

LUKASHEVICH, Ye.F. [Lukashevych, I.E.Kh.]; NOVIKOVA, A.A. [Novykova, A.A.]

Changes in water-soluble proteins in the muscles after denervation
and tenotomy. Ukr. biokhim. zhur. 35 no.2:195-201 '63. (MIRA 17:9)

1. Department of biochemistry of Dniepropetrovsk Medical Institute.

1. 0000-07

ACC NO: AM5028909

(A)

SOURCE CODE: UR/0299/66/000/007/0037/0037

AUTHOR: Zubenko, P. M.; Khristich, A. D.; Lukashovich, K. F.; Manzon, S. M.;
Novikova, A. A.; Sachosno, T. Yu.; Zubenko, I. P.

TITLE: Biochemical changes in muscles of dogs following amputation and replantation
of an extremity

SOURCE: Ref. zh. Biologiya, Part II, Abs. 9232

REF SOURCE: Tr. 1-go Mosk. Med. in-ta, v. 42, 1965, 135-141

TOPIC TAGS: dog, tissue transplant, muscle physiology, desoxyribonucleic acid,
ribonucleic acid, phosphorylation, organic phosphorus compound

ABSTRACT: Extremities of dogs were amputated and kept at room temperature for 1 to 2 hrs or on ice for 2 to 24 hrs. In 1 to 2 hrs nitrogen as well as phosphorus metabolism disorders appeared in the muscles. Phosphocreatine and ATP levels decreased significantly, and inorganic phosphorus and water soluble protein levels increased without affecting fraction ratios during the first hour; in 2 hrs the myogen level decreased. Changes of phosphorus compound levels were similar in extremities kept on ice for 2 hrs; levels of water soluble proteins and their myogenic fraction increased and their phosphorylase fraction decreased. Twenty-four hour cooling led to the same changes. Phosphocreatine and ATP were almost completely broken down. Nucleic acid

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UDC: 577.99

L 09082-67

ACC NR: AR6028909

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levels decreased significantly and the level of inorganic phosphorus increased considerably. In 1½ mos. the general levels of inorganic phosphorus, phosphocreatine, ATP, water soluble proteins, myosin and collagen decreased in the replanted extremity muscles. RNA and DNA levels rose. In a year the general levels of nucleic acids, RNA, DNA, water soluble proteins and their fractions were normalized. Phosphorus compounds, particularly phosphocreatine, ATP and inorganic phosphorus, were poorly restored. In 5 to 7 yrs the levels of nucleic acids, water soluble proteins and inorganic phosphorus fractions were completely restored in the extremity muscles; collagen and myosin levels were partially restored. Phosphocreatine, ATP and general phosphorus levels remained considerably reduced compared to norms. Extremities kept at room temperature for 2 hrs failed to accrete. N. S. Translation of abstract.

SUB CODE: 06

Card 2/2 *6/7*

ZUBENKO, P.M.; KHRISTICH, A.D.; LUKASHEVICH, K.F.; MANZON, S.M.;
NOVIKOVA, A.A.; SHCHESNO, T.Yu.; ZUBENKO, I.P.

Biochemical changes in the muscles in dogs following the amputation
and replantation of an extremity. Trudy 1-go MMI 42:135-141 '65.
(MIRA 19:2)

1. Kafedra biokhimi i khirurgii detskogo vozrasta Dnepropetrovskogo
meditsinskogo instituta.

TEMKIN, Boris Semenovich; KITAYGORODSKIY, I.I., doktor tekhn. nauk,
prof., retsenzent; NOVIKOVA, A.E., retsenzent; SULIMENKO, M.V.,
retsenzent; DUKHOVNIY, F.N., red.; SHAPENKOVA, T.A., tekhn.red.

[Technology of glass and glass products] Tekhnologiya stekla i
stekloizdelii. Moskva, Rostekhsizdat, 1962. 458 p.

(MIRA 16:3)

(Glass)

AL'TMAN, A.D., kand.biolog.nauk; MARKOVA, K.V., kand.biolog.nauk;
NOVIKOVA, A.F.

Composition of milk obtained from cows of the livestock section
of the agricultural experiment center in Gorki Leninskiye.. Agro-
biologiya no.6:913-919 E-D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva,
g. Moskva.

(Gorki Leninskiye--Agricultural experiment stations)
(Milk--Composition)

NOVIKOVA, A.G.

Basic characteristics of soils in the Aktyubinsk part of the Subaral
Plateau. Izv. AN Kazakh. SSR. Ser. biol. nauk no.2:45-50 '63.
(MIRA 17:10)

GAMAYUNOVA, A.P.; NOVIKOVA, A.G.

Resistance to oil of the bonding with the 88-N adhesive.

Kauch. i rez. 22 no.12:36-39 D '63.

(MIRA 17:9)

1. Nauchno-issledovatel'skiy institut resinovoy promyshlennosti.

BRONSHTEYN, L.A., kand.tekhn.nauk; nauchnyy sotrudnik; BILIBIN, I.V.,
nauchnyy sotrudnik; KVITCHENKO, Ya.P., nauchnyy sotrudnik;
LEVIN, D.M., nauchnyy sotrudnik; MADEZHDIK, B.N., nauchnyy
sotrudnik; NOVIKOVA, A.I., nauchnyy sotrudnik; POMIZOVKIN,
A.N., nauchnyy sotrudnik; SHEYNIN, A.M., nauchnyy sotrudnik;
ZUYEVA, N.K., tekhn.red.

[Operational and economic evaluation of truck-trains of various
composition] Eksploatatsionno-ekonomicheskaya otsenka avtopoezdov
razlichnogo sostava. Moskva, Nauchno-tekhn.izd-vo avtotransp.
lit-ry. No.1. [ZIL truck train] Avtopoезда ZIL. 1958. 58 p.
(MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo
transporta. 2. Nauchno-issledovatel'skiy institut avtomobil'nogo
transporta (for all, except Zuyeva).
(Automobile trains)

BRONSHTEYN, L.A., kand.tekhn.nauk; KVITCHENKO, Ya.P.; NOVIKOVA, A.I.;
Prinimali uchastiye: LESOV, Yu.I.; ITKIND, I.I.; MARTENS, S.L.,
red.; GALAKTIONOVA, Ye.N., tekhn.red.

[Operational and economic evaluation of motor-vehicle trains with
diverse formation] Eksploatatsionno-ekonomicheskaya otsenka avto-
poezdov razlichnogo sostava. Moskva, Avtotransizdat. No.2. [The
GAZ-51P tractor with the PAZ-744 semitrailer] Traktor GAZ-51P s
polupritsepom PAZ-744. 1959. 41 p. (MIRA 13:3)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo
transporta. 2. Sotrudniki Nauchno-issledovatel'skogo instituta
avtomobil'nogo transporta (NIIT) (for Bronshteyn, Kvitchenko, Novikova).
3. Glavnyy inzhener Upravleniya torgovogo transporta Glavmosavtotransa
(for Lesov). 4. Nachal'nik otdela eksploatatsii Mostorgtransa (for
Itkind).

(Tractor trains)

KROPP, L.A. (Novosibirsk, ul. Chaplygina, d.109, kv.5); NOVIKOVA, A.I.

Extraordinary resistance to anesthetics and relaxants. Vest.
khir. 89 no.10:113 O '62. (MIRA 17:10)

1. Iz Novosibirskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - zasluzhennyy vrach RSFSR kand. med. nauk M.V. Svirezhev).

NOVIKOVA, A.I.

Age-conditioned changes in the ion content of muscle fibers and their relation to the membrane potential. Fiziol. zhur. 50 no.5: 626-630 My '64. (MIRA 18:2)

1. Kafedra fiziologii cheloveka i zivotnykh Gosudarstvennogo universiteta, Khar'kov.

NOVIKOVA, A.I.; RAKSHETVA, M.A.

Problem of treatment of thyreotoxicosis with radioactive iodine.
Sovet. med. 23 no.2:122-128 F '59. (MIRA 12:3)

1. Is rentgeno-radiologicheskogo otdala (nauchnyy rukovoditel' - kand. med. nauk V.I. Petrov) i terapevticheskoy kliniki (nauchnyy rukovoditel'-chlen-korrespondent AN SSSR prof. N.S. Molchanov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni N.F. Vladimirovskogo (dir. - kand. med. nauk P.M. Leonenko).

(HYPERTHYROIDISM, ther.
radioiodine (Rus))

(IODINE, radioactive
ther. of hyperthyroidism (Rus))

GRABOVSKIY, V.A., kand.tekhn.nauk; IOFFINA, E.M., starshiy inzh.;
NOVIKOVA, A.I., mladshiy nauchnyy sotrudnik; SKOMKANOVA, V.M.,
mladshiy nauchnyy sotrudnik

Intensification of the clarification of sulfite liquors in the
causticizing shops of sulfate pulp factories. Trudy LITSEBP
no.11:73-82 '62. (MIRA 16:10)

KORENMAN, I.M.; NOVIKOVA, A.M.

Reaction of yttrium salts with disodium phosphate. Trudy po khim.i
khim.tekh. no.1:87-89 '63. (MIRA 17:12)

Name: NOVIKOVA, Anna Mikhaylovna

Dissertation: Poems of Russian poets of the 19th
century in national verbal creation

Degree: Doc Philological Sci

Affiliation: Moakovskaya Oblast Ped Inst

Defense Date, Place: 29 Apr 55, Council of the Inst of
World Literature imeni Gor'kiy, Acad
Sci USSR

Certification Date: 8 Jun 57

Source: BMVO 16/57

NOVIKOVA, A.N., starshiy nauchnyy sotrudnik

Culture of quince in the Chechen-Ingush A.S.S.R. Kons. 1 sv. prom.
14 no.7:42-43 JI '59. (MIRA 12:9)

1. Opytno-seleksiionnaya stantsiya "Mayak".
(Chechen-Ingush A.S.S.R.--Quince)

NOVIKOVA, A.N.

"Tkemali" is a high-yield culture. Kons.i sv.prom. 17
no.6:31-32 Je '62. (MIRA 15:5)

1. Opytno-seleksiionnaya stantsiya "Mayak" Vsesoyuznogo
instituta rasteniyevodstva.
(Chechen-Ingush A.S.S.R.--Fruit culture)
(Canning and preserving)

SOSEDOV, P.O.; YEVSEYEV, N.K.; ~~NOVIKOVA~~, A.N., zaslužennyy zootekhnik
RSFSR, zootekhnik po plemennoy rabote

Poultry husbandry on the "Gorki II" State Farm. Ptitssevodstvo 8
no. 7:10-15 J1 '58. (MIRA 11:8)

1. Direktor sovkhoza "Gorki II" (for Sosedov). 2. Glavnyy vetvrach
sovkhoza "Gorki II" (for Yevseyev).
(Poultry)

NOVIKOVA, A.N.

Information. Tekst. prom. 24 no.4:94-95 Ap '64. (MIRA 17:6)

1. Zamestitel' predsedatelya Nauchno-tekhnicheskogo soveta
Gosudarstvennogo komiteta po legkoy promyshlennosti pri Gosplane
SSSR.

PARSHUTIN, G.V., prof.; RUMYANTSEVA, Ye.Yu., nauchnyy sotrudnik;
TESTOV, L.L., nauchnyy sotrudnik; YEVSEYEV, N.K., zootekhnik;
NOVIKOVA, A.N., zootekhnik

Effect of some amino acids on sex formation in fowl. Zhivot-
novodstvo 24 no.6:89-93 Je '62. (MIRA 17:3)

1. Vsesoyuznyy institut fiziologii i biokhimii sel'sko-
khozyaystvennykh zhivotnykh (for Parshutin, Rummyantseva,
Testov). 2. Sovkhoz "Gorki - II" Moskovskoy oblasti (for
Yevseyev, Novikova).

NOVIKOVA, Aleksandra Nikolayevna; LARINA, L.M., redakter; KIRSANOVA, N.A.,
tekhnicheskyy redakter

[Striving for new and progressive methods; production experience
and mass work in light industry] V bor'be za novoe, peredovoe; iz
opyta proizvodstvenno-massevoi raboty na predpriyatiyakh legkoi
promyshlennosti. Moskva, Izd-vo VTSSPS Profizdat, 1956.
61 p. (MLBA 10:4)

1. Sekretar' Tsentral'nogo komiteta profsoyusa rabochikh
tekstil'noy i legkoy promyshlennosti.
(Efficiency, Industrial) (Employees, Training of)

~~NOVIKOVA, Aleksandra Nikolayevna; KOCHERGIN, Vadim Vadimovich; ZHELEZNOVA,~~
~~L.M., redaktor; BAKOV, S.I., tekhnicheskiy redaktor~~

[As guests of textile workers of Uruguay] V gostiakh u tekstil'-
shchikov Urugvaia. [Moskva] Izd-vo VtuSPS Profizdat, 1956. 75 p.
(MIRA 10:3)

(Russia--Relations (General) with Uruguay)
(Uruguay--Relations (General) with Russia)

KHMELEVSKIY, V.I.; KUSHKIN, V.V.; NOVIKOVA, A.P.; GETSOVA, I.N.

Antifungal compounds. Part 1: Dialkylaminoalkoxydiphenyls and fluorenones. Zhur.org.khim. 1 no.2:262-263 F '65.

(MIRA 18:4)

1. Ural'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevt. cheskogo instituta imeni S.Ordzhonikidze.

NOVIKOVA, A. P.

"Method of Fixation of Histological Specimens,"

Inst. Pathol. & Therapy of Intoxication, Acad. Med. Sci. USSR

So: Arkhiv. Patol., Vol. XI, No. 3, 1949, Uncl.

and 1949 Letopis' Zhurnal'nykh Statey No. 23, item 17169

m

NOVIKOVA, A.P.

NOVIKOVA, A.P.

Answer to the criticism of A.L. Shabadash of the new method of fixation of histological sections. Arkh. pat., Moskva 12 no.6: 49-50 Nov-Dec 50. (GML 20:4)

NOVIKOVA, A.P.

USSR/Human and Animal Morphology (Normal and Pathological) Lymph System S-4

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55124

Author : Novikova A.P.

Inst : Dagestani Institute of Medicine

Title : The Efferent Lymphatic Vessels of the Human Spinal Column

Orig Pub : Sb. nauch. tr. Dagest. med. in-t, 1956, 6, 285-286

Abstract : The anatomy of the efferent lymphatic vessels of the periosteum and of the human vertebral column ligaments was studied, as well as the connection of these ligaments with main lymphatic collectors and the venous system. The investigations were performed on 12 corpses according to the method of G.M. Iosifov. It was established that the efferent lymphatic vessels of the vertebral column originate in the lymphatic capillary network of the periosteum and of the intervertebral discs and flow into the lymphatic ganglions which are located in the proximity of the rib necks. The basic mass of postganglionic vessels flows into the thoracic

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NOVIKOVA, A.P.

21(4): 17(G)

PEACE I BOOK EXPLOITATION

SOV/2608

International Conference on the Peaceful Uses of Atomic Energy. 24, Geneva, 1958

Doklady sovetskikh uchenykh; radiofizika i radiatsionnaya medicina (Reports of Soviet Scientists; Radiobiology and Radiation Medicine) Moscow, Izd-vo Glav. urz. po ispol'szovaniyu atomnoy energii pri Sovetskiykh Ministrov SSSR, 1959. 429 p. 6,000 copies printed. (Series: Vostochno-Natsionalnaya konferentsiya po mirnomu ispol'szovaniyu atomnoy energii. Trudy, tom 3)

General Ed.: A.V. Loboinskiy, Corresponding Member, USSR Academy of Medical Sciences; Ed.: E.S. Shirokova; Tech. Ed.: Ye.I. Masel'.

PURPOSE: This book is intended for physicians, scientists, and engineers as well as for professors and students at vuzsna where radiobiology and radiation medicine are taught.

COVERAGE: This is Volume 3 of a 6-volume set of reports delivered by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy, held on September 1-13, 1958, in Geneva. Volume 3 contains

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32 reports edited by Committee of Medical Sciences S.V. Levinshiy and V.V. Sokov. The reports cover problems of the biological effects of ionizing radiation, future consequences of radiation in small doses, genetic effects of radiation, treatment of radiation sickness, uses of radioactive isotopes in medical and biological research, uses of atomic energy for diagnostic and therapeutic purposes, soil absorption of uranium fission products, their intake by plants, and their storage in plants and foodstuffs. References accompany each report.

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Loboinskiy, A.V., Ye.S. Grigor'yev, and E.S. Shirokova. Biological Effects of Ionizing Radiation in Small Doses (Report No. 2063) 5

Burylan, L.N., Ye.I. Loboinskiy, N.A. Kravchenko, E.S. Shirokova, V.H. Laktionov, Ye.I. Novikova, A.P. Novikova, Ye.S. Shirokova, and Ye.I. Masel'. Genetic Effects of Injury by Small Doses of Radioactive Substances in Chronic Exposure (Report No. 2077) 17

Gorodnitskiy, E.S. Fraction of Pathogenesis of Acute Radiation Sickness in the Pathophysiological Phase (Report No. 2116) 43

Card 2/7

9

NOVIKOVA, A.

Women are a great force in the building of communism. Ochr.
truda i sots.strakh. no.3:29-31 Mr '59. (MIRA 12:4)

1. Sekretar' Tsentral'nogo Komiteta profsoyusa rabochikh
tekstil'noy i legkoy promyshlennosti.
(Women--Employment)

NOVIKOVA, A.P. (Leningrad)

Unconditioned secretion of the salivary glands in peptic ulcer.
Pat.fiziol. i eksp.terap. 3 no.5:70-72 S-O '59. (MIRA 13:3)

1. Iz terapevticheskogo otdeleniya (zaveduyushchiy - S.P. Novikova)
bol'nitsy imeni Lenina (nauchnyy rukovoditel' - prof. Ye.I. TSuker-
shcheyn).

(SALIVATION physiol.)
(PEPTIC ULCER physiol.)

NOVIKOVA, A.P.; VOSKRESENSKIY, S.P. [deceased]

Some characteristics of the development of offspring of dogs exposed to radium fission products [with summary in English]. Med. rad. 4 no.2:15-20 F '59. (MIRA 12:4)

(RADIUM, effects,
offspring of dogs exposed to radium fission prod.
(Rus))

BURYKINA, L.N.; ZAKUTINSKIY, D.I.; KRAYEVSKIY, H.A.; KURLYANDSKAYA, E.B.; LITVINOV, H.H.;
MOSKALEV, Yu. I.; NOVIKOVA, A.P.; SOLOV'YEV, Yu. N.; STREL'TSOVA, V.N.

Late sequelae of lesions induced by radioactive substances in small doses
applied in a chronic experiment. Med. rad. 4 no.3:3-6 Kr '59. (MIRA 12:7)

(ISOTOPES, effects,

remote seq. of inj. by small doses of radioactive substances
in animals (Rus))

NOVIKOVA, A.P., zasluzhennyy vrach RSFSR (Leningrad)

Qualitative composition of saliva in peptic ulcer patients. Vrach.delo
no.10:1093-1094 O '59. (MIRA 13:2)

1. Terapevticheskoye otdeleniye bol'nitsy imeni Lenina.
(PEPTIC ULCER) (SALIVA--ANALYSIS)

NOVIKOVA, A.P. (Moskva)

Peculiarities of local (cutaneous) reactions in offspring of irradiated dogs. Pat.fiziol.eksp.terap. 4 no.1:28-32 Ja-F '60.

(MIRA 13:5)

1. Bukovoditel' - chlen-korrespondent AMN SSSR prof. N.A. Krayevskiy.

(RADIATION EFFECTS)

(SKIN physiol.)

PINUS, A.A.; NOVIKOVA, A.P.

Pathological anatomy of acute and subacute phases of radiation sickness in animals exposed to uranium decomposition products.
Med. rad. 5 no.4:43-47 Ap '60. (MIRA 13:12)
(URANIUM—ISOTOPES) (RADIATION SICKNESS)

NOVIKOVA, A.P.; YEMEL'YANOVA, N.H.

Gendon in hypertension. Sov. med. 24 no.4:121-126 Ap '60.

(MIRA 13:8)

1. Iz tret'yey terapevticheskoy kafedry (zav. - prof. B.V. Il'inskiy)
Leningradskogo ordena Lenina instituta usovershenstvovaniya vrachey
im. S.M. Kirova i iz ob'yedineniya bol'nitsy im. Lenina (glavnyy
vrach V.S. Razumilchin).

(RAUWOLFIA)

(HYPERTENSION)

A L 10621-66

ACC NR: AP5027303

SOURCE CODE: UR/0241/65/010/010/0050/0054

AUTHOR: Tikhaya, M. G.; Novikova, A. P.; Parfenov, Yu. D. 28

ORG: none B

TITLE: Distribution of uranium in the dog organism at periods long after the inhalation of uranium oxide

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 50-54

TOPIC TAGS: experiment animal, isotope, ~~ion distribution~~, uranium compound, ~~chemical labelling~~ *radiation biologic effect*

ABSTRACT: The metabolism of inhaled poorly soluble uranium compounds was studied with labeled U_3O_8 aerosol (U^{235} and U^{238}). The animals inhaled an aerosol containing $310 \cdot 10^{-4}$ - $634 \cdot 10^{-4}$ mg/l for 60 minutes daily for 5-7 days, a total of 300-420 minutes, and were then observed for up to 5 years. The animals' organs were examined shortly after 23, $31\frac{1}{2}$ or 60 months by luminescence and radiometry to determine uranium contents. No difference was seen for the 2 isotopes. In the ~~egg~~ dog sacrificed 20 minutes after 60 minutes inhalation of $135 \cdot 10^{-4} U^{235} O_8$ mg/l, the highest content was found in the gastrointestinal tract. The lung retained about 29% of the inhaled material but the content in

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UDC: 615.771.991-032:611.2-033

L 10621-66

ACC NR: AP5027303

the blood was insignificant. After 23 months, U²³⁵ content in the organs declined in the following order: lungs, bones, kidneys and liver. The dog examined after 31½ months had died a natural death. There the kidneys contained more uranium than the lungs. Semi-elimination from the lungs between the 23rd and 60th month was estimated at 10.1% with a biological half life of 280 days. After 60 months, accumulation was greatest in the mediastinal and bronchial lymph nodes and exceeded that in the lungs 550-870 fold. One of the sacrificed dogs was pregnant; 6 embryos were found in which U²³⁵ was detected. It was calculated that 0.01-0.06% of the U²³⁵ had passed from the mother's organism through the placenta. Orig. art. has: 4 tables.

SUB CODE: 06 // SUBM DATE: 14Dec64/ ORIG REF: 004/ OTH REF: 007

HW
c 2/2

S/048/62/026/007/014/030
B104/B138

AUTHORS: Vvedenskiy, L. Ye., Shekhobalova, V. I., and Novikova, A. S.

TITLE: The mechanism of the influence of "third" elements on the results of analysis of aluminum alloys

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 7, 1962, 896-899

TEXT: As shown in an earlier paper (L. Ye. Vvedenskiy, Izv. AN SSSR, Ser. fiz., 4, 227 (1940)), the influence of Si on determination of Cu in Al-Cu alloys subjected to spark excitations is shown by a sudden change in intensity at ~2 weight %. It was then assumed that a structural change in the alloy altered the conditions of entry into the spark. To test this, the influence of a third element was studied in dependence on its concentration. The influence of the Si content on $\log(I_{Cu}/I_{Al})$ depends in a complex manner on the ratio between N_{Si} , the number of Si atoms, and N_{Cu} , the number of Cu atoms. I_{Cu} and I_{Al} are the line intensities. This function has very stable extremes. At $N_{Si}/N_{Cu} = 1/5$ the influence

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The mechanism of the influence of ...

S/048/62/026/007/014/030
B104/B138

of Si is shown by a sudden change, which produces a low on the curve $\delta \log(I_{Cu}/I_{Al})$. The compound Cu_5Si corresponds to this ratio. At $N_{Si}/N_{Cu} \approx 1/4$, to which the alloy $Cu_{31}Si_8$ corresponds, the curve $\delta \log(I_{Cu}/I_{Al})$ shows a peak. $\delta \log(I_{Mg}/I_{Al})$ as a function of N_{Zn}/N_{Mg} has a minimum at $N_{Zn}/N_{Mg} \approx 0.01$. As N_{Zn}/N_{Mg} approaches $1/2$, the influence of Zn is vanishing. There are 3 figures.

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Card 2/2

NOVIKOVA, A. S. Cand. Geolog*Mineral Sci.

Dissertation: "Fracturing Property of the Rocks of Middle Timan." Inst. of Geological Sciences, Acad. Sci. USSR. 28 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17836)

NOVIKOVA, A. S.

USSR/Geology - Petroleum

May/June 53

"Some Laws Governing the Formation of Cracks That Are Due to Drying," P. Ye. Offman and A. S. Novikova

Iz Ak Nauk SSSR, Ser Geol, No 3, pp 115-122

Discuss the problem of the origin of cracks in mineral rocks. State that data on the fracturing of mineral rocks may be of interest in connection with some problems on the accumulation of petroleum in fractured mineral rocks, and also in connection with the construction of hydroelectric installations.

267763

NOVIKOVA, A. S.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 61 (USSR) ¹⁵⁻⁵⁷⁻⁵⁻⁶¹²⁷

AUTHORS: Offman, P. Ye., Novikova, A. S.

TITLE: Structure of the Tuffaceous Stratum in the
Southern Part of Tungus Syncline (O stroynii
tufogennoy tolshchi yuzhnoy chasti Tungusskoy
sineklizy)

PERIODICAL: V sb: Vopr. geologii Azii. Vol 1, Moscow, Izd-vo
AN SSSR, 1954, pp 556-567

ABSTRACT: Bibliographic Entry
Card 1/1

Novi Kova, A.S.

67 Volcanic pipe of Ering. P. E. Olfman and A. S. Novikova. *Izvest. Akad. Nauk S.S.S.R., Ser. Geol.* 1935, No. 3, 121-30. — Described for the first time are the morphology and genesis of structures of the folded skarn rocks containing pseudomorphs of a puzzling mineral (achtaragilite). O. and N. concluded that this structure consists of a volcanic pipe. Chem. analysis are given. 14 references. Gladys S. Macey

(2)

SOV/11-59-1-2/16

AUTHOR:

Novikova, A.S.

TITLE:

On the Problem of the Tectonic Position of Riphean Volcanogenous Rocks on the Russian Plateau (K voprosu o tektonicheskom polozenii rifeyskikh vulkanogennykh porod na Russkoy platforme)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 1, pp 9-29 (USSR)

ABSTRACT:

The latest exploratory and prospecting operations on the Russian Plateau showed that, at the end of the Riphean time, the following tectonic parts were already formed: A) moderately elevated parts of the crystalline foundation - the Baltic shield, the Voronezh, Ukrainian and Volga-Ural crystalline blocks. B) the grabens of the Onega and Ladoga regions, filled with Riphean formations. C) the graben-like Pachelma, Kresttay, Kotlas and West-Ukrainian depressions. Riphean sedimentary rocks fill these depressions in the crystalline foundation. D) the ledges and the depressions of the crystalline foundations of the South-Western Belorussia and Western Bashkiriya. Only small deposits of the Riphean rocks were found on the ledges, and large ones in the depressions. E) the Moscow syncline, where Riphean rocks again cover the crystal-

Card 1/3

SOV/11-59-1-2/16

On the Problem of the Tectonic Position of Riphean Volcanogenous Rocks on the Russian Plateau

line foundation. F) the Belorussian anteklize, where Riphean sediments form layers of little importance. The Riphean volcanogenous rocks were mostly developed along the outskirts of the Russian Plateau and along the borders of depressions. All the above mentioned sections of the Russian Plateau are described in detail by the author, who comes to the conclusion that all volcanic formations of the Russian Plateau can be divided into intrusive, effusive and tufaceous rocks. Rocks of intrusive appearance are formations of gabbroic series. There are gabbro-diabases of the Western Bashkiriya, gabbro-norites of the East Tataria and Volga region and the gabbro-biotites and gabbro-pyroxenes of Belorussia. Effusive formations are represented by various equivalent rocks of gabbroic series, diabases, dolerites and spilites of graben-like depressions of Western Bashkiriya, diabases in eastern part of the Volga-Ural block, basalts, andesite-basalts and diabases on the slopes of the Voronezh crystalline block. Tufaceous formation by their compositions correlate with the rocks of basic series and are represented by various clastic rocks. They were found mainly in Western Belorussia and near

Card 2/3

SOV/11-59-1-2/16

On the Problem of the Tectonic Position of Riphean Volcanogenous Rocks on the Russian Plateau

Arkhangel'sk. Summarizing, the author states that all volcanogenous formations in different parts of the Russian plateau belong to the same petrographic series. The following geologists are mentioned by the author: N.S. Shatskiy, B.M. Keller, A.N. Geysler, A.V. Kopeliovich, S.V. Tikhomirov, I. Ye. Postnikova, Z.P. Ivanova, A.I. Zoricheva, O.V. Krasheninnikova, A.S. Makhnach, A.M. Dymkin, L.F. Solontsov, S.S. Ellern, V.P. Florenskiy, T.A. Lapinskaya, Yu.I. Polovinkina, Ye.M. Lyutkevich, and M.I. Peysik. There are 4 tables, 1 map and 31 Soviet references.

ASSOCIATION: Geologicheskii institut AN SSSR, Moskva (The Moscow Geological Institute of the AS USSR)

SUBMITTED: May 5, 1958

Card 3/3

SOV/11-59-10-3/16

3(5)

AUTHOR: Novikova, A.S.
TITLE: On the Origin of the Kazan' - Sergiyevsk Trough
PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959,
No. 10, pp 28-41 (USSR)

ABSTRACT: The Kazan'-Sergiyevskiy trough is situated in the arched part of the Volga-Urals elevation of the Russian Plateau in the zone of Pre-Devonian gabbro-diabase formations. In Pre-Devonian time, the crystalline foundation of the Plateau was broken up by graben-like depressions into separate blocks. The Kazan' - Sergiyevskiy trough was formed as a result of merging of these depressions and continued sinking of the bordering crystalline blocks. Its maximum development occurred in the Upper Givetian time when a new period of volcanic activity also began. From that time, the Kazan-Sergiyevskiy trough underwent continuous changes, was gradually filled up with sedimentary and volcanic rocks and finally disappeared as an independent structure in the Upper-Frasnian and Famennian epochs. Its disappearance coincided with the cessation of volcanic activity in the region.

Card 1/2

NOVIKOVA, A.S.

Methods for plotting geological profiles. Metod.izuch.tekt.struk.
no.1:56-114 '60. (MIRA 14:8)

(Geology--Maps)

NOVIKOVA, A.S.

Tectonic characteristics of the Greater Donets Basin. *Biul.*
MOIP. Otd.geol. 36 no.4:36-55. Ag '61. (MIRA 14:9)
(Donets Basin--Geology, Structural)

NOVIKOVA, A.S.

Tectonic position of igneous formations in the Russian Platform.
Trudy GIN no. 93:54-86 '63 (MIRA 17:86)

NOVIKOVA, A.S.

Structure of the Russian Platform in the Proterozoic. Geotektonika
no.1:61-73 Ja-F '65. (MIRA 18:5)

1. Geologicheskii institut AN SSSR.

NOVIKOVA, A.T.

Effectiveness of phosphobacterin in soils of Kustanay Province
in connection with methods of tillage. Agrobiologiya no.4:604-612
-Ag '59. (MIRA 12:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennoy
mikrobiologii, g. Leningrad.
(Kustanay Province--Soil inoculation) (Tillage)

БЕЛОТКИН, Г.И.; НОВИКОВА, А.Т., научный сотрудник

Questions and answers. Zashch.rast.ot vred.i bol. 7 no.4:50 Ap '62.
(NIRA 15:12)

(Plants, Protection of)

NOVIKOVA, A.T., nauchnyy sotrudnik

Simultaneous disinfection and treatment of seeds with phosphorotac-
terin. Zashch. rast. ot vred. i bol. 7 no.11:26-27 N '62.
(MIRA 16:7)

1. Vsesoyuznyy institut sel'skokhozyaystvennoy mikrobiologii.

NOVIKOVA, A.T.

Mechanized method for using phosphobacterin. *Zemledelie* 25
no.4:71 Ap '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-
zyaystvennoy mikrobiologii.
(Bacteria, Phosphorus) (Soil inoculation)

ACC NR: AP7004649 (A) SOURCE CODE: UR/0432/66/000/001/0009/0013

AUTHOR: Kossovskiy, V. G.; Guk, K. N.; Sadovskiy, L. V.; ~~Novikova, A. T.~~

ORG: none

TITLE: Unit for controlling operations in a special-purpose control digital computer

SOURCE: Mekhanizatsiya i avtomatizatsiya upravleniya, no. 1, 1966, 9-13

TOPIC TAGS: control computer, digital computer, computer research

ABSTRACT: A list of instructions to be realized by the computer serves as initial data for designing the control unit. The latter comprises: (a) clock-pulse unit, (b) micro-operation control circuit, and (c) operation decoder. The clock-pulse unit produces pulses and sequentially distributes them among its trunks. The control circuit handles microprograms consisting of 38 micro operations (a 10-

Card 1/2

UDC: 681.142.63

ACC NR: AP7004649

cycle microprogram table is shown). Ferrite-core circuits are used throughout. The control unit operates on a two-cycle principle (a read cycle for one group of cores serves simultaneously as a preparatory cycle for another group). The micro-operation control circuit comprises 5 core groups. The operation decoder is built on a two-step principle; first-step cores perform logical multiplication of the first three variables X_1, X_2, X_3 of the operation code; second-step cores, multiplication of the remaining two variables X_4, X_5 . The clock frequency can go as high as 30 kc; pulse height, 0.4 amp; pulse duration, 8 μ sec. The above control unit exhibited reliable operation in conjunction with a laboratory model of a small-size control digital computer. Orig. art. has: 1 figure and 1 table.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002

Card 2/2

NOVIKOVA, A.V.

Localized form of cytomegaly in newborn infants and during
the first months of their life. Vop. okh. mat. i det. 7
no.1:42-46 Ja '62. (MIRA 15:3)

1. Iz patomorfologicheskoy laboratorii (zav. - doktor
meditsinskikh nauk L.O. Vishnevetskaya) Nauchno-issledovatel'skogo
pediatricheskogo instituta (dir. - doktor med.nauk A.P. Chernikova,
zam.direktora po nauchnoy chasti - doktor med.nauk prof. N.R.
Shastin) Ministerstva zdravookhraneniya RSFSR.

(VIRUS DISEASES)

(INFANTS—DISEASES)

YELSUKOV, M.P.; GROMOVA, L.I.; NOVIKOVA, A.V.

Pinching back and defoliation of forage beans in Moscow Province.
Zemledelie 24 no.7:31-35 JI '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.R. Vil'yamsa. 2. Chlen-korrespondent Vsesoyuznoy akademii
sel'skokhozyaystvennykh nauk imeni Lenina (for Yelsukov).
(Moscow Province—Beans)
(Defoliation)

NOVIKOVA, A.V.

Economic efficiency in the production of carbon disulfide by
the electrothermal method. Khim.volok. no.1:44-45 '60.
(MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.
(Carbon disulfide)

NOVSELOVA, R.S.; BLYAKHER, I.M.; NOVIKOVA, A.V.

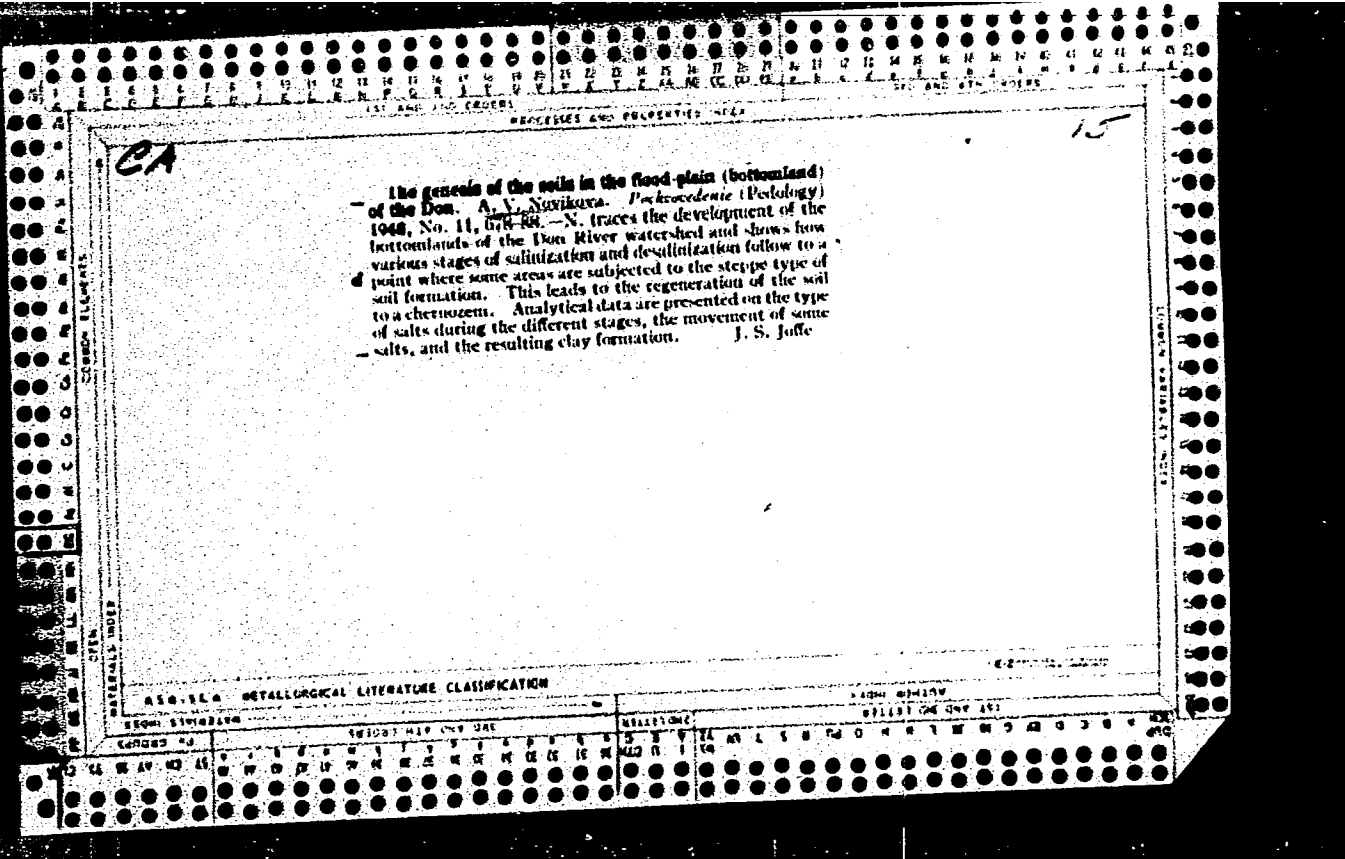
Disorders of cardiac rhythm in fibroelastosis. Ger.zhur. no.12:
86 D '63. (MIRA 17:3)

1. Iz detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova.

NOVOSELOVA, R.S.; BLYAKHER, I.M.; NOVIKOVA, A.V.

Disorders of cardiac rhythm in fibroelastosis. Vop. okhr.
materin. dets. 8 no.1: 86 '63 (MIRA 17:2)

1. Iz detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova.



Novikova, A. V.

USSR 1

The genesis and chances for increasing the productivity of the Kersch solonchaks on tertiary clays. A. V. Novikova. *Pochvovedenie* 1954, No. 11, 14-24. Chem. data (org. matter, carbonates, and exchangeable Ca, Mg, and Na) are given on a number of profiles whereby the respective types of saline soils encountered are described. In the Tertiary clays a high state of sodification is common. This is corroborated by the $SiO_2:Al_2O_3$ ratio which is high. Total analyses on several profiles are also given as well as the H_2O -sol. salts (HCO_3 , Cl, SO_4 , Ca, Mg, Na), H_2O -sol. humus, and pH of 3 profiles. Gypsum in quantities to replace 50, 25, and 10% sorbed Na and deep plowing, to turn up the lime and gypsum layer from below, were tried successfully in ameliorating these soils. J. S. Joffe

NOVIKOVA, A.V.

Evaluating soils of the Crimean steppe for reclamation purposes
and considering the possibility and prevention of repeated
salinisation during irrigation with waters from the North
Crimean Canal. Trudy Pechv. inst. 54:255-274 '58. (MIRA 12:1)
(Crimea--Alkali lands) (Irrigation)

BIRGER, G.Ye.[deceased]; IVANOVA, Ye.P.; NOVIKOVA, A.V.; ARNOL'DOVA, Ye.N.;
LITVINOVA, N.I.; ZOLKINA, N.S.

Use economically the raw materials in the production of viscose
fibers. Khim.volok.no.5:65-68 '64. (MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

NOVIKOVA, A.V.

Composition of humus in Solonets soils of the Crimea.
Pochvovedenie no.10:87-92 0 '59. (MIRA 13:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut pochvovedeniya.
(Crimea--Solonets soils) (Crimea--Humus)

FEDYAKIN, N.N.; DERYAGIN, B.V.; NOVIKOVA, A.V.; TALAYEV, M.V.

Mechanism underlying the formation of water columns with particular properties in the condensation of water vapors in wide freshly drawn glass capillaries. Dokl. AN SSSR 165 no.4:878-881 D '65. (MIRA 18:12)

1. Institut fizicheskoy khimii AN SSSR. 2. Chlen-korrespondent AN SSSR (for Deryagin).

KASIMOVA, G.I.; KHYLOV, L.M.; NOVIKOVA, A.V.

Congenital listeriosis. Vop. okh. mat. i det. 8 no.7:83-85
Jl '63. (MIRA 17:3)

1. Iz otdeleniya nedonoshennykh detey (zav. O.G. Lisnevskaya, konsul'tant - dotsent R.A. Fridman) detskoy bol'nitsy No.29 Moskvy (glavnyy vrach - zaslužhennyy vrach RSFSR I.S. Ogryzkov) i patomorfologicheskoy laboratorii (zav.- prof. L.O. Vishnevetskaya) Nauchno-issledovatel'skogo pediatricheskogo instituta (direktor - kand. med. nauk V.P. Spirina) Ministerstva zdravookhraneniya RSFSR.

NOVIKOVA, A.Ya.; LEVITANSKAYA, N.M.; KALININ, A.T.

Defects of the cyanide hardening layer and factors contributing to their formation. Avt.prom. no.3:39-41 Mr '61. (MIRA 14:3)

1. Nauchno-issledovatel'skiy eksperimental'nyy institut avtotraktornogo elektrooborudovaniya i priborov.
(Cyanide process)

SERGEYEVA, N.M.; KALININ, A.T., kand.tekhn.nauk; NOVIKOVA, A.Ya.

Efficient liquid carburizing and cyaniding agents for thermochemical treatment. Avt. prom. 27 no. 5:35-37 My '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'-noy promyshlennosti.

(Case hardening)

KALININ, A.T.; NOVIKOVA, A.Ya.

Optimum degree of carbon and nitrogen saturation during nitriding.
Metalloved. i term.obr.met. no.10:2-6 0 '65.

(MIRA 18:11)

1. Nauchno-issledovatel'skiy institut avtomobil'noy promyshlennosti.

NOVIKOVA, A. E.

USSR/Agriculture

Card 1/1

Author : Novikova, A. E., Cand. in Agri. Sciences

Title : Subjecting animals to ultraviolet radiation

Periodical : Nauka i Zhizn' 21/3, 36, Mar/1954

Abstract : Scientists and stock raisers have found that young animals are less subject to sickness during spring and summer. This is due to the effect of the sun's ultraviolet rays. They produce vitamin D. Fowls should be treated with ultraviolet rays. The All-Union Scientific-Research Institute for Electrification of Agriculture constructed a machine which simplifies the work of radiation.

Institution :

Submitted :

✓ 4884. Ultraviolet irradiation in animal husbandry. A. E. Novikova
Dokl. Akad. Nauk. U.S.S.R., 1953, 110-120; *Russk. Zh. Biol.*
1956, Abstr. No. 52083. (Russian) A. D. Thompson-Jones

NOVIKOVA, A.Ye.

Ultraviolet irradiation of animals. Dokl. Akad. sel'khoz. 22
no.7:41-47 '57. (MLRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva. Predstavleno akademikom M.G. Yevreinovya.
(Veterinary hygiene)
(Ultraviolet rays--Therapeutic use)

NOVIKOVA, A.Ye., kand.sel'skokhozyaystvennykh nauk

Irradiation of animals with ultraviolet rays. [Nauch.trudy]
VIESKH 3:5-25 '58. (MIRA 13:4)
(Ultraviolet rays--Physiological effect)
(Stock and stockbreeding)

L 3008-66 EWT(m)/EWP(w)/EPF(c)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) IJP(c) JD/DJ

ACC NR: AP5025590

UR/0129/65/000/010/0002/0006
621.785.666; 669.15-194.669

49
46
E

AUTHOR: Kalinin, A. T.; Novikova, A. Ya.;

TITLE: Optimal degree of saturation with carbon and nitrogen during nitrogen case hardening

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 10, 1965, 2-6

TOPIC TAGS: case hardening, steel, impact strength, nitrogen fatigue strength, carbon

ABSTRACT: Specimens of different nitrogen-case-hardened C-Mn-Cr-Si-Mo-Ti steels used to manufacture gears and other parts for ZIL, GAZ, AND MZMA motor vehicles were tested for bending strength, impact toughness and fatigue limit in order to determine the optimal degree of their saturation with C and N in nitrogen case hardening. The nitrogen case hardening itself was performed in a box furnace at 840-850°C, with subsequent oil quenching and tempering at 180-200°C for 1.5 hr, thus obtaining series of specimens with identical depth of case-hardened layer but with different C and N contents. Findings: each type of steel has its own specific limits of optimal C saturation and optimal C + N₂ sum (with the optimal N content being determined from the difference between the optimal C + N₂ sum and the optimal C content). Hence, each time a new type of nitrogen-case-hardened steel is introduced, it is advisable

1/2
Card

L 3008-66

ACC NR: AP5025590

3

to determine in advance its optimal degree of saturation. Orig. art. has: 3 figures,
3 tables.

ASSOCIATION: NIITAVTOPROM

44.55

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, IE

NO REF SOV: 002

OTHER: 003

Card

212 *md*

BERKOVICH, T.M., kand. tekhn. nauk; NOVIKOVA, D.A., inzh.

Technological properties of portland cement used in the
manufacture of asbestos-cement products. Trudy NIIsbest-
tsementa no. 8:103-124. '58. (MIRA 16:8)

BERKOVICH, T.M.; ISAYEVA, O.A.; NOVIKOVA, D.A.; KRUNYA, Z.F.; LEVICHEVA, M.M.;
TRET'YAKOVA, R.K.; BYKOVA, K.M.

Study of combined processes of heat and moisture treatment of
asbestos-cement sheets for N.I.Ershov's unlined mechanized
production-line units. Trudy NIIAsbesttsementa no.15:38-56
'62. (MIRA 16:7)

(Asbestos cement)

BERKOVICH, T.M.; SURMELI, D.D.; DVORETSKAYA, R.M.; RAYNYSH, Z.B.; NOVIKOVA, D.A.

Autoclave method of producing non-hygroscopic asbestos cement.
Trudy NIIAsbesttsementa no.16:108-115 '63. (MIRA 16:8)
(Asbestos cement)

NOVIKOVA, D.P.

Reagent for the pickling of welded joints in copper. Avtom.
svar. 14 no.10:90 0 '61. (MIRA 14:9)
(Copper--Welding) (Metals--Pickling)

ACC NR: AP6036019

(W)

SOURCE CODE: UR/0125/66/000/010/0072/0073

AUTHOR: Novikova, D. P.; Minakov, V. N.

ORG: none

TITLE: Method of studying austenitic transformation during welding

SOURCE: Avtomaticheskaya svarka, no. 10, 1966, 72-73

TOPIC TAGS: austenitic transformation, ~~austenitic transformation study, austenitic transformation study equipment~~ welding technology, steel welding, alloy steel, electric resistance, metal inspection, metallurgical testing machine

ABSTRACT: A method and equipment for observation of austenite transformation in a weld-adjacent zone of medium-alloy steels has been developed at the Institute of Electric Welding im. Ye. O. Paton. The method employs a high-temperature vacuum unit of the IMASH type and permits a direct observation of the microstructural changes with simultaneous measurements of electric resistance. The construction of the unit permits loading of the specimens during the thermal cycle and creating stresses identical to those occurring in actual welds. Deformations are measured with an accuracy of $\pm 1 \mu$. The electric resistance of the specimen during the thermal cycle is determined by measuring the electric current passing through the specimen and the voltage drop in the zone of constant temperature field. This method of measuring the electric resistance makes possible the investigation of electric characteristics not only during the heating or cooling processes with or without deformation, but also under isothermal conditions. Microphotographs of the process

Card 1/2

UDC: 621.791:620.192.4

ACC NR: AP7002440 (A) SOURCE CODE: UR/0219/66/000/012/0050/0053

AUTHOR: Malevskiy, Yu.B.; Novikova, D.P.

ORG: Electric Welding Institute, AN UkrSSR (Institut electrosvarki AN UkrSSR)
in. Ye. G. Vokh, metal

TITLE: Effect of the annealing temperature on the structure and properties of cast molybdenum

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 12, 1966, 50-53

TOPIC TAGS: molybdenum, cast molybdenum, ~~molybdenum~~ ^{metal} microstructure, ~~molybdenum~~ ductility, ~~molybdenum~~ annealing, annealing effect, ~~cast metal~~, metal grain structure, high temperature effect

ABSTRACT: Specimens (2 x 2 x 45 mm) of 99.97%-pure electron-beam melted molybdenum, as-cast or vacuum annealed at 700-1500C for 45 min, were subjected to bend tests to determine the effect of the annealing temperature on the metal structure and ductility. The as-cast specimens failed in a brittle manner at a bend angle of 30 deg, but specimens annealed at 900 and 1200C sustained a bend angle of 180 deg without failure. Specimens annealed at 1400 and 1500C first cracked at a bend angle of 150 and 60 deg

Card 1/2

UDC: 669.28.620.17:621.785.34.061

ACC NR: AP7002440

and failed along the grain boundary at a bend angle of 175 and 60 deg, respectively. Electron microscope examination revealed the presence of molybdenum oxides and carbides at the grain boundaries in the as-cast specimens, and within the grains at a distance of 1-2 μ m from the grain boundaries in the specimens annealed at 1300-1400C. Thus, high ductility in molybdenum annealed at 900-1200C was brought about by eliminating impurities from the polygonal grain boundaries. Lower ductility in molybdenum annealed at 1500C is believed to be caused by microporosity, which was observed in the specimens and probably resulted from coagulation of vacancies, or from vaporization of molybdenum tri-oxide from the grain boundaries. [MS]

SUB CODE: 13,11/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 002/
ATD PRESS: 5114

Card 2/2

ACCESSION NR: AT4004720

8/2922/63/007/000/0161/0169

AUTHOR: Dolgushin, I. P.; Novikova, D. V.

TITLE: Results of wind direction and velocity observations made at a height of 100 meters using the television tower at Gorky

SOURCE: Vses. nauchn. meteorologich. soveshch. Trudy*, v. 7. Fizika prizemnogo sloya. Leningrad, 1963, 161-169

TOPIC TAGS: meteorology, meteorological tower, meteorological observation, Gorky television tower, wind direction, wind velocity

ABSTRACT: The Observation Section of the Gorky GNO carried out parallel observations of wind velocity and direction at 13.6 m and 104 m above ground level. The observations extended throughout 1960. Wind vanes and an M-12 automatic anemograph were used at the lower height, and another M-12 anemograph, at 104 m. The sensor of the latter was installed on the tower of the Gorky television station and the recording components were placed inside the station building. Mean annual velocity was determined as 5.6 m/sec at 104 m and 3.4 m/sec at 13.6 m;

Card 1/2

ACCESSION NR: AT4004720

differences at the two levels varied from 0.4 m/sec in Jan. to 3.3 m/sec in Nov. Daily wind velocity patterns contrasted, the peak being at 1200-1400 hours and the minimum at 2400 hours for 13.6 m and 0000-0100 hours and 0900 hours for 104 m. Peak velocities (10 min average) in monthly summaries were 15 m/sec for 104 m and 10 m/sec for 13.6 m. Analysis of the results showed good coincidence for wind vanes and the M-12 unit at 13.6 m, the M-12 anemograph at 104 m, and a radio pilot balloon at 100 m. Orig. art. has: 7 figures and 2 tables.

ASSOCIATION: Gor'kovskaya GNO (Gorky GNO)

SUBMITTED: 00

DATE ACQ: 27Dec65

ENCL: 00

SUB CODE: ES

NO REF SCV: 000

ORDER: 000

Card 2/2

KUPERSHMIT, M.L., insh.; SURKOV, V.I., insh.; BYKOV, A.S., insh.;
DANTSIN, M.I., insh.; NOVIKOVA, E.T., insh.

Preparation of highly filled linoleum using improved techniques;
Stroi. mat. 7 no.4:26-29 Ap '61. (MIRA 14:5)
(Linoleum)

NOVIKOVA, E.T.; ZABORINA, N.B.; GORBUNOVA, A.A.; KOTLYAR, E.M.; GALITSKAYA,
V.D.

Latex base heat and sound insulating materials for subflooring.
Stroi. mat. 11 no.8:17-18 Ag '65. (MIRA 18:9)

ZOZULYA, A.P.; NOVIKOVA, E.V.

Coulometric determination of small amounts of furan in
tetrahydrofuran. Zhur. anal. khim. 18 no.11:1380-1383 N '63.
(MIRA 17:1)

1. Gosudarstvennyy institut prikladnoy khimii, Leningrad.

ZOZULYA, A.P.; NOVIKOVA, E.V.

Coulometric determination of small amounts of methyl vinyl ketone.
Zav.lab. 29 no.5:543-545 '63. (MIRA 16:5)

1. Gosudarstvennyy institut prikladnoy khimii, Leningrad.
(Ketone) (Coulometry)

NOVIKOVA, E.V., dotsent; YAKOVLEV, I.I., professor, zaveduyushchiy.

Cytodiagnosis of cancer of the corpus and cervix uteri and of neoplasms of
the ovaries. Akush.i gin. no.2:40-42 Kr-Ap '53. (MLRA 6:5)

1. Kafedra akusherstva i ginekologii Sverdlovskogo meditsinskogo instituta
i Sverdlovskogo nauchno-issledovatel'skogo instituta okhrany materinstva i
mladenchestva. (Uterus--Tumors) (Ovaries--Tumors)

NOVIKOVA, E. Z.

"Changes in the Skeletal System in Leukosis (Clinical-Roentgenological-Anatomical Comparison)." Cand Med Sci, Moscow Medical Stomatological Inst, Moscow, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

~~NOVIKOVA, E.Z.~~; BAGDASAROV, A.A., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor.

Changes in bones in Gaucher's disease. Vest. rent. i rad. no. 2:70-74 Kr-Ap
'53. (MLRA 6:6)

1. Tsentral'nyy ordena Lenina institut gematologii i perelivaniya krovi.
2. Akademiya meditsinskikh nauk SSSR (for Bagdasarov). (Anemia) (Bones--
Diseases)

NOVIKOVA, E.Z.

Osteomyelopoietic dysplasia. Probl.gemat. i perel. krovi 1 no.4:32-38
Jl-Ag '56. (MIRA 10:1)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (dir. - chlen-korrespondent ANU SSSR prof. A.A.Bagdasarov)
Ministerstva zdavookhraneniya SSSR.
(ANEMIA, LEUKOERYTHROBLASTIC.
(Rus))

DUL'TSIN, M.S., professor; NOVIKOVA, E.Z., kandidat meditsinskikh nauk;
FAYNSHTYIN, F.E., kandidat meditsinskikh nauk; FRINOVSKAYA, I.V.

a clinical variant of osteomyelopoietic dysplasia. Terap.arkh.
28 no.4:51-61 '56. (MLRA 9:9)

1. Iz gematologicheskoy kliniki (zav.-prof. M.S.Dul'tsin) Tsentral'-
nogo ordena Lenina instituta gematologii i perelivaniya krovi.

(ANEMIA, LEUKOERYTHROBLASTIC, compl.

sclerosis, periosteal, differ. diag., x-ray)

(SCLEROSIS

periosteal, in leukoerythroblastic anemia, differ.
diag., x-ray)

NOVIKOVA, E.Z., kandidat meditsinskikh nauk

Osseous changes in chronic forms of leukemia in adults. Vest.
rent. i rad. 31 no.3:70-76 My-Je '56. (MIRA 9:9)

1. Iz Tsentral'nogo ordena Lenina Instituta gematologii i perelivaniya
krovi (dir.- chlen-korrespondent AMN SSSR prof. A.A.Bagdasarov,
nauchnyye rukovoditeli - prof. I.L.Tager i chlen-korrespondent AMN
SSSR prof. N.A.Krayevskiy)

(LEUKEMIA, pathology,
bones (Rus))

(BONES, in various diseases,
leukemia (Rus))

NOVIKOVA, E.Z., kand.med.nauk, KHOKHLOVA, M.P., kand.med.nauk

Problem of forms and certain features of myeloma (X-ray anatomical comparisons) [with summary in English]. Vest.rent. 1 rad. 33 no.5
8-18 8-0 '58 (MIRA 11:11)

1. Iz Tsentral'nogo instituta gematologii i perelivaniya krovi
(dir. - deystvitel'nyy chlen ANU SSSR prof. A.A. Bagdasarov).
(MYELOMA, PLASMA, CELL
anat. & x-ray comparisons (Rus))

PATSIORA, M.D., NOVIKOVA, E.Z., SUKIYAN, G.V.

Report of a case of hemorrhagic leiomyoma of the duodenum. *Khirurgiya*
34 no.5:120-122 My '58 (MIRA 11:7)

1. Iz khirurgicheskoy kliniki (zav.- prof. D.M. Grozdov) Tsentral'nogo
ordena Lenina Instituta gematologii i perelivaniya krovi (dir. - chlen-
korrespondent AMN SSSR prof. A.A. Bagdasarov).

(ESOPHAGUS, neoplasms
leiomyoma, hemorrhagic case (Rus))

(LEIOMYOMA, case reports
esophagus hemorrhagic case (Rus))