"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRINOV, V.D.

25(1);18(5) PHASE I BOOK EXPLOITATION SOV/3382

Yekimov, Konstantin Konstantinovich, Vladimir Dmitriyevich Makrinov, and Georgiy Ivanovich Sukhanov

Izgotovleniye pokovok pod kovochnymi molotami i pressami (Hammer and Press Forging) Moscow, Mashgiz, 1958. 120 p. (Series: Bibliotechka kuznetsa-novatora, vyp. 4). 7,000 copies printed.

Reviewer: B. O. Bange, Engineer; Ed. (Title page): P. V. Kamnev, Candidate of Technical Sciences, Docent; Ed. (Inside book): G. T. Obolduyev, Engineer; Ed. of Publishing House: I. A. Borodulina; Tech. Ed.: O. V. Speranskaya; Managing Ed. for Literature on Machinery Manufacturing (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This book is intended for engineering and technical personnel of forge shops and can also be used by engineering students.

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Hammer and Press Forging SOV/3382

COVERAGE: This book, one of a series of eight books on the subject, presents information on methods of drop and press forging including examples of advanced methods. Considerable attention is paid to the problem of the mechanization of forging operations and organization of work [illegible] around drop hammers and presses. The first and second chapters were written by G. I. Sukhanov, the third and fifth by K. K. Yekinov, and the fourth by V. D. Makrinov. No personalities are mentioned. There are 14 references, all Soviet.

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20. Conveying equipment and devices in press-forging shops 104
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AVAILABLE: Library of Congress

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APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRINOVA, A., starshiy nauchnyy sotrudnik

Creative contribution of Siberian machine operators. Nauka i pered. op.v sel'khoz. 9 no.7:10-13 Jl '59.

(MIRA 12:11)

(Krasnoyarsk Territory--Grain--Harvesting)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

SHEVCHENKO, Petr Davidovich; MAKRINOVA, Aleksandra Nikiforovna; LYZHIN, K., red.; GIL'DEBRANT, Ye., tekhn. red.

[Crop rotation system is the basis of increased yields; putting crop rotations into practice on the Kalinin Collective Farm in Uyar District] Sistema sevooborotov - osnova povysheniia urozhainosti; opyt osvoeniia sevooborotov v kolkhoze imeni Kalinina, Uiarskogo raiona. Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1960. 37 p. (MIRA 14:9)
(Uyar District—Rotation of crops)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRINOVA, N. A.

"Formation of Organic Acids in Aspergillus Niger as Influenced by Acenaphthene,"

SO: Dok. AN, 30, No. 4, 1941. Mbr., Microbiological Lab., Leningrad Order Lenin Univ. im/ A.A. Zhdanov, -c1941-.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

SOV/124-57-9-10690

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 9, p 123 (USSR)

AUTHORS: Makrinova, O. V., Kondrat'yev, N. Ye.

TITLE: An Experimental Investigation of Wave-energy Losses in a Permeable Bottom Layer (Eksperimental'noye issledovaniye poter' volnovoy energii v fil'truyushchem podstilayushchem sloye)

PERIODICAL: Tr. Gos. gidrolog. in-ta, 1956, Nr 56(110), pp 27-35

ABSTRACT: A description of methods and results of experimental investigations into wave-energy losses in a permeable layer of bottom (bed) deposits. The damping of oscillations of a standing wave was observed in a glass trough 43 cm wide and 40 cm high. The experimental results are presented in the form of graphs of wave-energy losses as a function of the wave amplitude and as a function of the depth of the permeable layer. The experiments corroborate the theoretical postulate on the appearance of wave-energy losses in the process of seepage in a layer adjacent to the bed. Since the results of the experiment (in the case of depth H>150 mm) are in relatively satisfactory agreement with the theoretical formula (in the case of a progressive wave)

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SOV/124-57-9-10690

An Experimental Investigation of Wave-energy Losses in a Permeable (cont.)

$$R = \frac{\pi \gamma K \tau a^2}{\cosh^2 kH} \tanh kP$$

the authors are of the opinion that, for the time being, no empirical correction factors are needed in that formula. Bibliography: 10 references.

M. V. Filinov

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRIS, Kosta
SURNAME (in caps); Given Names

Country: Greece

Academic Degrees: Professor Dr.

Affiliation: not given /

Source: Belgrade, Arhiv za Farmaciju, No 1, 1961, pp 30-34.

Data: "Greek Pharmakopoeias", translated by Dr. Jovan Tucakov and Nadezda Krstic.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRITSKAYA, Ye.K.

7 5

1-4E2e

6 1771. Amperometric titration of cadmium with potassium iodide in the presence of excess of amidopyrine. A. K. Zhdanov, V. A. Khadeev and E. K. Makritskaya (V.I. Lenin Central Asiatic State Univ.). Zavod. Lab., 1956, 23 (11), 1286–1291.—At low acidities (pH 3 to 5), amidopyrine (I) and KI give with Cd^{2+} a difficultly sol. complex $(I)_2CdI_2$. The reaction can be used in the amperometric determination of Cd with KI at 1 V vs. the S.C.E. At higher acidities, $(I)_2H_2CdI_4$ is formed. This is more sol. and cannot be used as a basis for amperometric titration. To determine Cd (≤0·002 M), 25 ml of the soln. is mixed with I (5 to 10 times the molar concn. of the Cd), then neutralised to methyl orange indicator and titrated with KI soln. after removal of O by the passage of N. The cathode is a dropping-mercury electrode and the anode a S.C.E. joined to the soln. by means of an agar-KNO_3 bridge. No interference is caused by the presence of Zn^{2+}, Mn^{2+}, Ni^{2+}, Co^{2+}, NH_4^+, SO_4^{2-}, NO_3^-, acetate and tartrate. The interference of Pb is prevented by addition of Na_2SO_4, and the interference of Bi is prevented by addition of aq. NH_3 followed by titration in the presence of the ppt. With Cd and Zn together the Cd can be titrated first in the presence of I, and then the Zn can be titrated at −1·9 V with EDTA after addition of Na acetate to make the concn. of the latter ≃0·1 M. To determine Zn and Cd in an alloy containing Al, Zn, Cd and Mn, the sample is dissolved in dil. H_2SO_4 (1 + 5), Zn and Cd are separated by means of H_2S, the ppt. is dissolved in dil. H_2SO_4, and Cd and Zn are successively determined amperometrically in one aliquot portion. G. S. Smith

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRO, L. Hungary

Neure Entwicklung auf dem Gebiet der Theorie und Praxis der Hochpolymeren

(Hauptjahrestagung 1956 der Chemischen Gesellschaft in der Deutschen Demokratischen Republik).

Aus dem Tagungsprogramm - Nachmittags: Gruppe C:

Dr. J. BERTY, E. OLTAY und L.MARKO (Vorgetr. von J. BERTY), Budapest, "Direkte Synthese von Ektylalkohol aus Krackbezin und Wassergas (Ososysthese).

SOURCE: Plaste und KAUTSCHUK, October 1956, Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

USSR/Cultivated Plants. Fruits. Berries. M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68375

Author : Minasyan, A. I., Malbandyan, A. D., Makrosyan, G. Ye.

Inst : Armenian Scientific Research Institute of Viniculture, Wine Production, and Fructiculture.

Title : The Effect of Fertilizers on the Microbiological Activity of Vineyard Soils.

Orig Pub : Byul. nauchno-tekhn. inform. Arm. n.-i. in-ta vinogradarstva, vinodeliya, i plodovodstva, 1957, No 1, 17-20

Abstract : Azotobacter is common everywhere in the soils of vineyards of the Araksa Lowland, and also, the atmospheric N is fixated intensively on

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKROV, A.

Radio Location of the Moon (Popular Conversation). Radi (Radio), #7:10:Jul 54

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKROV, A. P.

Kazakhstan - Pastures

Principles of pastureland rotation in the desert region of southeastern Kazakhstan. Vest. AN Kazakh SSR 10 no. 1, 1953

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

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

L 45068-66

ACC NR: AP6016803 (A) SOURCE CODE: UR/0018/66/000/001/0076/0079

AUTHOR: Makrov, Ye. (Colonel)

ORG: none

35
B

TITLE: Training of a radiolocation platoon 4

SOURCE: Voyennyy vestnik, no. 1, 1966, 76-79

TOPIC TAGS: military tactic, military training, radio guidance

ABSTRACT: The article is a description of Soviet training methods. The first part of the training is devoted to study of the basic processes which take place in a radiolocation station, overall and in each of its systems. The operators familiarize themselves with tactical and technical data and with the military uses of the equipment. Use is made of training apparatus, on which the operators learn their individual and group tasks. Specialists are always on hand to check and regulate the the systems in the station. The article gives a general description (no diagrams) of some of the instruments which have been developed and put into operation in the Soviet Union in recent years. These include spectroscopes and electro-vacuum instruments (amplifiers, blocking generators, multivibrators). Orig. art. has: 1 figure.

SUB CODE: 15, 17/ SUBM DATE: none

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

BURLAY, P.F.; MAKROVICH, A.Z.

Improve the network of roads in agricultural [illegible]. [illegible]. dor. 27 no.4:4-5 Ap '64. (MIR 17:4)

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ORLOV, Yu.A., glav. red.; MAKROVSKIY, B.P., zam. glav. red.; RUZHENTSEV, V.ye., zam. glav. red.; SOKOLOV, P.S., zam. glav. red.; VAKHRAMEYEV, V.A., otv. red.; RADCHENKO, G.P., red.; TAKHTADZHAN, A.L., red.; KOTLYAREVSKAYA, P.S., red.izd-va; LAUT, V.G., tekhn. red.

[Fundamentals of paleontology: manual for paleontologists and geologists of the U.S.S.R. in 15 volumes] Osnovy paleontologii; spravochnik dlia paleontologov i geologov SSSR v piatnadtsati tomakh. Moskva, Izd-vo AN SSSR. Vol.14. [Algae, bryophytes, psilophytales, lycopsids, arthrophytes, ferns] Vodorosli, mokhoobraznye, psilofitovye, plaunovidnye, chlenistostebel'nye, paporotniki. Pod red. V.A.Vakhrameeva, G.P.Radchenko, A.L.Takhpadzhana. 1963. 697 p. (MIRA 16:10)

(Paleobotany, Stratigraphic)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRTCHYAN, A.O.

Vegetative segregation of a variegated form of box elder. Izv. AN Arm. SSR. Biol. nauki 16 no.3:65-70 Mr '63. (MIRA 17:10)

1. Botanicheskiy institut AN ArmSSR.

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1. MAKRUSHENKO, P.

2. USSR (600)

4. Tbilisi - Description

7. In the capital of Georgia. Mol. kolkh. 19, no.12, 1952.

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

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo

"A Solar Power Station," Science and Culture, Vol. 22. No. 7, Jan 1957.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo

Oak tree planted by Lenin. IUn. nat. no.11:1-4 N '58.
(MIRA 11:12)
(Lenin, Vladimir Il'ich, 1870-1924--Homes and haunts)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo

Motor sledges in Gorki. Za rul. 16 no.4:6 Ap '58. (MIRA 13:3)

(Lenin, Vladimir Il'ich, 1870-1924)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo

How V.I. Lenin worked (to be continued). IUn. nat. no.10:1-2 O '62. (MIRA 15:11)
(Lenin, Vladimir Il'ich, 1870-1924)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo

How V.I.Lenin worked. IUn. nat. no.11:1-4 O '62. (MIRA 16:5)
(Lenin, Vladimir Il'ich, 1870-1924)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, Pavlo, pisatel'

There is a revolution in Russia! Sov. profsoiuzy 18 no.20:6-9 O '62. (MIRA 15:10)

(Lenin, Vladimir Il'ich, 1870-1924)
(Russia—Revolution, 1917-1921)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHENKO, P.I.

Learn sensitivity from V.I.Lenin. Med. sestra 22 no.6:38-41 Je'63. (MIRA 16:9)

(LENIN, VLADIMIR IL'ICH, 1870 - 1924)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, A.; SHAPIRO, Ya.

New methods for using bulldozers in loading. Avt. dor. 21 no.2:24 F '58. (MIRA 11:2)

(Bulldozers) (Loading and unloading)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, A.Ya., inzhener; MAKSIN, Ye.A., inzhener.

Mechanization of wintertime road maintenance in Leningrad Province. Avt.dor.18 no.6:4-5 O '55. (MIRA 9:2)
(Leningrad Province--Roads--Maintenance and repair)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

USSR/Diseases of Farm Animals. Noninfectious Diseases. R-2

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92374

Author : Makrushin, I. V.
Inst : -
Title : An Important Factor in Combating the Dyspepsia in Newborn Calves.

Orig Pub : S. kh. Povolzh'ya, 1957, No 11, 49-51

Abstract : In the Saratovskaya Oblast' a large scale incidence of dyspepsia in newborn calves was observed at farms where during the period of confinement to the pens the cows were kept on food rations poor in protein and carotin. Toward the end of wintering the combined level of blood proteins in such cows was 16.21

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, M.; BLYUMBERG, I.

Results and prospects. Zhil. stroi. no.10:21 O '61.
(MIRA 14:10)

1. Glavnyy inzhener tresta Mezhilstroy (for Makrushin).
2. Zamestitel' glavnogo inzhenera tresta Moszhilstroy (for Blyumberg).

(Apartment houses)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

KASHIRSKIY, A.A., MAKRUSHIN, M.M.; SMIRNOV, B.V.; GORDEYEV, P.A., red. izd-va; GILENSON, P.G., tekhn.red.

[Construction of large-panel apartment houses (in block No.12 of Novyye Cheremushki in Moscow)] Stroitel'stvo krupnoblochnykh zhilykh domov (v kvartale no.12 Novykh Cheremushek Moskvy). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 62 p. (MIRA 12:1)

(Moscow--Apartment houses)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, M., inzh.; KASHIRSKIY, A., inzh.; SMIRNOV, B., inzh.

Erecting large-panel houses according to hourly work schedules with materials taken directly from trucks. Zhil.stroi. no.4/5: 25-27 '58. (MIRA 12:6)

(Moscow--Precast concrete construction)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, Mikhail Mikhaylovich; YARTSEV, N., red.; SHLYK, M., tekhn.red.

[The foremost construction trust] Peredovoi stroitel'nyi trest. Moskva, Mosk.rabochii, 1960. 110 p. (MIRA 14:3)

1. Glavnyy inzhener tresta "Moszhilstroy" (for Makrushin).
(Moscow--Construction industry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

DYKHOVICHNYY, Yuriy Abramovich, inzh.; KRAVTSOV, [illegible] inzh.; LEVITAN, Ye.P., kand. tekhn. nauk; MAKRUSHIN, [illegible], inzh.; TARGANSKIY, N.L., inzh.; SHIFUKIN, A.A., prof., doktor tekhn. nauk, retsenzent; DROZDOV, [illegible], inzh., retsenzent; DEMENTYEV, S.T., inzh., retsenzent; [illegible], A.I., inzh., retsenzent; KIRILLOV, Ye.[illegible], inzh., retsenzent; PERMYAKOV, [illegible], kand. tekhn. nauk, retsenzent; BALASHOV, S.I., inzh., nauchn. red.

[Large-scale fully prefabricated housing construction in Moscow] Massovoe [illegible] [By] Iu.A. Dykhovichnyi [illegible] Moskva, Stroiizdat, [illegible]. 275 p.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P. V.: Master Vet Sci (diss) -- "Material on the etiology and pathogenesis of dyspepsia in newborn calves". Saratov, 1958. 22 pp (Min Agric USSR, Saratov State Zootech-Vet Inst, Chair of the Pathology and Therapy of Internal Noninfectious Diseases of Agric Animals), 200 copies (KL, No 6, 1959, 140)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

KONZSHINA, G. I., SELIVERSTOV, P. A. and MAKRUSHIN, P.V.

" Phenothiazine and salt mixture against sheep strongylosis."

Veterinariya Vol. 37, No. 3, 1960, p. 34

Makrushin - Assistant, Saratov Zoovet. Inst

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P. V., (Candidate of Veterinary Sciences, Saratov Zoovetrinary Institute)

Assaying the concentration of native biomycin under industrial conditions

Veterinariya vol. 3 , no 7, July 1961 p. 82.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P.V., dotsent; SIBIREV, V.F., zootekhnik

Effect of azotobacterin on weight gain in swine and calves.
Trudy SZVI 11:79-85 '62. (MIRA 16:7)

(Azotobacter)
(Swine—Feeding and feeds)
(Calves—Feeding and feeds)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P.V., dotsent; SHINDIN, S.M., dotsent;
MAKRUSHINA, L.A., laborant

Effect of fodder phosphatides on the growth and development of chickens. Trudy SZVI 11:87-95 '62. (MIRA 16:7)

(Phosphatides)
(Poultry—Feeds and feeding)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

RONZHINA, G.I., prof.; SELIVERSTOV, P.A., dotsent; MAKRUSHIN, P.V., assistent

Phenothiazine-saline mixture in strongyloidiasis in sheep.
Veterinariia 37 no.3:34-37 Mr '60. (MIRA 16:6)

1. Saratovskiy zooveterinarnyy institut.
(Strongyloidiasis) (Phentothiazine)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P.V., dotsent; SIBIREV, V.F., zootekhnik

Effect of hypodermic injections of diethylstilbestrol on the fattening of cattle. Trudy SZVI 11:63-72 '62.
(MIRA 16:7)

(Stilbenediol) (Beef cattle)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P.V., dotsent; BARINOV, N.F., zootekhnik

Using diethylstilbestrol in fattening gelded rams. Trudy SZVI 11:73-77 '62. (MIRA 16:7)

(Stilbenediol) (Rams)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

KLESMET, O.I.; VOLIK, F.Ye., veter. vrach; MAKRUSHIN, P.V., kand. veter. nauk; LOZHKIN, N.I., kand. biolog. nauk; NIKOL'SKIY, B.S., nauchnyy sotrudnik

Laboratory practice. Veterinariia 38 no.7:80-84 Jl '61. (MIRA 16:8)

1. Respublikanskaya veterinarno-bakteriologicheskaya laboratoriya Latviyskoy SSR (for Klesmet). 2. Veterinarno-bakteriologicheskaya laboratoriya, Melitopol' (for Volik). 3. Saratovskiy zooveterinarnyy institut (for Makrushin). 4. Vsesoyuznyy institut eksperimental'noy veterinarii (for Lozhkin, Nikol'skiy).
(Listeriosis) (Aureomycin)
(Milk—Analysis and examination)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, S.G.

USSR.

Effect of electrolytes on the formation and stability of foam produced by malt sprout. S. G. Makrushin, V. I. Borisikhina, and K. G. Potaskuev. *Zhur. Prikhl. Khim.* 28, 107-8(1955); *J. Appl. Chem.* (*U.S.S.R.*) 28, 99-100 (Engl. translation); cf. *C.A.* 48, 3004.—The max. vol. of foam produced by powd. malt sprout (I) was by a suspension contg. 3 g. of I/100 ml. H_2O. The vol. was increased by the addn. of 10 ml. of the following sulfates: Zn 17, Mg 26, Cu 44, Ni 30, Co 30, Al 23, Cd 35, and Na 0% (3 ml. of Na_2SO_4 increased the vol. 14%); 35 ml. of $Al_2(SO_4)_3$ and $CdSO_4$ increased the foam vol. 32 and 88%, resp. Larger proportions of the other sulfates did not affect the vol. $FeCl_3$ (10 ml.) increased the vol. 31%; 24 and 3 ml. of 75% $ZnCl_2$ increased the vol. 75 and 27%, resp. (5 ml. of 47% $ZnCl_2$ is a preservative for I). Mixts. of I with chalk treated with H_2SO_4 produced stable foams which suggested these mixts. as substitutes for Na_2CO_3 + licorice root mixts. in *fire extinguishers*. I. Bencowitz

CH 3

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

YESIN, M.I., starshiy master; MAKRUSHIN, V.V.

Work practices of foreman D.M. Bartolish. Metallurg 6 no.8: 32 Ag '61. (MIRA 14:8)

1. Kuznetskiy metallurgicheskiy kombinat. 2. Zamestitel' nachal'nika martenovskogo tsekha Kuznetskogo metallurgicheskogo kombinata (for Makrushin).
(Open-hearth furnaces—Maintenance and repair)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

KHOROSHAVIN, L.B.; PEREPELITSYN, V.A.; ZHUKOV, A.V.; MOROKOV, P.K.; MAKRUSHIN, V.V.; BARTOLISH, D.M.; BRYUNETKIN, M.G.; VAYNSHTEYN, O.Ya.; GISS, A.N.; SHUL'KIN, M.A.; SHOTIN, V.S.

Use of metallurgical magnesite powder burned at low temperature. Stal' 25 no.12:1086-1088 D '65.

(MIRA 18:12)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, Ya. [Makrushyn, IA.] (Mozerskiy rayon)

In quest of the new. Rab.i sial. 38 no.11:4-5 N '62. (MIRA 15:11)

(Mozyr' District—Farm mechanization)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, Ye. [Makrushyn, E.]

Skilled saw sharpener. Rab. i sial. 35 no.4:8-9 Ap '59. (MIRA 12:12)

(Mozyr'--Lumbering)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, Ye. [Makrushyn, E.] (g.Mazyr)

On the right road. Rab.i sial. 36 no.8:16-17 Ag '60.
(MIRA 13:10)

(Mozyr'--Furniture industry) (Women--Employment)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, Ye. [Makrushyn, E.]

In her parents' footsteps. Rab.i sial. 37 no.6:16 Je '61.
(MIRA 15:2)

(White Russia—Poultry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

POSTNOV, Anatoliy Vasil'yevich, kand. tekhn. nauk; ATLAS, Boris Aleksandrovich, kand. ekon. nauk. Prinimali uchastiye: SHAPOSHNIKOV, Ye.M., kand. tekhn. nauk; MATSVEYKO, A.N., inzh.; STOLBOV, A.G., inzh.; GDALEVICH, S.S.; ALEKSANDROV. V.V., inzh.: NEVOLIN, V.V., inzh., retsenzent; KUZNETSOVA, L.N., retsenzent; DROZDOV, B.M., nauchn. red.; MAKRUSHINA, A.N., red.

[Use of computing techniques in water transportation] Primenenie vychislitel'noi tekhniki na vodnom transporte. Moskva, Transport, 1965. 215 p. (MIRA 18:7)

1. Kafedra ekspluatatsii Novosibirskogo instituta inzhenerov vodnogo transporta (for Drozdov).

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

LYSKHOV, Konstantin Stepanovich; M. KRUSHINA, A.N., red.; NIKOLAYEV, V.G., red.

[For high engineering standards in the operation of the merchant marine; from work practices by the crew of the Volga cargo motorship "Chimkent" in bulk cargo transportation] Za vysokuiu inzhenernuiu kul'turu ekspluatatsii flota; iz opyta raboty ekipazha vol'z skogo gruzovogo teplokhoda "Chimkent" na perevozkakh massovykh gruzov. Moskva, Transport, 1964. 49 p. (MIRA 17:10)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

VLADIMIROV, Nikolay Petrovich; SHCHEPETOV, Ivan Alekseyevich; BELOGLAZOV, Vasiliy Ivanovich; PUSHKAREV, Leonid Vasil'yevich; ZERNOV, S.A., inzh., retsenzent; AGAPOV, A.D., kapitan, retsenzent; PYATLIN, A.A., kapitan, retsenzent; BAKULIN, P.F., kapitan, retsenzent; MOSKVIN, S.V., kapitan-nastavnik, retsenzent; POROCHKIN, Ye.M., red.; MAKRUCHINA, A.N., red.

[Special sailing directions for the Volga-Kama and Don River basins; Moscow Canal, Volga River from the Ivankovo Hydraulic Development Complex to Bertyul', Kama River from the city of Perm to its estuary, Volga-Don Canal, TSimlyansk Reservoir, and the Don River from the TSimlyansk Reservoir to the city of Rostov] Spetslotsiia Volzhsko-Kamskogo i Donskogo basseinov; kanal im. Moskvy, r. Volga ot Ivan'kovskogo gidrouzla do nas. p. Bertiul', r. Kama ot g. Perm' do ust'ia, Volgo-Donskoi kanal im. V.I.Lenina, TSimlianskoe vodokhranilishche i r. Don ot TSimlianskogo vodokhranilishcha do g.Rostov. Moskva, Transport, 1964. 288 p. (MIRA 17:10)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

VAL'KOV, Grigoriy Petrovich. Prinimali uchastiye: KAZAKOV, A.P., kand. tekhn. nauk, dots.; GNOYAN, A.A., inzh.; MOROZOV, N.P., inzh.; ARTAMONYCHEV, A.N., kand. tekhn. nauk, retsenzent; MARFENIN, N.V., inzh., retsenzent; RZHECHITSKIY, B.D., red.; MAKRUSHINA, A.N., red.

[Organization of cargo handling; problems and examples] Organizatsiia gruzovykh rabot; zadachi i primery. Moskva, Transport, 1965. 299 p. (MIRA 18:6)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHINA, A. T.

Fungicides for use instead of Bordeaux solution. Thiocyanodinitrobenzene. D. D. Verderevskii and A. T. Makrushina (All-Union Inst. Protection of Plants, Mol[redacted] i Vinogradarstvo S.S.S.R. 12, No. 11, 47-8(1952).—Thiocyanodinitrobenzene (I) gave 100% protection against vine mildew by spraying the plants with 0.5-1% solns. Copper oxychloride. M. P. Zubov. *Ibid.* 49-51.—Cu oxychloride (II) contg. 28-30% of metallic Cu, when used in the concn. of 0.5-0.8%, is also a highly effective fungicide; application of 20-30 kg./ha. of the II prepn. gives the same results as the application of 1% Bordeaux soln. When used simultaneously against other fungi or vine insects the II soln. can be mixed with proper amts. of Ca arsenate, DDT, and anabasine sulfate. E. Wierbicki

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKRUSHIN, P.V., dotsent; SHINDIN, S.M., dotsent;
MAKRUSHINA, L.A., laborant

Effect of fodder phosphatides on the growth and development of chickens. Trudy SZVI 11:87-95 '62. (MIRA 16:7)

(Phosphatides)
(Poultry—Feeds and feeding)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

BELONOZHKO, Ivan Fedorovich; SHUPOV, Leonid Petrovich;
MAKRUSHINA, Ye.A., ved. red.

[Filtration equipment operator] Fil'troval'shchik. Moskva, Nedra, 1965. 75 p. (MIRA 18:8)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

BANKETOV, A.K.; VERIGO, K.N.; MAKRUSHINA, Ye.A.; SEDOVA, G.A.; TOMOVA, I.S.; FOMICHEV, L.Kh., red.; TROITSKIY, A.V., red.; VELLER, L.Ye., red.; LOGINOVA, Ye.I., tekhn.red.

[Copper industries in capitalist countries]Mednaia promyshlennost' kapitalisticheskikh stran. Moskva, Pt.1. [Mining and treatment of copper ores]Dobycha i obogashchenie mednykh rud. 1962. 171 p. (MIRA 16:4)

1. Moscow. TSentral'nyy institut informatsii tsvetnoy metallurgii.

(Copper mines and mining) (Ore dressing)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

SAGRADYAN, Aza L'vovna, kand. tekhn. nauk; SUVOROVSKAYA, Natal'ya Aleksandrovna, doktor khim. nauk; SIMONOV, K.A., otv.red.; MAKRUSHINA, Ye.A., otv. red.

[Control of the technological process in flotation plants] Kontrol' tekhnologicheskogo protsessa flotatsionnykh fabrik. Izd.2., perer. i dop. Moskva, Nedra, 1964. 426 p. (MIRA 18:2)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

SAGRADYAN, Aza L'vovna, kand. tekhn. nauk; SUVOROVSKAYA, Natalya Aleksandrovna, doktor khim. nauk; SIMONOV, K.A., [illegible], red.; MAKKUSHINA, Ye.A., [illegible] red.

[Control of the technological process in flotation plants. Kontrol' tekhnologicheskogo protsessa flotatsionnykh fabrik. Izd.2., perer. i dop. Moskva, Nedra, 1964. [illegible] p. (MIRA [illegible])

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

SOV/137-58-9-18256

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 5 (USSR)

AUTHOR: Makrushina, Ye. S.

TITLE: On the Improvement of the Technique of Gold-recovery Plants of Dal'stroy (Ob uluchshenii tekhnologii zolotoizvlekatel'nykh fabrik Dal'stroya)

PERIODICAL: Tr. Vses. Magadansk. n.-i. in-ta-l M-va tsvetn. metallurgii SSSR, 1956, division 4, Nr 16, pp 1-20

ABSTRACT: A technological procedure is recommended for ores containing finely impregnated Au which includes a gravitational separation with flotation of tailings and the hydrometallurgical treatment of the concentrates by amalgamation and cyanidation. As the result of the application of this procedure the recovery of Au should attain 93.5 - 95% instead of 70 - 75% obtained at existing plants.

1. Gold ores--Processing 2. Gold ores--Flotation 3. Gold--Separation

I. M.

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

L 44456-66 EWT(1)/FCC GW

ACC NR: AP6028358 SOURCE CODE: UR/0203/66/006/004/0786/0788

AUTHORS: Makrygin, A. M.; Ponomarev, Ye. A.

ORG: Institute of Space-Physics Investigations and Aeronomy, Yakutsk Branch of SO AN SSSR (Institute Kosmofizicheskikh issledovaniy i aeronomii Yakutskogo filiala SO AN SSSR)

TITLE: Some radar observation results of the aurora during the International Year of the Quiet Sun period in Yakutsk

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 4, 1966, 786-788

TOPIC TAGS: aurora, radar ~~communication~~ OBSERVATION

ABSTRACT: Results of radar observations taken during the period 1 January 1964 to 30 April 1965 in Yakutsk are reported. Observations were made in 0--15--30--45 minute intervals during each hour, starting at 17 hrs LT and ending at 08 hrs the following day. The details of the receiving and transmitting antennas are discussed briefly. The receiver sensitivity was 3 x 10^{-15} volts, and the transmitter power was 90 kw. The rate of antenna rotation was 3 rpm. The spacial distributions of radar reflections, representing four seasons, are shown graphically on azimuth-range plots. Several conclusions are reached. The maximum reflection range is given as 1200 km, the minimum is 20 km, and the average within 600--1000 km. The largest number of reflections was recorded within ± 40° of the magnetic meridian, and the diurnal reflections showed a

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Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

L 44456-66

ACC NR: AP6028358

relatively narrow azimuthal distribution. In addition, the diurnal variation showed two clear maxima in the distributions obtained during the spring season only. Certain special cases are noted, and minimum-maximum amplitudes are given. Orig. art. has: 4 figures.

[04]

SUB CODE: 04/ SUBM DATE: 02Aug65/ ORIG REF: 002 / ATD PRESS: 5081

Card 2/2

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

ACC NR: AP6032698 SOURCE CODE: UR/0203/66/006/005/0936/0937

AUTHOR: Makrygin, A. M.; Ponomarev, Ye. A.

ORG: Institute of Space Physics Research and Aeronomy, Yakutsk Branch, SO AN SSSR (Institut kosmofizicheskikh issledovaniy i aeronomii Yakutskogo filiala SO AN SSSR)

TITLE: Existence of anomalous by near radio wave reflections from sporadic ionization zones connected with aurora borealis

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 5, 1966, 936-937

TOPIC TAGS: ionospheric ~~propagation~~ electron density, ionospheric disturbance, aurora, radar reflection, meteorologic radar, atmospheric ionization

ABSTRACT: This paper describes instances of unusually short-range radar reflections during relatively quiet geomagnetic periods. Five instances of reflection in the 200 to 300 km range were observed in Yakutsk during an ionospheric study in the spring of 1965. Photographs of the radar plan position indicator displays were taken and analyzed. Weak diffusion reflections in the same azimuths at 600 km ranges were also observed in some cases, but they could not be linked with geomagnetic or ionospheric disturbances. Occurrence of these short-range reflections cannot be attributed to distorting effects of ionospheric currents on the geometry of local magnetic fields, nor can they be attributed to refractiv ending of radar signals, since the electron density in the E layer was small in every case. Evidently, an unusually low asepct sensitivity existed in these cases. Orig. art. has: 2 figures. [WA-12]

SUB CODE: 4, 20/ SUBM DATE: 02Aug65/ ORIG REF: 002

Card 1/1

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

ACC NR: AP6032698 SOURCE CODE: UR/0203/66/006/005/0936/0937

AUTHOR: Makrygin, A. M.; Ponomarev, Ye. A.

ORG: Institute of Space Physics Research and Aeronomy, Yakutsk Branch, SO AN SSSR (Institut kosmofizicheskikh issledovaniy i aeronomii Yakutskogo filiala SO AN SSSR)

TITLE: Existence of anomalous by near radio wave reflections from sporadic ionization zones connected with aurora borealis

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 5, 1966, 936-937

TOPIC TAGS: ionospheric ~~propagation~~ electron density, ionospheric disturbance, aurora, radar reflection, meteorologic radar, atmospheric ionization

ABSTRACT: This paper describes instances of unusually short-range radar reflections during relatively quiet geomagnetic periods. Five instances of reflection in the 200 to 300 km range were observed in Yakutsk during an ionospheric study in the spring of 1965. Photographs of the radar plan position indicator displays were taken and analyzed. Weak diffusion reflections in the same azimuths at 600 km ranges were also observed in some cases, but they could not be linked with geomagnetic or ionospheric disturbances. Occurrence of these short-range reflections cannot be attributed to distorting effects of ionospheric currents on the geometry of local magnetic fields, nor can they be attributed to refractive bending of radar signals, since the electron density in the E layer was small in every case. Evidently, an unusually low asepct sensitivity existed in these cases. Orig. art. has: 2 figures. [WA-12]

SUB CODE: 4, 20/ SUBM DATE: 02Aug65/ ORIG REF: 002

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APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKS-SAJKIEWICZOWA, Krystyna, inz.

Session of the Scientific Council of the Institute for Soil Improvement and the Use of Grass Land. Gosp wodna 21 no.10:471-472 O '61.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAI, A. V.

Theory of airplane engines Moscow, Voen. izd-vo, 1950. [illegible]

Microfilm Slavic 4-1 TL

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

HORVATH, A.; PAPP, C.; OLOSZ, E.; HORGA, M.; MAKSAI, I.; HUSZAR, I.

Statistical findings on excess weight. Correlations between body weight and frequency of arterial hypertension. Stud. cercet. endocr. 16 no.3:285-291 '65.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAK, B.I.

High-speed raise advance with the use of sprinklers in ventilation. Sbor.rats.predl.vnedr.v proizv. no.1:4-5 '61. (MIRA 14:7)

1. Rudoupravleniye im. Dzerzhinskogo, shakhta "Gigant."
(Mine ventilation)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAKOV, B.I.

New method for producing corundum. Opt.-mekh.prom. [25] no.3:52-54 Mr '58. (MIRA 11:9)

(Corundum)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

S/051/63/014/002/026/026
E039/E120

AUTHORS: Maksakov, B.I., Morozov, A.M., and Romanova, N.G.

TITLE: Absorption and luminescence spectra of single crystals of lead molybdate

PERIODICAL: Optika i spektroskopiya, v.14, no.2, 1963, 312-315

TEXT: Single crystals of $PbMoO_4$ are grown from a melt. Two types are obtained: transparent slightly yellow discs, and dark yellow rods. Both types are transparent in the ultraviolet, visible and infrared, and luminesce in the visible and near infrared. In the long wavelength region beginning at 500 mμ the absorption of all the crystals is small and maintains an approximately constant value. The absorption edge for the disc occurs at 3800 Å and for the rod at 3900 Å (both samples 1 mm thick). The dark yellow type has an additional absorption band with a maximum at 4180 Å. Samples 0.19 mm thick do not give qualitatively different results. Luminescence is excited by λ = 365 mμ at the temperature of liquid nitrogen but not at room temperature. Maximum luminescence occurs in the yellow-green 5300-5400 Å and there is some absorption of the short wave part of the luminescence in samples from the rod.

Card 1/2

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The additional absorption band in these samples is not connected with the centres of luminescence. For all samples the lifetime of the excited state is 10^{-5} sec and there is no significant difference in their infrared absorption. All the crystals absorb weakly up to 5.5 μ with a strong absorption band at 6.3 μ. For wavelengths greater than 10.5 μ the samples are fully opaque. Single crystals of $PbMoO_4$ show 70-75% transmission over the range 0.5 to 5.5 μ for 1 mm thick samples. Such transparency coupled with a high refractive index makes $PbMoO_4$ a good optical material in the visible and infrared.
There are 2 figures.

SUBMITTED: August 20, 1962

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

KARAPETYAN, V.Ye.; MAKSAKOV, B.I.; FEOFILOV, P.P.

Absorption and luminescence of divalent samarium in alkali halide single crystals. Opt. i spektr. 14 no.3:441-443 Mr '63. (MIRA 16:4)
(Alkali metal halide crystals--Growth) (Samarium) (Luminescence)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

DUBENSKIY, K.K.; MAKSAKOV, B.I.; RAZUMOVA, T.K.

Zinc sulfide single crystals activated with samarium. Opt. i spektr. 15 no.4:555-558 O '63. (MIRA 16:11)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

ACCESSION NR: AP4020929 S/0051/64/016/002/0274/0278

AUTHOR: Ry*skin, A.I.; Khil'ko, G.I.; Maksakov, B.I.; Dubenskiy, K.K.

TITLE: Absorption spectra of the divalent Mn ion in ZnS single crystals

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 274-278

TOPIC TAGS: manganese ion absorption, manganese in zinc sulfide, manganese activated zinc sulfide, manganese 2+, zinc sulfide

ABSTRACT: The absorption spectrum of Mn^{2+} in different hosts has been studied by several investigators, but mostly with the material in the polycrystalline state. In view of advances in techniques for growing large ZnS crystals and development of crystal field theory, it was deemed worthwhile to undertake the present investigation of the absorption bands of Mn^{2+} in ZnS single crystals. It is possible that manganese also enters the sulfide lattice in trivalent form, but this is questionable and so far unproved. The Mn activated ZnS crystals were grown from melts under pressure (argon at 150 atm), using crucibles from 10 to 30 mm in diameter. The crucible displacement rate was 8 mm/hour. The initial material was luminescence pure ZnS heated for 6-7 hours in a stream of purified argon. One of the investigated

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ACCESSION NR: AP4020929

crystals was prepared with $ZnCl_2$ flux and contained 2.4 atomic percent Mn (introduced in the form of $MnSO_4$); another crystal was grown with $MnCl_2$ flux and contained 3.8 atomic percent Mn. The intrinsic (non-Mn) absorption of the former extended further into the long wavelength region, probably due to the presence of excess zinc. The spectra of the crystals were recorded at room temperature by means of an SF-4 spectrophotometer and at liquid nitrogen (77°K) temperature and liquid helium (4.2°K) by means of a quartz optics Q-12 spectrograph. The low temperature spectra were recorded in polarized light. Traces of the absorption spectra at the three temperatures and of the structure of the 21 645 cm^{-1} band at 4.2°K for E parallel and perpendicular to the c axis are reproduced. The structure of the spectra of the two above mentioned crystals is rather similar. Five bands are identified, i.e., associated with transitions between the Mn^{2+} levels in a field of cubic symmetry. The structure of the absorption bands is discussed briefly. Orig.art.has: 3 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 20Mar63 DATE ACQ: 02Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 002 OTHER: 015

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

L 62672-65 EWT(1)/EWP(e)/EWT(m)/EWP(i)/T/EWP(t)/EEC(b)-2/EWP(b) IJP(c)
JD/JW/JG/GG

ACCESSION NR: AP5017345 UR/0181/65/007/007/2260/2262

AUTHOR: Arkhangel'skaya, V. A.; Maksakov, B. I.; Feofilov, P. P.

41
40
21 B

TITLE: Additively reduced divalent rare earths in fluorite crystals

SOURCE: Fizika tverdogo tela, v. 7, no. 7, 1965, 2260-2262

TOPIC TAGS: fluorite, rare earth ion, additive reduction, color center, absorption spectrum

ABSTRACT: The authors report that by heating CaF_2-TR^{3+} crystals in calcium vapor they converted the triply charged ions of Dy, Ho, and Tu to the divalent state. This method of reduction is analogous to the method of obtaining color centers in ionic crystals and is called "additive" by analogy, and it is claimed that it can lead to practically complete reduction of the ions. The luminescence spectra of additively reduced ions, corresponding to transitions within the limits of the electron configuration $4f^K$, were found to be identical with the spectra of radiation-reduced crystals. It is therefore deduced that additive reduction is accompanied by the departure of interstitial ions F^- from the crystals, compensating for the excess positive charge of the TR^+ ions which replace the regular Ca^{2+} sites. The absorption spectra of additively reduced crystals differ noticeably from radiation-reduced samples, and this leads to a difference in their visible coloring.

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ACCESSION NR: AP5017345

It is suggested that the additional absorption of the radiatively reduced crystals is due at least in part to the absorption of "hole" centers which unavoidably accompany the formation of electronic "color centers" (in this case TR^{2+}) upon irradiation. It is also concluded that the absorption spectra obtained by the authors for the ions Dy^{2+}, Ho^{+}, and Tu^{2+} in the fluorite crystals are the "true" absorption spectra of divalent rare earth ions. Orig. art. has: 2 figures. [02]

ASSOCIATION: Gosudarstvennyy opticheskiy institut im. S. I. Vavilova, Leningrad (State Optical Institute)

SUBMITTED: 08Mar65 ENCL: 00 SUB CODE: SS, OP

NO REF SOV: 000 OTHER: 004 ATD PRESS: 4057

Card 2/2

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

LESNIKOV, Viktor Yeliseyevich; MAKSAKOV, F.M., red.

[Effective utilization of technical production capacity at a sawmilling and wood-processing enterprise] Effektivnoe ispol'zovanie proizvodstvenno-tekhnicheskikh moshchnostei lesopil'no-derevoobrabatyvaiushchego predpriiatiia. Moskva, Lesnaia promyshlennost', 1964. 65 p.
(MIRA 17:9)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

LEYBOVICH, N.Ya.; MAKSAKOV, M.F.

Improving the technology and organization of production and increasing the output of furniture. Der. prom. 8 no.11:19-20 N '59. (MIRA 13:3)

1. Ivanovskiy mebel'nyy kombinat.
(Ivanovo--Furniture industry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAKOV, M.F.; VOLKOV, N.Ya.

For a successful completion of the third year schedule of the seven-year plan. Der.prom. 10 no.1:1-3 Ja '61. (MIRA 14:2)

1. Gosplan SSSR.

(Woodworking industries)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

PARKHOMENKO, Vladimir Mikhaylovich, inzh.pedagog; SHAFARENKO.Mark Samoylovich, inzh.-pedagog; MAKSAKOV, M.F., red.; SEDOVA, Z.D., red. izd-va; SHIBKOVA, R.Y., tekhn. red.

[Engineering and economic calculations in wood processing] Tekhniko-ekonomicheskie raschety po derevoobrabotke. Moskva, Goslesbumizdat, 1962. 148 p. (MIRA 15:12)

1. Tekhnicheskoye uchilishche No.6 goroda Kiyeva (for Parkhomenko, Shafarenko).

(Wood-using industries—Tables, calculations, etc.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

ALTUKHOV, Vasiliy Fedorovich; MAKSAKOV, M.F., red.; DONNIKOVA, A.A., red.izd-va; KARLOVA, G.L., tekhn. red.

[Adjustment and operation of planing and polishing machines] Naladka i ekspluatatsiia ploskopoliroval'nykh stankov. Moskva, Goslesbumizdat, 1963. 58 p. (MIRA 17:4)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

GOLIKOV, Valentin Ivanovich; RESINA, Zinaida Fedorovna; MAKSAKOV, M.F., red.

[Intensification of veneering and gluing operations in the manufacture of furniture] Intensifikatsiia faneroval'nykh i skleechnykh rabot v proizvodstve mebeli. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 119 p. (MIRA 17:7)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

BAKHMATOV, Yevgeniy Konstantinovich; MAKSAKOV, M.F., red.

[Manual for the operator of a frame tenoner] Posobie rabochemu shiporeznogo ramnogo stanka. Moskva, Lesnaia promyshlennost', 1965. 56 p. (MIRA 18:2)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAKOV, M.M.

One variant of producing artificial single-step commutation of a bridge circuit. Izv.vost.fil.AN SSSR no.6:94-103 '57. (MLRA 10:9)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.
(Commutation (Electricity))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

МАКСАКОВ М.П.

DAVYDOV, Vladimir Ivanovich; MAKSAKOV, Mikhail Petrovich; SHOR, E.R., redaktor; STARODUBTSEVA, S.N., redaktor; EVENSON, I.M., tekhnicheskiy redaktor

[Production of bent profiles by shaping on a roll bending machine] Proizvodstvo gnutykh profilei metodom profilirofaniia na rolikovykh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 140 p. (MLRA 7:10)
(Metalworking machinery)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

MAKSAKOV, M.P

25(1) PHASE I BOOK EXPLOITATION SOV/2049

Davydov, Vladimir Ivanovich, and Mikhail Petrovich Maksakov

Proizvodstvo gnutykh tonkostennykh profiley metodom profilirovaniya na rolikovykh stankakh (Manufacture of Bent Thin-walled Sections on Roll-forming Machines) 2d ed., rev. and enl. Moscow, Metallurgizdat, 1959. 232 p. 3,500 copies printed.

Ed.: N.V. Manakin; Ed. of Publishing House: A.G. Golyatkina; Tech. Ed.: P.G. Islent'yeva.

PURPOSE: This book is intended for designers and engineering personnel, and may also be useful to vuz and tekhnikum students.

COVERAGE: The authors describe the processes of cold forming thin shapes, constructions of equipment used, and they give examples of tool design. Methods of making double layer tubing are presented. An appendix gives the standard profiles used at the Gor'kovskiy avtozovod (Gor'kiy Automobile Factory) including tool schemes. The authors thank Yu.K. Sannikov, Ye. I. Pankov, and N.A. Lebedev, Engineers at the Gor'kiy Automobile Factory; K.U. Bogoyavlenskiy, Assistant Professor at the Leningrad Polytechnical Institute, and A. I. Yermakov for collaboration

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on the first edition of the book. There are 26 references: 14 Soviet, 10 English, 1 German, and 1 French.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

L 22630-65 EWT(m)/EPF(c)/T Pr-4 WE

ACCESSION NR: AP5001629 S/0318/64/000/012/0040/0042

B

AUTHOR: Maksakov, N. I., Dubogray, G. T.

TITLE: Operation of automatic instruments for determining the flash point of petroleum products on-stream

SOURCE: Neftepererabotka i neftekhimiya, no. 12, 1964, 40-42

TOPIC TAGS: petroleum refining, flash point determination, diesel fuel, kerosene, on-stream analyzer, automatic control

ABSTRACT: A report is presented on the installation and operation of on-stream analyzers for diesel fuel and kerosene at the Ryazan refinery and on the adaptation of commercial Soviet instruments for on-stream analysis. The flash point analyzer AVN-60 or the type RAVN with modified circuitry was used. Sample lines were connected to the lower or upper stripping sections for sampling diesel fuel or kerosene, respectively, and analyzed products were discarded to a collecting vessel. The instruments were equipped with rotameters and flow pressure gages of the water column type to measure product flow and the flow of air through the crucible, respectively. Operation of the units eliminated the need for regular flash point tests. The basic flow scheme is shown in Figure 1 of the Enclosure. Orig. art. has: 3

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APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

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ACCESSION NR: AP5001629

figures.

ASSOCIATION: Ryazanskiy neftepererabatyvayushchiy zavod (Ryazan petroleum refinery

SUBMITTED: 00 ENCL: 02 SUB CODE: FP, IE

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031620002-6

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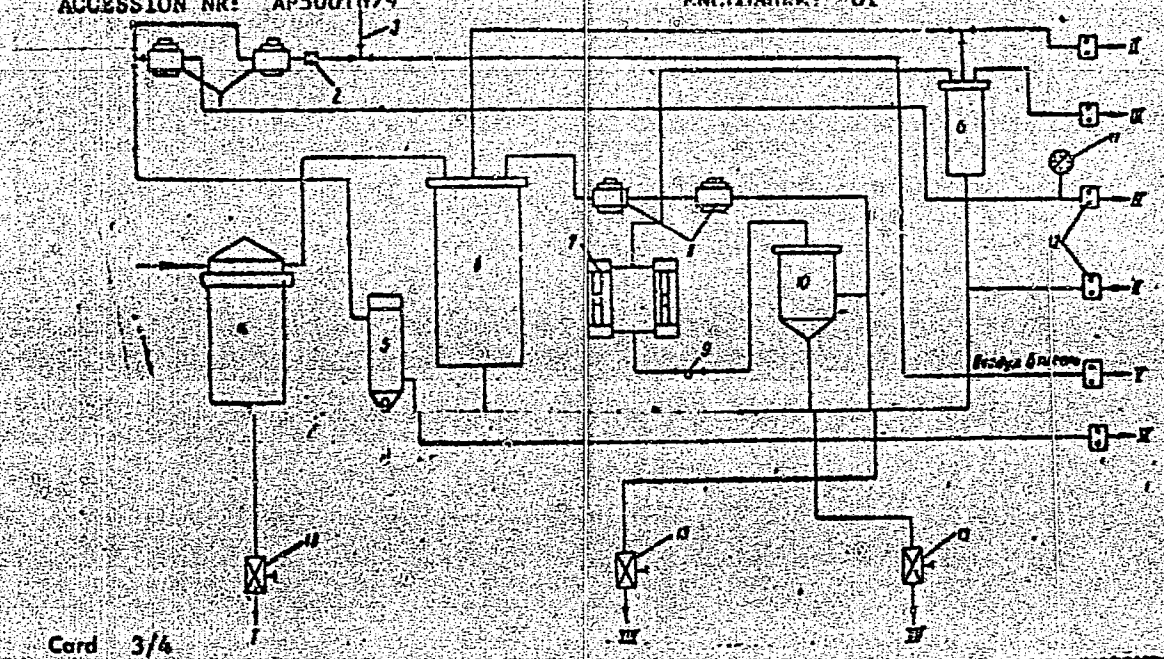
ACCESSION NR: AP5001629 ENCLOSURE: 01



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ACCESSION NR: AP5001629 ENCLOSURE: 02

Figure 1. Flow of samples to the flash point analyzer: 1-air pressure reducer; 2-permanent valve; 3-line to flow pressure gage; 4-filter; 5-air filter; 6-coolers; 7-rotameters; 8-product pressure reducers; 9-three-way drainage valve; 10-water separator; 11-manometer; 12-connecting sleeves; 13-valves. Streams: I-circulation; II-water; III-to analyzer; IV-to indicator of air pressure drop; V-air to crucible; VI-air; VII-drain; VIII-sample.

LEGEND TO ENCLOSURE 01

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