"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTILO, L.Z.

Wheat

Measures for keeping winter wheat from freezing out. Sov.agron. 10 no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952/1953. Unclassified.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTILOV, V.N.

Compression equation. Lit. proizv. no.8:20-22 Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

UZAKOV, U. Ya. and MUTIN, M. I. (Post-graduate students, All-Union Scientific Research Institute of Veterinary Sanitation)

"Effect of chlorophos on animals"

Veterinariya, vol. 39, no. 7, July 1962 pp. 80

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTINA, Ye.S.

Function test of the diaphragm in cardiopulmonary insufficiency. Report No.1: Kymographic study of the diaphragm. Terap. arkh. 30 no.4:25-30 Ap '58. (MIRA 11:4)

1. Iz kafedry 4-y terapii (zav.-chlen-korrespondent AMN SSSR prof. P.I.Yegorov) TSentral'nogo instituta usovershenstvovaniya vrachey, 1-go terapevticheskogo otdeleniya (nauchnyy rukovoditel'-prof. A.L.Vil'kovyskiy) i rentgenologicheskogo otdeleniya (zav.-dots. S.A.Sviridov) TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.

(DIAPHRAGM, in var. dis.
pulm. heart dis., kymography (Rus)
(PULMONARY HEART DISEASE, physiology,
diaphragm kymography (Rus)
(KYMOGRAPHY,
diaphragm, in pulm. heart dis. (Rus)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTINA, Ye.S.; LIPGART, M.A.

Diaphragmatic function tests in cardiopulmonary insufficiency; parallel anatomical and roentgenological findings. Report No.2. Terap.arkh. 31 no.6:60-65 Je '59. (MIRA 12:9)

1. Iz 4-y kafedry terapii (zav. - chlen-korrespondent AMN SSSR prof.P.I.Yegorov) TSentral'nogo instituta usovershenstvovaniya vrachey, 1-go terapevticheskogo otdeleniya kliniki (nauchnyy rukovoditel' - prof.A.L.Vilkovyskiy), rentgenologicheskogo otdeleniya (zav. - dotsent S.A.Sviridov), patologoanatomicheskogo otdeleniya (zav. - Ye.S.Krylova) TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.

(PULMONARY HEART DISEASE, physiol.
diaphragm (Rus))
(DIAPHRAGM, in var. dis.
pulm. heart dis. (Rus))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTINA, Ye.S.

Functional study of the diaphragm in pulmonary-cardiac insufficiency; preliminary report. Nauch. rab. asp. i klin. ord. no.6:47-52 '60. (MIRA 14:12)

1. IV kafedra terapii (zav. chlen-korrespondent AMN SSSR prof. P.I. Yegorov) TSentral'nogo instituta usovershenstvovaniya vrachey.
(DIAPHRAGM) (PULMONARY HEART DISEASE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTINA, E.S.

Fungus diseases of the respiratory tract (Aspergillus bronchomycosis). Terap. arkh. 32 no. 6:71-75 Je '60. (MIRA 14:1)
(ASPERGILLUS) (BRONCHITIS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTINSKY, Jaroslav

Automatic machine for chain pin rolling. Stroj vyr 11 no.1:47 '63.

1. Kovotechna, n.p., Praha.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTIU, R.

Contributions to the paleontologic study of the Neocomian deposits in the western Mesozoic platform. Petrol si gaze 14 no.11:525-531 N '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

L 31724-66 EWP(k)/EWP(t)/[illegible]

ACC NR: AP6021201 SOURCE CODE: RU/0017/65/000/008/0430/0432

AUTHOR: Mutiu, T. (Engineer)

ORG: Institute of Construct[illegible], Bucharest (Institutul de Constructii)

28
B

TITLE: Centrifugal casting of mill rollers

SOURCE: Metalurgia, no. 8, [illegible], 430-432

TOPIC TAGS: metal rolling, metallurgic machinery

ABSTRACT: The author describes the centrifugal casting at the Metallurgical Enterprise of Aiud of large mill rollers for a siderurgical combine. The parameters used as well as the properties of the products are compared with those described in the literature for similar work done elsewhere. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001
SOV REF: 001

Card 1/1 UDC: 621.74.042:621.771.2-229.7

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTKIN, V.

Socialist competition in the TSivilsk Road-operating Administration. Avt.dor. 18 no.1:18 Ja-F '55. (MIRA 8:4)

1. Nachal'nik TSivil'skogo dorozhnogo uchastka.
(TSivil'sk--Road construction workes)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTL, S., inz.

Water treatment during the winter season. Vodni hosp 14 no. 1: 2 of cover, 3 of cover '64.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTL, Silvestr, inz.; VOCEL, Jan, inz.

Treatment of waste waters containing mineral suspensions and oily emulsions. Vod hosp 13 no.11:439-440 '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

HUTNANSKY, V.

Welding at the 3d Exhibition of Mechanical Engineering.

P. 349. (ZVARANIE) (Bratislava, Czechoslovakia) Vol. 6, No. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTNANSKY, V., inz.

Problem of steel cutting. Zvarania 14 no.1:23 Ja '65.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

L 46773-66 EWP(e)/EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/JG

ACC NR: AP6031731 SOURCE CODE: UR/0184/66/000/009/0024/0025

AUTHOR: Mutovin, V. D.; Osipov, V. G.

ORG: none

TITLE: Mechanical properties and structure of sintered molybdenum sheet, used for deep drawing

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 9, 1966, 24-25

TOPIC TAGS: sintered molybdenum, sintered molybdenum sheet, metal property, metal drawing, SOLID MECHANICAL PROPERTY, METAL FORMING, MOLYBDENUM, SHEET METAL

ABSTRACT: A series of experiments was conducted to determine the effect of heat treatment on the mechanical properties and deep drawing characteristics of sintered molybdenum sheets. Specimens, 0.5 mm thick and [illegible] mm wide, annealed at temperatures ranging from 800 to 1600C, were first subjected to tensile tests. It was found that the strength and hardness of molybdenum steadily decreases with increased temperature of annealing. Elongation first increases, reaches a maximum with an annealing temperature of 1300C, and then drops sharply. To determine the effect of heat treatment on the formability of molybdenum in deep drawing, the specimens annealed at temperatures from 800 to 1600C were deep drawn through a die [illegible] mm in diameter. The formability was evaluated from the coefficient of reduction $K_B = D_{max}/d$, where D is

UDC: 621.983.3

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L 42772-66

ACC NR: AP6031731

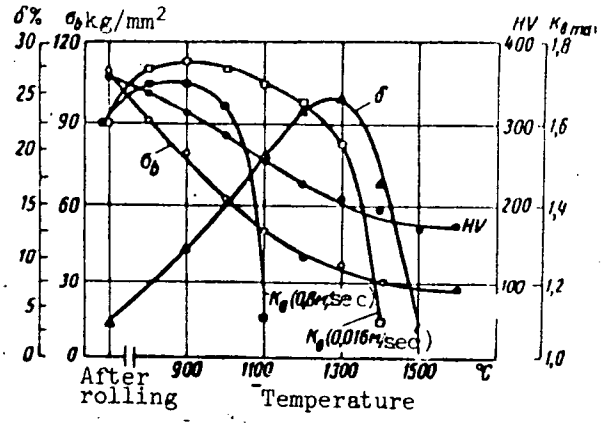

Fig. 1. Annealing temp rature dependence of sintered molybdenum mechanical properties

the largest blank diameter to withstand deep drawing without cracks and d is the cup diameter. The maximum K_B was obtained in specimens annealed at 900C (see Fig. 1). The formability of sintered molybdenum was found to increase with decreasing deformation rate. Orig. art. has: 2 figures.

[TD]

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 5090

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

ACC NR: AP6032156 (A) SOURCE CODE: UR/0182/66/000/007/0022/0024

AUTHOR: Osipov, V. G.; Mutovin, V. D.; Ushakov, Ye. V.

ORG: none

TITLE: Evaluating the deep-drawability of sheet molybdenum

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 7, 1966, 22-24

TOPIC TAGS: METAL POWDER, SHEET METAL, molybdenum powder, molybdenum alloy, metal drawing, metal cupping, elongation / MCh ~~molybdenum~~ METAL powder, TsM2A molybdenum alloy

ABSTRACT: The drawability of blanks of cast Mo treated with Zr(0.07%) and Ti (0.1%) as well as of MCh powder-metal Mo, cross-rolled from a thickness of 1 mm to thicknesses of 0.8, 0.6, 0.4, 0.2 and 0.1 mm, was determined as a function of their elongation coefficient $K = \frac{D_{max}}{d_{av}}$ (D_{max} is the maximum diameter of specimen until fracture, d_{av} is the mean diameter of cupped blank). The tests were performed in a die set with a hydraulic blankholder. The findings (Fig. 1) indicate that the deep-drawability of sheet Mo improves with increase in its degree of deformation (reduction in its thickness). The scatter of curves for the material 0.1-0.2 mm thick (hatched region, Fig. 1) is apparently attributable to the considerable

Card 1/2

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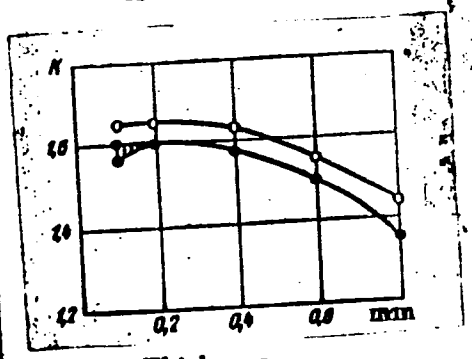
ACC NR: AP6032156



Thickness

Fig. 1 Elongation coefficient $K = \frac{D_{max}}{d_{av}}$ as a function of sheet thickness:

O – elongation coefficient of MCh molybdenum; ● – elongation coefficient of TsM2A molybdenum

influence of surface impurities for such thin sheets. The determination of the deep-drawability of sheet Mo according to uniaxial tensile tests is difficult owing to the marked anisotropy of mechanical properties in the plane of the Mo sheet; hence sheets rolled in two mutually perpendicular directions must be used for the drawing of axially symmetric products, so as to equalize the indicators of plasticity and strength in both the longitudinal and the transverse directions. Orig. art. has: 2 figures.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 002

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

ACC NR: AT7004420 (A) SOURCE CODE: UR/0000/66/000/000/0117/0121

AUTHOR: Osipov, V.G.; Mutovin, V.D.

ORG: none

TITLE: Mechanical properties and formability of molybdenum sheets

SOURCE: AN SSSR. Institut metallurgii. Napryazhennoye sostoyaniye i plastichnost' pri deformirovanii metallov (Str[illegible] [illegible]ndition and plasticity during metal deformation). Moscow, [illegible]sd-vo Nauka, 1966, 117-121

TOPIC TAGS: SHEET METAL, ELONGATION, MOLYBDENUM PROPERTY, molybdenum, molybdenum thin sheet, ~~molybdenum~~ [illegible]nnealing, ~~molybdenum sheet~~ ductility, ~~molybdenum sheet formability~~ TsM2A molybdenum

ABSTRACT: Sheets (0.5 mm thick) of vacuum melted TsM2A molybdenum were annealed in a vacuum of $1 \cdot 10^{-3}$ mm Hg at 900—1400°C for 1 hr, cooled rapidly and investigated for ductility and formability. Test specimens were cut along, across, and at a 45 deg angle to the direction of sheet rolling. The elongation with tension was used as a criterion of ductility. The formability criterion was a maximum value K_{max} of the D/d ratio in the cup-drawing test in which a cup with an outside diameter d = 20 mm was

Card 1/2 UDC: none

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

ACC NR: AT7004420

drawn at a speed of 50 mm/min from a blank with a diameter D. The specimens annealed at 1100°C had the highest formability (K_{max} = 1.54). This temperature corresponded to the maximum elongation (13.6%) of the specimens cut out at an angle of 45 deg to the direction of rolling. The maximum elongation of the longitudinal and transverse specimens (9.5 and 8.6%, respectively) was obtained with annealing at 1200°C. In tension and drawing-cup tests of TsM2A alloy sheets of various thicknesses, the elongation was found to decrease from 12 to 7% as sheet thickness increased from 0.2 to 0.8 mm, while the formability factor increased from about 0.8 to 1.6 as sheet thickness increased from 0.1 to 0.8 mm. Orig. art. has: 2 figures. [MS]

SUB CODE: 11, 13/ SUBM DATE: 27Sep66/ ORIG REF: 007/ OTH REF: 008/
ATD PRESS: 5116

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

ACC NR: AT7004424 (A) SOURCE CODE: UR/0000/66/000/000/0176/0178

AUTHOR: Osipov, V. G.; Mutovin, V. D.

ORG: none

TITLE: Deep drawing of thin molybdenum sheets

SOURCE: AN SSSR. Institut metallurgii. Napryazhennoye sostoyaniye i plastichnost' pri deformirovanii metallov (Stress condition and plasticity during metal deformation). Moscow, Izd-vo Nauka, 1966, 176-178

TOPIC TAGS: molybdenum alloy, molybdenum, metal stamping, metal drawing

ABSTRACT: Sheet molybdenum rolled in two mutually perpendicular directions and displaying a lower anisotropy of mechanical properties is employed in the fabrication of parts of electrovacuum devices by the stamping-drawing method. In this connection, the authors investigated the stampability of 0.5 mm thick molybdenum sheets of the following types: 1) plain MCh powdered-metal molybdenum; 2) plain vacuum-arc-melted molybdenum deoxidized with carbon; 3) TsM2A vacuum-arc-melted molybdenum alloy; 4) molybdenum treated with Ti (0.04%) and Zr (0.08%). These sheets were obtained by cross-rolling at 150-250°C of hot-

Card 1/3

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

ACC NR: AT7004424

rolled 1 mm thick sheets. Stampability was determined according to the elongation coefficient $K_e = D/d$ (D = diameter of blank; d = mean diameter of the drawn cup) during the drawing of cylindrical cups in a die assembly equipped with a dynamometer. (Fig. 1.) These tests showed

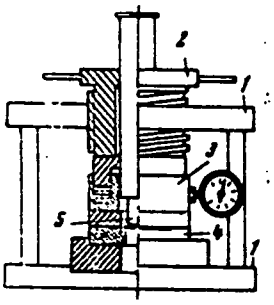

Fig. 1. Die assembly-device to determine the elongation coefficient:
1 - upper and lower platens; 2 - clamping device;
3 - hydraulic clamp-dynamometer with manometer;
4 - die; 5 - punch

that the maximum plasticity during drawing ($K_e = 1.7$) is displayed by plain MCh molybdenum and vacuum-arc-melted molybdenum deoxidized with carbon. For the two other types of molybdenum $K_e = 1.65$-1.45, which is yet another proof that impurities adversely affect the stampability of molybdenum sheets. Subsequent experiments with heating of molybdenum to 150-200°C prior to its stamping showed that such heating makes it possible to stabilize the results of the drawing, owing to the deformation of the material in the zone of temperatures ex-

Card 2/3

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ceeding the brittleness threshold. Orig. art. has: 3 figures.

SUB CODE: 13, 11/ SUBM DATE: 27Sep66/ ORIG REF: 006

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

LUTOVIN, V. I. Cand. Vet. Sci.

"Treatment of Equine Encephalomyelitis,"

Bolezni Loshadey (Equine Diseases), 1947 - collection of works compiled by A. Yu. Branz-burg and A. Ya. Shapiro under editorship of A. M. Laktionova, State Press for Agric. Lit. (In most cases previously published in journal Veterinariya or in manuals issued by the Vet. Admin. of the Armed Forces USSR.)

Tab. Con. - p 21
-M-9922, 1 May 1950, p 1

Translation in Rpt. U-5561

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

PA 31/49T92

MUTOVIN, V. I.

Aug 48

USSR/Medicine - Prophylaxis
Medicine - Encephalomyelitis, Equine

"Prophylaxis Against Equine Encephalomyelitis in Unsanitary Stables," V. I. Mutovin, Cand Vet Sci, 4½ pp

"Veterinariya" No 8

Discusses control of equine encephalomyelitis.

31/49T92

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I.

67/49T94

USSR/Medicine - Encephalomyelitis
Cattle, Diseases

Jun 49

"Prophylaxis Against Encephalomyelitis in Unsanitary Stables (According to Data Submitted to the Editors)" 1½ pp

"Vet" No 6

V. I. Mutovin's article on "Prophylaxis Against Encephalomyelitis in Unsanitary Stables" in "Veterinariya," No 8, 1948, aroused much discussion. The editor believes that Mutovin's recent article, "Some Efficient Methods of Using DDT and Hexachlorane in Animal Husbandry," answers the criticisms made.

67/49T94

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I.

Antibiotiki v veterinarii i zhivotnovodstve (Antibiotics in veterinary medicine and animal husbandry). M., Izd-vo M-va Sel'skogo khoziaistva SSSR, 1959, Exhibition of the achievements of the national industry of USSR. Department of Information and Press Department. Pavillion "Vet. Poliklinika." Price 25 k. 10,000 copies.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I.

PA 67/49T99

USSR/Medicine - Animal Diseases Jun 49
DDT

"Some Efficient Methods of Using DDT and Hexachlorane in Animal Husbandry," V. I. Mutovin, Sci Production Lab, Min of State Farms RSFSR, 4 pp

"Vet" No 6

Describes preparations and applications of DDT and hexachlorane. Found that using them in volatile lipoid solvents and emulsions made available a synergetic union of the disinfestation properties of the preparation, the solvent and the emulsion. These preparations can and must be improved,

67/49T99

USSR/Medicine - Animal Diseases (Contd) Jun 49

although they have already proved useful against contagious and parasitic diseases in birds and animals.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I.

22612. MUTOVIN, V.I. "Novyy insektitsid -- fenilin" Veterinariya, 1949, No. 7, S. 43-44

SO: LETOPIS' No. 20, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I.

36808. MUTOVIN, V. I. i DOBROKHOTOV, A. M. O Prirode Virusa i Epizootologii Entsefalomielita Loshadey. (Po Maternalam Soveshchaniya Pri Vet. Sektsii Vsesoyu Akad. S.-kh. Nauk Im. Lenina 15 Marta 1949 g.) Veterinariya, 1949, No. 12, c. 22-25

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

USSR/Medicine (Vet) - Antibiotics Aug 51

"Application of Penicillin in Diseases of Animals (Based on Data Presented During the First All-Union Conference on Application of Penicillin in Veterinary Medicine)," V. I. Mutovin, Cand Vet Sci, All-Union Sci Res for Investigation of Poisonous Fungi, Min of Agr USSR

"Veterinariya" Vol XXVIII, No 8, pp 26-32

States that penicillin will be used on wide scale in the USSR in 1951 for treatment of diseases of livestock and reviews experience gained by using this antibiotic in USSR veterinary research and practice. Outlines data on erysipelas of swine,

188T88

LC

USSR/Medicine (Vet) - Antibiotics (Contd) Aug 51

acute pneumonia of various animals, mastitis of cattle, endometritis, etc., in this connection. Says that the Div of Antibiotics of above-mentioned institute will be in charge of all work in connection with such applications in the future.

188T88

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MUTOVIN, V. I.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

1. MUTOVIN, V. I., MYDEL'SHTEYN, S. I.

2. SSSR (600)

4. Veterinary Materia Medica and Pharmacy

7. Use of antibiotics in veterinary practice. Antibiotiki 5 No. 5, 1952

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

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kandidat veterinarnykh nauk.

Measures for the eradication of hoof rot in sheep. Veterinariia 30 no.4:30-36 Ap '53. (MLRA 6:4)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kandidat veterinarnykh nauk.

Measures for controlling hoof rot in sheep. Veterinariia 33 no.1:26-30 Ja '56. (MLRA 9:4)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy ekteparazitologii, mikologii i sanitarii Ministerstva sovetskikh khozyaystv SSSR.
(SHEEP--DISEASES AND PESTS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kandidat veterinarnykh nauk.

Etiology and epizootology of foot rot in sheep. Veterinariia 33 no.10:53-57 O '56. (MLRA 9:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii i ektoparazitologii.
(Foot rot in sheep)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, Vasiliy Ivanovich.

[Present-day methods of using antibiotics in veterinary medicine] Sovremennye metody primeneniia antibiotikov v veterinarii. Moskva, Gos. izd-vo selkhoz. lit-ry, 1958. 155 p. (MIRA 11:10)
(Antibiotics)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kand.vet.nauk; MOSKOV, A.I., kand.vet.nauk

Use of antibiotics. Veterinariia 35 no.5:100-104 My '58.
(MIRA 12:1)

(Antibiotics)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., referent

Use of antibiotics in veterinary practice. Veterinariia 35 no.10: 76-80 O '58. (MIRA 11:10)
(Antibiotics)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., referent

Use of antibiotics in veterinary medicine; from material received by the editor. Veterinariia 35 no.11:51-56 N '58. (MIRA 11:11)
(Antibiotics)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I.

Current status and aims in veterinary inspection of milk, fish, and other food products. Veterinariia 35 no.12:62-63 D '58. (MIRA 11:12)

(Milk—Analysis and examination)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I., Cand. Vet. Sci.

"Veterinary and sanitary inspection of milk."

Veterinariya, Vol. 37, No. 5, 1960, p. 54

VNIIVS

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kand.veterin.nauk

Measures for controlling mastitis in cows. Veterinariia 37 no.7:49-56 Jl '60. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Udder—Diseases)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., kand.veterinarnykh nauk; GROMYKIN, P.S., kand.veterinarnykh nauk

Improving the sanitary quality of milk under conditions of loose housing of cows. Veterinariia 38 no.1:15-17 Ja '61. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Mutovin). 2. Vsesoyuznyy institut eksperimental'noy veterinarii (for Gromykin).
(Milk--Microbiology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V. I. (Candidate of Veterinary Sciences).

"Mastitis in cows. Review of foreign literature."

Veterinariya, Vol. 38, No. 4, 1961, p. 77.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

BUTOVIN, V. I.

" Mastitis in cows"

Veterinariya, Vol. 38, No. [illegible] 1961

Butovin, V. I. -Doctor of Veterinary Sciences, Associate Professor

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I., referent

Antibiotics in veterinary medicine. Veterinariia 38 no.10:81-89 O '61. (MIRA 16:2)
(Antibiotics) (Veterinary medicine)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVIN, V.I.

Milk lysozymes in the prophylaxis of staphylococcal milk intoxications. Veterinariia 40 no.5:54-57 My 63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

SIMETSKIY, O.A., aspirant; MUTOVIN, V.I., doktor veter. nauk, nauchnyy rukovoditel' raboty

Erythromycin for treating cows with subclinical mastitis. Veterinariia 42 no.9:78-79 S '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

BELKOVOY, I.I., aspirant; [illegible], V.I., nauchnyy rukovoditel', doktor veter. nauk

Effect of milking apparatus and [illegible] on the mammary glands in cows. Veterinariia 42 no.10:63 65 O '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issle[illegible]tel'skiy institut veterinarnoy sanitarii.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

AMERIK, B.K.; MAYDEBOR, L.K.; SVETOZAROVA, O.I.; MATAYEVA, B.V.; ROMANKOVA, I.K.; GOLOVENKO, A.M.; SAPOON, M.F.; ZHDANOVA, V.V. LEVASHOVA, E.P.; KOZLOVA, A.S.; ZINCV'YEV, V.R.; KONINA, V.F.; MUTOVIN, Ya.G.

Refining sweet mazuts. Trudy GrozNII no. 15:49-58 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

AMERIK, B.K.; MUTOVIN, Ya.G.; SAPON, M.F.; KUNDRYUTSKAYA, N.Kh.

Pilot plant for the two-stage destructive vacuum distillation of oil residues. Trudy GrozNII no. 15:59-67 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

GORCHAKOVA, V.G.; YELGASHKIN, N.F.; MUTOVIN, Yu. .; POCHEKUTOV, ..F.; DOBRUTOV, G.M., red.

[Safety manual for the workers of woodworking industries. Spravochnik po tekhnike bezopasnosti dlia rabotnikov derevoobrabatyvaiushchikh predpriiatii. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 200 p. (Mira 17:8)

1. Kafedra stankov i instrumentov Sibirskogo tekhnologicheskogo instituta (for all except Dobrutov).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTOVKIN, A.M., inzh.

Development of the machinery industry in Vologda Economic Region. Mekh.i avtom.proizv. 14 no.1:6-9 Ja '60. (MIRA 13:5)

1. Nachal'nik upravleniya mashinostroyeniya Vologodskogo sovnarkhoza.
(Vologda Province--Machinery industry)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

Mutovkin, A. M.

GANDFOL', Ya.T.; MUTOVKIN, A.M.

[illegible]

1. [illegible] predse[illegible] [illegible]skogo sovnarkhoza (for Gandfol'). 2. [illegible] upravleniya mashinostroyeniya sovnarkhoza (for Mutovkin).

(Pl[illegible])

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

GANDFOL', Ya.; MUTOVKIN, A.

Capron should replace metals. NTO 3 no.3:28-29 Mr '61. (MIRA 14:3)

1. Zamestitel' predsedatelya Vologodskogo sovnarkhoza (for Gandfol').
2. Nachal'nik upravleniya mashinostroyeniya Vologodskogo sovnarkhoza (for Mutovkin).

(Nylon)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KUZNETSOV, Ivan Kuz'mich, Geroy Sotsialisticheskogo Truda; KAMINSKIY, V.V., gornyy inzh., retsenzent; PYATIBRATOV, Ye.A., gornyy inzh., retsenzent; MUTOVKIN, M.I., gornyy inzh., retsenzent; SEMYNIN, A.P., gornyy inzh., retsenzent; NADION, M.F., otv.red.; ROMANOVA, L.A., red.izd-va; BOLDYREVA, Z.A., tekhn.red.

[Placer mining in permafrost conditions] Razrabotka rossypnykh mestorozhdenii v usloviiakh vechnoi merzloty. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 223 p. (MIRA 14:1)

(Hydraulic mining) (Frozen ground)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

VALEYEV, A.M.; GOLEV, Yu.D.; GOLEVA, Z.N.; GOLOVKO, R.Ye.; ZAV'YALOVA, B.A.; ZARETSKIY, B.A.; ZVEREV, Ye.A.; LIPINSKIY, F.A.; MANGUSHEV, I.Kh.; MEYZLER, M.Kh.; MUTOVKIN, V.A.; RUDAKOV, Ya.D.; RUKOVANOV, B.P.; KHASANOV, G.M.; ESTRIN, Z.I.; ZUDIN, B.A., red.; BORUNOV, N.I., tekhn. red.

[Adjustment and operation of equipment in the Novo-Ufimskii Heat and Electric Power Plant] Naladka i ekspluatatsiia oborudovaniia na Novo-Ufimskoi TETs. Moskva, Gos. energ. izd-vo, 1961. 175 p. (MIRA 14:9)
(Bashkiria—Electric power plants)
(Bashkiria—Heating from central stations)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTRISKOV, A.Ya.; MAMINOV, G.V.; ISMAGILOV, K.G.; USMANOV, A.G.

Entropy method of analysis of chemisorption processes. Izv. vys. ucheb. zav.; khim. i khim. tekh. no.3:486-491 '64.

(MIRA 17:10)

1. Kazanskiy khimiko-tekhnologicheskiy institut imeni Kirova, kafedra protsessov i apparatov khimicheskoy tekhnologii i teplotekhniki.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KHUSAINOVA, N.Z.; MURAVLEV, G.G.; MITROFANOV, [illegible]

Conference on the matter and energy cycles in lakes. Izv. AN Kazakh. SSR, Ser. biol. nauk 3 no.1:111-112 Ja-F '65. (MIRA 18:5)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KECSKES, Lajos; MUTSCHLER, Ferenc; GLOS, Ivan; THAN, Ede; FARKAS, Imre; CEGLEDI, Jozsef; KOBOR, Jozsef

Indirect paper chromatographic methods for determination of estrogens in the urine. Kiserl. orvostud. 13 no.5:468-480 O '61.

1. Pecsi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikaja.

(ESTROGENS urine)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KECSKES, Lajos, dr.; MUTSCHLER, Ferenc, dr.; THAN, Ede, dr.; FARKAS, Imre, dr.

Separation of estrone, 17-β-estradiol and estriol isolated from human ovaries with paper chromatography. Magy. noorv. lap. 26 no.1: 52-57 Ja '63.

1. A Pecsi Orvostudomanyi Egyetem Szuleszeti- es Nogyogyaszati Klinikajanak kozlemenye (Igazgato: Lajos Laszlo dr. egyetemi tanar).
(ESTRIOL) (ESTRADIOL) (ESTRONE) (OVARY) (CHROMATOGRAPHY) (PREGNANCY, ECTOPIC) (STEIN-LEVENTHAL SYNDROME) (MENSTRUATION DISORDERS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTSCHLER, FERENC,

3

HUNGARY

LAJOS, Laszlo, Dr, ILLEI, Gyorgy, Dr, KECSKES, Lajos, Dr, GORCS, Jeno, Dr, MUTSCHLER, Ferenc, Dr, KOBOR, Jozsef, Dr; Medical University of Pecs, Obstetrical and Gynecological Clinic (Pecsi Orvostudomanyi Egyetem, Szuleszeti-es Nogyogyaszati Klinika).

"The Clinical Symptoms and Pathology of Hyperestrogenism of Women Above Forty."

Budapest, Orvosi Hetilap, Vol 104, No 25, 23 June 63, pages 1155-1161.

Abstract: [Authors' Hungarian summary modified] Observations were made on 24 cases of glandular cystic hyperplasia of the endometrium among climacteric and post menopausal age groups. The histological structure of theca hyperplasia was found in every ovary that was removed. Luteinization of theca cells was more common among the younger age group. Active hilus cells were equally frequent in both groups. The mean value of estrogen excretion was higher in the older group and was approaching the values found in the middle of a normal cycle. The various estrogen fraction values are reported in detail and the authors conclude that the disease is the function of a disturbance in estrogen synthesis; After hysterectomy and removal of the ovaries, estrogen excretion was

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

HUNGARY

Budapest, Orvosi Hetilap, Vol 104, No 25, 23 June 63, pages 1155-1161.

decreased or stopped completely within days. The pycnotic index also returned to normal. These findings indicate that, at this age group, the source of increased estrogen production is the ovary. If conservative treatments fail to correct the bleeding irregularities removal of not only the uterus but of the ovaries is also indicated in order to remove the cause of the disturbance which affects the entire organism. 3 Hungarian, the rest Western references.

2/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KECSKES, Lajos, dr.; MUTSCHLER, Ferenc, dr.; KOBOR, Jozsef, dr.

Tissue estrogen determination in cases of ovarian tumor. Magy. onkol. 7 no.3:173-176 S'63.

1. Pecsi Orvostudomanyi Egyetem, Szuleszeti es Nogyogyaszati Klinikaja.

(OVARIAN NEOPLASMS) (GRANULOSA CELL TUMOR) (THECA CELL TUMOR) (CARCINOMA) (ESTRONE) (ESTRADIOL) (ESTRIOL) (CHROMATOGRAPHY) (PATHOLOGY) (SURGERY, OPERATIVE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTSCHLER, Ferenc; KECSKES, Lajos; KOBOR, Jozsef

Examination of estrogen fractions in full term normal and toxemic placentae. Magy.noorv.lap. 26 no.6:380-382 N '63.

1. A Pecsi Orvostudomanyi Eg./etem Szüleszeti es Nögyogyaszati Klinikajanak közlemenye (Igazgato: Lajos Laszlo dr egyetemi tanar).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KECSKES, Lajos; KOBOR, Jozsef; MUTSEHLER, Ferenc

Isolation of estrone, 17-beta estradiol and an unusual large quantity of estriol from the urine of a patient with ovarian cancer. Orv.hetil. 105 no.4:152-156 26 J '64.

1. Pecsi Orvostudomanyi Egyetem, Szüleszeti- es Nögyogyaszati Klinika.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KECSKES, Lajos, dr.; MUTSCHLER, Ferenc, dr., KORCH, Jozsef, dr.

Determination of estrogens in the urine by the Ittrich method from 4th to 9th month of pregnancy. Orv. Hetil. 105 no.31:1461-1463 2 Ag '64.

1. Pecsi Orvostudomanyi Egyetem, Szuleszeti es Nogyogyaszati Klinika (igazgato: Ba[illegible] Laszlo dr.).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTSENEK, K. Ya.

MUTSENEK, K. Ya.: "The effect of certain types of imprecision in manufacture on the stressed state of pressing compounds". Riga, 1955. Min Higher Education USSR. Latvian State U. (Dissertations for the Degree of Technical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

SOV/124-58-7-7296

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 2 (USSR)

AUTHOR: Mutsenek, K. Ya.

TITLE: A Conference on the Mechanics of Bodies Subjected to Deformation and on the Strength of Materials (Soveshchaniye po mekhanike deformiruyemykh tel i prochnosti materialov)

PERIODICAL: Latv. PSR. zinatnu Akad. vestis, Izv. AN LatvSSR, 1956, Nr 8, pp 159-160

ABSTRACT: Bibliographic entry

1. Materials--Mechanical properties

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

SOV/124-58-11-13467

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 215 (USSR)

AUTHOR: Mutsenek, K. Ya.

TITLE: The Influence of the Surface Machining Quality of Machine Parts on the Stress Distribution in Press-fitted Connections (Vliyaniye ogranki poverkhnosti detaley na napryazhennoye sostoyaniye pressovykh soyedineniy)

PERIODICAL: Izv. AN LatvSSR, 1957, Nr 7, pp 139-146

ABSTRACT: An investigation of contact stresses arising during the press-fitting of a ring on a shaft in the case when the inner surface of the ring has waves in the circumferential direction; the appearance of such waves is possible as a result of deformations of a part during its machining on a lathe. The concepts of the plane problem of the theory of elasticity are employed. It is assumed that the surface of the shaft is smooth, whereas the (inner; Tr. Ed. Note) surface of the ring exhibits three waves along its circumference with an amplitude equal to 0.15 of the average interference; calculations are performed, showing that the maximum stresses exceed the nominal stresses (computed according to Lamé's formulas) by about 40%. S. V. Boyarshinov

Card 1/1

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

KEPE, O.; MUTSENIEK, K. [Mucenieks,K.] (Riga)

Calculation of screw shafts used for conveying conic details. Vestis Latv ak no.10:45-50 '59. (EEAI 9:10)

1. Akademiya nauk Latviyskoy SSR, Institut mashinovedeniya.
(Shafting) (Conveying machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

PHASE I BOOK EXPLOITATION SOV/5367

Mutsenek, Karl Yanovich, and Yuriy Matveyevich Tarnopol'skiy

Puti snizheniya vesa mashin i ekonomii metalla v mashinostroyenii (Ways of Decreasing the Weight of Machinery and Economizing on Metal in the Machine Industry) Riga, Izd-vo AN Latviyskoy SSR, 1960. 111 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk Latviyskoy SSR. Institut mashinovedeniya.

Ed.: Ye. Savel'yeva; Tech. Ed.: Ye. Piladze.

PURPOSE: This book is intended for technical personnel and designers in the machine-building industry.

COVERAGE: Methods are discussed for economizing on metal in machine building by reducing the weight of machines. In this connection the designing of the machine, the proper selection of materials, and various manufacturing processes are taken into consideration.

Card ~~1/3~~

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

MUTSENEK, K. [Mucenieks, K.]

Scientific conference on productivity of work (technological) machines for conveyer and automatic lines. In Russian. Vestis Latv ak no.5:195-196 '60. (MEAI 10:7)
(Russia—Machinery industry)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

LOBZOV, B.; MUTSENEK, K.[Mucenieks, K.]

Calculating the precision of the process of automatic assembly. Izv.AN Latv.SSR no.4:49-56 '61. (MIRA 16:1)

1. Institut avtomatiki i mekhaniki AN Latviyskoy SSR.

(Assembly-line methods) (Automation)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

LODZOV, B.; MUTSENEK, K. [Mucenieks, K.]

Nature of damage to edges during assembly. Vestis Latv ak no.12: 13-18 '61.

1. Akademiya nauk Latviyskoy SSR, Institut avtomatiki i mekhaniki

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135730010-0

34349

S/197/62/000/001/002/002
B104/B102

1.7000

AUTHORS: Lobzov, B., Mutsenek, K.

TITLE: Effect of vibrations on the safety of the automatic assembling of parts

PERIODICAL: Akademiya nauk Latviyskoy SSR. Izvestiya, no 1(17), 1962, 53 - 58

TEXT: A vibrator in an assembling automation displaces the relative position of parts to be assembled within an area the length of which is determined by the amplitude of the fixture vibrations and the gap whose width is determined by the gap of the fixture. Two vibrators in an assembling automation of the same frequency, with their vibration amplitudes being vertical on one another, displace one part within a circle, an ellipse or a rectangle. If two parts are to be assembled the mutual position of the two parts must lie within the admissible error limits at the moment concerned. Curve 1 (Fig. 5) is the trajectory of the vibrating part, Curve 2 circumscribes the field of deviations of the position of the part δ is the admissible deviation. The hatched areas indicate the positions of

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Effect of vibrations

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the parts to be assembled that are within the admissible error limits. The authors discuss possible trajectories for those cases where the two vibrations are not harmonic but fade exponentially. The relative movement of the parts is then spiral. The accuracy of assembling can be increased considerably by choosing that moment for the automatic assembling at which the mutual position of the two parts lies within the admissible error limits. P. F. Dunayev (Razmernyy tsepy, Mashgiz, 1957) is mentioned. There are 6 figures and 2 Soviet references.

ASSOCIATION: Institut avtomatiki i mekhaniki AN Latv. SSR (Institute of Automation and Mechanics of the AS Latviyskaya SSR)

SUBMITTED: June 17, 1961

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MUTSENEK, Karl Yanovich, kand. tekhn. nauk; ROZENTAL', Emanuel' Zamuilovich, inzh.; SUKHOV, I.V., red.; TELYASHOV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Use of magnetic methods in assembly work] Primenenie magnitnykh metodov pri sborke izdelii. Leningrad, 1963. 16 p. (Leningradskiy dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.11) (MIRA 16:11)
(Magnetic fields--Industrial applications) (Metalwork)

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MUTSENEK, Karl Yanovich [Mucenieks, Karls]; DYMARSKAYA, O., red.

[Automation of the assembly of articles] Avtomatizatsiia sborki izdelii. Riga, Izd-vo AN Latviiskoi SSR, 1964. 161 p. (MIRA 18:3)

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L 32317-66 EWT(d)/FBD/FSS-2/EEC(k)-2/EWP(c)/EWP(v)/T/EWP(k)/EWP(1) IJP(c)

ACC NR: AP6010129 (A) SOURCE CODE: UR/0122/66/000/003/0049/0052 BC

72
B

AUTHOR: Mutsenek, K. Ya.; Lobzov, B. A.

ORG: none

TITLE: Reliability and productivity of assembling automatons

25 19

SOURCE: Vestnik mashinostroyeniya, no. 3, 1966, 49-52

TOPIC TAGS: industrial automation, automaton, circuit design

ABSTRACT: In the past, the introduction into production processes of assembling automatons advanced very slowly because of the low reliability of such devices as compared with other types of automatic equipment. The problem is particularly complicated because the reliability of an assembling automaton does not depend only on the quality of operation of its own mechanisms but also on the quality of parts it accepts for subsequent assembly. The authors develop appropriate mathematical criteria for the reliability of these types of automatons and then utilize them for the analysis of the problem. They present a comprehen-

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sive list of recommendations for the future improvement in the design of assembling automatons leading to enhanced reliability. The results are applied to the case of a simple device subjecting one of the parts to vibrations in two directions (see B. A. Lobzov, K. Ya. Mutsenek, Izvestiya AN Latviyskoy SSR, 1962, No. 1). Orig. art. has: 6 formulas and 2 figures.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 004

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EYDUS, YA. [Eiduss, J.]; MUTSENIETSE, L. [Muceniece, L.]

Ultraviolet absorbtion spectra of nitrofurans. Vestis Latv ak no.11:65-82 '61.

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MUTSENIYEK, A. Ya.

"Variations in Phagocytosis Depending Upon the Content of Vitamin C in an Organism." Cand Med Sci, (no institute given), Latvian Acad Sci, 24 Dec 54. (SLa, 14 Dec 54)

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SO: Sum. No. 556, 24 Jun 55

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MUTSENIYEK, A. Ya.

5207. Dependence of phagocytosis in guinea pig on content of vitamin C in the animal. A. Ya. Mutseniek. *Trud. Inst. Mikrobiol. Lato. S.S.R.*, 1955, No. 3, 146—187; *Referat. Zh. Biol.*, 1956, Abstr. No. 87972.—Three groups of guinea pigs (14 in each) were maintained on different rations: (i) scorbutic diet + 50 mg. vitamin C; (ii) scorbutic diet + 1 mg. C; (iii) scorbutic diet alone. The phagocytic activity was determined before the commencement of the diets, and at 5, 15, and 25 days after the start. The phagocytic activity and phagocytic intensity (Gosteva, *Trud. Akad. med. nauk. S.S.S.R.*, "Nutritional questions", No. 2, 1950) were studied, as well as their attraction. In vitamin C hypovitaminosis, chemotaxis, attraction, and absorption were initially inhibited, but subsequently was even enhanced, digestion being disturbed. On the scorbutic diet all phases of phagocytosis were observed to be depressed. (Russian)

I. E. S. BRADLEY

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[Coxsackie and ECHO virus neuroinfections] Virusnye neiro-infektsii Koksaki i ECHO. Riga, Izd-vo AN Latviiskoi SSR, 1964. 128 p. (MIRA 18:1)

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Creators of automatic machinery. Nauka i zhizn' 27 no.9:47-50 S '60. (MIRA 13:9)

(Latvia--Automatic control)

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MUTSENIYEKS, V.A. [Mucenieks, V.] (Riga); RASTRIGIN, L.A. (Riga)

Optimalizing control of continuous multiparameter systems using a random search technique. Izv AN SSSR Tekh. kib. no.1:101-110 Ja-F '64 (MIRA 17:8)

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MUTSENIYEKS, V. D.

24369 MUTSENIYEKS, V. D. Immunologicheskaya reaktivnost' organizma. Sob. [illegible]. K voprosu o suskchnosti reaktsii Shika. Izvestiya Akad. nauk. SSR, 1[illegible], No. 7, S. 55-6[illegible]. - Na latyp. Yaz. - Resume na rus. yaz. - Bibliogr: [illegible] nazv.

SO: Letopis, No. 3[illegible], 1[illegible]9.

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MUTSENIYETSE, L. P., Cand Med Sci -- "Remote results of extensive intestinal resections in acute intestinal obstruction." Riga, 1961. (Acad Sci LaSSR. Inst of Experim and Clinical Med) (KL, 8-61, 263)

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ACC NR: AP6021797 (A) SOURCE CODE: UR/0413/66/000/012/0061/0062

INVENTORS: Paton, V. Ye.; Esibyan, E. M.; Shnayder, B. I.; Mutsenko, B. S.; Svetsinskiy, A. S.; Litovchuk, V. B.

ORG: none

TITLE: A device for arc welding under argon. Class 21, No. 182809 [announced by Institute of Electric Welding im. Ye. O. Paton (Institut elektrosvarki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 61-62

TOPIC TAGS: welding, arc welding, inert gas welding, welding equipment, welding technology

ABSTRACT: This Author Certificate presents a device for arc welding (under argon) of capillary and thin-walled tubes of small diameters. The device contains a driving mechanism, feeding and positioning rollers, a torch, and a protecting chamber (see Fig. 1). To produce a high quality of welding, the positioning rollers are located directly under the electrode of the welding head, while the protecting chamber is made in the form of a closed pipe cooled with water and provided with a gas-supplying

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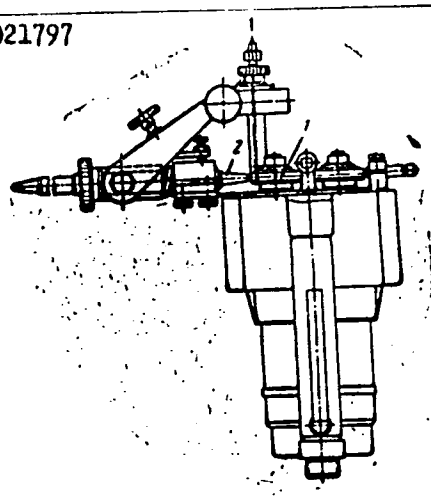

Fig. 1. 1 - positioning rollers; 2 - protecting chamber

flexible hose. Orig. art. has: 1 figure.

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FIL', U.G. [Fil', U.H.]; MUKHTAROVA, L.Ye. [Mukhtarova, L.Ie.]; MUTSET, T.I.

Determining flavones in medicinal plants by paper chromatography. Farmatsev. zhur. 16 no.2:20-27 '63. (MIRA 17:10)

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MUTSHNIK, S.R.

334. CYTOLOGICAL ANALYSIS OF THE CORNEA CONSERVED AT A LOW TEMPERATURE (Russian text) - Mutshnik S. R. Ukrainian Exp. Inst. of Dis. of the Eye, Odessa - ARKH. ANAT. GISTOL. EMBRIOL. 1957, 34/3 (74-82) Illus. 7

The nuclear and cytoplasmatic nucleic acids do not undergo any marked changes even after 4-5 days of conservation. A considerable destruction of these cellular ingredients occurs only on the 10th-12th day. Both chondrosomes and the Golgi apparatus of the epithelium keep on almost unchanged for as long as 5-7 days following conservation. The cornea preserved at a low temperature for the above periods of time remains quite capable of staying alive. These data concur with clinical and experimental observations upon homoplastic transplantations of the cornea. (I, 12)

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MUTSINOV, Gennadiy Vasil'yevich; LYUTIKOV, V.P., red.

[Computing wages for workers and employees] Raschety po zarabotnoi plate rabochikh i sluzhashchikh. Moskva, Profizdat, 1965. 158 p. (MIRA 18:4)

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[Initiators of the new in the seven-year plan] Zachinateli novogo v semiletke; liudi trudovogo podviga. Moskva, Izd-vo VTsSPS Profizdat, No.2. 1961. 44 p. (MIRA 14:12)
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[illegible], N. S.

35595 K voprosu o raskhozdenii lomnogo [illegible] vo [illegible] v. oset. [illegible] Med. In-ta, [illegible], 1[illegible], C. 9 -1[illegible]

SO: Letopis' Zhurnal'nykh Statey, Vol. [illegible], 1[illegible]

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