13800-65 EWT(m)/EWP(w)/EPF(n)-2/EWA(d)/EWP(t)/EWP(k)/EWP(b) Pf-4/Pu-4
ASD(m)-3 JD/HW/JG/MLK

ACCESSION NR: AT4046833 S/0000/64/000/000/0147/0149

AUTHOR: Kontorovich, I. Ye.; Savkina, L. Ya.; Estulin, G. V.

TITLE: Effect of titanium and molybdenum on the recrystallization and strengthening of niobium alloys

SOURCE: AN SSSR. Nauchny*y sovet po probleme zharoprochny*kh splavov. Issledovaniya staley i splavov (Studies on steels and alloys). Moscow, Izd-vo Nauka, 1964, 147-149

TOPIC TAGS: niobium alloy, niobium titanium alloy, niobium molybdenum alloy, alloy recrystallization temperature, alloy hot hardness, alloy tensile strength

ABSTRACT: The effect of individual alloying with 2, 5, or 10% Ti, or with 5, 7, or 10% Mo, on the recrystallization temperature and mechanical properties of niobium alloys has been investigated. Niobium, Nb-Ti- and Nb-Mo-alloy ingots were vacuum-arc melted, forged at 1500—1550C into bars 30 mm in diameter, vacuum-annealed for 1 hr at 1400C and 1600C for Nb-Ti and Nb-Mo alloys, respectively, and then cold-forged with a 70% reduction into bars 15 mm in diameter. The temperature at

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 13800-65

ACCESSION NR: AT4046833

the beginning of recrystallization was determined by measuring the hardness of the alloys annealed at 800—1600C for 1 hr in a vacuum of $5 \cdot 10^{-5}$ mm Hg. The most marked softening was observed in Nb-Ti alloys (2, 5, or 10% Ti) and Nb-Mo alloys (5 or 7% Mo) after annealing at 900—950 and 1150C, respectively. The hardness of the Nb-10% Mo alloy decreased gradually as the annealing temperature increased to 1400C. Microstructure analysis showed that unalloyed Nb begins to crystallize at 1050—1100C, Nb-Ti alloys with up to 10% Ti, at 1000—1100C, and Nb-Mo alloys with up to 7% Mo, at 1150—1250C. In Nb-10% Mo alloys, new recrystallized grains appeared after annealing at 1200C; at 1300C, the primary recrystallization ended and a marked grain growth began. Hot hardness and tensile tests were conducted at temperatures up to 1100C in a vacuum of $5 \cdot 10^{-4}$ mm Hg. The test results showed that the hot hardness of unalloyed Nb and Nb-Ti and Nb-Mo alloys decreases appreciably at 900—950C, although alloys with 10% Mo have a substantially higher hot hardness than Nb and Nb-Ti alloys. Alloying Nb with 2—10% Ti decreases the tensile strength of Nb alloys, whereas alloying with 2—10% Mo significantly increases it, e.g., from 20 kg/mm^2 in unalloyed Nb to 45—50 kg/mm^2 in annealed alloys with 7—10% Mo at 1000C. Orig. art. has: 3 figures.

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 13800-65

ACCESSION NR: AT4046833

ASSOCIATION: none

SUBMITTED: 16Jun64 ENCL: 00 SUB CODE: MM

NO REF SOV: 002 OTHER: 001 ATD PRESS: 3132

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 45374-65 EWP(z)/EWT(m)/EWP(b)/T/EWA(d)/EWP(w)/EWP(t) Pad IJP(c) MJW/JD/HW

ACCESSION NR: AP5007006 S/0129/65/000/003/0041/0044

34
32
B

AUTHOR: Gulyayev, A. P.; Fel'dgandler, E. G.; Savkina, L. Ya.

TITLE: Embrittlement of ferritic-austenitic and ferritic stainless steels

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1965, 41-44

TOPIC TAGS: phase analysis, metal physical property, brittleness, austenite

ABSTRACT: The authors studied the influence of various factors on the embrittlement kinetics of steels with 21% Cr containing 0, 2, 4, and 6% nickel: 00Kh21 [0.04% C, no titanium]; 00Kh21T [0.04% C, Ti = 5 × (% C)]; 1Kh21 [0.1% C, no titanium]; 1Kh21T [0.1% C, Ti = 5 × (% C)]. Pseudobinary phase diagrams were plotted for the alloys Fe-Cr(21%)-Ni and Fe-Cr(21%)-Ni-Ti on the basis of a study of the phase composition. Using these diagrams, the authors adopted two hardening temperatures producing ferritic and ferritic-austenitic states respectively, and the tendency toward embrittlement was studied in these two states. The influence of temperature and tempering time on the impact strength and magnetic saturation of the steels was investigated. The embrittlement kinetics of the steels showed that in the embrittlement process: (a) ordering takes place at 450-500°C which disappears at 550°C and above,

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L 45374-65

ACCESSION NR: AP5007006

2

and (b) separation occurs at higher temperatures (above 500-550°C). These processes develop in the ferritic phase. In the two-phase steels, the development of brittle failure may be promoted also by the martensite transformation during the cooling of austenite depleted of alloying elements when any phases are separated during tempering. The $\alpha \rightarrow \gamma$ transition observed for long soaking periods during tempering may also affect the impace strength. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: TsNIIChermet

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 04191-67 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AT6026543 SOURCE CODE: UR/2776/66/000/046/0005/0012

52
51
B+1

AUTHOR: Babakov, A. A.; Fel'dgandler, E. G.; Kareva, Ye. N.; Savkina, L. Ya.

ORG: Central Scientific Research Institute of Ferrous Metallurgy, Moscow (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

TITLE: Mechanical and corrosion properties of the new two-phase Okh21N6B stainless steel

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 46, 1966. Spetsial'nyye stali i splavy (Special steels and alloys), 5-12

TOPIC TAGS: stainless steel, titanium, columbium, magnetization, mechanical property, corrosion resistance, metallographic examination / OKh21N5 steel, OKh21N6B steel

ABSTRACT: A study was done on the effects of columbium additions on the ferritic--austenitic structure of OKh21N5 steels, to which titanium is normally added. Two laboratory heats of OKh21N6B steel were made with Nb contents of 0.44 and 0.73%. Mechanical and magnetic properties were given as functions of quenching temperature which ranged from 1000 to 1300°C. For both alloys the fracture strength decreased monotonically with temperature while 0.2% yield strength, elongation and impact strength changed slightly. Magnetization saturation increased with rise in quench temperature due to an increase in the amount of ferrite phase, as confirmed by metallo-

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

ACC NR: AT6026543

graphy. Changes in these mechanical properties and magnetic saturation were given as functions of tempering temperature after quenching from 1000°C. After tempering in the interval 450-700°C for 1, 10 and 100 hrs little change in fracture strength resulted although other properties were affected; the 0.2% yield strength increased with tempering temperature, while elongation and impact strength decreased. The magnetic saturation increased from 4000 to 11000 gauss during tempering to 700°C. All these properties were not greatly affected by the Nb content. Microstructures showed that after quenching the steel had a ferritic-austenitic structure with dispersed carbides. Independent of time, tempering to 600°C did not change this structure, however, in the range 650-700°C (10 to 100 hrs) austenite nodules formed within ferrite grains and martensite platelets formed in the austenite. The number of twists to fracture, given as a function of testing temperature, increased from 4 to 1000°C to 20 at 1250°C. OKh21N6B and OKh21N5T steels behaved similarly in corrosion tests conducted in boiling 30, 50 and 65% HNO_3. However, welded samples of OKh21N6B were 3 times as stable in 65% HNO_3. Welded and unwelded samples of OKh21N6B did not exhibit intercrystalline corrosion tendencies after quenching from 1000 and 1200°C. Orig. art. has: 5 figures, 2 tables.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 001

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

L 04190-67 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD
ACC NR: AT6026544 SOURCE CODE: UR/2776/66/000/046/0013/0019

67
64
B+1

AUTHOR: Fel'dgandler, E. G.; Kareva, Ye. N.; Savkina, L. Ya.

ORG: Central Scientific Research Institute of Ferrous Metallurgy, Moscow (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

TITLE: Some characteristic changes in the structure and properties of the two-phase steels Kh21N5T and OKh21N6M2T after tempering

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 46, 1966. Spetsial'nyye stali i splavy (Special steels and alloys), 13-19

TOPIC TAGS: stainless steel, ferrite, austenite, temperature dependence, impact strength, saturation magnetization, microhardness, metallographic examination, phase analysis / Kh21N5T steel, OKh21N6M2T steel

ABSTRACT: The solid solution stability of the two-phase Cr-Ni stainless steels Kh21N5T and OKh21N6M2T during tempering was studied. Three heats of Kh21N5T and two of OKh21N6M2T with $Cr_{equivalent}/Ni_{equivalent}$ ranging from 2.86 to 3.61 were prepared. Changes in impact strength and saturation magnetization were given for water quenched samples after 30 min at either 1000 or 1250°C and after subsequent tempering in the 450-700°C range for 1, 10, 50 and 100 hrs. The greater the amount of carbon uncom-

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ACC NR: AT6026544

3

bined with Ti the larger were the brittle regions shown on tempering temperature-time diagrams. Except for the lower C level of 0.04% C, both high and low temperature brittle regions were observed in samples quenched from 1000°C. For samples quenched from 1250°C and tempered in the range 450-550°C only a single low temperature brittle region occurred. Microhardnesses of the ferritic and austenitic phases in tempered samples were given as a function of tempering time. Only ferrite increased in hardness under these conditions due to a decomposition of the ferritic solid solution; the kinetics were similar to a decomposition process and the curves exhibited maxima, which indicated a coagulation of the hardening phase. The saturation magnetization given for these conditions showed two temperature regions of instability corresponding to the brittle regions mapped out by impact tests. The drop in saturation magnetization at the lower temperature range was caused by the formation of a nonmagnetic phase in ferrite, while the instability at higher temperatures was caused by the transformation of austenite into martensite. At higher tempering temperatures, the ferrite boundaries thickened and austenitic nodules formed within the ferrite. The brittleness at low tempering temperatures was not a function of alloying and was characteristic of all grades of Kh21N5T and OKh21N6M2T steel. However, above 600°C, brittleness was a function of alloying; in Kh21N5T steels it was caused by carbide formation. In OKh21N6M2T it resulted from σ-phase formation. Orig. art. has: 4 figures, 1 table.

SUB CODE: 11/ SUBM DATE: none

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

AVILOV, A.A., kand. tekhn. nauk; SAVKINA, N.V., starshiy tekhnik

New method for determining the permeability to moisture of materials for shoe uppers and lining. Nauch.-issl. trudy VNIIPIK no.14:56-69 '63. (MIRA 18:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, V.S.

Activity of the Stomatological Polyclinic of Lenin District in 1963. Vop. obshchei stom. 17:119-121 '64. (MIRA 18:11)

1. Glavnyy vrach Stomatologicheskoy polikliniki Leninskogo rayona, Kazan'.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, V.V.

Mineral waters of Moscow Province. Uch.zap. MOPI 97:47-84 '61. (MIRA 15:3)

(Moscow Province—Mineral waters)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

NIKSHICH, I.I., prof.; SAVKINA, V.V.

Moscow mineral water. Uch.zap. MOPI 97:85-92 '61. (MIRA 15:3)
(Mowcow Province--Mineral waters)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, V.V.

Mineral waters in Kaluga Province. Biul. MOIP Otd. geol. 37 no.6:147-148 N-D '62. (MIRA 16:8)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

J

COUNTRY : USSR
CATEGORY : Soil Science. Soil Biology.

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15348

AUTHOR : Savkina, Ye.A.
INST. : Moscow Acad. of Agric. Sciences im. K.A. Timiryazev
TITLE : Outstanding Forms of Bacteria of the Corn Rhizosphere.

ORIG. PUB. : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, 1957, vyp. 29, 123-128

ABSTRACT : In 4 times in the vegetative period the total number of microorganisms was determined, and the basic types of bacteria of the corn rhizosphere were isolated from root washings and from suspensions of the ground roots. The largest number of bacteria on 1 g of root was observed in the flowering period. At all times of the analysis the number of bacteria was higher under conditions of complete mineral fertilization. The species composition of bacteria was

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA. Ye. A. Cand Biol Sci -- (diss) "The rhizospheric bacteria of corn, and their physiological peculiarities, and the interrelationship with plants and azotobacters." Mos, 1958. 19 pp (Mos Order of Lenin Agr Acad im K. A. Timiryazev), 110 copies (KL, 13-58, 95)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

FEDOROV, M.V.; SAVKINA, Ye.A.

Relationship between Azotobacter and typical rhizosphere bacteria of corn. Mikrobiologiia 29 no.6:862-867 N-D '60. (MIRA 14:1)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.
(AZOTOBACTER) (RHIZOSPHERE MICROBIOLOGY)
(CORN (MAIZE))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVYTNA, Z. P.

Windbreaks, Shelterbelts, Etc.

Improving northern alluvial meadows by shrub windbreaks; Korm. baza 2 No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, UNCL.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, Z.P.; MESHKOVA, T.P.

An experiment in shelterbelt planting and its influence on microclimate in the forest tundra. Rast.Krain.Sev.SSSR i ee osv. no.1:81-92 '56. (MLRA 10:2)

1. Nauchno-issledovatel'skiy institut polyarnogo zemledeliya, zhivotnovodstva i promyslovogo khozyaystva.
(Russia, Northern--Windbreaks, shelterbelts, etc.)
(Forest influences)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

ANDREYEV, V.N. and SAVKINA, Z.P.

"Reindeer Pastures and Meadows of the Far North of the USSR and Some Problems of their Improvement and Utilization."

Scientific Research Institute for Agriculture of the Far North, Leningrad.
report to be presented at the 8th Intl Grassland Congress, Reading, England, 11-21 Jul '60.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKINA, Z.P.

Practices in the use of herbicides for improving meadows in the lower reaches of the Pechora and Yenisey Rivers. Probl. Sev. no.7:145-153 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

[illegible]

[illegible]ity of the fibrinolytic blood system in the postoperative period. Gematol. i perel. krovi 10:231-234 '65. (MIRA 18:10)

1. [illegible]vskiy institut perelivaniya krovi.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

PETROV, D.G.; SAVKIV, B.T.

Anticoagulant effect following infusions of the protein blood substitute BK-8. Probl. gemat. i perel. krovi 10 no.2:44-48 F '64. (MIRA 19:1)

1. Gematologicheskaya klinika (zav. - dotsent S.M. Martynov) L'vovskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - dotsent D.G. Petrov).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKO, D.P., BRAMNIK, D.B., KHELEMSKIY, M.Z. FLEYSHMAN, L. YE.

Efficiency, Industrial

Utilization of intra-industry potentialities, Sakh. prom. 26 No. 6 (1952)

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKO, L. I. (Engr.) and KUDRYAVTSEV, I. V. (Cand Tech Sci)

"Effect of Surface Hardening by High-Frequency Current and Subsequent Rolling on the Fatigue Strength of Steel," pp 94-101 of the Book "Studies on the Strength of Steel", Mashgiz, 1951.

Translation W-23621, 21 Aug 1952.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVIC, K., inzhener.

Machinery and equipment in the cement plants of Belgium. Stroi. mat. 3 no.4:36-37 Ap '57. (MIRA 10:6)
(Belgium--Cement industries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

GODINA, D.A.; SAVKO, S.S.; FAYERMAN, G.P.

Polarization and its use in stereoscopic printing and projection. Zhur. nauch. i prikl. fot. i kin. 3 no.1:47-50 Ja-F '58. (MIRA 11:2)

1.Gosudarstvennyy opticheskiy institut im. S.I. Vavilova. (Photography, Stereoscopic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKO, S.S.

Investigating the relief image on the matrix film. Usp. nauch. fot. 8:97-105 '62. (MIRA 17:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKO, V.I., kandidat meditsinskikh nauk (Odessa); SHEYNBERG, A.V., kandidat meditsinskikh nauk (Odessa)

Hollow phantom of the uterus. Fel'd. i akush. 21 no.8:56-58 Ag '56. (MLRA 9:10)
(VISUAL INSTRUCTION)
(OBSTETRICS--STUDY AND TEACHING)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKO, V.I., kandidat meditsinskikh nauk (Odessa); SHEYNBERG, A.B., kandidat meditsinskikh nauk (Odessa)

"Textbook in gynecology" by A.I. Serebrov. Reviewed by V.I. Savko, A.B. Sheinberg. Fel'd. i akush. 22 no.3:61-63 Mr '57 (MLRA 10:5)

(GYNECOLOGY--STUDY AND TEACHING) (SEREBROV, A.I.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

25(2) SOV/66-59-5-4/35

AUTHORS: Chaykovskiy, V., Candidate of Technical Sciences, Shmyglya, A., Engineer, Savkov, K., Engineer

TITLE: Comparative Tests of Valves of Various Designs

PERIODICAL: Kholodil'naya tekhnika, 1959, Nr 5, pp 17-21 (USSR)

ABSTRACT: In order to evaluate the serviceableness of valves of various makes and designs, as used in Freon machines, a series of comparative tests have been conducted in the laboratory of the Odessa Refrigeration Machine Building Plant im.Stalin. The valves were divided in 4 groups: The 1st and 2nd groups comprised various types of the suction and discharge valves. The 3rd group contained valves manufactured by the Austrian firm Hörbiger and the 4th group valves designed by Engineer A. Shmyglya. The characteristics of the 4 types of valves are shown in Table 1. The tests were conducted with compressor 2FV-10 at certain fixed initial and final temperatures, -15°C and 30°C. A timing device recorded the time necessary for bringing the pressure in the receiver from 0 to 5 atmospheres. The best time - 22.5 seconds - was made by group 4 valves. Table 2 shows the results of comparative tests obtained by the 4 groups at temperatures indicated. The highest volumetric and energy coefficients of the compressor 2FV-10 were obtained with valves

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SOV/66-59-5-4/35

Comparative Tests of Valves of Various Designs

of group 4 with reduced dead space. The discharge coefficient of the Freon compressor falls sharply with the increase of dead space starting from 3.5% for example. The reduction of dead space in Freon compressors of average output to below 2% holds practically no advantage. There are 4 photos, 2 tables and 1 graph.

ASSOCIATION: Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti (Odessa Technological Institute of the Food and Refrigeration Industries) (Chaykovskiy, V.), Odesskiy zavod kholodil'nogo mashinostroyeniya imeni Stalina (Odessa Refrigeration Machine Building Plant im. Stalin) (Shmyglya, A. and Savkov, K.)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, K., inzh.

Oil separator with a rectifier. Khol.tekh. 37 no.1:49-51 Ja-F '60. (MIRA 13:5)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, K.I., inzh.; CHAYKOVSKIY, V.F., kand. tekhn. nauk

Determining the angular velocity of the shaft of refrigerator compressors. Khol. tekh. i tekh. no.1:43-47 '65. (MIRA 18:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, K.I., inzh.

Increasing the operative efficiency of a piston compressor by means of pressure equalization in the cylinders. Khol.tekh. 41 no.1:11-16 Ja-F '64. (MIRA 17:3)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

KODENTSOV, A.Ya., gornyy inzh.; SAVKOV, K.V., gornyy inzh.

Making development workings in hydraulic mines. Ugol' 39 no.9:33-37 S '64. (MIRA 17:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut gidrodobychi uglya. (for Kodentsov). 2. Trest Gidrougol' (for Savkov).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, L.V.

Using mathematical statistic methods in investigating rock fracturing. Vop. gor. davl. no.18:54-63 '63. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy institut tsvetnykh metallov.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

KIRSANOVA, M.K., kand. tekhn. nauk; MIKHANOVSKIY, D.S., inzh.; MONFRED, Yu.B., kand. tekhn. nauk; KREINDLIN, A.N.; SAVKOV, V. BEYUL, O.A., inzh.; ZHUCHKOV, N.

[Means for increasing the capacity of plants prefabricating elements for I-464A series houses] Puti povysheniia proizvodstvennoi moshchnosti zavodov, vypuskaiushchikh doma seriia I-464A. Moskva, Gosstroiizdat, 1962. 26 p. (MIRA 17:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut industrial'nykh zhilykh i massovykh kul'turno-bytovykh zdaniy. 2. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut industrial'nykh, zhilykh i massovykh kul'turno-bytovykh zdaniy Akadeimii stroitel'stva i arkhitektury SSSR (for Kirsanova, Mikhanovskiy, Monfred). 3. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Beyul, Kreindlin, Savkov, Zhuchkov).

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S/123/60/000/008/004/017
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Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1960, No. 8, p. 63, # 37744

AUTHORS: Tyuvakin, P.I., Savkov, V.M.

TITLE: Gang-Machining of Components

PERIODICAL: Prom.-ekon.byul.Penzensk. sovnarkhoz, 1958, Nos. 5-6, pp. 44-51

TEXT: The authors give a report on the practice of Leningrad plants, where after the introduction of gang-operation methods the labor productivity on turret lathes increased by 40-50%, on lathes by 20-30% and on milling machines by 25-30%. Average savings per year for each machine tool amounted to 15,000 rubles. Thus at the zavod im. Kozitskogo (Plant im. Kozitskiy) 900 items were combined in 35 structural technological groups. At the optiko-mekhanicheskiy zavod (Optical-Mechanical Plant) nearly 1,000 components are machined in 65 gang fixtures. By the end of 1959, the method of gang machining of components will be introduced in 42 Leningrad enterprises. It is planned to extend this method also to the stamping of components. The gang-machining method should be applied if the lot of components to be manufactured of every group ensures at least one month's

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Gang-Machining of Components

work for every machine tool. In individual cases also a 10-15 days load of the machine tool would be economically justified. The preparation for gang-machining consists of the following stages: the compiling of a classification which unites all components according to shape and nature of tooling, and the selection of a "complex" component for the gang; the development of a standard technological process for the "complex" components of a gang; designing of gang jigs, modernization and specialization of equipment. The authors present methods for the calculation of equipment loads and final correction of the technological process. They recommend the following structure of the manufacturing selection: 4-7 working crews with 10-15 workers each, headed by an instructor and crew-foreman, 5 inspectors and 2 distributors, two-shift operation, 2 shift-masters and 1 supervisor. Each machine tool should be fitted with a set of technological equipment which is kept in a locker near the machine tool. It is recommended to simplify the ganging of components which, in some plants, amount to tens of thousands of items and to use a decimal numbering of drawings, which would make it possible to group components and assembling according to classes, groups, subgroups and kinds. There is 1 photo.

Translator's note: This is the full translation of the original Russian abstract.

B.I.M.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

KREYNDLIN, A.N., inzh.; BEYUL. O.A., inzh.; YAKOBSON, Ya.M., inzh.; SAVKOV, V.P., inzh.; TATARINOV, A.S., inzh.

Let's have progressive technology for factories which produce reinforced concrete products for industrial construction. Prom. stroi. 39 no.3:16-20 '61. (MIRA 14:4)

1. Industroyproyekt Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR.
(Precast concrete)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, V. S.

USSR/Engineering
Mines and Mining - Equipment
Drilling Machinery

Sep 1947

"Methods of Determining an Efficient Method of Mining with Chain Drilling Machinery," V. S. Savkov, Candidate in Technical Sciences, 4½ pp

"Ugol'" No 9 (258)

Mathematical discussion on the determination of the most efficient use of chain drilling machinery. Presents mathematical formulae and graphs showing the results of theoretical operation of such machinery. Author states that at the present time it is most necessary to determine a coefficient for cutting

24T47

USSR/Engineering (Contd) Sep 1947

of coal, and on the basis of this coefficient to choose the proper methods for the operation of this chain drilling machinery. This will result in much more efficient exploitation of the operation of such machinery.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, V.S., kandidat tekhnicheskikh nauk.

Method for deterimining the reduction gear ratio of planetary transmissions. Vest.mash.27 no.3:22-24 '47. (MLRA 9:4)
(Gearing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOV, Ye.

Fire extinction headquarters. Pozh.delo 3 no.12:11-12 D '57. (MIRA 10:12)

1.Nachal'nik Upravleniya pozharnoy okhrany Sverdlovskoy oblasti.
(Fire extinction)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

S[illegible]V, Yevgeniy Ivanovich

Issledovanie modulia uprogosti drovesiny sosny Untersuchung des Elastizitatsmoduls des Kieferholzes Moskva, 1931. (SSSR. TSentral'nyi aero-gidrodinamicheskii institut, vyp 107)

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PHASE I BOOK EXPLOITATION 868

Andreyev, N.V., Kalyuzhnyy, V.G., Konstantinov, A.S., Livshits, M.P., Manzhos, F.M., Savkov, Ye.I.; Uspasskiy, P.P., Feygina, A.Ya., Chebotarevskiy, V.V., Sheydeman, I.Yu.

Nemetallicheskiye materialy, ikh obrabotka i primeneniye (Nonmetallic Materials, Their Processing and Use) Moscow, Oborongiz, 1949. 535 p. 6,000 copies printed.

Ed. (title page): Kalyuzhnyy, V.G.; Ed. (inside book): Ponomareva, K.A.; Tech. Ed.: Zudakin, I.M.

PURPOSE: This book is intended for students of aviation institutes and other institutes and it may also be useful to engineering technicians dealing with nonmetal materials.

COVERAGE: The book consists of two parts and deals with various nonmetallic materials used in the aircraft industry. The first

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part discusses wooden materials and the second part presents basic information on plastics, adhesives, textiles, paper and rubber. The basic mechanical and chemical properties of nonmetallic materials, their engineering requirements and methods of processing them are presented. The book was written by personnel of the Moscow Aircraft Institute imeni Sergo Ordzhonikidze, the Moscow Aircraft Engineering Institute, the All-Union Scientific Research Institute for Aircraft Materials and other organizations. Chapters I, II, V, and VI were written by Ye. I. Savkov, chapter III by Candidate of Technical Sciences F.M. Manzhos, chapter IV by Candidate of Technical Sciences V.G. Kolyuzhnyy, chapters VII and VIII by Candidate of Technical Sciences A.Ya. Feygina, chapters IX and XI by Professor P.P. Uspasskiy, chapter X by Candidate of Technical Sciences N.V. Andreyev, chapter XII by Candidate of Technical Sciences I.Yu. Sheydeman, and N.V. Andreyev, chapter XIII by Candidate of Technical Sciences I.Yu. Sheydeman, and Engineer A.S. Konstantinov, chapter XIV by Candidate of Technical Sciences V.V. Chebotarevskiy, and I.V. Andreyev, chapter XV by Candidate of Technical Sciences

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V.V. Chebotarevskiy, and chapter XVI by Engineer M.P. Livshits and Candidate of Technical Sciences N.V. Andreyev. The authors thank Professor A.V. Shepelyavyy, Professor, Doctor of Chemical Sciences I.P. Losev, Engineers A.A. Babichev, V.S. Bondarev for their assistance in supplying data and reviewing the book, and they also thank Engineer V.P. Leont'yev for his assistance in preparing chapter X, Paper Materials. There are 60 Soviet references.

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PART II. PLASTIC, ADHESIVE, PAPER, TEXTILE, VARNISH, AND RUBBER MATERIALS, THEIR PROCESSING AND APPLICATIONS

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

LEONT'YEV, Nikifor Leont'yevich, prof., doktor sel'khoz. nauk; SAVKOV, Ye.I., red.; LEBEDEVA, I., red. izd-va; PARAKHINA, N.L., tekhn. red.

[Technique of statistical calculations] Tekhnika statisticheskikh vychislenii. Moskva, Goslesbumizdat, 1961. 231 p. (MIRA 15:3)

(Mathematical statistics)

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[Strength of lumber] Prochnost' pilomaterialov. Moskva, Goslesbumizdat, 1962. 85 p. (MIRA 15:5)
(Wood--Testing) (Lumber--Grading)

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1. Nachal'nik putevoy mashinnoy stantsii No.62, stantsiya Nikitovka, Donetskoy dorogi.

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USTIMENKO, V.F., starshiy dorozhnyy master; ZYKOV, F.M., starshiy dorozhnyy master; KIREY, P.I.; IVANITSKIY, M.V.; LOBANOV, Ye.I., dorozhnyy master; GAYDAR, P.R.; SIDOROV, B.N.; SAVKOV, Ye.I.; SAFONKIN, A.N.; PETROV, A.S.; BURLAK, F.V., inzh.

Letters to the editor. Put' i put.khoz. 5 no.5:42-44 My '61. (MIRA 14:6)

1. Stantsiya Kupino, Omskoy dorogi (for Ustimenko). 2. Stantsiya Kotel'nich, Gor'kovskoy dorogi (for Zykov). 3. Stantsiya Petropavlovsk, Omskoy dorogi (for Kirey, Ivanitskiy). 4. Stantsiya Stupino, Moskovskoy dorogi (for Lobanov). 5. Zamestitel' nachal'nika distanstsii puti, st., Izyum, Donetskoy dorogi (for Gaydar). 6. Nachal'nik distantsii puti, st. Berlik, Kazakhskoy dorogi (for Sidorov). 7. Nachal'nik PMS-62, st. Nikitovka, Donetskoy dorogi (for Savkov). 8. Smennyy master shchebenochnogo kar'yera st. Chokpar, Kazakhskoy dorogi (for Safonkin). 9. Nachal'nik tekhnicheskogo otdela sluzhby puti, g. Yaroslavl' (for Petrov). 10. Distantsiya zashchitnykh lesonasazhdeniy, st. Artemovsk, Donetskoy dorogi (for Burlak).

(Railroads)

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SAVKOV, Yevgeniy Ivanovich; NIKITIN, G.V., red.; BOYKO, L.I., red.izd-va; VDOVINA, V.M., tekhn. red.

[Methods for calculating the strength of wooden boxes]Metody rascheta na prochnost' dereviannoi iashchichnoi tary. Moskva, Goslesbumizdat, 1962. 72 p. (MIRA 16:3)
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Make better use of the electric ballaster equipped with a track liner. Put' i put.khoz. 8 no.3:8-9 '64. (MIRA 17:3)

1. Nachal'nik putevoy mashinnoystantsii No.62, stantsiya Nikitovka, Donetskoy dorogi (for Savkov). 2. Glavnyy mekhanik stantsii Nikitovka, Donetskoy dorogi (for Bityutskiy).

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SAVKOV, Yevgeniy Petrovich; VASIL'YEV, Gleb Nikolayevich; REUTT, V.Ch., nauchn. red.

[High-expansion foam, an effective agent for fire extinction] Vysokokratnaia pena - effektivnoe sredstvo tusheniia pozharov. Moskva, Stroiizdat, 1965. 47 p. (MIRA 18:8)

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May 1947

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Schematic diagram and operating data

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Technological properties of lower carboniferous coals in the Western Donets Basin. Koks i khim. no.3:3-8 '60. (MIRA 13:6)

1. Trest "Ukruglegeologiya" (for Struyev, Savkova, Chugunova).
2. Ukrainskiy uglekhimicheskiy institut (for Miroshnichenko, Shtromberg, Garbar, Moiseyeva).

(Donets Basin--Coal)

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SAVCHUK, S.V.; SHPAKHLER, A.G.; STRUYEV, M.I.; SAVKOVA, V.P.

Analysis and properties of Lvov-Volyn' Basin coals. Ugol. Ukr. 4 no.4:17-18 Ap '60. (MIRA 13:8)

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The protective effect of cysteamin upon the postirradiation sterility of young rats exposed to sublethal doses of X-irradiation and somatic changes in the first generation. Bul Inst Nucl 10:107-111 Mr '60. (EEAI 10:5)

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(Aminoethanethiol) (X rays) (Sterility) (Radiobiology)

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The protective effect of AET upon survival of young rats exposed to sublethal and lethal doses of X-rays. Bul Inst Nucl 10:113-117 Mr '60. (EEAI 10:5)

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Histological analysis of testes in infant rats irradiated locally or all over the body with X rays. Bul Inst Nucl 12:145-147 O '61.

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[Pests and diseases of fruit and berry crops] Vrediteli i bolezni plodovo-iagodnykh kul'tur; spravochnik. Kiev, Izd-vo AN Ukr.SSR, 1962. 275 p. (MIRA 16:7)
(Fruit—Diseases and pests)

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[Pests and diseases of fruit and berry plants; a manual] Vreditali i bolezni plodovo-iagodnykh kul'tur; spravochnik. Kiev, Naukova dumka, 1965. 287 p. (MIRA 18:9)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVKOVSKIY, Petr Petrovich; NEVVAZHAY, V., red.

[Atlas of the pests of fruit and berry plants] Atlas vreditelei plodovykh i iagodnykh kul'tur. Kiev, Urozhai, 1965. 260 p. (MIRA 18:12)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

S/272/63/000/002/003/009
E194/E155

AUTHORS: Savkun, L.Z., and Boyarskaya, A.S.

TITLE: An automatic analyzer for determining combustibles in inert gas

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Metrologiya i izmeritel'naya tekhnika, no.2, 1963, 48, abstract 2.32.338. (Novosti neft. i gaz. tekhn. Neftepererabotka i neftekhimiya, no.6, 1962, 47-48)

TEXT: The instrument is intended for signalling the presence of high-pressure nitrogen. The measuring equipment consists of a supply unit, a pick-up panel with electrolyzer, and a second instrument. The analyzer determines the thermal effect of the catalytic reaction of combustion of the component analyzed on a platinum wire in an unbalanced bridge circuit. The instrument uses 220 V a.c. and 50 c/s through a power transformer. The pick-up panel consists of a unit containing two active arms with platinum coils (working and comparator), changeover tap, a flow meter for controlling the rate of passage of gas, a cotton-wool

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filter, and a stop-valve. The scale of the instrument is 0 - 1% combustibles; the main error is ± 5%.

[Abstractor's note: Complete translation.]

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

NEFEDOV, V.D.; NORSEYEV, Yu.V.; SAVLEVICH, Kh.; SINOTOVA, Ye.N.; TOROPOVA, M.A.; KHALKIN, V.A.

Synthesis of some heteroorganic derivatives of polyvalent astatine. Dokl.AN SSSR 144 no.4:806-809 Je '62. (MIRA 15:5)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova. Predstavleno akademikom A.N.Nesmeyanovym.
(Astatine)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

STOJAN, M.; SAVLIKOVA, J.

The effect of local heat application to the frog myocardium on the course of electrical activity and its investigation by means of a scale differential electrode. Sborn. lek. 67 no.8/9:231-239 Ag '65.

1. Kardiologicka laborator pri II. interni klinice fakulty vseobecneho lekarstvi University Karlovy v Praze (vedouci prof. dr. F. Herles, DrSc.).

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STOJAN, M.; MALY, V.; SAVLIKOVA, J.

Effect of thoracotomy and exposure of the heart in situ on limb-lead electrocardiography in the frog. Sborn. lek. 67 no.11: 327-340 N ' 65.

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L 10740-67

ACC NR: AP6016787 (A) SOURCE CODE: UR/0416/65/000/011/0019/0021

AUTHOR: Savluchinskiy, R. (Major General); Yaremchenko, A. (Lieutenant Colonel) 36

ORG: None

TITLE: When artillerymen train

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 11, 1965, 19-21

TOPIC TAGS: training procedure, ordnance training, armed forces logistics, artillery ammunition, fuel truck, liquid fuel, food ration, food service equipment

ABSTRACT: The article discusses the important role played by the rear area service troops in assuring the success of artillery in combat. Hot food must be provided the different elements of the artillery unit even though they are widely dispersed throughout the combat zone. If the artillery pieces or artillery personnel are in concealed positions food is delivered by mobile field kitchens, if not, then food is brought up in thermos containers. A ration distributing point usually feeds several batteries. The primary area of activity for rear service troops is ammunition resupply. Ammunition must frequently be transported from ammo dumps of higher headquarters directly to the artillery firing positions without off-loading at intermediate dumps. This method should always be employed when the situation permits. The artillery prime movers are refueled directly from a fuel truck. During a road

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ACC NR: AP6016787

march the fuel trucks move with the combat elements and replenish their fuel supply during any halt, planned or unplanned. Refueling is begun at the head of the convoy and the fuel truck then works its way to the rear, refueling as it goes. This method saves time. Orig. art. has: 2 figures.

SUB CODE: 15/SUBM DATE: None

Card 2/2 bip

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447420006-3

SAVNIK, Leo, dr.

Degranol and other chemotherapeutic agents. Magy. onkol. 6 no.1: 9-14 Mr '62.

1. A Ljubljanai Orvosi Foiskola Onkologiai Intezete.

(ANTINEOPLASTIC AGENTS) (NITROGEN MUSTARDS)

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NOVAK, Franc; KOVACIC, Jule; HREN, Marjeta; PESTEVSEK, Rihard; POLJANSEK, Rado; STUDZIN, Marija; SAVNIK, Leo

How to improve the treatment of carcinoma of the cervix uteri. Srpski arh. celok. lek. 91 no.9:773-782 S'63

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Univerziteta u Ljubljani (upravnik: prof. dr. Franc Novak) i Onkoloski institut u Ljubljani (upravnik: prof. dr. Leo Savnik).

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Development of the Slovenian speleology and some of its present tasks. p. 7; Slovenska akademija znanosti in umetnosti. Institut za raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 12, December 1956.

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SAVNIK, R.; HRIBAR, F.; HABE, F.

Underground world of the karstic plateau of Prestranek and Slavina. p. 91; Slovenska akademija znanosti in umetnosti. Institut za raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1, 1955.

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SAVNIK, R.

Coloring of Lokva Creek under the Predjama Castle. p. 173; Slovenska akademija znanosti in umetnosti. Institut za raziskovanje krasa. POROCILA. ACTA CARSOLOGICA. Ljubljana; Vol. 1, 1955.

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SAVNIK, R. Anton Melik's Kraska polja Slovenije v pleistocenu (The Karst Polja of Slovenia in the Pleistocene); a book review. p. 376. Vol. 27/28 1955/56 (published 1957).

Monthly List of East European Accessions (EEAI) Vol. 11, No. 2.
April 1959 Unclass.

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GAMS, Ivan, dr.; KUNAVER, Jurij; NOVAK, Dusan, geol.; JENKO, Franc; SAVNIK, Roman

Karst terminology. Geogr vest 34:115-137 '62.[publ.'63].

1. Clan Uredniskega odbora, "Geografski vestnik" (for Gams).

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"Guide to the analysis of intrafactory transportation" by H.Merbach. Reviewed by V.Savnik. Stroj vest no.1/2:33 Ap '62.

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