"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

The Direct Observation of Domas of Ferromagnetica on the Occasion of the Application of the Double-Emission Electron Microscope and the Electron Mirror. 48-8-21/25

etic non-uniformity with success. The interaction of a uniform electron current with a gliding surface containing the magnetic electric lens causes modulation according to the density of the electron beam. By the further application of an electrostatic or magnetic lens (macrolens) the image of the gliding surface or a nearby surface is obtained, where the effect produced by the local magnetic field is the most effective.
The paper is divided in the further course into 5 chapters entitled: The Co-operation between micro- and macrolenses; properties of the electron beam which are of essential importance for observing the micro-relief; the visualization of domas by means of double electron emission: visualization of domas by means of electron mirrors; visualization of magnetic microstructure by the modulation method. In conclusion it is said that the here recommended methods are of abstract character and permit an indirect treatment of theproblems in question, so that it is to be recommended that research work be carried out according to the direct electro-optical methods in order that more exact knowledge be obtained in this field. There are 6 figures and 9 references, 6 of which are Slavic.

Card 2/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

The Direct Observation of Domas of Ferromagnetica on the Occasion of the Application of the Double-Emission Electron Microscope and the Electron Mirror. 48-8-21/25

ASSOCIATION: Dept. of Physics of Moscow State University imeni M.V.Lomonosov (Fizicheskiy fakultet Moskovskogo gos. universiteta imeni M.V. Lomonosova)

AVAILABLE: Library of Congress

Card 3/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, T.N.

AUTHOR SPIVAK G.V., DOMBROVSKAYA T.N., SEDOV N.N. PA - 2652

TITLE The examination of the domain structure of a ferromagnetic by means of photoelectrons. (Nablyudeniye domennoy struktury ferromagnetika pri pomoshchi fotoelectronov.- Russian.)

PERIODICAL Doklady Akademii Nauk SSSR 1957, Vol 113, Nr 1, pp 78 - 81 (USSR).

RECEIVED: 5/1957 Reviewed: 6/1957

ABSTRACT The present work describes an electron-optical method for forming an image of the structure of the domain of a ferromagnetic by means of photoelectrons focussed by a magnetic optical system. By the application of this method an image which is qualitatively satisfactory and has a good effect of contrast is obtained the magnetic microfields of the polycrystalline and the monocrystalline surfaces of the ferromagnetic crystals. The present work is based upon the following main idea: The fields of the domains can be made directly visible by putting the electron bundle into interaction with a cathode electron lens (in the cathode plane of which the magnetic fields to be investigated, the magnetic "microlenses", are introduced). These "microlenses" produce a chromatic and a spherical aberration of the immersion optial system and hereby the "microlenses" are made visible on the fluorescence screen. The method facilitates

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PA - 2652

The examination of the domain structure of a ferromagnetic by means of photoelectrons.

the visibility of the entire domain an its boundaries. Furthermore, contrast and resolving power of the electron-optical image can be controlled by changing the parameters of the immersion optical system. The authors used glass modell of a photoelectronic emission microscope with uninterrupted evacuation. As source of the photoelectrons in the microscope an antimony-cesium cathode was used for which the ferromagnetic sample to be investigated served as a base. The locally distributed magnetic field of the base penetrates the semiconductor photocathode and forms the image of the magnetic field on the fluorescence screen. With the help of this device the authors obtained images of the domains on the hexagonal surface of a cobalt monocrystal and on the polished surface of polycrystalline cobalt. Various special features of this method are discussed and compared with those of other methods. Photos of these photoelectronic images are added. (3 illustrations)

ASSOCIATION: Moscow State University.
PRESENTED BY: LEONTOVICH M.A. 3.11. 1956.
SUBMITTED: 30.10. 1956.
AVAILABLE: Library of Congress.

CARD 2/2

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

32921

9,2572 (1139)

S/194/61/000/011/056/070
D271/D302

AUTHORS: Bogatkova, O.M., Gershenzon, Ye.M., Dombrovskaya, T.S., Ptitsyna, N.G., Rozhkova, G.I., Sperantov, V.V. and Etkin, V.S.

TITLE: Single-circuit regenerative and super-regenerative parametric amplifiers with semiconductor diodes

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 11, 1961, 12, abstract 11 K91 (V sb. Poluprovodnik. pribory i ikh primeneniye, no. 6, M., Sov. radio, 1960, 41-62)

TEXT: Theoretical and experimental results are given of a study of single-circuit regenerative and super-regenerative parametric amplifiers with semiconductor diodes. The amplifier forward and reflex operation in a synchronous and biharmonic mode is considered. Results of the investigation into noise parameters of the diode are given. Experiments confirmed the analytical results. It

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D271/D302

Single-circuit...

is shown that super-regenerative operation leads to considerable distortions of the received signal spectrum, but on the other hand it makes it possible to widen the amplifier bandwidth and to achieve greater stabilization of gain. 8 references. [Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, U.

73-1-20/32

AUTHORS: Dombrovskaya, U., Pentin, Yu. A., Dombrovskiy, Yu., Tatevskiy, V. M., Kochetkov, N. K.

TITLE: The Investigation of the Tautomerism of the Alkyl-β-Aminovinyl Ketones According to Infrared Absorption Spectra (Issledovaniye tautomerii alkil-β-aminovinilketonov po infrakrasnym spektram poglocheniya)

PERIODICAL: Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 1, pp. 139-140 (USSR)

ABSTRACT: The present work is directly connected with earlier works (reference 1 and 2). The investigations in these works referred to the clarification of the question of the existence of enamino-imide-tautomerism. The present work is also devoted to the same question. The spectra obtained experimentally are discussed here and compared with each other. 1) The range 2800 - 3500 cm^{-1}, of the valence-X-H-oscillations. In the spectrum of the solid alkyl-β-aminovinyl ketone, i.e. in the α-form of the substance absorption bands with 3140 and 3222 cm^{-1} corresponding to the oscillations of the OH group, are present. It is shown that the α-form is a more or less pure imide-enol form.
2) The range 1450 - 1700 cm^{-1} of the double bonds. All data obtained here speak in favour of the fact that the α-form corresponds

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

The Investigation of the Tautomerism of the Alkyl-β-Aminovinyl Ketones According to Infrared Absorption Spectra

to the imide-enol form, and that the transformation product of the α-form and the mixture of the α- and β-form represents a mixture of the imide-enol- and of the enamine-ketone-form. 3) The range 700 - 1450 cm^{-1}. In the spectrum of the mixture of the α- and β-forms of the methyl-β-aminovinyl ketone 1250 - and 1002 cm^{-1}-bands are present, which were not observed in the spectrum of the α-form and are characteristic for the enamine-ketone-form. Generally, an interpretation of the bands of this range is very difficult. 4) The range 400 - 700 cm^{-1}. In the spectrum of the mixture of α- and β-forms of homologues of the alkyl-β-aminovinyl ketones wide bands with an absorption centre ~690 cm^{-1} are present. These bands become essentially more intensive in the spectra of the α-form. It is assumed that these ones correspond to the deformation oscillations of the hydroxyl group of the imide-enol-form. It may be assumed that the conclusions drawn with respect to the other ranges also apply for this range.

Summing up it is proved on the base of the infrared absorption spectra (in the range of 400 - 3500 cm^{-1}) of the methyl-β-aminovinyl ketone, of its homologues and of some model-compounds in different physical states that the alkyl-β-aminovinyl ketones exist in tautomeric forms; viz. as an enamine-ketone-form (A) and as an

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

76-1-20/32

The Investigation of the Tautomerism of the Alkyl-β-Aminovinyl Ketones According to Infrared Absorption Spectra

imide-enol-form (B). There are 1 figure, and 15 references, 8 of which are Slavic.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov (Moskovskiy gosudarstvenny universitet im. M. V. Lomonosova)

SUBMITTED: October 24, 1956

AVAILABLE: Library of Congress

Card 3/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DERZHAVETS, F.Z.; DOMBROVSKAYA, Ye.A.

Acute myeloblastic leukemia in a 2-month-old infant. Pediatriia no.4:66-70 Jl-Ag '53. (MLRA 6:9)

1. Patologoanatomicheskoye otdeleniye TSentral'noy gorodskoy bol'nitsy Rostova-na-Donu. 2. Klinika detskikh bolezney Rostovskogo meditsinskogo instituta. (Leukemia)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOBROVSKAYA, YE. A.

DOBROVSKAYA, YE. A.: "The pathological anatomy and pathogenesis of chronic pneumonia with bronchiectases." Voronezh, 1955. Voronezh State Medical Inst. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

EXCERPTA MEDICA Sec.11 vol.11/2 Oto-rhino-lar. Feb 58

DOMBROVSKAYA YE. A.

277. THE PART PLAYED BY LESION OF THE VAGUS NERVE IN PATHOGENESIS OF CARDIOSPASM (Russian text). Dombrovskaya E. A. Rostow. VESTN. OTO-RINO-LARING. 1957, 4 (85-88) Illus. 1

A case report of a woman 58 yr. old, suffering from asymptomatic cancer of the upper part of oesophagus is presented. Due to infiltration of the tumour into the mediastinum and vagus nerve, development of cardiospasm was noted with atonia of oesophagus and its acute dilatation. This caused the first complaints of the patient on difficulty of food passage after swallowing. Prolonged existence of cardiospasm was accompanied by penetration of connective tissue into the wall of the oesophagus which resulted in cardiostenosis. The growth of the tumour into the trachea and obstruction of its lumen was characterized clinically by stridor. The addition of bronchopneumonia to the above-mentioned symptoms was the immediate cause of death.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A. (Rostov-na-Donu)

Diffuse ramifying pulmonary osteoma. Arkh.pat. 20 no.11: 76-79 '58. (MIRA 12:8)

1. Iz patologoanatomicheskogo otdeleniya (zav. - prof.Sh.I. Krinitskiy) 1-y gorodskoy bol'nitsy Rostova-na-Donu (glavnyy vrach A.V.Goreshnyak).

(LUNGS--TUMORS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A.; PADALKINA, R.F.

Pulmonary adenomatosis. Vrach.delo no.11:121-122 N '60. (MIRA 13:11)

1. Patologoanatomicheskoye otdeleniye Pervoy gorodskoy bol'nitsy, kafedra patologicheskoy anatomii (zav. - prof. Sh.I.Krinitskiy) i klinika gospital'noy terapii (zav. - prof. N.M.Ivanov) Rostovskogo meditsinskogo instituta.
(LUNGS--TUMORS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

ZEMSKOV, G.V.; GUSEVCHIN, L.K.; DOMBROVSKAYA, Ye. V.; PARFENOV, A.K.; YARKINA, V.T.

Ultrasonic nitriding of steel. Metalloved. i term. obr. met. no.3:40-42 Mr '61. (MIRA 14:6)

1. Odesskiy politekhnicheskiy institut.
(Cementation (Metallurgy))
(Ultrasonic waves--Industrial applications)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A., kand.med.nauk

Papillary muscle infarction caused by proliferative arteritis. Vrach. delo no.5:136-138 My '61. (MIRA 14:9)

1. Prozektura I gorodskoy bol'nitsy i kafedra patologicheskoy anatomii (zav. - prof. I.Sh.Krinitskiy) Rostovskogo meditsinskogo instituta.
(HEART--INFARCTION) (ARTERIES--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A., kand.med.nauk

Adrenal pheochromocytmoas and pheochromoblastomas. Urologiia no.5:51-55 '62. (MIRA 15:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. Sh.I. Krinitskiy [deceased]) Rostovskogo-na-Donu meditsinskogo instituta.

(CHROMAFFIN SYSTEM—TUMORS)
(ADRENAL GLANDS—TUMORS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A., kand.med.nauk

Clinical course and pathologico-anatomic picture of sympathoblastomas and ganglioneuromas of the adrenal glands. Vrach. delo no.3:38-44 Mr '63. (MIRA 16:4)

1. Kafedra patologicheskoy anatomii (zav. - prof. Sh.I. Krinitskiy [deceased]) Rostovskogo meditsinskogo instituta.
(ADRENAL GLANDS—TUMORS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

KLARNET, TS. Ye.; DOMBROVSKAYA, Ye.A.

Acquired toxoplasmosis of the brain with a tumorlike course. Zh. nevropat. psikhiat. Korsakov 63 no.3:388-391 '63 (MIRA 17:1)

1. Kafedra nervnykh bolezney (zav. - prof. V.A. Nikol'skiy) i kafedra patologicheskoy anatomii (zav. - doktor med. nauk I.I.Dorokhov) Rostovskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

ZAVADSKAYA, T.I., dotsent; DOMBROVSKAYA, Ye.A.

Clinical aspects and pathomorphology of acute tuberculous sepsis. Sov. med. 27 no.2:9-14 F '64.

(MIRA 17:10)

1. Kafedra gospital'noy terapii (zav. - prof. N.M.Ivanov) i kafedra patologicheskoy anatomii (zav. - prof. I.I. Dorokhov) Rostovskogo-na-Donu meditsinskogo instituta.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A.

Morphology and histogenesis of neurogenic tumors of the adrenal medulla. Probl. endok. i gorm. 10 no.6:40-46 N-D '64. (MIRA 18:7)

1. Kafedra patologicheskoy anatomii (zav. - prof. Sh.I. Krinitskiy [deceased]) Rostovskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ye.A.

Pathomorphology of the adrenal glands in thymicolymphatic states. Probl. onkok. i gorm. 11 no.5:42-47 S-O '65.

(MIRA 19:1)

1. Kafedra patologicheskoy anatomii (zav. - prof. I.I. Dorokhov) Rostovskogo-na-Donu meditsinskogo instituta. Submitted March 27, 1963.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

L 29145-66 EWT(1)/FCC GW

ACC NR: AP6018679 SOURCE CODE: UR/0050/65/000/009/0020/0026

AUTHOR: Vetlov, I. P. (Candidate of physicomathematical sciences); Gayevskiy, V. L. (Candidate of physicomathematical sciences); Ter-Markaryants, N. Ye. (Candidate of physicomathematical sciences); Guseva, L. N.; Dombkovskaya, Ye. P.; Kondrat'yev, K. Ya. (Professor); Nordberg, V. (Doctor; USA)

ORG: Main Geophysical Observatory (Glavnaya geofizicheskaya observatoriya); Leningrad State University (Leningradskiy gosudarstvennyy universitet); World Meteorological Center (Mirovoy meteorologicheskiy tsentr)

TITLE: Experience in analyzing the infrared image of cloud cover obtained by the meteorological satellite Nimbus I

SOURCE: Meteorologiya i gidrologiya, no. 9, 1965, 20-26

TOPIC TAGS: meteorologic satellite, cloud cover, satellite data analysis, satellite photography, IR photography

ABSTRACT: This article presents the results of a comparative analysis of ordinary meteorological data and data on cloud cover obtained using the satellite Nimbus I. The article is accompanied by reproductions of two Nimbus infrared cloud images obtained at midnight on 2 and 6 September 1964 over the Soviet Union. Much of the information is such as contained in recent articles on the Nimbus photos published in the American press, but of course the photographs are compared with Soviet meteoro-

Card 1/2 UDC: 551.576:551.507.362.2

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L 29145-66

ACC NR: AP6018679

logical data for the photographed area. It was found that the principal difficulties involved in recognition of the character of cloud cover from the photographs is that they show only relatively large details and the smaller details, often important in interpretation, cannot be seen. The following tentative conclusions are drawn: 1. The infrared image obtained from a satellite gives a more complete and informative picture of cloud cover distribution than a synoptic map. The photographs, even for a region with a dense network of meteorological stations, make it possible to refine the distribution of cloud cover over the earth's surface. 2. In some cases data on the radiation balance can be used to aid interpretation of satellite observations. Orig. art. has: 3 figures and 1 table. [JPRS]

SUB CODE: 04, 22, 14 / SUBM DATE: 23Apr65

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

L 14993-66 EWT(m)/EWP(w)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/ETC(m)-6

ACC NR: AP5028569 (N) SOURCE CODE: UR/0126/65/020/005/0788/0790

IJP(c) MJW/JD/HW/JG/WB/EM/MJW(CL)

AUTHOR: Zemskov, G. V.; Koriev, V. N.; Kogan, R. L.; Dombrovskaya, Ye. V.; Kostenko, A. V.

ORG: Odessa Polytechnic Institute (Odesskiy politekhnicheskiy institut); Ural gosuniversitet im. A. M. Gor'kiy (Ural'skiy gosuniversitet)

TITLE: Oxidation of nickel alloys in atmospheres containing sulfur

SOURCE: Fizika metallov i metallovedeniye, v. 20, no. 5, 1965, 788-790

TOPIC TAGS: nickel alloy, metal oxidation, metal surface, metal scaling, metallographic examination, x ray analysis

ABSTRACT: The effect of oxidation of ZhC6-K nickel alloy in sulfur atmospheres was studied. It had been previously observed that in such environments the heat resistance of nickel decreased as a result of the formation of nickel sulfides with low melting points; in addition, these sulfides form eutectics with nickel and its oxides. Chromium is known to retard this sulfide formation but does not prevent it. For the experiments, samples were cut from turbine blades which had operated for

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L 14993-66

ACC NR: AP5028569

3

various periods at temperatures of 800-900°C in an atmosphere containing gaseous sulfur. Metallographic, x-ray and chemical analysis were performed. The scale was removed from the blades and cylindrical powder samples were made for the x-ray study in which $K_{\alpha,\beta}$ Cr radiation was used. The nickel content was determined by the weight method while the sulfur content was established by the iodometric method. A microstructure of the base metal and of the blades in which the surfaces of the blades revealed scale formation is shown. Lowered microhardness was the result of alloying elements diffusing out to the grain boundaries. Chemical analysis of the layer showed a 1% sulfur content. The x-ray analysis of the layer showed it to have a crystal lattice of the NiO type and a phase of the spinel type. The mechanism for the formation of oxide layers in sulfur containing atmospheres was proposed for the alloy ZhC6-K. The spinel phase is formed from the following reaction:

$$NiO + Cr_2O_3 = NiCr_2O_4.$$

This phase can also alloy with other elements in the metal. Once the full scale forms, internal oxidation occurs. The oxygen diffuses faster along the grain boundaries and forms Cr_2O_3 due to the greater affinity of Cr for oxygen. In the

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L 14993-66

ACC NR: AP5028569

center of the grain the Cr content becomes depleted, and the remaining nickel is left to form NiO. The solution of sulfur in the NiO lattice contributes to the increased oxidation of the alloy since the sulfur intensifies the reaction. The scale structure finally becomes that of NiO with sulfur dissolved within and the spinel $NiCr_2O_4$. Orig. art. has: 3 figures.

SUB CODE: 11,20/ SUBM DATE: 19Jan65/ ORIG REF: 003/ OTH REF: 002

Card 3/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

1.1800 1521, 1454, 1045

29464
S/137/61/000/008/018/037
A060/A101

AUTHORS: Zemskov, G. V., Dombrovskaya, Ye. V., Grishina, N. V.

TITLE: High-temperature cyaniding in sintered mixtures

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1961, 44, abstract 8D296 ("Nauchn. zap. Odessk. politekhn. in-ta". 1960, 26, 31-37)

TEXT: The influence was studied of N upon the process of cementation at temperatures of 950 - 1,050°C which are now being introduced into industry for the sake of intensifying the process and raising the productivity of thermal furnaces. The cementation was carried out in a fresh peaty carburizer and in a carburizer with an addition of 13 and 25% of red potassium ferrocyanide $K_3Fe(CN)_6$ at temperatures of 900, 950, 1,000, and 1,050°C for periods of 0.5; 1; 2; 3 hours. In order to ascertain the influence of diffusion counterflows of C and C + N upon the depth of the layer, the cementation of hollow conical specimens of steel 3 was carried out. On the basis of the results of the microstructure analysis it is concluded that at high-temperature cementation N accelerates the diffusion of C, while the nitrogen-containing addition of $K_3Fe(CN)_6$ to the sintered carburizer favors an increase in the depth of eutectoidal layer; its higher

Card 1/2

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

29464
S/137/61/000/008/018/037
A060/A101

High-temperature cyaniding in sintered mixtures

content increases the depth of the transeutectoidal zone. Under simultaneous diffusion of C + N the diffusion of C is accelerated independently of the direction of the diffusion front (both on the inner and outer surfaces). Under simultaneous diffusion of N + C the acceleration of the C diffusion occurs due to the activation of the sintered carburizer on account of the formation of a CN compound. The raising of the cementation temperature from 900 to 1,000 and 1,050°C while maintaining the soaking for 3 hours increases the depth of the cementation layer by a factor of 2 - 3.5. There are 14 references.

A. Babayeva

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

20261

18.7530 1145 also 1454, 1573

S/129/61/000/003/007/011
E073/E335

AUTHORS: Zemskov, G.V., Gushchin, L.K., Dombrovskaya, Ye.V., Parfenov, A.K. and Yarkina, V.T.

TITLE: Nitriding of Steel Under the Effect of Ultrasonics

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, 1961, No. 3, pp. 40 - 42

TEXT: The authors studied the nitriding of steel under the effect of ultrasonics in gaseous and liquid media. For the gas nitriding, steel 35ХЮА (35KhYuA) was used in the heat-treated state (H_{RC} = 28-30). Prior to nitriding the specimens were carefully degreased with alcohol. The ammonia was always fed into the furnace at 200 °C to prevent excitation. The degree of dissociation of the ammonia during nitriding (at 500 - 550 °C) equalled 40%. At the termination of the process the specimens were cooled to 200 °C in ammonia. The process was carried out with and without ultrasonics. Liquid nitriding was in a salt bath (calcium chloride 48%, barium chloride 31%, sodium chloride 21%) and ammonia was placed into it. The process was

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20261

Nitriding of Steel S/129/61/000/003/007/011
E073/E335

carried out at 550 - 560 °C with a holding time of 9 hours and an ammonia pressure of 330 - 360 mm oil column. The ultrasonics were produced by a 2.5 kW 18-35 kc/s tube oscillator and they were transmitted to the bath by a "Permendur" magnetostriction vibrator. The results were evaluated by measuring the hardness and the microhardness of the surface. Fig. 1 shows the influence of ultrasonics on the change of microhardness along the cross-section of a layer nitrided at 550 °C. H_μ versus distance from the surface (Curves 1 - without ultrasonics; Curve 2 - with ultrasonics). The plots, Fig. 1, from left to right, related to the nitriding times of 2, 4, 6, 8, 10 and 15 hours, respectively. The ultrasonics brought about an increase in hardness and depth of penetration of the nitrogen, ensuring a stable increase in the microhardness in the basic zone of the nitrided layer. For process durations of 6 hours and more, the microhardness of specimens treated with ultrasonics was appreciably higher than that of those not treated. The use of ultrasonics enables reducing the duration of the process by a factor of 1.5. The change in the

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Nitriding of Steel S/129/61/000/003/007/011
E073/E335

microhardness brought about by liquid nitriding using ultrasonics (Curve 1) and without using ultrasonics (Curve 2) is plotted in Fig. 3 (hardness, H_μ versus distance from the surface). As a result of ultrasonics treatment the depth and hardness of the diffusion layer are increased. There are 3 figures.

ASSOCIATION: Odesskiy politekhnicheskiy institut (Odessa Polytechnical Institute)

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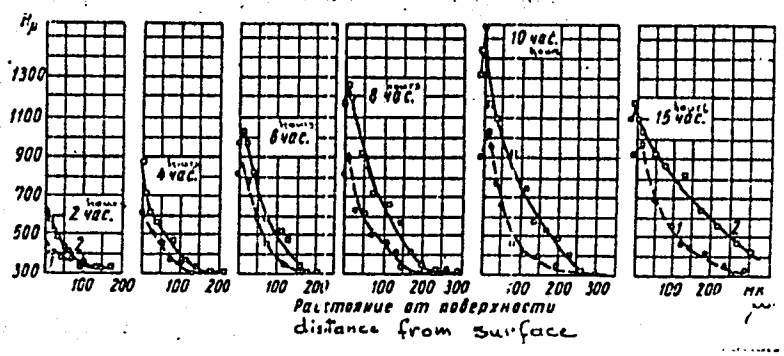
Nitriding of Steel ....

S/129/61/000/003/007/011
E073/E335

Fig. 1:



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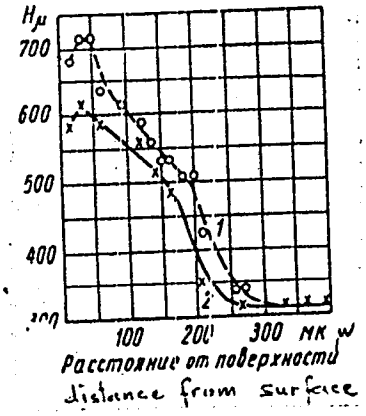
E073/E335

Nitriding of Steel ....

Fig. 3:



Card 5/5

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

S/123/62/000/019/002/010
A006/A101

AUTHORS: Gushchin L. K., Dombrovskaya, Ye. V., Zemskov, G. V., Parfenov, A. K., Yarkina, V. T.

TITLE: Gas nitriding with ultrasonic effect

PERIODICAL: Referativnyy zhurnal, Mashinostroyenie, no. 19, 1962, 25, abstract 19B134 ("Nauchn. zap. Odessk. politekhn. in-t", 1961, 35, 25 - 31)

TEXT: The authors studied the effect of ultrasonic waves upon the depth of the layer, structure, hardness on the surface, and distribution of hardness across the layer in gas nitriding at 500 and 550°C, 60 mm water col. gas pressure at a 40% degree of gas dissociation, and holding for 2, 4, 6, 8, 10 and 15 hours. The investigations were made with improved 35 ХЮА (35KhYuA) steel specimens with HCR=28 - 30. For comparison the process was conducted in two ways: with ultrasonic oscillations of 18 - 20 kilocycle frequency and without them. An analysis of experimental results, obtained by investigating the structure, layer depth, determination of hardness according to Vikkers, and microhardness on the surface and across the layer, has shown that ultrasonic waves

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A006/A101

Gas nitriding with ultrasonic effect

increase the hardness across the layer, penetration depth of nitrogen, and microhardness of the base zone of the nitrided layer. The time of nitriding process with ultrasound is reduced 1.5 times as compared with nitriding without ultrasonic effect. There are 5 figures.

T. Kislyakova

[Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

S/194/62/000/012/060/101
D295/D308

AUTHORS: Zemskov, G. V., Dombrovskaya, Ye. V., Yarkina, V. T., Gushchin, L. K. and Parfenov, A. K.

TITLE: The influence of ultrasound on the nitriding process

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 15, abstract 12-5-29 sh (Nauchn. zap. Odessk. politekhn. in-t, 35, 1961, 90-96)

TEXT: Experiments were carried out to study liquid nitriding in a salt bath through which ammonia was passed. Samples of 35ХЮА (35KhYuA) steel cylinders of 20 mm diameter and 10 mm height were subjected to nitriding. The temperature of the process was 550°C and the frequency of ultrasonic irradiation 18 - 35 kc/s. Gaseous nitriding experiments were carried out in an electric oven with ammonia at a pressure of 45 - 55 mm oil column; the samples were screwed into a concentrator. The data obtained show that the use of ultrasonic treatment enables the duration of the process to be reduced by a factor of 1.5. The hardness of the nitrided layer and

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The influence of ultrasound ... S/194/62/000/012/060/101
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its depth are increased. A comparison of liquid and gaseous nitriding shows that the latter is more promising from the viewpoint of the quaility of the hardened layer. 9 references. [Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

S/123/62/000/018/009/012
A006/A101

AUTHORS: Zemskov, G. V., Dombrovskaya, Ye. V., Yarkina, V. T., Gushchin, L. K., Parfenov, A. K.

TITLE: The effect of ultrasonic waves upon the nitriding process

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 18, 1962, 17, abstract 18B107 ("Nauchn. zap. Odessk. politekhn. in-t", 1961, 35, 90 - 96)

TEXT: Investigations were made in liquid and gas medium. The nitriding bath was melted in a X18H9 (Kh18N9) steel crucible and was composed of 31% barium chloride, 48% calcium chloride and 21% sodium chloride. Ammonia was passed through the liquid bath to which ultrasonic oscillations were applied. Microhardness was measured over the section of a layer obtained in liquid nitriding with and without ultrasonic oscillations. Gas nitriding was performed in a special-designed electric furnace (its schematic diagram is presented) under the following conditions: temperature - 540 - 560°C; holding time - 10 hours; gas pressure in the furnace 45 - 55 mm oil column. After completed holding the

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ultrasonic oscillator was switched off. Cooling down to 400°C was performed during ammonia supply; and down to room temperature - together with the furnace. The schematic diagram of the furnace and curves of microhardness distribution over the cross section of the specimen after nitriding, are given. The results of gas and liquid nitriding were compared and showed the advantage of gas nitriding, yielding higher hardness and deeper penetration. The depth of the nitrided layer and hardness increase under the ultrasonic effect both for liquid and gaseous media.

T. Kislyakova

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

S/810/62/000/000/006/013

AUTHORS: Zemskov, G. V., Gushchin, L. K., Dombrovskaya, Ye. V., Parfenov, A. K., Yarkina, V. T.

TITLE: The nitriding of steel under ultrasonic action

SOURCE: Metallovedeniye i termicheskaya obrabotka; materialy konferentsii po metallovedeniyu i termicheskoy obrabotke, sost. v g. Odesse v 1960 g. Moscow, Metallurgizdat, 1962, 211-214.

TEXT: The paper reports the results of an experimental investigation intended to clarify the generally contradictory statements of various antecedent authors, both Soviet and Western, on the existence of presumably accelerating effect of ultrasonic (US) vibrations (V) on solid liquid carburization and nitriding. Specimens of steel 35XЮA (35KhYuA), 60 mm long, were threaded at one end for attachment to the test equipment. The steel had been previously refined, and a sorbitic structure with R_C 28-30 had been obtained. Ammonia (AM) was fed into the furnace, beginning at 100°. At nitriding temperature (T), the AM was about 40% dissociated, at a pressure of 60 mm oil column. After holding, the specimen was cooled to 200° in the furnace in an AM medium. Nitriding T was 500 and 550°, holding time 2, 4, 6, 8, 10, and 15 hrs with and without US exposure. Liquid

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The nitriding of steel under ultrasonic action. S/810/62/000/000/006/013

nitriding was done in a bath containing 31% $BaCl_2$, 48% $CaCl_2$, and 21% NaCl, through which AM was passed and into which US vibrations were entered by means of a concentrator. Liquid-nitriding T was 550-560°, holding time 9 hrs at an ammonia pressure of 330-360 mm oil column. Intensive "boiling" of the bath was observed. An electron-tube generator with an output power of 2.5 kw and a frequency range from 18-35 kcps was employed as a source of US V. Graphed microhardness cross-sections across the layer affected show the favorable effect of US V in increasing hardness, increasing the depth of the penetration of N, and also in the attainment of a more uniform microhardness throughout the nitrided layer, especially for holding times in excess of 6 hrs. Application of US V permits a 40% reduction in process duration. The favorable effect of US V is attributed to the periodic change of the lattice parameters and the increase in the mean-square amplitude in the thermal oscillations of the ions in the lattice points of the crystalline lattice as a result of the local increase in temperature. In interstitial solid solutions the imposition of US V renders the phase coincidence between the N ions and the nearest Fe ions more likely and more frequent, and hence expedites the nitriding process. The US V also eliminate the reaction products from the metal surface and assure a continuous supply of fresh portions of gas, which also increases the time rate of the chemical processes and the dissolution process, and, hence, increases the N concentration in the surface layer. The US formation of ultra-

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The nitriding of steel under ultrasonic action. S/810/62/000/000/006/013

microscopic pores in the metal also facilitates the adsorption accompanying the diffusion of surface-active elements. There are 4 figures and 7 references (1 Russian-language Soviet, 3 French, 2 German, and 1 English-language: Heedeman, E., J. Acoust. Soc. Am., v.26, no.5, 1954, 831-842).

ASSOCIATION: Odesskiy politekhnicheskiy institut (Odessa Polytechnical Institute).

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

ACCESSION NR: AP4010077 S/0129/64/000/001/0052/0055

AUTHOR: Kemskov, G. V.; Dombrovskaya, Ye. V.; Yarkina, V. T.; Gushchin, L. K.; Parfenov, A. K.

TITLE: Intensified nitration by the use of ultrasonics

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 1, 1964, 52-55

TOPIC TAGS: gas nitration, steel nitration, microhardness, ultrasonic reflection, ultrasonic oscillation, picric acid, nitric acid, magnetostrictor, ammonia

ABSTRACT: An investigation to determine the effect of ultrasonic oscillations on gas nitration of steel revealed that ultrasonic waves increase the depth of the resultant nitride and improve the quality of microhardness. The reflection of the ultrasonic from solid and gas media, however, made its use in combination with gas nitration uneconomical. A further study has therefore been made on the effect of ultrasonics on the nitration process in a liquid medium using a device

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ACCESSION NR: AP4010077

shown in the enclosure. The results of the experiments and the information available in literature justify the belief that the liquid nitration process is more effective where a gas phase is absent, and the substance containing the diffused element is in direct contact with the sample. Under such conditions the dissociation reaction will occur on the metal surface. Ultrasonics is found to accelerate the liquid nitration process in a neutral bath through which ammonia is passed. The nitrogen diffusion in a liquid medium is facilitated apparently by the great pressure produced as the cavitation bubbles are shut-in near the surface of the processed metal. Orig. art. has: 4 figures.

ASSOCIATION: Odesskiy polytekhnicheskiy institut (Odessa Polytechnical Institute)

SUBMITTED: 00 DATE ACQ: 07Feb64 ENCL: 01

SUB CODE: ML, CH NO REF SOV: 002 OTHER: 000

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

L 44022-66 EWT(m)/T/EWP(t)/ EWP(c) ID/HW/JG/WB/JH

ACC NR: AP6030864 SOURCE CODE: UR/0365/66/002/005/0576/0580

AUTHOR: Zemskov, G. V.; Kogan, R. L.; Dombrovskaya, Ye. V.; Kostenko, A. V.; Shevchenko, I. M.; Koss, Ye. V.; Fadeyeva, E. V.; Khmelevskaya, M. Ye.; Mikotina, N. F.

ORG: Odessa Polytechnical Institute (Odesskiy politekhnicheskiy institut)

TITLE: Protective diffusion coatings of nickel alloy

SOURCE: Zashchita metallov, v. 2, no. 5, 1966, 576-580

TOPIC TAGS: nickel alloy, chromium alloy, aluminum containing alloy, titanium containing alloy, tungsten containing alloy, ~~alloy~~ protective coating, ~~alloy~~ corrosion resistance, diffusion coating alloy, alloy oxidation resistance/ZhS6-K alloy

ABSTRACT: A series of diffusion coatings were tested for protection of ZhS6-K nickel-base alloy (0.13—0.20% carbon, 10.5—12.5% chromium, 5—6% aluminum, 2.5—3% titanium, 2.5—3% tungsten, 4.5—5.5% molybdenum, 0.13—0.20% boron) against gas corrosion in a mixture of products of sulfurous fuel combustion and sea water vapors after all attempts to improve alloy oxidation resistance by alloying failed. Alloy specimens were diffusion coated with one or two elements used simultaneously or one after the other. The coating was done by a pack cementation at 900—1000C for 10 hr. Chromium, aluminum, silicon, titanium, boron, cerium, beryllium and magnesium were used as single-element coatings. Chromium with titanium, silicon, aluminum, or boron; aluminum with boron, cerium, or titanium; titanium with silicon or boron; manganese with boron;

Card 1/4 UDC: 621.793.4

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ACC NR: AP6030864

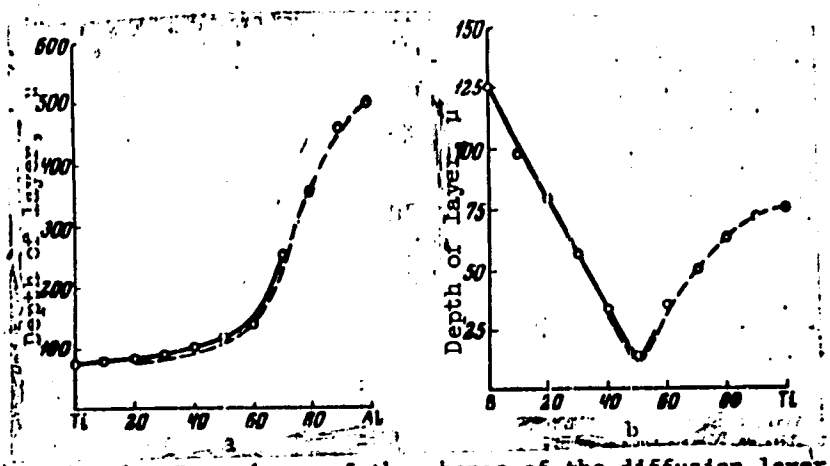

Fig. 1. Dependence of the change of the diffusion layer depth upon the content of elements in the mixture

a - Aluminum-silicon impregnation; b - boron-titanium impregnation.

a

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ACC NR: AP6030854

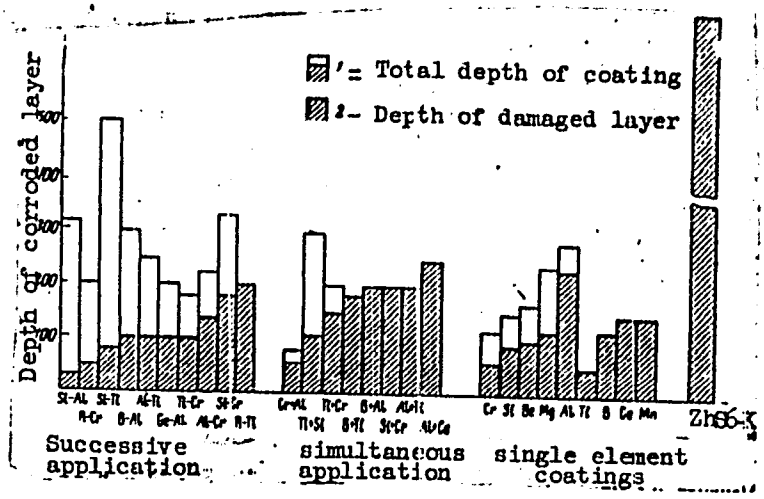

Fig. 2. Depth of corrosion in coated and uncoated ZhS6-K alloy.

cerium with boron; and silicon with aluminum were used for binary coatings. Corrosion tests were done in combustion products containing 0.74% and 0.11% sea water at 900C for 15 hr. It was found that all the coatings tested have a higher corrosion resistance than the uncoated alloy (see Fig. 1). Binary coatings protect the alloy more efficiently than single-element coatings, especially with the consecutive method of

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ACC NR: AP6030864

application. Coatings obtained by this method have a higher concentration of elements and a more uniform structure of the surface layer than the coatings applied by other methods. Orig. art. has: 5 figures. [ND]

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Card 4/4

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L 38440-66 EWT(m)/EWP(e)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6024528 SOURCE CODE: UR/0148/66/000/007/0138/0142

AUTHOR: Zemskov, G. V.; Dombrovskaya, Ye. V.; Kogan, R. L.; Shevchenko, I. M.

ORG: Odessa Polytechnic Institute (Odesskiy politekhnicheskiy institut)

TITLE: Cementation with boron and titanium

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1966, 138-142

TOPIC TAGS: nickel alloy, heat resistant alloy, boron, titanium, alloy boronizing, alloy titanizing, alloy diffusion coating, iron, iron diffusion coating, metal diffusion, alloy composition, metal coating/ ZhS6-K heat resistant alloy

ABSTRACT: The structure of diffusion layers in ZhS6-K heat-resistant alloy and commercial-grade iron, obtained by pack cementation at 900—1050C in mixtures of boron and titanium, or boron carbide and borax, or in titanium alone, has been investigated. The thickness, composition, and microhardness of diffusion layers produced in mixtures of titanium and boron varied widely depending on the boron titanium ratio in the mixture (see Fig. 1). In mixtures containing 37—57% titanium for ZhS6-K alloy or 37% titanium for iron, the diffusion rate of boron and titanium is roughly the same. The diffusion layer in ZhS6-K alloy produced in a 50—50 mixture of boron and titanium consisted of a solid solution of boron and titanium in nickel with inclusions of titanium boride on the very surface and at the metal-diffusion layer interface.

Card 1/2 UDC: 669.14.018.45:669.781:669.295:621.785.53

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L 38440-66

ACC NR: AP6024528

The diffusion layer in iron consisted of a solid solution of titanium in iron with inclusions of iron titanides and iron borides. The diffusion layer in ZhS6-K alloy obtained in the mixture of boron carbide and borax consisted of a homogeneous surface zone containing nickel boride having a microhardness of 1300 kg/mm^2 and an inner zone containing a nickel-base solid solution with inclusions of intermetallic compounds. The microhardness of this zone was 600—800 kg/mm^2. The inward diffusion of boron is accompanied by the outward diffusion of the alloy components. The diffusion layer produced by cementation in titanium consisted of three zones. The outer zone had a high content of intermetallic compounds and a microhardness of 700—800 kg/mm^2. The middle and inner zones consisted of nickel-base solid solutions. Subsequent cementation of boronized alloy in titanium produced a three-zone diffusion layer with an outer zone having a thickness of 40 μ and a microhardness of 1890 kg/mm^2. The subsequent boronizing of titanized alloy produced no changes in the structure of the diffusion layer. Orig art. has: 6 figures. [DV]

SUB CODE: 11, 13/ SUBM DATE: 18Jan65/ OTH REF: 002/ ATD PRESS: 5042

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PROCESSES AND PROPERTIES INDEX

OX

11G

Vitamin C in pneumonia in children. Effect of vitamin C on the pneumonia factor and the immunobiological state of the organism in pneumonia. Yu. F. Dombrovskaya. *Pediatriya* 1944, No. 2, 21-5.—Ascorbic acid does not affect the virulence of pneumococcus, but apparently protects the organism from septicemia, both by bacteriostatic action and by raising the immunity of the host.

G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, YU. F. Md., Children's Clinic, 1st Moscow Med. Inst.,-c1948-.

Dombrovskaya, Yu. F. "Functional pathology of disturbances of feeding conditions in children," Trudy VI Vsesoyuz. s'yezda dot. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 52-58

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

Acad. Med. Sci. (Mbr., Sci. Council, Central Order Labor Red Banner Inst. Pediatrics, Dept. Clinical Med.-1948-; Mbr,, Inst. Pharmacology, Toxicology & Chemotherapy, Dept. M Medico-Biol. Sci.,-1946-; Mbr., Bur., Dept. Clinical Med.,-1947-; Sanitarium Health Resort Comm.,-1947-).

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DOMBROVSKAYA, YU. F.

USSR/Medicine - Literature, Medical Mar/Apr 49
Medicine - Nursing

"New Books Published by Medgiz" 1 p

"Pediatriya" No 2

PA 41/49T85

Lists following books: Yu. F. Dombrovskaya's "Pneumonia in Young Children," B. A. Arkhangel'skiy and G. N. Speranskiy's "Mother and Daughter," and Ye. E. Tsoppi's "The Work of Nurses in Children's Institutions." Also includes "Guide for Physicians Serving in Nurseries and Children's Homes," edited by Kovriginaya, and "Work of the Sixth All-Union Congress of Pediatricians,

LC

41/49T85

USSR/Medicine - Literature, Medical (Contd) Mar/Apr 49

Dedicated to the Memory of Professor N. F. Filatov," edited by Prof G. N. Speranskiy.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, YU. F. PROF

USSR/Medicine - Societies, Medical May/Jun 49
Medicine - Pediatricians

"Minutes of Two Conferences of the Moscow Society of Pediatricians" 2½ pp

"Pediatriya" No 3

First conference, attended by 250 with Prof S. O. Dulitskiy presiding, was held 12 Jan 49. Discussed report by G. N. Speranskiy, Active Mem, Acad Med Sci, on activities of the periodical "Pediatriya" for last 27 years. Members then stressed the need for research on influenza and helminthology. M. B. Tsuker, reporting on "The Clinical Symirome of Infantile Rheumatic Diseases of the Nervous System," classified this new syndrome as rheumatic encephalitis, and Prof Dulitskiy urged continuance of the work. Second conference, attended by 350 with Prof Yu. F. Dombrovskaya, Corr Mem, Acad Sci USSR, Presiding, was held 16 Feb 49. Discussion of Hepatitis revealed that 10% of cases were young children whose mortality rate from this disease was 2½ times greater than that of older children.

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DOMBROVSKAYA U.F.

Pediatric significance of Pavlov's contribution to the study of digestion. Pediatriia, Moskva no.2:3-10 Mr-Ap '50. (CLML 19:2)

1. Corresponding Member of the Academy of Medical Sciences.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., redaktor

[Problems in pediatrics] Voprosy pediatrii. Moskva, 1951. 243 p. (MLRA 10:8)

1. Akademiya m editsinskikh nauk SSSR, Moscow. Institut pediatrii
(CHILDREN--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F.

Pathogenesis of intestinal toxicoses in children according to Pavlovian theory. Pediatriia, Moskva No.6:7-13 Nov-Dec 51. (CIML 21:4)

1. Professor, Corresponding Member of the Academy of Medical Sciences USSR.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

LOZINOVSKAYA, Iu. F.

Pnevmonii rannego detskogo vozrasta [Pneumonia in infancy]. Kod. 2-e, pererabot. i dop. Moskva, Medgiz, 1952. 179 p. (B-ka prakt. vracha).

SO: Monthly List of Russian Accessions, Vol 7, No 4, July 1954.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

1. DOMBROVSKAYA, YU. F., Prof.

2. USSR 600

4. Pediatrics - Moscow

7. Development of the N. F. Filatov's theories in the work of the pediatric clinic of the First Moscow Lenin Medical Institute in the course of 50 years, Pediatriia, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DILIGENSKAYA, L.A., kandidat meditsinskikh nauk; DOMBROVSKAYA, Yu.F., chlen-korrespondent Akademii meditsinskikh nauk, zaveduyushchaya kafedroy detskikh bolezney; KRUZHKOV, V.A., dotsent, glavnyy vrach.

Characteristic of cardiovascular disorders in scarlet fever. Pediatriia no.2:14-16 Mr-Ap '53. (MLRA 6:5)

1. Infektsionnoye otdeleniye kafedry detskikh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta na baze detskoy bol'nitsy imeni I.V. Rusakova (for Dombrovskaya). 2. Detskaya bol'nitsa imeni I.V. Rusakova (for Kruzhkov). 3. Akademiya meditsinskikh nauk (for Dombrovskaya).
(Scarlatina) (Cardiovascular system--Diseases)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

KREKHMER, E.A.; DOMBROVSKAYA, Yu.F., chlen-korrespondent Akademii meditsinskikh nauk SSSR, zaveduyashchaya kafedroy detskikh bolezney.

Hemorrhagic syndrome in epidemic hepatitis in infants. Pediatriia no.2: 36-40 Mr-Ap '53. (MLRA 6:5)

1. Detskaya klinika I Moskovskogo ordena Lenina meditsinskogo instituta (for Krechmer). 2. Kafedra detskikh bolezney Detskoy kliniki I Moskovskogo ordena Lenina meditsinskogo instituta (for Dombrovskaya). 3. Akademiya meditsinskikh nauk SSSR (for Dombrovskaya). (Liver--Diseases)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, predsedatel'; TITOVA, O.A., sekretar'.

Moscow Society of Pediatricians. Session of October 1, 1952. Pediatriia no.2:77 Mr-Ap '53. (MIRA 6:5)

1. Moskovskoye obshchestvo detskikh vrachey. 2. Akademiya meditsinskikh nauk SSSR (for Dombrovskaya). (Pediatrics)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.Yu., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, predsedatel'; SHAPIRO, S.L., sekretar'.

Moscow Society of Pediatricians. Session of November 19, 1952. Pediatriia no.2:78 Mr-Ap '53. (MLRA 6:5)

1. Moskovskoye obshchestvo detskikh vrachey. 2. Akademiya meditsinskikh nauk SSSR (for Dombrovskaya). (Pediatrics) (Tonsils--Diseases)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F.

SAVEL'YEVA, Ye.; MONASTYRNVA, M.; ORLOVA, G.; KUZNEYEV, A.; FUFLYGINA, T.; LASKINA, V., studenty VI kursa; KOVALEVA, Ye.V., dotsent; DOMBROVSKAYA, Yu.F., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, zaveduyushchaya kafedroy.

Effect of external environment factors on the course of rheumatism in children. Pediatriia no.4:40-41 Jl-Ag '53. (MLRA 6:9)

1. Nauchnyy studencheskiy krushok pri kafedre detskikh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta. 2. Akademiya meditsinskikh nauk SSSR (for Dombrovskaya). (Rheumatism)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

MARETSKAYA, M.F.; BAYADINA, S.A.; GARELIK, O.S.; BONDARENKO, T.V.; SHISHOVA, Ye.M.; DOMBROVSKAYA, Yu.F., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor; FEFER, F.I., glavnyy vrach; GEYSHINA, R.V., zaveduyushchiy.

Pneumonia in infants. Sov.med. 17 no.7:30-32 Jl '53. (MLRA 6:8)

1. Klinika detskikh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta (for Dombrovskaya). 2. Akademiya meditsinskikh nauk SSSR (for Dombrovskaya). 3. Detskaya bol'nitsa Frunzenskogo rayona (for Fefer). 4. Detskoye otdeleniye polikliniki No. 56 (for Geyshina). (Pneumonia)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, YU. F.

Pneumonia in young children and its prevention. Moskva, Medgiz, 1954. 17 p. (Nauchno-populiarnaia meditsinskaia literatura)

1. Pneumonia - Prevention.
2. Children - Diseases.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu. F.

DOMBROVSKAYA, Yu.F., professor; YELIZAROVA, O.N., redaktor; SACHEVA, A.I., tekhnicheskiy redaktor.

[Advice for the young mother] Sovety molodoi materi. Moskva, Medgiz, 1954. 61 p. (MLRA 7:8)

(Infants--Care and hygiene)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., professor

Treatment of pneumonia in infants. Pediatriia no.2:3-11 Mr-Ap '54. (MLRA 7:6)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (PNEUMONIA, in infant and child, *ther.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., professor; KOVALEVA, Ye.V., kandidat meditsinskikh nauk

Honored Scientist Professor Vasilii Ivanovich Molchanov, active member of the Academy of Medical Sciences of the U.S.S.R.; on the 85th anniversary of his birth. Pediatriia no.4:85-87 Jl-Ag '54. (MLRA 7:10)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Dombrovskaya)

(MOLCHANOV, VASILII IVANOVICH, 1894-)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yuliya Fominichna

[Pneumonia in young children] Vospalenie legkikh u detei rannego vozrasta. Moskva, Medgiz, 1955. 12 p. (MIRA 13:5)
(PNEUMONIA)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu. F.

[Pneumonia in infants] Pnevmonii rannego detskogo vozrasta. Izd. 3-e. Moskva, Medgiz, 1955. 188 p. (MLRA 9:4)
(INFANTS--DISEASES) (PNEUMONIA)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., professor.

Hardening the child. Zdorov'e 1 no.5:17-18 My '55. (MLRA 9:3)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(CHILDREN--CARE AND HYGIENE)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu. F., professor

Pathogenetic basis for the treatment and prevention of acute and chronic diseases of respiratory organs in children. Pediatriia 39 no.1:3-10 Ja-F '56. (MLRA 10:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(RESPIRATORY TRACT, dis.
in child., ther. & prev.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., professor; VISHNEVSKIY, A.A., professor; DAMIR, A.M., professor

"Congenital heart defects; pathology, clinical aspects, surgical treatment." A.N.Bakulev, E.N.Meshalkin. Reviewed by IU.F.Dombrovskaia, A.A.Vishnevskii, A.M.Damir. Vest.khir. 77 no.9:143-144 S '56. (MLRA 9:11)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-korrespondent AMN SSSR (for Vishnevskiy)

(HEART—DISEASES AND DEFECTS)
(BAKULEV, A.N.)
(MESHALKIN, E.N.)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu. F

DOMBROVSKAYA, Yu. F.

[Diseases of respiratory organs in children] Zabolevaniia organov dykhaniia u detei. Moskva, Medgiz, 1957. 346 p. (MIRA 11:1)
(RESPIRATORY ORGANS--DISEASES) (CHILDREN--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F.

Pulmonary heart in children. Pediatriia no.9:3-11 S '57. (MIRA 10:12)

1. Deystvitel'nyy chlen AMN SSSR.
(HEART--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu. F.

DOMBROVSKAYA, Yu.F.

Achievements of Russian pediatrics in the treatment of respiratory diseases in 40 years. Pediatriia no.10:59-65 O '57. (MIRA 11:2)

1. Deystvitel'nyy chlen AMN SSSR
(RESPIRATORY ORGANS--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Outstanding pediatrician. Zdorov'e 4 no.12:8 D'58 (MIRA 11:12)

1. Deystvitel'nyy chlen AMN SSSR.
(FILATOV, NIL FEDOROVICH, 1847-1902)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Ninth National Congress of Czechoslovak Pediatricians. Pediatriia 36 no.4:91-94 Ap'58 (MIRA 11:5)
(BRNO, CZECHOSLOVAKIA--PEDIATRICS--CONGRESSES)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof., red.; DMITRIYEVA, N.M., red.; ZAKHAROVA, A.I., tekhn.red.

[Cardiovascular pathology in diseases of the organs of respiration and in rheumatism of children] Serdechno-sosudistaia patologiia pri zabolevaniiakh organov dykhaniia i revmatizme u detei. Pod red. IU.F.Dombrovskoi. Moskva, Gos.izd-vo med.lit-ry, 1959. 241 p. (MIRA 12:4)

1. Moscow. Pervyy Moskovskiy meditsinskiy institut. 2. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya).
(CARDIOVASCULAR SYSTEM--DISEASES)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMEROVSKAYA, Yu. F. (Dr.)

"A Report of an Epidemic of Grippe in Infants in the Clinic Infantile Diseases."

report presented at the 9th Intl. Congress of Pediatrics, Montreal Canada, 19-25 July 1959.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.; VAL'TER, Ye.M., kand.med.nauk; CHECHULIN, A.S., kand.med.nauk; DOMBROVSKIY, A.N., kand.med.nauk; ROGOV, A.A., kand. med.nauk

Age factor in the reactivity of the organism to hypoxemic states; parallel clinical and experimental findings. Vest.AMN SSSR 14 no.3: 18-29 '59. (MIRA 12:3)

(ANOXIA, effects,
age factor in animal & human reactions (Rus))
(AGING, effects,
on animal & human reactions to anoxia (Rus))

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof. (Moskva)

Tasks and role of pediatrics in the further reduction of child morbidity and mortality in the coming 7 years. Sov.zdrav. 18 no.6:3-7 '59. (MIRA 12:3)

1. Deystvitel'nyy chlen AMN SSSR.
(PEDIATRICS
in Russia, projected tasks (Rus))

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Life and career of Professor Vasilii Ivanovich Molchanov, active member of the U.S.S.R. Academy of Medical Sciences and honored scientist. Pediatriia 37 no.1:3-4 Ja '59. (MIRA 12:1)

1. Deystvitel'nyy chlen AMN SSSR.
(BIOGRAPHIES
Molchanov, Vasilii I. (Rus))
(PEDIATRICS
contribution of Vasilii I. Molchanov (Rus))

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Effective use of antibiotics in pediatrics [with summary in English. Pediatriia 37 no.1:5-15 Ja '59. (MIRA 12:1)

1. Deystvitel'nyy chlen AMN SSSR.
(ANTIBIOTICS, ther. use
pediatric dis. (Rus))
(PEDIATRIC DISEASES, theor.
antibiotics (Rus))

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

MOLCHANOV, Vasiliy Ivanovich; DOMBROVSKAYA, Yuliya Fominichna, red.

[Propedeutics of children's diseases] Propedevtika detskikh bolezneĭ. Izd.4., perer. Moskva, Medgiz, 1960. 314 p. (MIRA 13:12)
(PEDIATRICS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

TIMAKOV, V.D., otv. red.; ALEKSANYAN, A.B., prof., red.; ARUTYUNYAN, L.B., prof., red.; DOMBROVSKAYA, Yu.F., prof., red.; ZHUKOVSKIY, M.A., starshiy nauchnyy sotr., red.; KHRIMIYAN, A.I., red.; GABERLAND, M.I., tekhn. red.

[Transactions of a session of the Academy of Medical Sciences in Erivan, October 12-14, 1959] Trudy nauchnoi sessii Akademii meditsinskikh nauk SSSR v Erevane 12-14 oktiabria 1959 g. Redkollegiia: V.D. Timakov i dr. Moskva, Medgiz, 1960. 191 p. (MIRA 15:1)

1. Akademiya meditsinskikh nauk SSSR. Moscow. 2. Vitse-prezident Akademii meditsinskikh nauk (for Timakov). 3. Deystvitel'nyy chlen Akademii meditsinskikh nauk (for Aleksanyan, Dombrovskaya).
(ARMENIA—PEDIATRICS)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Lung inflammation in the small child. Zdorov'e 6 no. 11:12-14 N '60. (MIRA 13:10)

1. Deystvitel'nyy chlen AMN SSSR.
(LUNGS--INFLAMMATION)

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Ya. F.; VAL'TER, .M.; CHECHULIN, A.S.; DOMBROVSKIY, A.N.; ROGOV, A.A.

Role of the age factor in hypoxemic states. (Clinico-experimental studies). Acta med. hun. 15 no.1:99-115 '60.

1. Klinika detskikh bolezney i Tsentral'naya Nauchno-issledovatel'skaya Laboratoriya imeni S. I. Chechulina 1 Moskovskogo Ordena Lenina Meditsinskogo Instituta imeni I.M.Sechenova.

(ANOXIA)
(AGING)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yu.F., prof.

Significance of age reactivity and compensation in the pathogenesis, clinical aspects, and prevention of pneumonia in children. Vest. AMN SSSR 15 no.3:9-14 '60. (MIRA 14:5)

1. Moskovskiy ordena Lenina meditsinskiy institut imeni I.M.Sechenova. Deystvitel'nyy chlen AMN SSSR.
(PNEUMONIA)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKIYA, Yu.F.

Reactivity and compensation problems in the clinical course and cutcome of pneumonias in infancy. Pediatriia 38 no.11:3-10 N '60. (MIRA 13:12)

1. Deystvitel'nyy chlen AMN SSSR.
(PNEUMONIA in inf. & child)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

VASILENKO, V.Kh., otv. red.; VYGODCHIKOV, G.V., prof., zam. otv. red.; MOLCHANOV, N.S., prof., red.; DOMBROVSKAYA, Yu.F., prof., red.; KYSS, S.M., prof., red.; SHMELEV, N.A., prof., red.; STRUKOV, A.I., prof., red.; NOVIKOV, I.P., kand.med. nauk, red.; ZAKHAROVA, A.I., tekhn. red.

[Acute pneumonias; materials] Ostrye pnevmonii; [materialy]. Moskva, Medgiz, 1961. 198 p. (MIRA 15:7)

1. Nauchnaya sessiya otdeleniya klinicheskoy meditsiny Akademii meditsinskikh nauk SSSR, 1960.

(PNEUMONIA)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

DOMBROVSKAYA, Yuliya Fomichna. Prinimali uchastiye: CHECHULIN, A.S., kand. med. nauk; DOMBROVSKIY, A.N., nauchnyy sotr.; ROGOV, A.A., nauchnyy sotr.; DMITRIYEVA, N.M., red.; MIRONOVA, A.M., tekhn. red.

[Clinical aspects and pathogenesis of hypoxemia in the growing body; clinical experimental observations] Klinika i patogenez gipoksemii rastushchego organizma; kliniko-eksperimental'nye nabliudeniia. Pri uchastii A.S.Chechulina, A.N.Dombrovskogo i A.A.Rogova. Moskva, Medgiz, 1961. 254 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Dombrovskaya).

(ANOXEMIA)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3"

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000410910012-3

GOL'DFEL'D, A.Ya., doktor med. nauk; GINZBURG, Ye.Ya.; DULITSKIY, S.O., prof. [deceased]; IGNATOV, S.I., prof., KRAVETS, E.M., doktor med. nauk; LEPSKIY, Ye.M., prof. [deceased]; NEBYTOVA-LUK'YANCHIKOVA, M.N., prof.; SPERANSKIY, G.N.; TUR, A.F.; DOMBROVSKAYA, Yu.F., otv. red.; BUBNOVA, M.M., prof.; red.; VLASOV, V.A., prof., red.; GRECHISHNIKOVA, L.V., red.; LEBEDEV, D.D., prof., red.; MASLOV, M.S., red.[deceased]; NOGINA, O.P., kand. med.nauk, red.; NOSOV, S.D., prof., red.; SOKOLOVA-PONOMAREVA, O.D., red.; TERNOVSKIY, S.D., red. [deceased]; KHOKHOL, Ye.N., red.; ZHUKOVSKIY, M.A., starshiy nauchnyy sotr., red.; MAZURIN, A.V., kand. med. nauk, red.; ZAKHAROVA, A.I., tekhn. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po pediatrii. Moskva, Medgiz. Vol.2. 1961. 566 p. (MIRA 15:8)

1. Chlen-korrespondent Akademii nauk SSSR deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Speranskiy). 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Tur, Dombrovskaya, Maslov, Sokolova-Ponomareva). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Ternovskiy, Khokhol).
(PEDIATRICS)

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