BODROVA, A. B.

GINDTSE, E. K., BODROVA, A. B. and TATARKO, T. T. "The effect various dosages of vitamin A and D have on the weight of growing rabbits," Doklady (Mosk. s.-kh. akad. im. Timiryazeva), Issue 9, 1949, p. 127-30

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal Statey, No. 25, 1949).

BODROVA, A.N.

Experiment in feeding silkworms ordinary and moistened leaves and leaves with the dust washed off. Uch.zap.Biol.-pochv.fak.Kir.un. no.4:65-70 '54. (MLRA 10:5)

(Silkworms)

TOPCHIYEVA, K.V.;MOSKOVSKAYA, I.F.;BODROVA, L.G.;KRUPENYA, E.I.

Studying the nature of the activity of aluminosilicate catalysts. Vest Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.2: 225-235 '59 (MIRA 13:3)

1. Kafedra fizicheskoy khimii Moskovskogo gosuniversiteta.
(Catalysts) (Aluminosilicates)

AKIMAKINA, L.V.; BODROVA, M.D.; IVANOV, S.P.; IVCHENKO, D.F.

Comparative study of the British "Series 600" grid camera manufactured by Thompson and the Soviet [illegible] grid camera. Usp.nauch.fot. 9:29-32 '64.

(MIRA 18:11)

L 53638-65 EWT(d)/EWT(m)/EPF(c)/EWA(d)/EWP(v)/T/EWP(k)/EWP(h)/EWP(l) Pf-4/Pr-4

ACCESSION NR: AT5010250 GS UR/0000/65/000/000/0008/0011

49
43
37

AUTHORS: Bodrova, M. D.; Ivchenko, D. F.; Festenshteyn, M. S.

TITLE: A device for measuring nonstationary thermal deformation of objects in a gas stream

SOURCE: Mashiny i pribory dlya ispytaniya metallov i plastmass (Machines and instruments for testing metals and plastics); sbornik statey. Moscow, Izd-vo Mashinostroyeniye, 1965, 8-11

TOPIC TAGS: material testing, gas flow, optics, optical projector, optic system/ OF 24 51 oscillograph, KR 1 induction coil, MKU 48 electromagnetic relay

ABSTRACT: A special device allowing the recording and measurement of deformations in an unstable gas stream is described. The device is based on an optical scheme, with an electric spark illumination of the data units and recording of their shifts on photographic film. The gas flows through the inner part of a double-walled cylinder. The outer wall of the cylinder forms an air jacket for temperature control (see Fig. 1 on the Enclosure). Here an impulse illuminator 8 delivers light to the gauges 6 of cylinder 5. Mirrors 7 and 9 direct the reflected light to the intermediate objective 10. The readings are projected by a short-

Card 1/3

L 53638-65

ACCESSION NR: AT5010250

6

focus objective 11 to the film of a motion picture camera 12. The optical system used to detect and record deformations is described. Special attachments used in the system include an OT 2-5 oscillograph, a KR-1 induction coil, an NKU-48 electromagnetic relay, and BPVL wiring 1 mm in diameter. A wiring diagram for the device is shown. The authors present a graph illustrating the time variation of deformation of the cylinder wall and temperatures recorded in the test layer during heating and cooling. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 15Dec64 ENCL: 01 SUB CODE: OP, TD

NO REF SOV: 000 OTHER: 000

Card 2/3

L 53638-65
ACCESSION NR: AT5010250

ENCLOSURE: 01

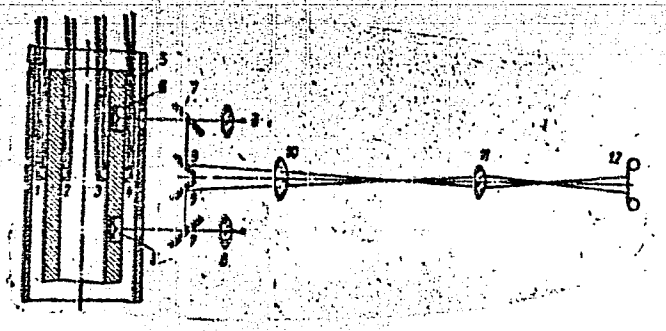


Fig. 1. Optical diagram of deformation recorder

1 - 4- thermocouples; (remaining elements described in text)

Card 3/3

BODROVA, N.A. (Leningrad, 31, per. Grivtsova, d. 9, kv. 12)

Effect of systematic running exercise on internal muscle structure during growth [with summary in English]. Arkh.anat.gist. i embr. 35 no.6:84-89 N-D '58. (MIRA 12:1)

1. Iz laboratorii funktsional'noy morfologii imeni P.F. Lesgafta (zav. - prof. A.K. Koveshnikova) Zoologicheskogo instituta AN SSSR.
(EXERCISE, effects,
running on musc. morphol. in dogs (Rus))
(MUSCLES, physiol.
eff. of running exercise on musc. morphol. in dogs (Rus))

BODROVA, N.A. (Leningrad-31, per. Grivtsova, 9, kv.12)

Longitudinal and transverse growth of the muscles in young animals under conditions of modified activities. Arkh.anat.gist.i embr. 37 no.12:45-50 D '59. (MIRA 13:5)

1. Laboratoriya funktsional'noy morfologii cheloveka i zhivotnykh (zav. - kand.biol.nauk A.K. Koveshnikova) Zoologicheskogo instituta AN SSSR imeni P.F. Lesgafta.
(MUSCLES physiol.)

KONSTANTINOV, N.N.; BODROVA, N.A.

Some characteristics of the biology of black pepper (Piper nigrum L.) and methods of its propagation. Biul. Glav. bot. sada no.45:69-73 '62. (MIRA 16:2)

1. Glavnyy botanicheskiy sad AN SSSR.
(Peppers)

BODROVA, N.A. (Leningrad, F-31, pereulok Grivtsova, 9, kv.12)

Functional-morphological characteristics of muscles of the humerus and scapula in animals with different types of locomotion. Arkh. anat., gist. i embr. 45 no.12:51-56 D '63.
(MIRA 17:8)

1. Laboratoriya funktsional'noy morfologii (ispolnyayushchiy obyazannosti zaveduyushchego - Ye.A. Klebanova) Zoologicheskogo instituta AN SSSR, Leningrad.

S/051/62/012/003/005/016
E202/E192

AUTHORS: Buzhinskiy, I.M., and Bodrova, N.I.

TITLE: Spectral studies of glasses coloured with CdS and CdS·CdSe

PERIODICAL: Optika i spektroskopiya, v.12, no.3, 1962, 387-395

TEXT: Absorption and luminescence spectra of specially prepared 16 glasses of the same basic composition but with different Cd, S and Se contents were studied within the region of 300-700 mμ. Before thermal treatment Cd content varied from 0.17 to 0.65%; S from 0.03 to 0.30%; and Se, which was present in 12 glasses only, from 0.05 to 0.26%. The compositions were distributed on both sides of the stoichiometric requirements to combine S and Se. The glasses were subject to thermal treatments ranging from 540 to 640 °C, and a duration of 24 to 100 hours. The lowest temperature corresponded to the first appearance of colour. The absorption spectra were measured on spectrophotometer СФ-4 (SF-4), using samples of approximately 10, 1 and 0.2 mm thickness. The luminescence spectra were measured at ambient

temperatures only with the excitation by the 365 mμ Hg line, using a spectrometric arrangement as described by B.S. Netsorent and V.P. Klochkov (Ref.32: Izv.AN SSSR, ser.fiz., v.20, 1956, 601). All the luminescence spectra showed a bell-like shape and all the absorption spectra showed an increase in the shortwave region; however, the long wave branch varied considerably according to the thermal treatment and the relative pigment content. These changes, and the corresponding changes in the luminescence spectra were ascribed to the changes in the colour centres. At low temperatures the CdS or CdS.Se pigments were segregated as a molecular dispersion which, with the increase of its concentration, was introducing an increasing number of absorbing centres; when the temperature was raised to 560-580 °C the glass was supersaturated with the pigment and the latter would fall out as a crystallite. Furthermore, other complex changes in the spectra were thought to be due to the inadequate Cd content to combine all the S and Se atoms. The latter were introducing the impurity levels which could be accounted for in terms of the solid state physics.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205730004-0"

Spectral studies of glasses ... S/051/62/012/003/005/016
E202/E192

There are 6 figures and 3 tables.
SUBMITTED: January 14, 1961

Card 3/3

KOROTUN, M.V.; PAVLINOVA, A.V.; PROTSENKO, A.Ye.; TSAPLENKOVA, P.S.; BODROVA, N.I.

Photoelectrocolorimetric determination of large amounts of potassium in solution. Izv.vys.ucheb.zav.; khim.i khim.tekh. 4 no.6:1037-1039 '61. (MIRA 15:3)

1. Chernovitskiy gosudarstvennyy universitet i Kalushskiy kaliynyy kombinat.

(Potassium--Analysis)

BODROVA, N.N

Dissertations. Dept. of Biological Sciences, Jul-Dec 1957.
Vest. Ak Nauk SSSR, 1958, No. 4, pp. 120-122

At the Inst.of Microbiology the following dissertations were defended for the degree of Candidate of Biological Sciences:

I. M. MADIROVA - Functional Morphology of the Yeast Organism in Drying and Low Cooling/ on the Problem of the Anabiotic Cellular State.

MIKITINA, E. N. - Actinomycetes of the Globisporine Group.

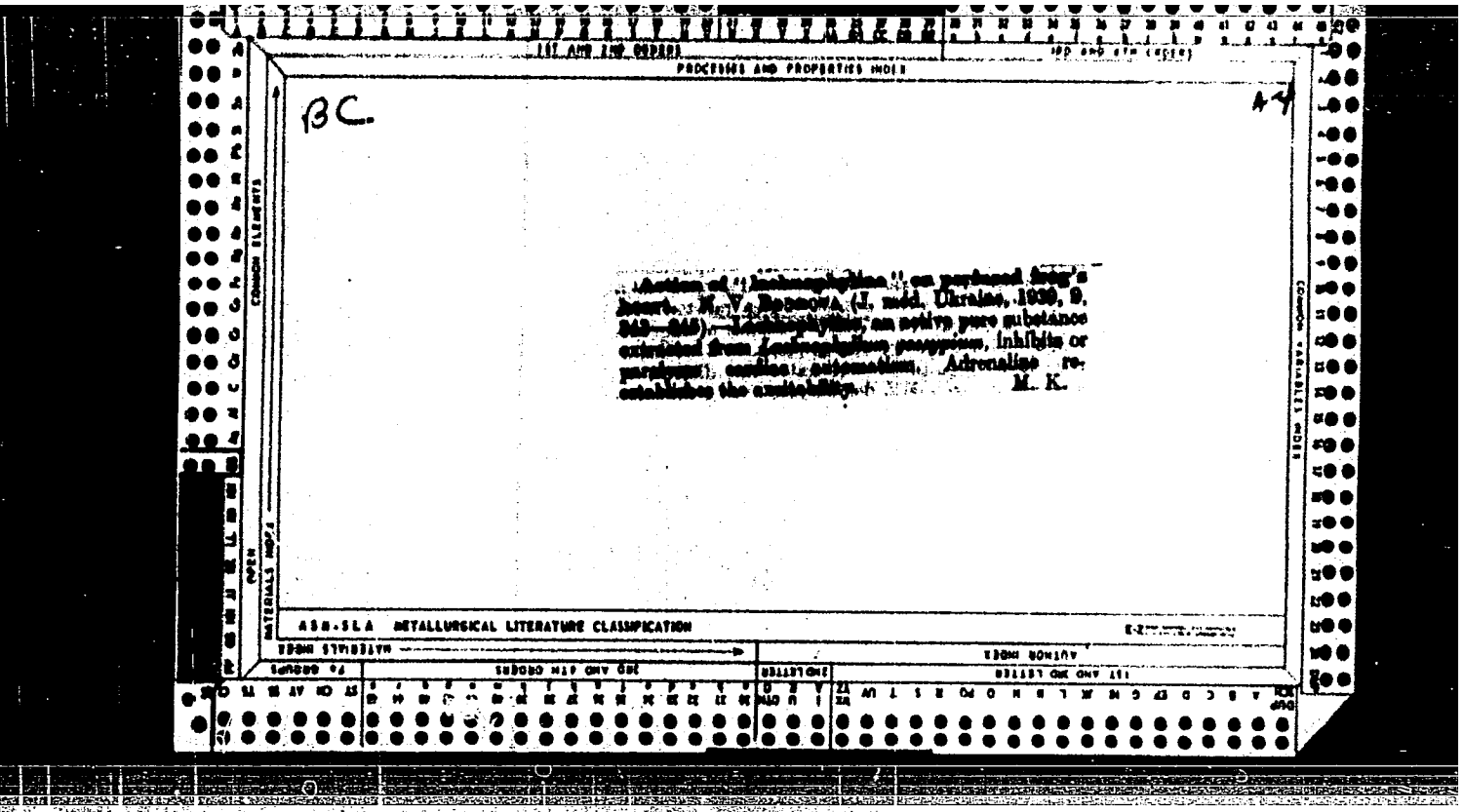
SMIRNOVA, L. S. - Influence of the Composition of the Medium on the Formation of the Amylase Aspergillus oryzae.

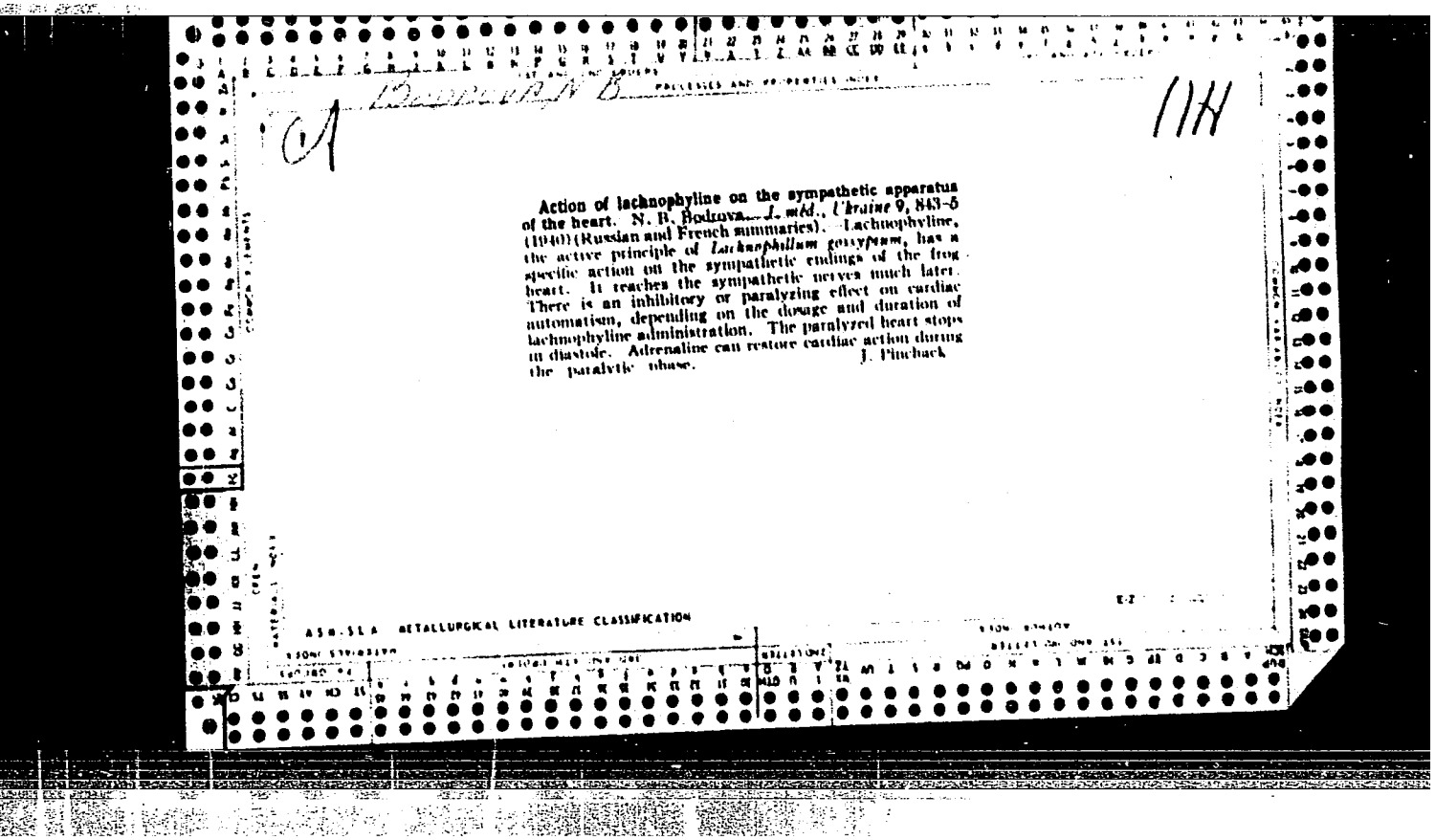
At the Institute of Animal Morphology im A. N. Severtsov:
for the degree of Dr. Biological Sciences:

BODROVA, N. N. - Comparative Data on the Innervation of the Coronary System of the Lancelets, Amphibia, and Reptiles.

for the degree of Candidate of Biological Sciences:

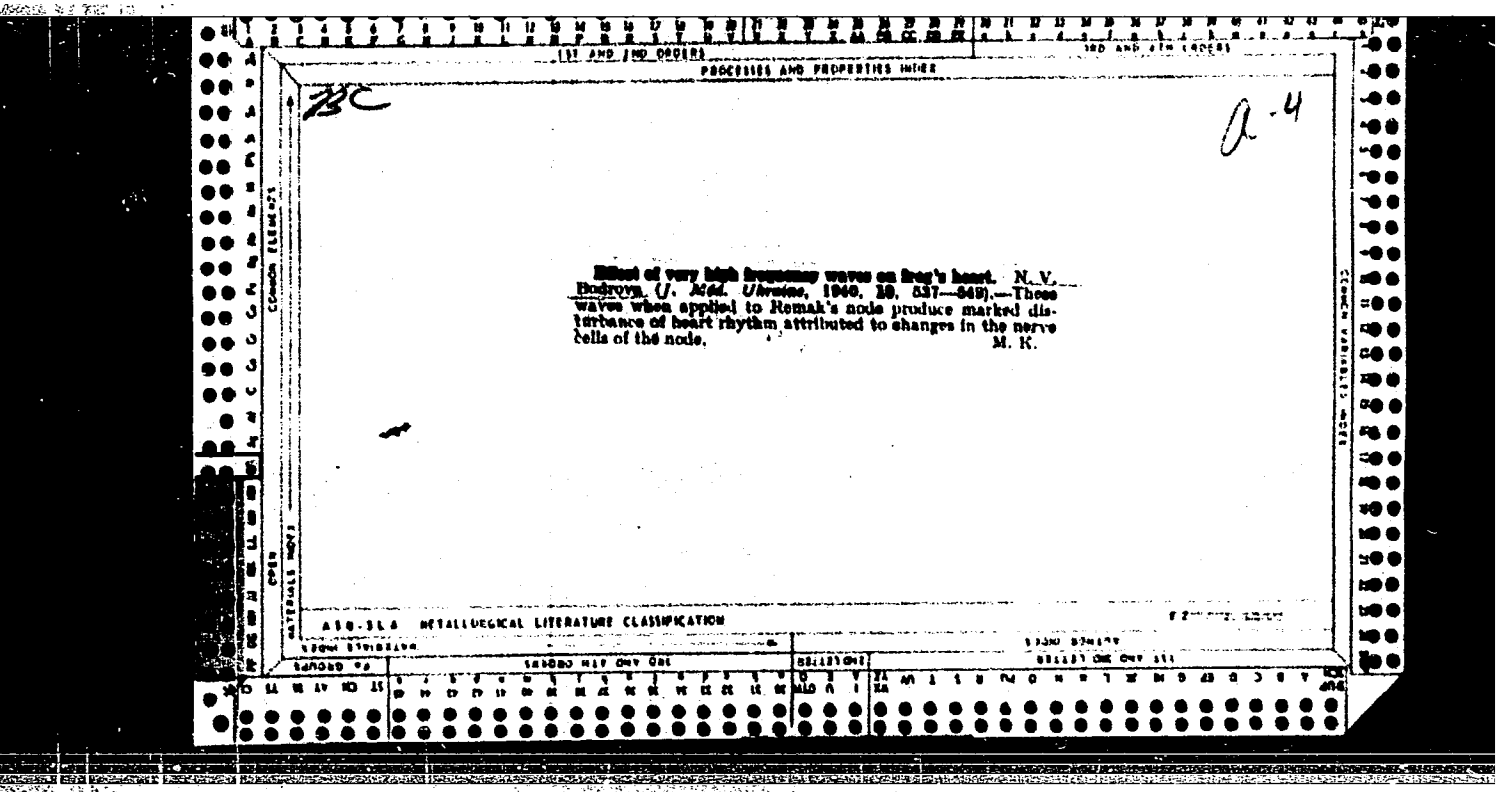
DMITRIYEVA, N. P. - Influence of High Intensity Ultra Sound on the Growing and the Metastase of the Intervined Broun-Pirs Tumor in Rabbits.

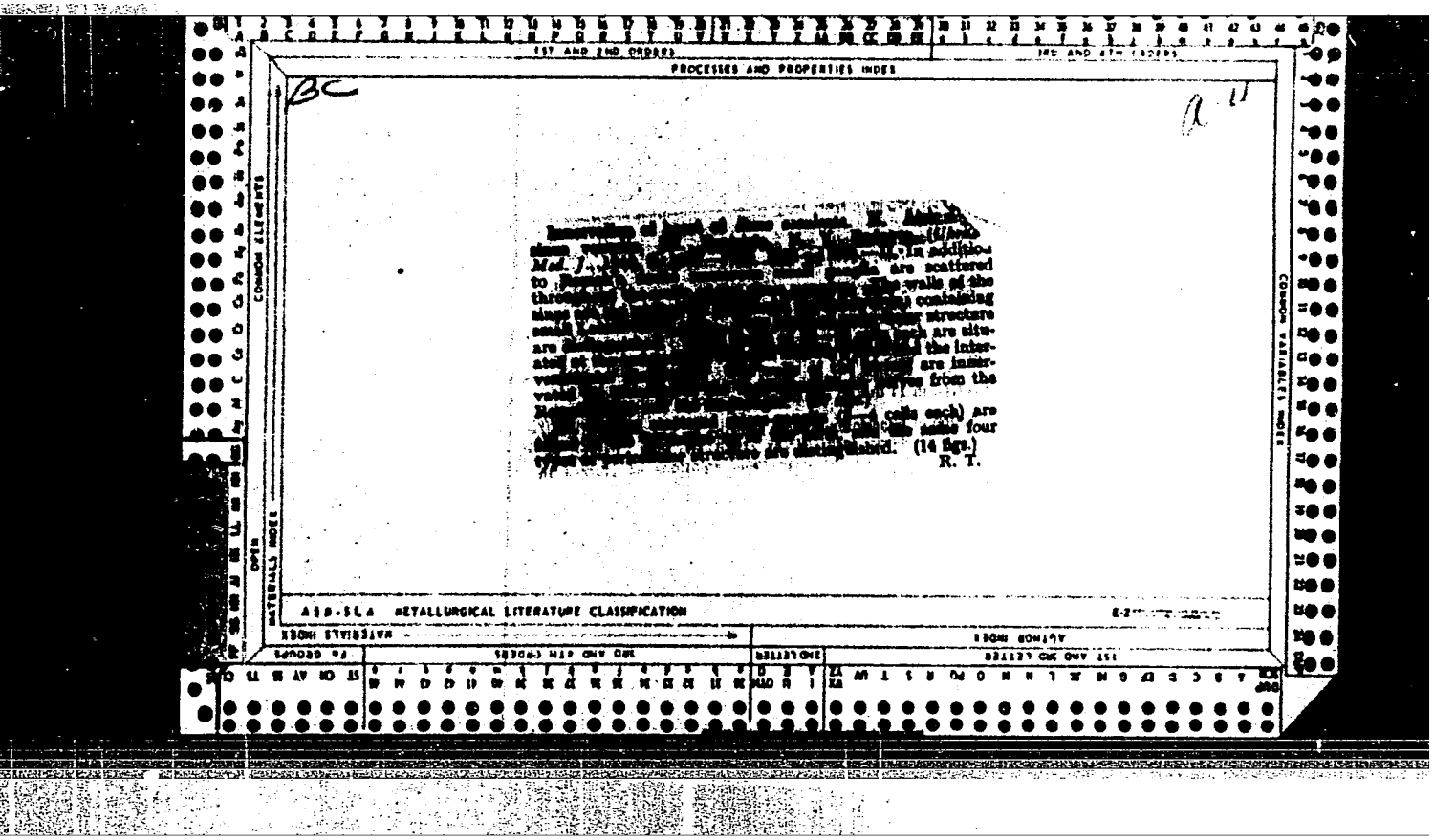




Action of lachnophyline on the sympathetic apparatus of the heart. N. B. Bodnova. *J. mikl., Ukraine* 9, 843–5 (1940) (Russian and French summaries). Lachnophyline, the active principle of *Lachnophillum gossypium*, has a specific action on the sympathetic endings of the frog heart. It reaches the sympathetic nerves much later. There is an inhibitory or paralyzing effect on cardiac automatism, depending on the dosage and duration of lachnophyline administration. The paralyzed heart stops in diastole. Adrenaline can restore cardiac action during the paralytic phase. J. Pinchack

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION





~~DOROVA~~, N.V.
Inst. of Zool. Acad. Sci. USSR.

"The Morphology of the Synapses of the Heart," Dok. An. 59, No. 4, 1948.

BODROVA, N.V.

Nervoud System - Vertebrata

Materials on experimental morphology of the nervous system inthe heart of fish and reptiles
Trudy Inst. zool. AN URSR 3, 1950

BODROVA, N.V.; KRAYUKHIN, B.V.

Method of making chronic fistulae in gastro-intestinal tract of fish.
J.Physiol.USSR '52, 38, 640-646.
(BA - AIII Ap '53:459) (MLRA 5:11)

BODROVA, N.V.; KRAYUKHIN, B.V.

Teachings of the great Russian physiologist Academician I.P. Pavlov and some problems in the physiology of water animals. Trudy Inst.gidrobiol.AN URSR no.27:15-27 '52. (MLRA 9:8)
(Pavlov, Ivan Petrovich, 1849-1936) (Fresh-water fauna)

BODROVA, N.V.; KRAYUKHIN, B.V.; MALYAREVSKAYA, A.Ya.

Importance of preparing artificial feed for its assimilation by young carp. Vop.ikht. no.6:149-155 '56. (MLRA 9:8)

1. Institut gidrobiologii Akademii nauk Ukrainskoy SSR.
(Carp) (Fishes--Food)

BODROVA, N. V., Doc Biol Sci -- (diss) "Comparative data concerning innervation of the cardiovascular system of the lancelet, fishes, amphibia and reptiles." Mos, 1957. 13 pp (Acad Sci USSR, Inst of Morphology of Animals im A. N. Severtsov), 100 copies (List of author's works pp 12-13 (KL, 52-57, 104)

BODROVA, N.V., kand.biol.nauk; KRAYUKHIN, B.V., kand.biol.nauk

Reaction to electric current in fishes. Trudy sov.Ikht.kom no.8:124-131 '58. (MIRA 11:11)

1. Institut gidrobiologii AN USSR.
(Electricity--Physiological effect) (Fishes)

BODROVA, N.V.; KRAYUKHIN, B.V.

Outstanding Ukrainian scientist Aleksandr Vasil'evich Leontovich. Fiziol. zhur. [Ukr.] 5 no.5:689-696 S-O '59 (MIRA 13:3)

1. Institut biologii vodokharnilishch AN SSSR, Moskva.
(LEONTOVICH, ALEKSANDR VASIL'EVICH, 1869-1943)

BOIROVA, N.V.

Perepheral neural apparatus of the chemical sense in the burbot. Trudy Inst. biol. vodokhran. no.3:248-265 '60. (MIRA 14:3)
(Burbot) (Nervous system--Fishes)

BODNOVA, N.V.; KRAYUKHIN, B.V.

Role of the receptors of the body in the mechanism of the action of electric current on fishes. Trudy Inst. biol. vodokhran. no.3:266-272 '60. (MIRA 14:3)
(Nervous system—Fishes) (Electricity—Physiological effect)

BODROVA, N.V.; KRAYUKHIN, B.V.

Mechanism of the effect of electrical current on fish. Fiziol. zhur. 47 no.7:913-917 Jl '61. (MIRA 15:1)

1. From the Laboratory of Fresh-water Fauna, U.S.S.R. Academy of Sciences Institute of Water Storage Reservoir Biology, Moscow.
(FISHES--PHYSIOLOGY) (ELECTROPHYSIOLOGY)

BODROVA, N.V.

Receptors of the chemical sense in the bream (Abramis brama(L.)).
Vop.ikht. 2 no.4:693-702 '62. (MIRA 16:2)

1. Institut biologii vodokhranilishch Akademii nauk SSSR, pochtovoye otdeleniye Borok, Yaroslavskoy oblasti.
(Bream) (Sense organs--Fishes)

BODROVA, N.V.; KRAYUKHIN, B.V.

Basic results of the study of fish physiology. Trudy Inst. biol.vnutr.vod. no.9:39-47 '65.

(MIRA 19:1)

LIVSHITS, G.I.; BODROVA, S.M.; CHERKALEVA, N.Ye.

Over-all suggestion for saving electric power in refrigeration processes. Prom.energ. 13 no.10:22-23 S[i.e.O.] '58. (MIRA 11:11)

(Electric power) (Refrigeration and refrigerating)

BODROVA, V.V.; DROGALEVA, I.V.; KISELEV, B.A.; KOROLEV, A.Ya.; LEZNOV, M.S.; MINDLIN, Ya.I.

Method for improving the properties of glass plastics. Plast. massy no.3:30-32 '63. (MIRA 16:4)

(Glass reinforced plastics)

L 17472-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS AFFTC/ASD Ps-4/Pr-4/Po-4 RM/

ACCESSION NR: AP3004774 S/0191/63/000/008/0036/0041 WW

75

AUTHORS: Kiselev, B. A.; Bodrova, V. V.

TITLE: Stabilization of fiberglass properties by introduction of active compounds into the bonding composition

SOURCE: Plasticheskiye massy*, no. 8, 1963, 36-41

TOPIC TAGS: fiberglass property, fiberglass binder, fiberglass stabilization, FN binder, VFT binder, BF-2 binder, diethoxysilane

ABSTRACT: Fiberglass bonded with polycondensation products (FN, VFT, BF-2) can be stabilized by incorporating chemically-active compounds in the binder which have two types of functional groups - capable of hydrolysis and capable of reacting with the binders. Several possible courses of reaction are presented. Diethoxysilanes having OH groups (MR-1) and NH_2 groups (AM-2 and imported products A 1100 and 3100 w) in the organic radical were investigated. AM-2 increased fiberglass strength 2 to 3 times, increased stability of dielectric properties. 3-5% AM-2 was optimum in improving physico-mechanical properties. MR-1 increased moisture-stability. Orig. art. has: 8 figures, 6 tables, and 2 formulas.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 28Aug63 ENCL: 00

SUB CODE: MA, CH NO REF SOV: 001 OTHER: 004

Card 1/1

L 58360-65 EWG(j)/EPA(s)-2/EWT(m)/EPF(c)/EPF(n)-2/EPR/EWP(j)/T/EWA(h)/EWA(l)
Pc-4/Pr-4/Ps-4/Pt-7/Peb/Pu-4 WW/GG/RM

ACCESSION NR: AP5018038 UR/0191/65/000/007/0035/0038
678.06-419:677.521:621.039.83

AUTHOR: Kiselev, B. A.; Yegorova, Z. S.; Karpov, V. L.; Bodrova, V. V.; Porokhov, V. S.

TITLE: Use of irradiation to improve glass-reinforced plastics

SOURCE: Plasticheskiye massy, no. 7, 1965, 35-38

TOPIC TAGS: glass reinforced plastic, property improvement, irradiation, gamma radiation

ABSTRACT: The feasibility of substituting α-irradiation for heat treatment in order to improve the mechanical properties of very thick glass-reinforced plastics (GRP) has been studied because heat treatment sometimes causes undesirable side effects. GRP based on the following binders were irradiated with small doses (up to 100 krad): EP-32-301 (epoxy-phenol type), FN (phenol-furfural-formaldehyde type), VFT-S (phenol-formaldehyde + polyvinyl butyral + an organosilicon monomer [unspecified]), and SK-92 (epoxy + an organosilicon monomer). The effect was determined of the α-irradiation on various mechanical and physical properties whose improvement is desirable, such as tensile strength, modulus of elasticity, and, in some cases, softening point.

Card 1/2

L 58360-65

ACCESSION NR: AP5018038

It was found that irradiation with small doses improves the physical and mechanical properties of GRP based on binders containing double bonds or epoxy groups. On the other hand, such irradiation impaired the properties of GRP based on modified phenol-formaldehyde and organosilicon binders which contain no double bonds or epoxy groups. Orig. art. has: 5 tables and 6 figures. [SM]

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, NP

NO REF SOV: 001 OTHER: 000 ATD PRESS: 4047

Card 2/2

L 59477-65 EWG(j)/EWT(m)/EPF(c)/EPF(n)-2/EWP(j)/T/EWA(h)/EWA(l) Pc-4/Pr-4/
Peb/Pu-4 IG/RM

ACCESSION NR: AP5014687 UR/0191/65/000/006/0018/0023
678.674.028:621.039.83

AUTHOR: Yegorova, Z. S.; Slovokhotova, N. A.; Karpov, V. L.; Kiselev, B. A.; Bodrova, V. V.

TITLE: Study of processes taking place in the course of radiation-induced hardening of various types of unsaturated condensation resins

SOURCE: Plasticheskiye massy, no. 6, 1965, 18-23

TOPIC TAGS: radiation hardening, unsaturated resin, resin structure, polymer structure, thermal hardening

ABSTRACT: A number of various unsaturated resins were hardened by exposure to radiation from a Co^{60} source. Doses of 0.5—50 Mrad were used. The irradiation was conducted in air. Parallel hardening by thermal treatment was undertaken for comparison purposes. All the resins investigated can be divided into two categories: those which are hardened by relatively small doses of radiation (0.5—8 Mrad), and those which are not. The first category consists of unsaturated polyester resins, such as diethylene glycol maleinate phthalate and polyesters with terminal methacrylate groups, and the second category, of such resins as ethyleneglycol maleinate, epoxy resins, phenol-formaldehyde resin, and epoxy-phenolic resin. The structure of

Card 1/2

L 58477-65

ACCESSION NR: AP5014687

the hardened samples was studied by observing their infrared absorption spectra. Conclusions made were based on measurements of IR bands associated with carbon—carbon double bonds, enone groups, ether and ester functions, carbonyl, and other groups. It was found that unsaturated polyester resins harden most easily under the influence of radiation. Both thermal and radiation-induced hardening of unsaturated polyester resins depend on the reaction of double bonds in the resin. While irradiation of the phenol-formaldehyde resin (novolac type) solution in furfurol involves a reaction of furfurol with the diene function of the resin, thermal hardening of the same resin probably depends on the reaction of furfurol with carbonyl groups and concurrent polymerization of furfurol. Orig. art. has: 7 figures. [VS]

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, NP

NO REF SOV: 004 OTHER: 007 ATD PRESS: 4019

Card 2/2

KISELEV, B.A.; YEGOROVA, Z.S.; KARPOV, V.L.; BODROVA, V.V.; POROKHOV, V.S.

Use of irradiation in the manufacture of glass plastics. Plast. massy no.7:35-38 '65. (MIRA 18:7)

L 9692-66 EWT(m)/EWP(v)/EWP(j)/T/ETC(m) WW/RM

ACC NR: AP6000994 SOURCE CODE: UR/0286/65/000/022/0061/0062

INVENTOR: Kiselev, B. A.; Severnyy, V. V.; Zhdanov, A. A.; Bodrova, V. V.; Guttsayt, E. Yu.; Semichev, V. P.

ORG: none

TITLE: Preparative metnod for glass-reinforced plastics. Class 39, No. 176421

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 61-62

TOPIC TAGS: glass, reinforced plastic, binder, organosilicon compound

ABSTRACT: An Author Certificate has been issued for a preparative method for glass-reinforced plastics based on organosilicon binders. To lower the curing temperature, a mixture of low-molecular-weight liquid polyorganosiloxanes containing Si-H groups and polyorganosiloxanes with vinyl substituents on the Si atom are used as the binder. [BO]

SUB CODE: 11/ SUBM DATE: 29Dec64/ ATD PRESS: 4157

Card 1/1 UDC: 678.84

BODROVA, V. YA.

Bodrova, V. Ya. and Litskin, Ya. I. - "The treatment of dysentery with sulfidine enemas", Vrachsb. delo, 1949, No. 4, paragraphs 317-18.

SO: U-4329, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 21, 1949).

1. PCHELKIN, V. U.: BODROVA, Ye. M.

2. USSR (600)

4. Fertilizers and Manures

7. Preparation and application of organic-mineral granulated fertilizers. Dost. sel'khoz. No. 3, 1952.

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

BODROVA, Ye.M.; OZOLINA, Z.D., kand.sel'skokhozyaystvennykh nauk

Accumulation and storage of local organic fertilizers in winter. Zemledelie 6 no.12:22-27 D '58. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.

(Farm manure)

BODROVA, Yevdokiya Maksimovna, kand. sel'khoz. nauk; OZOLINA, Zoya Dmitriyevna, kand. sel'khoz. nauk; ULIN, I.I., red.; SAYTANIDI, L.D., tekhn. red.

[Organic fertilizers and their use] Organicheskie udobreniia i ikh ispol'zovanie. Moskva, Izd-vo MSKh RSFSR, 1961. 193 p. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya (for Bodrova, Ozolina).
(Fertilizers and manures)

BODROVA, Yevdokiya Maksimovna, kand. sel'khoz. nauk; OZOLINA, Zoya Dmitriyevna, kand. sel'khoz.nauk; ULIN, I.I., red.; SAYTANIDI, L.D., tekhn. red.

[Organic fertilizers and their use]Organicheskie udobreniia i ikh ispol'zovanie. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1961. 193 p. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya (for Bodrova, Ozolina).
(Fertilizers and manures)

BODROVA, Yevdokiya Maksimovna, kand. sel'khoz. nauk; OZOLINA, Zoya Dmitriyevna, kand. sel'khoz. nauk; SHULEYKIN, P.A., red.; KUDRYAVTSEVA, O.V., tekhn. red.

[Organic fertilizers] Organicheskie udobreniia. Moskva, Izd-vo "Znanie," 1963. 52 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no.10) (MIRA 16:10)
(Farm manure) (Compost)

BODROVA, Yevdokiya Maksimovna, kand. sel'khoz. nauk; OZOLINA, Zoya Dmitriyevna, kand. sel'khoz. nauk; BORODKINA, L.A., red.

[Simultaneous use of organic and mineral fertilizers] Sovmestnoe primenenie organicheskikh i mineral'nykh udobrenii. Moskva, Rossel'khozizdat, 1965. 139 p. (MIRA 18:8)

DAVIDOVIC, M.; POPESKOVIC, D.; IGIC, Ljubinka; BODROZIC, Sava; LENARTIC, Vera

Continuation of the functional manifestations of an isolated heart in Ringer's solution. Glas prir mat SAN no.253:1-16 '60. (EEAI 10:5)

1. Fiziologski zavod Prirodno-matematickog fakulteta Univerziteta u Beogradu.
(Heart) (Ringer solution)

DAVIDOVIC, M.; POPESKOVIC, D.; IGIC, Ljubinka; BODROZIC, Sava; LENARTIC, Vera

Concerning the duration of functional manifestations of an isolated heart in the Ringer solution. Glas Prir mat SANU 243 no.20:1-16 '60.

1. Fiziloski zavod Prirodno-matematickog fakulteta Univerziteta u Beogradu

PUTINTSEVA, M.A.; BODRTDINOV, A.Z.; OSTROUMOV, V.L.; PUTINTSEV, Ye.A.; SIDASHOV, A.I.; KHOMENKO, V.A.; LETNEV, B.Ya., red.; KOBYAKOVA, G.N., tekhn. red.

[Technical maintenance of machines and tractors by expert machine adjusters] Tekhnicheskoe obsluzhivanie mashinno-traktornogo parka masterami-naladshikami. Moskva, Sel'khozizdat, 1963. 87 p. (MIRA 16:10)
(Agricultural machinery--Maintenance and repair)

PUTINTSEVA, M.A., nauchnyy sotr.; KRASNOSHCHEKOV, N.V., nauchnyy sotr.; BODRTDINOV, A.Z., nauchnyy sotr.; PESTRYAKOVA, A.I., red.; SOKOLOVA, N.N., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[Higher speeds in the fields of Siberia] Povyshennye skorosti na poliakh Sibiri. Moskva, Sel'khozizdat, 1962. 86 p. (MIRA 15:6)

1. Sibirskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva (for Putintseva, Krasnoshchekov, Bodrtdinov).
(Siberia—Tractors)

PUT'INTSEVA, M.A.; BODRTDINOV, A.Z.; OST'ROUMOV, V.L.; PUTINTSEV, Ye.A.; SIDASHOV, A.I.; KHOMENKO, V.A.; LETNEV, B.Ya., red.; KOBYAKOVA, G.N., tekhn. red.

[Technical maintenance of machines and tractors by expert machine adjusters] Tekhnicheskoe obsluzhivanie mashinno-traktornogo parka masterami-naladzhikami. Moskva, Sel'khozizdat, 1963. 87 p. (MIRA 16:10)
(Agricultural machinery--Maintenance and repair)

AUTHOR: Bodrunov, L.D., Engineer

118-58-6-7/21

TITLE: Experience in Drifting Developmental Mine Workings by Using the Hydraulic Method (Opyt prokhozhdeniya podgotovitel'nykh vyrabotok gidravlicheskim sposobom)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 6, p 18 (USSR)

ABSTRACT: Describing the working of a hydraulic mining complex in the mine Nr 4 in Yenakiyevo (Donbass), the author points out the good results of applying the hydraulic method. This considerably improved the technical and economic characteristics of the mine. There are 2 diagrams.

1. Coal mining--USSR 2. Hydraulics--Applications 3. Hydraulics --Economic aspects

Card 1/1

BODRYAGIN, V.I.; LEVCHENKO, I.A.; FRANTSEVICH, L.I.; SHALIMOV, I.I.

Sounds produced by honeybees during their signal movements. Dokl. AN SSSR 166 no.3:753-756 Ja '66.

(MIRA 19:1)

1. Institut zoologii AN UkrSSR. Submitted March 10, 1965.

BODRYAGINA, Anna, master sporta, absolyutnyy chempion po samoletnomu sportu na 1950 god.

Don't rest on your laurels. Kryl.rod.2 no.3:10 Mr '51. (MLRA 10:2)
(Women in aeronautics)

BODRYASHKIN, A.

AUTHOR: Bodryashkin, A. (Moscow) 107-57-6-44/57

TITLE: Constructing a Voltage Divider. Experience exchange (Izgotovleniye delitelya napryazheniya)

PERIODICAL: Radio, 1957, Nr 6, p 51 (USSR)

ABSTRACT: Converting an ordinary potentiometer to a voltage divider by addition of a simple positioning spring is recommended. Two figures illustrate the alteration.

AVAILABLE: Library of Congress

Card 1/1

RODRYASHKIN, A.N., inzhener.; VORONIN, P.T., inzhener; SORIN, M.F., inzhener.

Instruments for checking extruded connectors. Elek.sta. 27 no.4: 60 Ap '56. (MLRA 9:8)

(Electric instruments)

BODRYASHKIN, YA. V

BODRYASHKIN, Ya.V.

Hydraulic parameters at the beginning of the motion of sand drifts. Meteor.i gidrol. no.10:30-33 O '57. (MIRA 10:11)
(Sand bars)

SOV/124-58-8-8778 D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 64 (USSR)

AUTHOR: Bodryashkin, Ya.V.

TITLE: The Critical Value of the Force of Attraction of a Flow of Water (Kriticheskaya velichina sily vlecheniya potoka)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Tashkentsk. in-t inzh. irrigatsii i mekhaniz. s. kh. (Tashkent Engineering Institute of Irrigation and Mechanization of Agriculture), Tashkent, 1958

ASSOCIATION: Tashkentsk. in-t inzh. irrigatsii i mekhaniz. s. kh. (Tashkent Engineering Institute of Irrigation and Mechanization of Agriculture), Tashkent

Card 1/1

BODRYASHKIN, Ya.V.

Determining speeds for maximum stability conditions of deposits on the stream bottom. Izv.AN Uz.SSR. Ser.tekh.nauk no.2:40-54 '61. (MIRA 14:3)

1. Tashkentskiy institut irrigatsii i mekhanizatsii sel'skogo khozyaystva.
(Hydrodynamics) (Alluvium)

BODRYASHKIN, Ya.V.

Comparing available formulas for the tractive force and the stream gradient at the beginning of erosion with the results of laboratory investigations. Trudy TIIIMSKH no.8:158-165 '57. (MIRA 15:5)

(Hydraulics)

TIMOFEYEVA, T. Ye.; SMOLYAK, L.I.; KLYKACHEV, V.A.; BODRYGIN, G.I.

EKS-1 radiotelemetric double-channel electrocardiospirograph.
Trudy VNIIMIO no.3:134-145 '63 (MIRA 18:2)

BODRIY, M.

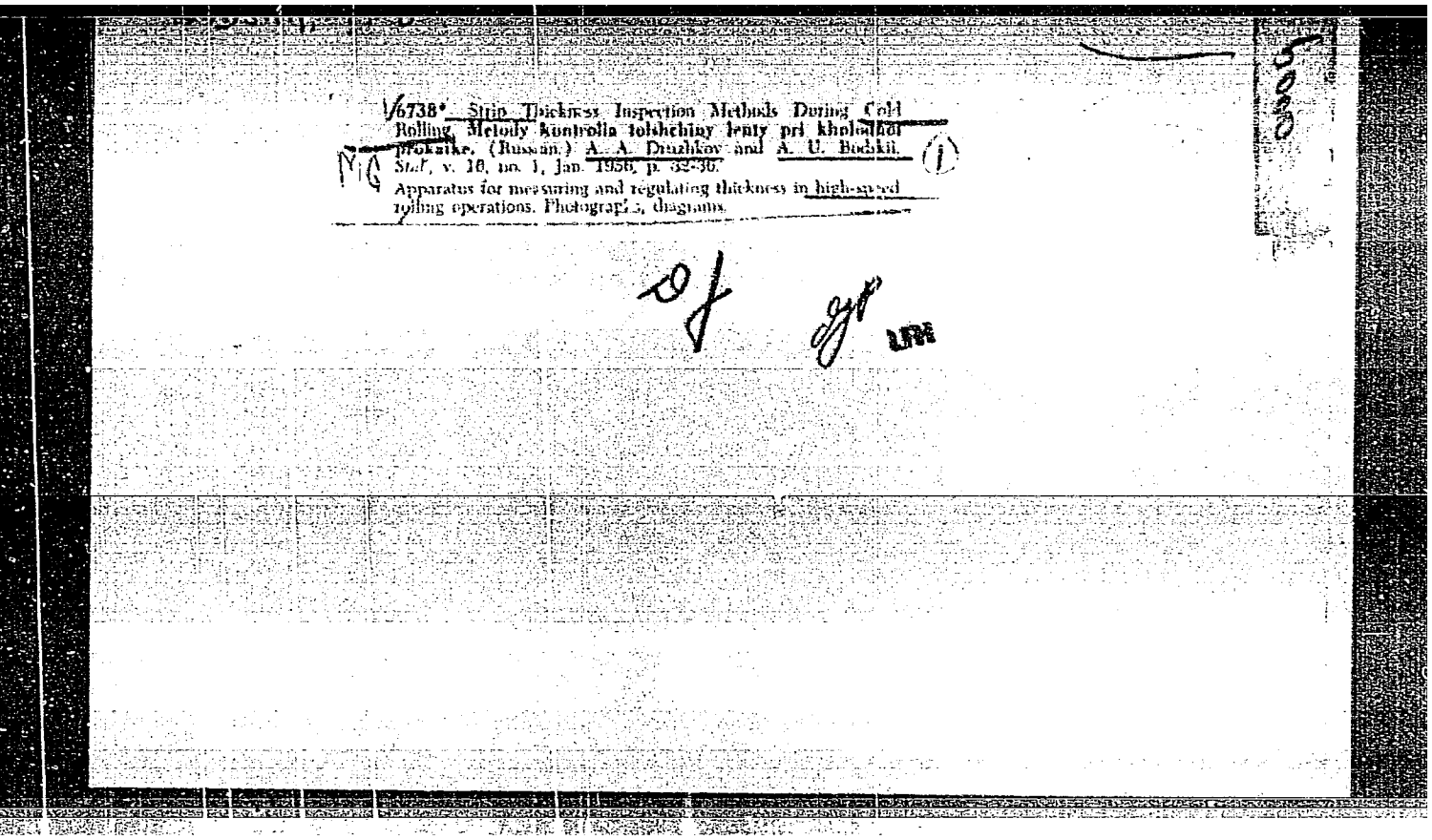
Pedagogical mastery. Proizv.obuch. 5 no.1:23-24 Ja '48. (MLRA 7:6)
(Technical education) (Manual training)

BODRYY, M.; GUSEYNOV, M.; AGRETKIN, S.N., red.; ATADZHANOV, A., red.; BIRA, Ya.I., red.; GEL'DYYEV, A., red.; GOLOVKIN, A.V., red ; MAMEDKULIYEV, A., red.; MATALOV, Ch., red.; KHALMURADOV, B., red.

Sovet Turkmenistany. Soviet Turkmenistan. Ashkhabad, Turkmenskoe izd-vo, 1964. 103 p. [In Turkmen, Russian, English, and Arabic] (MIRA 18:4)

SHATALOV, Vasiliy Ivanovich; BOIRYY, M., red.

[Treasures of Mount Gaurdak] Sokrovishcha Gaurdak-gory. Ashkhabad, Izd-vo "Turkmenistan," 1965. 93 p.
(MIRA 18:12)



V6738* Strip Thickness Inspection Methods During Cold Rolling. Metody kontrolia tolshchiny lenty pri kholodnoi prokatke. (Russian.) A. A. Druzhkov and A. U. Budkii. Stal', v. 16, no. 1, Jan. 1956, p. 32-36.

Apparatus for measuring and regulating thickness in high-speed rolling operations. Photographs, diagrams.

BODULIN, V. P.

Bodulin, V. P. "Four phases of the anatomy of underweight people in the pathology and clinical aspects of localized pulmonary diseases," (Doctoral dissertation), Trudy Kubyshevsk. gos. med. in-ta, Vol. I, 1948, p. 25-39

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

BODULIN, V. P., Docent PA 17/49T101

USSR/Medicine - Surgery Mar 48
Medicine - Biography

"In Honor of Sergey Pavlovich Shilovtsev," Docent V. P. Bodulin, 3/4 p

"Vest Khirurgii" Vol LXVIII, No 3

Summarizes career of Prof S. P. Shilovtsev, surgeon.

[redacted] 17/49T101

BODULIN, V. P.

27972. BODULIN, V. P.— K 25-letiyu vrachebnoy, nauchnopedagogicheskoy i obshchestvennoy deyatel'nosti professora S. P. Shilovtseva. Yubileynyy sbornik khirurg. Rabot, posvyashch. Prof. Shilovtsevu. Kuybyshev, 1949, S. 11-17, S. Portr.

SO: Letopis' Zhurnal'nykh Statey. Vol. 37, 1949.

BODULIN, V. P.

27891. Novyye kliniko anatomicheskiye dannyye o stroyenii legkikh chloveka. Yubileynyy sbornik khirug. Rabot, posvyashchiprof. shilovtsevu. Kuybyshev, 1949, S. 196-217.

SO: Knizhaya Letopis, Vol. 1, 1956

BODULIN, V. P.

35515. Skeletotopiya Legkikh V Svete Ikh Chetyrekhdlevogo Deleniya. V SB: Voprosy Grudnoy Khirurgii. T. III. M., 1949, c. 35-38.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

BODULIN, V.P., prof.; SKIBA, V.M.; ZINCHENKO, G.P.; KAPLAUKHOVA, T.N.; KLIMENKO, M.I., student

Change in the blood in echinococcosis. Uch. zap. Stavr. gos. med. inst. 8:172-176 '63 (MIRA 17:7)

1. Kafedra obshchey khirurgii (zav. kafedroy prof. Yu.S. Gilevich) Stavropol'skogo meditsinskogo instituta (rektor zasluzhennyy deyatel' nauki, prof. V.G. Budylin) i 2-ye khirurgicheskoye otdeleniye Stavropol'skoy krayevoy klinicheskoy bol'nitsy (glavnyy vrach Yu.P. Zotov).

BODULIN, V.P., prof.; SHKLYAREVSKAYA, Ye.V., kand. med. nauk; YEROMYSH'YAN, G.A., student.

Topical diagnosis of pulmonary echinococcosis. Uch. zap. Stavr. gos. med. inst. 8:177-187 '63 (MIRA 17:7)

1. Kafedra obshchey khirurgii (zav. - prof. V.P. Bodulin) Stavropol'skogo meditsinskogo instituta (rektor zasluzhennyy deyatel' nauki, prof. V.G. Budylin).

BODULIN, V.P., prof.; SHKLYAREVSKAYA, Ye.V., kand. med. nauk

Topical diagnosis of hydatids of the lungs. Uch. zap. Stavr. gos. med. inst. 12:205 '63. (MIRA 17:9)

1. Kafedra obshchey khirurgii (zav. prof. Yu.S. Gilevich) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

BODULIN, V.V., aspirant

Clinical observations on the regeneration of the intrajoint formations of the kneww following their removal. Uch. zap. Stavr. gos. med. inst. 12:267 '63.

Surgical treatment of internal injuries of the knee joint. Ibid.:268-269 (MIRA 17:9)

1. Kafedra gospital'noy khirurgii (zav. prof. P.M. Kovalevskiy) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

Bodulina, T. V.

USSR / Microbiology. Microbes Pathogenic to Man and Animals. Bacteria. Bacteria of the Intestinal Group. F-5

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72175.

Author : Budylina, V. V.; Illyutovich, A. Yu.; Petrova, Z. S.; ~~Bodulina~~, T. V.; Golubeva, Ye. Ye.; Titrova, A. I.; ~~Chetvernina~~, R. S.

Inst : Stavropol Scientific-Research Institute of Vaccines and Sera.

Title : Experimental-Biological Model of Bacterial Dysentery.

Orig Pub: Sb. nauchn. tr. Stavropol'sk. n.-i. in-t vaktsin i syvorotok, 1957, vyp. 4, 85-97.

Abstract: Kittens aged 2-5 months were infected orally with a local strain of a Flexner type W in a quantity of 1-8 billion microbe bodies. Development of

Card 1/3

USSR / Microbiology. Microbes Pathogenic to Man and Animals. Bacteria. Bacteria of the Intestinal Group. F-5

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72175.

Abstract: for dysentery. The authors think that kittens must serve as an experimental-biological model for the study of the problems of pathogenesis and immunity from dysentery. -- F. I. Yershov.

Card 3/3

BODULINA, T.V.

USSR/Microbiology - Microorganisms Pathogenic to Humans and Animals. F-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9960

Author : Budylina, V.V., Illyutovich, A.Yu., Petrova, Z.S., Bodulina, T.V., Golubeva, Ye.Ye., Titrova, A.I., Chetverina, R.S.

Inst : -

Title : Experimental Bacterial Dysentery.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 2, 70-75

Abstract : Kittens at the age of 2-5 months were infected by a suspension of Flexner dysentery culture (strain No 6176) mixed with milk. All 15 kittens became ill with typical dysentery clinical symptoms. Flexner dysentery bacilli were isolated from excreta and different organs. Accumulation of agglutinins in the blood was noted 6 days after infection, and lasted all through the illness. During severe and moderate gravity of dysentery an inhibition of the

Card 1/2

BODUN, A.

Self-recording of the workday. Sov.profsoiuzy 19 no.4:20-21 F '63. (MIRA 16:2)

1. Starshiy insh. normativno-issledovatel'skoy gruppy otdela truda i zarabotnoy platy Moskovskogo shinnogo zavoda.
(Moscow--Time study) (Moscow--Tires, Rubber)

BODUNGEN, I.N.; PORUBANSKIY, Yu.A.; ODNOSUMOV, Ye.Ya., nauchn. red.; ZVORYKINA, L.N., red.; GOL'BERG, T.M., tekhn. red.

[Adjustment of equipment in electric substations] Naladka oborudovaniia elektricheskikh podstantsii. Moskva, Gosstroiizdat, 1963. 167 p. (MIRA 17:1)

SAMOVER, M.L.; BODUNGEN, I.N.; CHUMAK, L.K.

Problem concerning the choice of the cross section of common wires in networks with gas-discharge light sources. Prom. energ. 16 no.8:40-42 Ag '61. (MIRA 14:9)
(Electric lighting--Wiring)

BODUNGEN, N.F.; ASEYEVA, S.M.

Use of "anstipin" in the treatment of pulmonary tuberculosis; preliminary report. Trudy AMN SSSR 22:25036 '52. (MLRA 6:6)

(Antibiotics) (Tuberculosis)

BODUNGEN, N.F.

Treatment of different forms of pulmonary tuberculosis with small doses of streptomycin in combination with "ecmolin." Trudy AMN SSSR 22:47-50 '52.

(MLRA 6:6)

(Tuberculosis) (Streptomycin) (Antibiotics)

BODUNGEN, N. F.

Treatment of various forms of pulmonary tuberculosis with ecmoline. Tr. Akad. med. nauk SSSR Vol.22:47-50 1952.

(CLML 25:5)

BODUNGEN, N.F.

Time factor in surgical therapy of tuberculosis. Sov.med. no.2: 16-18 F '54. (MLRA 7:1)

1. Iz sanatoriya im. V.I.Lenina v Gul'ripshi (glavnyy vrach V.D. TSintsabadze). (Tuberculosis)

ANTELAVA, N.V., prof. (Tbilisi), BODUNGEN, N.F., zasluzhenny vrach Abkhazskoy ASSR (Sukhumi),

Surgical technic in operative treatment of cavernous pulmonary tuberculosis. Sov.med. 22 no.5:10-13 My '58 (MIRA 11:7)

1. Chlen-korrespondent AMN SSSR (for Antelava).
(TUBERCULOSIS, PULMONARY, pathol.
cavernous, technics (Rus))

BODUNGEN, I.N.; PANOVA, V.L., red.

[Safety engineering manual for the repairmen of electrical equipment] Pamiatka po tekhnike bezopasnosti dlia naladchikov elektroustanovok. Moskva, Gos. energ. izd-vo, 1961. 30 p. (MIRA 14:10)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye po proizvodstvu elektromontazhnykh rabot.
(Electric apparatus and appliances—Safety measures)
(Electric apparatus and appliances—Maintenance and repair)

BODUNKOV, I.I.

Derzhinskiy District in the capital. Gor.khoz.Mosk. 31 no.11:25-27 N '57. (MIRA 10:12)

1.Predsedatel' Dzerzhinskogo rayispolkoma.
(Moscow--City planning)

BODUNKOV, I.I.

Practices in using housing of a district. Gor.khoz.Mosk. 36 no.7:10-13 Jl '62. (MIRA 16:1)

1. Predsedatel' ispolnitel'nogo komiteta Baumanskogo rayonnogo Soveta deputatov trudyashchikhsya, Moskva.
(Housing management)

BODUNKOV, N.

Forge shop of specialists. Mest.prom.i khud.promys. 3 no.4: 14-15 Ap '62. (MIRA 15:5)

1. Rektor Moskovskogo tekhnologicheskogo instituta mestnoy promyshlennosti.
(Moscow--Industrial arts--Study and teaching)

BODUNKOV, N.

Start working, young specialists! Prom.koop. 14 no.7:28 Jl '60. (MIRA 13:8)

1. Direktor Vysshey shkoly promyslovoy kooperatsii.
(Cooperation--Study and teaching)

BODUNOV, A.

Factory committee as an organ of collective supervision. Sov. profsoiuzy 18 no.5:22-23 Mr '62. (MIRA 15:3)

1. Predsedatel' komiteta profsoyuza Leningradskogo karbyuratornogo zavoda imeni V.V.Kuybysheva.
(Leningrad--Carburetors)

BODUNOV, B.A.; CHERNYAVSKAYA, N.A.

Results of the use of galanthamine, ochinopsine and peganine in myopathy and in the lesions of peripheral motoneurons. Trudy 1-go MMI 24:330-337 '63 (MIRA 17:3)

24529

S/147/61/000/002/008/015
E194/E184

26.2422

AUTHOR: Bodunov, M.N.

TITLE: An investigation of local heat transfer coefficients of turbine blades at various angles of attack

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1961, No.2, pp. 78-93

TEXT: The present work on local coefficients of heat transfer over blade profiles as functions of the angle of attack was carried out on two different types of blading of the active and reactive types over a wide range of angles of attack. The blades were made up of laminated wood plastic of low thermal conductivity. To determine the local heat transfer coefficients these blades were covered with strip electrical heaters gummed to the surface. The current was adjusted so that the temperature was the same in all the heaters to avoid heat flow between them. Each heater had its own rheostat and the power intake of each was measured. Certain of the blades in the assembly had such heater elements and others had apertures to measure the pressure over the profile and over the height. Both tests were carried out simultaneously.

Card 1/4

24529

An investigation of local heat S/147/61/000/002/008/015
E194/E184

In addition to the local heat transfer coefficients, measurements were also made of the Reynolds number and of the dimensionless pressure coefficient. The heater temperatures were restricted to 100 °C; the Mach number did not exceed 0.36. The angle of attack ranged from +20 to -50 °C. The maximum errors were: for Reynolds number not more than 1.2%, for Nusselt numbers ± (4.2-8.2%). In determining the Nusselt number there was a systematic error due to not allowing for heat of radiation between blades. From the results it is concluded that at zero angle of attack in calculating the temperature distribution and cooling of blades of high temperature turbines it does not suffice to consider only the mean transfer coefficient, but allowance must be made for increases in this value on the inlet edge, and under certain circumstances on the back and the concave surfaces of the blades. On the inlet edge the heat transfer coefficient may be 1.7-2.5 times the mean value, on the back of the blade 1.8 times, and on the concave surface 1.2-2 times. With positive angles of attack particular attention must be paid to increase in the heat transfer coefficient on the back of the blade; this is particularly important for root sections of the blades where positive angles of attack sometimes

Card 2/4

occur even under rated conditions of the turbine. With negative angles of attack increase in the local heat transfer coefficient occurs on the concave surface; this is particularly important in designing the peripheral sections of blades, in which negative angles of attack sometimes occur even under rated conditions of the turbine. Calculations for all angles of attack show that if the positions of the flow transition points are determined experimentally from curves of the Nusselt value the agreement between calculated and experimental data is satisfactory, the difference being not greater than 10-20%. However, if the position of the transition points is calculated the agreement between theory and experiment is poor. It is found that for both types of blading and for all the angles of attack tested, the difference between the mean heat transfer coefficient and the mean integral heat transfer coefficient determined from local heat transfer coefficients does not exceed 2-10%, the integral values always being the greater. The mean integral values follow changes in the mean values as the angle of attack is altered.
There are 10 figures, 2 tables and 10 references: 9 Soviet and 1 English.
Card 3/4

24529

An investigation of local heat S/147/61/000/002/008/015
E194/E184

The English language reference reads as follows:
Ref.10: D.E. Wilson, I.A. Pope. Proc. Inst. Mech. Engrs, Vol.168, No.36, 1954.

ASSOCIATION: Kafedra turbomashin, Kazanskiy aviatsionnyy institut (Department of Turbomachinery, Kazan' Aviation Institute)

SUBMITTED: December 16, 1960

Card 4/4

31864
S/123/61/000/023/016/018
A052/A101

26.7/1.2

AUTHOR: Bodunov, M. N.

TITLE: The effect of the angle of attack on the mean thermal output coefficient of turbine blades

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 23, 1961, 25, abstract 23I158 ("Tr. Kazansk. aviats. in-ta", no. 63, 1961, 17-33)

TEXT: The investigation was carried out in the laboratory of the Department for turbo-machines of the Kazan' Aviation Institute on an installation for blasting flat turbine cascades. The angle of attack was changed by exchanging inlet wooden nozzles. Three types of turbine cascades were investigated. Specific characteristics of the methods of handling experimental results are cited. At the zero angle of attack a considerable profile section of the cascades with well-formed profiles is occupied with the laminar state of the flow in the boundary layer; when computing Re numbers by the same method, different authors agree in their experimental data; when the angles of attack of the incoming flow are known, the mean thermal output coefficient can be determined by the formula $Nu_i = Nu_o [0.97 + 0.78 (\bar{i} - 0.2)^2]$, where Nu_o is Nusselt

Card 1/2