

BOMBCHINSKIY, V.P.; VTOROV, N.A.; DUNDUKOV, M.D.; YEGOROV, S.A., doktor tekhn.nauk, prof.; YERMOLOV, A.I.; ZAVORUYEV, V.P.; KALININ, V.V.; KACHEROVSKIY, N.V.; KUZNETSOVA, A.K.; KUZ'MIN, I.A., kand.tekhn.nauk; MEDVEDEV, V.M., kand.tekhn.nauk; MIKULOVICH, B.F.; MIKHAYLOV, V.V., kand.tekhn.nauk; PETRASHEN', R.N.; REYZIN, Ye.S.; SINYAVSKAYA, V.M.; KHALTURIN, A.D.; SHCHERBINA, I.N., kand.tekhn.nauk; SEVAST'YANOV, V.I., red.; KARAULOV, B.F., retsenzent; LOVETSKIY, Ye.S., retsenzent; MIKHAYLOV, A.V., doktor tekhn.nauk, retsenzent; NATANSON, A.V., retsenzent; SOKOL'SKIY, M.M.; retsenzent; STANKEVICH, V.I., retsenzent; FRYGOFER, Ye.F., retsenzent; GOTMAN, T.P., red.; VORONIN, K.P., tekhn.red.

[Work of the All-Union Scientific Research Institute for the Study and Design of Hydraulic Structures] Nauchno-issledovatel'skie raboty Gidroproekta. Pod obshchei red. V.I.Sevast'ianova. Moskva, Gos.energ.izd-vo, 1961. 214 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut Gidroproyekt imeni S.Ya.Zhuk. Nauchno-issledovatel'skiy sektor.

(Hydraulic engineering--Research)

KHANAAROV, Dzhmra Khanasarovich; KUZNETSOVA, Antonina Leont'yevna;
KATSNEL'SON, S.M., red.; SAVCHENKO, Ye.V., tekhn.red.

[First year of the seven-year plan for agriculture in
Uzbekistan] Pervyi god semiletki v sel'skom khoziaistvo
Uzbekistana. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vse-
soluznoe obshchestvo po rasprostraneniu politicheskikh i
nauchnykh znani. Ser.5, Sel'skoe khoziaistvo, no.12)

(MIRA 13:6)

1. Ministr sel'skogo khozyaystva Uzbekskoy SSR (for Khanasarov).
2. Zamestitel' nachal'nika planovo-ekonomicheskogo upravleniya
Ministerstva sel'skogo khozyaystva Uzbekskoy SSR (for Kuznetsov).
(Uzbekistan--Agriculture)

KUZNETSOVA, A.M., veterinarnyy vrach

Some characteristics of the course of leptospirosis in swine.
Veterinariia 41 no.4:45-46 Ap '64. (MIRA 17:8)

1. Cherkasskaya oblastnaya veterinarnaya laboratoriya.

KUZNETSOVA, A. N. = "The stratigraphy of the Lower Cretaceous of the Saratov right-bank region based on the foraminifera." Saratov State U imeni N. G. Chernyshevskiy. Saratov, 1956. (Dissertations for the Degree of Candidate in Geologicomineralogical Sciences).

SO: Knizhnaya Letopis' No. 22, 1956

KUZNETSOVA, A.M.

New data on Maestrichtian sediments in Penza Province. Uch.zap.
SGU 74:31-34 '60. (MIRA 15:7)
(Penza Province--Geology, Stratigraphic)

BASHLYKOVA, Ye.P.; DREYSIN, A.G.; KOZHEVNIKOV, I.I.; KUZNETSOVA,
A.M.

Lower Cretaceous sediments of Obshchii Syrt and their
division based on the general correlation of electric logs
of boreholes and macro- and microfauna. Trudy VNIGNI
no.29.35-48 vol.3 '61. (MIRA 14:9)
(Obshchii Syrt--Geology, Stratigraphic)

ROTFEL'D, V.M.; IVANOVA, A.N.; KUZNETSOVA, A.M.; KHABAROVA, T.N.

Lower-Cretaceous sediments of the northwestern part of the north-Caspian oil- and gas-bearing basin and adjacent territories. [Trudy] NILneftegaza no.10:257-275 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti; Nizhnevolzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki i Saratovskiy gosudarstvennyy universitet im. Chernyshevskogo.

KUZNETSOVA, A. N. -- "The Secretary Function of the Stomach and Its Control." Acad Med Sci USSR, Moscow, 1956. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No 43, October 1956, Moscow

KUZNETSOVA, A.N.

KUZNETSOVA, A.N.

Gastric excretory function [with summary in English]. Biul. eksp.
biol. i med. 43 no.4:19-24 Ap '57. (MIRA 10:10)

1. Iz laboratorii fiziologii (sav. - deystvitel'nyy chlen AMN SSSR
prof. P.K.Anokhin) Instituta khirurgii imeni A.V.Vishnevskogo (dir.
chlen-korrespondent AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR, Moskv.
Predstavlena deystvitel'nyy chlenom AMN SSSR prof. P.I.Anokhinym.

(STOMACH, physiol.

excretory funct., eff. of quantity of food & histamine
in dogs)

(HISTAMINE, eff.

on excretory funct. of stomach in dogs)

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59 . . .

1623. EXCRETION OF UREA AND AMMONIA BY THE GASTRIC MUCOSA
(Russian text) - Kuznetsova A. N. Physiol. Lab., 'A. V. Vishnevsky'
Inst. of Surg., Acad. of Med. Scis, Moscow - VOPR, MED. KHIMII 1958,
4/2 (114-119) Graphs 6

The gastric mucosa excretes variable amounts of urea and ammonia under normal conditions. Stimulation of the flow of gastric juice by histamine does not change the concentration of these substances in the juice. The amount of ammonia excreted is greater than the amount of urea. Rise of blood concentration of these substances increases their excretion, indicating that they come from the blood rather than from the mucosa. There is no regular relationship between secretory and excretory functions of the mucosa.

Leicester - San Francisco, Calif..

KUZNETSOVA, A.N.

Mechanism of the regulation of the excretory function of the stomach.
Eksper.khir. 4 no.5:47-50 S-O '59. (MIRA 13:1)

1. Iz fiziologicheskoy laboratorii (sav. - deystvitel'nyy chlen AMN SSSR prof. P.K. Anokhin) Instituta khirurgii imeni A.V. Vishnevskogo AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) i kafedry operativnoy khirurgii (sav. - chlen-korrespondent AMN SSSR prof. B.V. Ogniev) Tsentral'nogo instituta usovershenstvovaniya vrachey (TsIU).

(STOMACH, physiol.)

KUZNETSOVA, A.N.

Effect of section of the vagus nerves on the excretory function of the stomach. *Biul. eksp. biol. i med.* 50 no.9:33-37 S '60.

(MIRA 13:11)

1. Iz fiziologicheskoy laboratorii (zav. - deystvitel'nyy chlen AMN SSSR P.K. Anokhin) Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR A.A. Vishnevskiy) AMN SSSR i kafedry operativnoy khirurgii (zav. - chlen-korrespondent AMN SSSR prof. B.V. Ognev) Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

(VAGUS NERVE--SURGERY)

(STOMACH)

ZOLOTAREVSKIY, V.Ya.; KUZNETSOVA, A.N.

Method for catheterization of the urinary bladder in rabbits.
Lab. delo [7] no.4:56 Ap '61. (MIRA 14:3)

1. Ozhogovyy otdel (zav. M.I.Shraber) i laboratoriya normal'noy
i patologicheskoy fiziologii (zav. - prof. L.L.Shik) Instituta
khirurgii imeni A.V.Vishnevskogo AMN SSSR, Moskva.
(CATHETER) (URINE)

KUZNETSOVA, A.N. (Moskva)

Use of hypothermia in acute intestinal obstruction. Pat.
fiziol. i eksp. terap. 7 no.2:46-50 Mr-Ap'63. (MIRA 16:10)

1. Iz laboratorii normal'noy i patologicheskoy fiziologii
(zav. - prof. L.L.Shik) Instituta khirurgii imeni A.V.
Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof.
A.A.Vishnevskiy)AMN SSSR.
(HYPOTHERMIA) INTESTINES--OBSTRUCTIONS)

ACC NR: AP6024545

SOURCE CODE: UR/0089/66/021/001/0060/0062

AUTHOR: Kuznetsova, A. P.; Sharov, B. V.

ORG: none

TITLE: Change of mechanical properties of an aged aluminum alloy after operation in a nuclear reactor

SOURCE: Atomnaya energiya, v. 21, no. 1, 1966, 60-62

TOPIC TAGS: aluminum alloy, neutron irradiation, mechanical property, ultimate strength, high temperature strength, thermal aging/ SAV-1 aluminum alloy

ABSTRACT: An aluminum alloy containing 0.6 - 1.2% silicon and 0.45 - 0.9% magnesium (brand SAV-1) and similar to the American alloy 6061 (61S) was investigated. This alloy is used as structural material in the active zone of nuclear reactors, in view of its low absorption of thermal neutrons. A tube made of this alloy was used as technological channel in the reactor of the Institute of Theoretical and Experimental Physics. The stress-elongation diagram, the ultimate strength, and the creep of several sections of the tube were measured before and after irradiation in a flux of 6×10^{20} neut/cm². The results show that neutron irradiation strengthens the alloy, but the residual deformation and the modulus of elasticity remain practically the same. No changes in the microstructure were observed. It is concluded that the changes that take place in the alloy during operation in the reactor are the results of its prolonged exposure to heat, and not the result of neutron irradiation. This agrees with

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UDC: 621.039.56: 669.715

L 06455-67

ACC NR: AF6024545

results obtained for the quenched and aged alloy 6061 (618). The authors thank S. A. Gavrilov for help with the work. Orig. art. has: 3 figures and 2 tables. 2

SUB CODE: 18/ SUBM DATE: 22Jan66/ ORIG REF: 002/ OTH REF: 001

nuclear metallurgy ¹⁸

Card 2/2 *pla*

KUZNETSOVA, A.P.

Methods of speeding up the placing of moist bricks in kilns. Rats.
i izobr. predl. v stroi. no.3:67-69 '57. (MIRA 11:1)
(Brickmaking)

KUZNETSOVA, A.P.

New species of fungus, *Typhula humulina* A.Kuzn., in underground stems of hops (De fungo novo *Typhula humulina* A.Kuzn. in ramulis subterraneis *Humuli lupuli* L.). Bot.mat.Otd.spor.rast. 9:142-145 My '53. (MLRA 7:2)

(Fungi, Pathogenic) (Hops--Diseases and pests)

PEREVESINSKIY, I.F.; KUZNETSOVA, A.P.; RAZUMOVSKIY, S.D.

Comprehensive processing of pyrolysis tar and of a heavy absorbent.
Khim. prom. no. 2:101-105 F '61. (MIRA 14:4)
(Coal tar products)

YAKIMOV, G.I.; CHERNOMORDIK A.Z., inzh.-khimik; KUZNETSOVA, A.Z.

Use of hydrogen peroxide for the preparation of starch
thickeners. Tekst. prom. 21 no.10:62-63 0 '61.

(MIRA 14:10)

1. Zavoduyushchiy khimicheskoy laboratoriyey fabriki Bol'shaya
Ivanovskaya manufaktura (for Yakimov). 2. Khimicheskaya
laboratoriya fabriki Bol'shaya Ivanovskaya manufaktura (for
Chernomordik). 3. Starshiy master pechatnoy laboratorii
fabriki Bol'shaya Ivanovskaya manufaktura (for Kuznetsova).

(Textile printing)
(Thickening agents)

L 26589-66 EWT(m)/EPF(n)-2/EWA(d)/T/EWP(t) IJP(c) GG/JD

ACC NR: AP6011429 SOURCE CODE: UR/0020/66/167/004/0789/0791

AUTHORS: Kritskaya, V. K.; Il'ina, V. A.; Kuznetsova, A. P.; Sharov, B. V.

50
B

ORG: Institute of Metal Science and the Physics of Metals of the Central Scientific Research Institute of Ferrous Metallurgy im. I.

P. Barden (Institut metallovedeniya i fiziki metallov Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii); Institute of Theoretical and Experimental Physics (Institut teoreticheskoy i eksperimental'noy fiziki)

TITLE: Anisotropy of displacements of the atoms in the crystal lattice of the alpha phase of neutron-bombarded carbon steel

SOURCE: AN SSSR. Doklady, v. 167, no. 4, 1966, 789-791

TOPIC TAGS: carbon steel, neutron bombardment, crystal lattice deformation, crystal lattice defect, crystal anisotropy

ABSTRACT: This is a continuation of earlier work by the authors (DAN, v. 158, no. 4, 843, 1964) where anomalies were observed in the atten-

Card 1/3 UDC: 539.12.04

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L 26589-66

ACC NR: AP6011429

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uation of certain x ray reflections from neutron-bombarded steels. Since the experimental material obtained in the earlier investigation was insufficient to draw definite conclusions concerning the crystallographic directions in the lattice of the investigated metals, the authors have carried out a more complete study, using the α phase of U-9 steel. The preparation of the samples, the heat treatment, the neutron-bombardment conditions, and the x ray photography procedure were the same as before, except that a mechanical pulse counter was added to the apparatus to improve the reliability and the accuracy. To determine the variation of the intensity of the x-ray reflections from different crystallographic planes, the authors measured the integral intensities of the x ray interferences of a large number of reflections with different multiple values of h , k , and l . The results show that neutron bombardment decreases the intensity of the scattered x rays more for some planes than for others. This is taken as convincing proof that the crystallographic orientation plays an important role in the formation of point defects by neutron bombardment. The distribution of these defects is anisotropic. The mean displacement of the atoms was 0.04 \AA for the $(h00)$ and (hhh) planes,

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as against 0.025 \AA for most other planes. Certain planes (for example (631)) experienced no change in scattering ability at all after bombardment. This report was presented by Academician G. V. Kurdyumov on 24 July 1965. Orig. art. has: 2 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 02Jul65/ ORIG REF: 005/ OTH REF: 004

Card

3/3 GLG

BALANDINA, V.A., kand.med.nauk; KAGANOVICH, D.I., kand.med.nauk;
KUZNETSOVA, A.P.

Content of hemoglobin and erythrocytes in the blood of children
in Novosibirsk kindergartens. *Pediatrics* no.7:44-47 '62.

(MIRA 15:12)

1. Iz otdela gigiyeny detey i podrostkov Novosibirskogo nauchno-
issledovatel'skogo sanitarnogo instituta.

(ERYTHROCYTES) (HEMOGLOBIN) (NOVOSIBIRSK--KINDERGARTENS)

KUZNETSOVA, A.P., kand. sel'skokhoz. nauk

Phosphorus organic pesticides in controlling hop pests. Zashch.
rast. ot vred. i bol. 7 no.9:40 S '62. (MIRA 16:8)

1. Respublikanskaya khmelevodcheskaya stantsiya, st. Kalistovo,
Moskovskoy oblasti.

(Hops--Diseases and pests)
(Insecticides)

VLADIMIROV, V.I., prof., red.; KUZNETSOVA, A.S., red.

[Effect of the quality of spawners on the offspring in fish] Vliianie kachestva proizvoditelei na potomstvo u ryb. Kiev, Naukova dumka, 1965. 141 p. (MIRA 18:5)

1. Akademiya nauk URSR, Kiev. Instytut hidrobiologii.

SLUKHAY, Stepan Ivanovich; VLASYUK, P.A., akademik, otv. red.;
KUZNETSOVA, A.B., red.

[Nutrition and fertilization of young woody plants] Pi-
tanie i udobrenie molodykh drevesnykh rastenii. Kiev,
Naukova dumka, 1965. 300 p. (MIRA 18:7)

1. AN Ukr.SSR i Vsesoyuznaya akademiya sel'skokho-
zyaystvennykh nauk imeni V.I.Lenina (for Vlasyuk).

DROBOT'KO, V.G., otv. red.; AYZENMAN, B.Ye., red.; MANDRIK, T.P., red.;
BEL'TYUKOVA, K.I., red.; ZELEPUKHA, S.I., red.; NEGRASH,
A.K., red.; KULIKOVSKAYA, M.D., red.; MATYSHEVSKAYA, M.S.,
red.; POCHINOK, P.Ya., red.; SHVAYGER, M.O., red.;
KUZNETSOVA, A.S., red.

[Phytoncides in the national economy] Fitontsidy v narodnom
khoziaistve. Kiev, Naukova dumka, 1964. 350 p.

(MIRA 17:11)

1. Akademiya nauk URSS, Kiev. Instytut mikrobiologii i vi-
rusologii. 2. Institut mikrobiologii AN Ukr.SSR (for
Zelepukha, Pochinok, Negrash, Kulikovskaya).

KUZNETSOVA, Aleksandra Sergeyevna; UKHIN, P., redaktor; MUKHIN, Yu.,
tekhicheskiy redaktor

[Organization of wages in Soviet industrial enterprises] Organiza-
tsiia sarabotnoi platy rabochikh na promyshlennykh predpriatiakh
SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1956. 79 p. (MLRA 9:9)
(Wages)

BORISOV, Ye.F., dots.; BREGEL', E.Ya., prof.; BUKH, Ye.M., dots.;
VASHENTSEVA, V.M., dots.; COLEVA, Yu.P., kand. ekon. nauk;
GOLEVA, A.P., kand. ekon. nauk; DEMOCHKIN, G.V., dots.;
DONABEDOV, G.T., kand. ekon. nauk; YERMOLOVICH, I.I., dots.;
KALYUZHNYI, V.M., dots.; KORNEYEVA, K.G., dots.; KUZNETSOVA,
A.S., prof.; MIROSHNICHENKO, V.S., dots.; MYASNIKOV, I.Ya.,
kand. ekon. nauk; PIKIN, A.S., dots.; SIDOROV, V.A.; SMIRNOV,
A.D., dots.; SOLOV'YEVA, K.F., dots.; SOROKINA, I.F., dots.;
TARUNIN, A.F., kand. ekon. nauk; KHARAKHASH'YAN, G.M., prof.;
MENDEL'SON, A.S., red.; SHVEYTSER, Ye.K., red.; ROTOVA, R.S.,
red.; GARINA, T.D., tekhn. red.

[Economics of socialism] Politicheskaya ekonomia sotsializ-
ma. Moskva, Gos.izd-vo "Vysshaya shkola," 1963. 476 p.
(MIRA 17:2)

KORNEYEV, V.I.; KUZNETSOVA, A.S., inzh.-ekonomist

Mechanization of cost accounting and statistical work in
the Leningrad post office. Vest. sviazi 25 no.1:15-16 Ja
'65. (MIRA 18:4)

1. Nachal'nik Leningradskogo pochtamta (for Korneyev).

KUZNETSOVA, A.S.

Modifications in respiratory amplitude in vascular diseases of the brain. Zhur.nevr. i psikh. 56 no.6:460-463 '56. (MIRA 9:8)

1. Kafedra nervnykh bolezney (zav. doktor meditsinskikh nauk A.G. Panov) Leningradskogo pediatricheskogo meditsinskogo instituta i Klinika nervnykh bolezney (zav. kafedroy prof. S.H.Davidenkov) Leningradskogo instituta usovershenstvovaniya vrachey.

(BRAIN, blood supply

vasc. disord., causing modification of resp. amplitude)

(RESPIRATION, function tests

resp. amplitude modifications in cerebral vasc. disord.)

KUZNETSOVA, A.S.

Disorders of the respiratory rhythm in vascular diseases of the brain [with summary in French]. Zhur.nevr.i psikh. 57 no.8:950-954 '57. (MIRA 10:11)

1. Klinika nervnykh bolezney Instituta usovershenstvovaniya vrachey (sav. - prof. S.N.Davidenkov) i Klinika nervnykh bolezney Leningradskogo meditsinskogo instituta.

(RESPIRATION, in various diseases, cerebral vasc. dis. (Rus))

(CEREBRAL THROMBOSIS AND EMBOLISM, physiology, resp.rhythm (Rus))

(CEREBRAL HEMORRHAGE, physiology, same)

KUZNETSOVA, A.S.

Clinical variants of cerebral insultus; 10-year data from the neurological department of the Kuybyshev hospital [with summary in English]
Zhur. nevr. i psikh. 28 no.9:1057-1063 '58 (MIRA 11:11)

1. Klinika nervnykh bolesney (sav. kafedroy - prof. Ye.F. Davidenkova)
Leningradskogo pediatricheskogo meditsinskogo instituta.
(CEREBRAL HEMORRHAGE, statist.
hosp. statist. (Rus))

KUZNETSOVA, A.S., kand.med.nauk (Leningrad)

On transitory disorders of cerebral circulation. Klin.med. 37 no.9:
121-126 S '59. (MIRA 12:12)

1. Iz kliniki nervnykh bolezney (sav. - prof. Ye.F. Davidenkova)
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof.
N.T. Sautova).
(BRAIN, blood supply)

KUZNETSOVA, A.S.

Changes in the ocular fundus in subarachnoid hemorrhage in patients
with hypertension. Zhur. nerv. i psikh. 60 no. 6:679-682 '60.

(MIRA 13:12)

1. Kafedra nervnykh bolezney (zav. - prof. Ye.F. Davidenkova)
Leningradskogo pediatricheskogo meditsinskogo instituta.
(EYE) (BRAIN--HEMORRHAGE) (HYPERTENSION)

KUZNETSOVA, A.S.

Convulsive syndrome in subarachnoid hemorrhages. Sov.med. 25 no.12:
90-94 D '61. (MIRA 15:2)

1. Iz kliniki nervnykh bolezney Izav. - prof. Ye.F.Davidenkova)
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. -
kand.med.nauk Ye.P.Semenova).
(BRAIN_HEMORRHAGE) (CONVULSIONS)

KUZNETSOVA, A.S.

Cerebral insulti in hypertension according to observations
at the neurological department of the Kuybyshev Hospital.
Vop. psikh. i nevr. no.9:13-23 '62. (MIRA 17:1)

1. Kafedra nervnykh bolezney (zav. - prof. Ye.F. Davidenkova)
Leningradskogo peditricheskogo meditsinskogo instituta
(dir. - prof. N.T. Shutova).

KAS'YANENKO, Inga Vladimirovna; KUZNETSOVA, A.S., red.

[Diseases of the digestive organs in elderly persons]
Bolezni organov pishchevarenia u lits pozhilogo voz-
rasta. Kiev, Izd-vo AN Ukr.SSR, 1964. 35 p.
(MIRA 17:8)

PODSHIBYAKIN, Anatoliy Kuz'mich; KUZNETSOVA, A.S., red.

[Trophic functions of the nervous system] O troficheskoi
funktsii nervnoi sistemy. Kiev, Izd-vo AN USSR, 1964. 61 p.
(MIRA 17:10)

KUZNETSOVA, A.S., dotsent

Aneurysms of the brain vessels in diseases of the cardiovascular system. Trudy LPMI 31 no.2:281-286 '63. (MIRA 17:10)

1. Iz kafedry nervnykh bolezney Leningradskogo pediatricheskogo meditsinskogo instituta.

KUZNETSOVA, A.S., dozent.

Hemorrhage in the ventricles of the brain in some brain tumors. Trudy
LPMI 31 no.2:287-291 '63. (MIRA 17:10)

1. Iz kafedry nervnykh bolezney Leningradskogo pediatricheskogo
meditsinskogo instituta.

YAREMA, A.A.; POGREBNIYAK, L.P.[Pohrebniak, L.P.]; KUZNETSOVA,
A.S., red.

[Russian-Ukrainian veterinary dictionary. 12,000 terms]
Rosii's'ko-ukrains'kyi veterynarnyi slovnyk. 12 000 ter-
miniv. Kyiv, Naukova dumka, 1964. 380 p. (MIRA 18:1)

ZOSIMOVICH, V.P., red.otv.; MODILEVSKIY, Ya.S., red.; KOLESNIK,
N.N., doktor biol. nauk, red.; KHUDYAK, M.I., kand.
biol. nauk, red.; KORDYUM, Ye.L., kand. biol. nauk, red.;
KUZNETSOVA, A.S., red.

[Cytology and genetics] TSitologiya i genetik . Kiev,
Naukova dumka, 1965. 223 p. (MIRA 19:1)

1. Akademiya nauk URSR, Kiev. 2. Chlen-korrespondent
AN Ukr.SSR i Institut botaniki AN Ukr.SSR (for Zosimovich).

KUZNETSOVA, A.S.; NIKIFOROV, B.M.

Clinical aspects and diagnosis of aneurysms of the middle cerebral artery. Zhur. nev. i psikh. 65 no.10:1441-1446 '65.

(MIRA 18:10)

1. Kafedra nervnykh bolezney (zaveduyushchiy - prof. Ye.F. Davidenkova) Leningradskogo pediatricheskogo meditsinskogo instituta (direktor - dotsent Ye.P.Semenova).

PALLADIN, Aleksandr Vladimirovich, akademik; KUZNETSOVA, A.S.,
red.; MATYASHEVSKAYA, T.I., red.

[Problems of the biochemistry of the nervous system]
Voprosy biokhimi nervnoi sistemy. Kiev, Naukova dumka,
1965. 183 p. (MIRA 18:9)

OKANENKO, A.S., doktor biol. nauk, otv. red.; KUZNETSOVA, A.S.,
red.

[Photosynthesis and pigments as factors affecting crops]
Fotosintez i pigmenty kak faktory urozhaia. Kiev, Naukova
dumka, 1965. 186 p. (MIRA 18:9)

1. Akademiya nauk USSR, Kiev.

REVA, Mikhail Lukich; KONDRATYUK, Ye.M., doktor biol. nauk,
stv. red.; RUZNETSOVA, A.S., red.

[Vegetative propagation of trees and shrubs under natural
conditions] *Vegetativne rozmnozhenia derevnykh ta kushcho-*
vykh roslyn v pryrodnykh umovakh. Kyiv, Naukova dumka,
1965. 215 p. (MIRA 18:9)

ROZENTAL', D.A.; ZHDANOVA, S.G.; KUZNETSOVA, A.S.

Catalytic oxidation of petroleum bitumen. Nefteper. i neftekhim.
no.12:26-28 '64. (MIRA 18:2)

1. Leningradskiy tekhnologicheskii institut im. Lensoveta.

YEGOROV, S.V., dotsent, kandidat tekhnicheskikh nauk; KUZNETSOVA, A.V., inshener.

Practical machining of textolite and glass textolite. Vest.mash. 33 no.10:
41-44 0 '53. (MIRA 6:10)
(Plastics)

KUZNETSOVA, A.V.

KUZNETSOVA, A.V., assistant

Unilateral striated purpuric plane dermatitis in a newborn infant.
Vest. ven. i derm. no.6:44 N-D '54. (MIRA 8:2)

1. Klinika koshnykh i venericheskikh bolesney Novosibirskogo
meditsinskogo instituta.
(INFANTS--DISEASES) (SKIN--DISEASES)

KUZNETSOVA, A. V.

"Data on the Clinical Course and Treatment of Pneumonias in Children with Chronic Nutritional Disorders." Sverdlovsk State Medical Inst., Chair of the Diseases of Children of the Practice Division, Sverdlovsk, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

SOV/58-59-7-15860

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 174 (USSR)

AUTHORS: Kuznetsova, A.V., Molokovskiy, S.I.

TITLE: Focusing an Electron Beam With a High Space-Charge Value Using the Magnetic Field of a Solenoid System

PERIODICAL: Izv. Leningr. elektrotekhn. in-ta, 1958, Vol 36, pp 125 - 129

ABSTRACT: The authors describe an experimental study dealing with the focusing of electrons by means of a longitudinal magnetic field generated by a system of coaxial solenoids. The initial formation of the beam was effected by a Pierce electron gun. The authors cite what experimental distribution of the magnetic field along the axis of the system yielded the highest assurance that 95% of the beam current would pass through the field.

L.S. Solov'yev

Card 1/1

KRYLOV, K. I., prof. doktor tekhn.nauk; KUZNETSOVA, A. V., aspirant;
ROZHNOV, K. S., nauchnyy sotrudnik

Electron optical systems forming cylindrical electron streams of
great density with voltages of 100 and 200 kv. Izv. LFTI no.38:125-
136 '59. (MIRA 13:8)

(Electron optics--Equipment and supplies)
(Electron beams)

~~XXXXXXXXXX~~ KUZNETSOVA, A V

✓ New method of synthesis of esters of phosphoric and
 thiophosphoric acids. XX. Addition of incomplete esters
 of acids of phosphorus to esters of isocyanic acid. *A. I. G. H.*
~~Pudovik and A. V. Kuznetsova (State Univ. Kazan)~~
Zhur. Obshchei Khim. 25, 1366-72 (1955); *J. C.S. 49,*
 8788i; 50, 2417c. — Equimolar mixts. of RNCO with (RO)₂P
 POH, (RO)₂PSH, or (RO)₂PSH were heated on a steam bath
 20-40 min. with or without addn. of dry R'ONa. The re-
 sulting adducts were distd. or crystall. MeNCO reacts slowly
 without the catalyst, but with R'ONa the reaction is rapid
 and energetic; PhNCO is more reactive and reacts with
 (MeO)₂PSH without catalyst. Good yields and sufficiently
 pure products were obtained only from the di-Me esters of
 P acids. The reaction probably occurs by preliminary addn.
 of the P atom to the C of the NCO group. The following
 esters are reported (b.p., m.p., n_D²⁰, d₄²⁰, yield %, given):
 MeNHCO(OXOMe), b. 135-7°, —, 1.4535, 1.2929, 35%;
 MeNHCO(OXOEt), b. 142°, —, 1.4523, 1.1800, 69%;
 MeNHCO(OXOBu), b. 182-3°, —, 1.4148, 1.0591, 10%;
 MeNHCO(OXOCH₂CH₂Me), b. 102°, m. 39-40°, —,
 68%; MeNHCO(SXOMe), b. 141-5°, —, 1.5118, 1.2874,
 64%; MeNHCO(SXOEt), b. 139°, m. 30-7°, —,
 55%; MeNHCO(SXOBu), b. 172-3°, —, 1.4838, 1.0821,
 37%; PhNHCO(OXOMe), —, m. 103°, —, —, 67%; Ph-
 NHCO(SXOMe), —, m. 93°, —, —, 63%; PhNH-
 COSP(SXOEt), —, m. 167°, —, —, 82%. Reaction of 12
 g. (MeO)₂P with 7 g. PhNHCOCl gave MeCl and 10 g.
 PhNHCO(OXOMe), m. 102-3°, identical with the above
 described specimen, thus confirming the nature of the re-
 action. The above compounds showed but a very weak tox-
 icity against the barn weevil. Also in *J. Gen. Chem. U.S.S.R.*
 25, 1317-19 (1955) (Engl. translation). G. M. Kosolovoff.

(1)
 (1)

KAZITSYNA, L.A.; PASYNKEVICH, S.V.; KUZNETSOVA, A.V.; REUTOV, O.A.

Synthesis, structure, and infrared spectra of boron halides
and aryl diazonium tetraphenyl borates. Izv.AN SSSR.Otd.-
khim.nauk no.3:448-453 Mr '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Boron halides--Spectra) (Diazonium compounds--Spectra)

KAZITSYNA, L.A.; PASYNKEVICH, S.V.; KUZNETSOVA, A.Y.; REUTOV, O.A.

Synthesis, structure, and infrared spectra of aryl diazonium cadmium halides. Izv. AN SSSR. Otd. khim. nauk no.10:1762-1767 0 '62. (MIRA 15:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Diazonium compounds—Spectra)

UL'MAN, I.Ye., dots., kand. tekhn. nauk, otv. red.; KHARITONCHIK, Ye.M., prof., otv. za vyp.; Prinsipali uchastiye: LEBEDEV, S.P., prof., doktor tekhn. nauk, red.; SERGEYEV, M.P., prof., red.; KUZNETSOVA, A.V., doktor sel'khoz. nauk, red.; MELAMED, V.I., dots., red.; DEULIN, N.P., dots., red.; SOKOLOV, B.F., dots., red.; ROMALIS, B.L., dots., red.; RASKATOVA, Ye.A., dots., red.; TONN, G.A., kand. tekhn. nauk, red.; PANUS, Yu.V., st. prepod., red.; KUBEYSHEV, V.A., st. prepod., red.

[Materials of the Jubilee Scientific Conference of the Chelyabinsk Institute of the Mechanization and Electrification of Agriculture] Materialy [Uibileinici nauchnoi konferentsii. Cheliabinsk. Pt.1. [Investigation of the elements of design and the system of agricultural machinery] Issledovanie elementov konstruksii i sistemy mashin v sel'skokhoziaistvennom proizvodstve. 1962. 122 p. Pt.2. [Improvement in the design of machinery and the means for prolonging their service life] Sovershenstvovanie konstruksii mashin i puti uvelichenia ikh dolgovechnosti. 1962. 118 p. Pt.3. [New methods for using electric power in mobile units and technological processes in agriculture] Noveye sposoby ispol'zovania elektricheskoi energii v mobil'nykh agregatakh i tekhnologicheskikh protsessakh sel'skokhoziaistvennogo proizvodstva. 1962. 44 p. (MIRA 16:8)

1. Chelyabinsk. Institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Agricultural machinery) (Electricity in agriculture)

KAZITSYNA, L.A.; KUZNETSOVA, A.V.; REUTOV, O.A.

Infrared spectra of diazonium salts of pentavalent antimony.
Zhur.ob.khim. 33 no.7:2245-2247 J1 '63. (MIRA 16:8)
(Diazonium compounds--Absorption spectra) (Antimony compounds)

KAZITSYNA, L.A.; KUZNETSOVA, A.V.; KORYTINA, O.A.; REUTOV, O.A.

Structure of p-dimethylaminophenyldiazonium. Dokl.
AN SSSR 154 no.2:379-382 Ja'64. (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.
Lomonosova. 2. Chlen-korrespondent AN SSSR (for Reutov).

Roznetsova A. V.

(17)

The nitrate content in soils of the Chelyabinsk province during various periods of the year. A. V. Roznetsova (Inst. Mech. and Elec. Ag. Chelyabinsk) *Agriculture* 1955, No. 6, pp. 12-13. Data on nitrate content in chernozem soil show that this source of N is high during the fall and winter and is being utilized by plants in the spring and summer. In fallow soils the nitrate content continues to be high during the summer, whereas for the period very little NO_3 can be found in soils in wheat and rye. I. S. Joffe.

KUZNETSOVA, A. V.

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72680

Author : Kuznetsova, A. V.

Inst : Chelyabinsk Institute of Mechanization and Electrification
of Agriculture

Title : Influence of Cold on the Content of Nitrate and Ammonium
Nitrogen in the Chernozems of Chelyabinsk Oblast

Orig Pub : Vestn. s.-kh. nauki, 1957, No 6, 26-34

Abstract : In the chernozem on a fallow field of the training farm
of the Chelyabinsk Institute of Mechanization and
Electrification of Agriculture in November of 1955, 14.7
mg of ammonium and nitrate nitrogen was contained per 1
kg of dry soil; in April, this margin of the soil was not
changed. In the soils plowed before freezing, the content
of N did not change markedly before spring. In laboratory
experiments with 87 soil samples taken from the fallow

Card 1/2

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abu Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72680

field after it had frozen through, there was a marked increase of the quantity of nitrate in 5l, in 19 a decrease, and in 17 samples the content of nitrates did not change markedly. Stable cold winters contributed to the preservation of mineral forms of N in the soil up to spring. The early spring period of sowing of grain cultures favors the utilization by plants of the nitrate and ammonia N which accumulated in the soil during the summer and autumn of the preceding years. -- S. A. Nikitin

Card 2/2

19

USSR/Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68197

Author : Kuznotsova, A. V.

Inst : -

Title : Chinese Methods of Growing Garlic.

Orig Pub : Sad i ogorod, 1957, No 8, 24-26

Abstract : A method of growing garlic for its green shoots is described. Before sowing, the garlic sections are sorted out in fractions. They are sown early in spring, in the upper part of the furrow, at a distance of 70 cm from one another. After sowing, the furrows are watered. In all, there are 5-6 waterings during vegetation. In order to ensure the necessary moisture and temperature, corn is sown in between every two rows of garlic. Shoots

Card : 1/2

Kuznetsova, A.V.

USSR / Soil Science. Mineral Fertilizers.

J

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29493.

Author : Kuznetsova, A.V.

Inst : Not given.

Title : The Effect of Fertilization on the Accumulation of Mineral Nitrogen in Fallows on the Chernozem Soils of Chelyabinskaya Oblast.
(Vliyaniye udobreniy na nakopleniye mineral'nogo azota v parakh na chernozemakh Chelyabinskoy oblasti).

Orig Pub: Udobreniye i urozhay, 1957, No 9, 38-41.

Abstract: No abstract.

Card 1/1

KUZNETSOVA, A. V., Doc Agric Sci (diss) -- "Methods of accumulating and preserving mineral forms of nitrogen in the chernozems of the southern Urals".
Voronezh, 1960. 40 pp (Min Agric RSFSR, Voronezh Agric Inst), 150 copies
(KL, No 15, 1960, 137)

LAVROVA, Ye.A.; KUZNETSOVA, A. V.

Analysis of brand-grade lead, zinc, and cadmium in an impurity
by means of the DFS-10 spectrometer. Zav. lab. 31 no. 1: 50-54 '65.
(MIRA 18:3)

1. Gosudarstvennyy institut tsvetnykh metallov.

ACC NR: AP6031708

(N)

SOURCE CODE: UR/03.4/66/000/007/0041/0042

AUTHOR: Frumkin, I. A. (Engineer); Kozlov, V. I. (Engineer); Kuznetsova, A. V. (Engineer); Ostanin, V. G. (Engineer)

ORG: none

TITLE: Attempt to construct a high-pressure reactor for operation at high temperatures

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 7, 1966, 41-42

TOPIC TAGS: metal heat treatment, thermal fatigue, pressure vessel, metallurgic process, chemical reactor / 25Kh2MF steel, 25Kh3MF steel

ABSTRACT: The design of a reactor for operation at 1500 atm and 400°C (for the production of synthetic minerals) is described. The reactor (autoclave) body was made of 25Kh2MF steel and the cover was made of 25Kh3MF steel. After forging, both pieces were subjected to lengthy, multi-stage thermal treatment at 150-1010°C and 4-56 hr duration. After this treatment, both the reactor body and the cover had higher mechanical properties than those required for operation at 1500 atm and 400°C. The assembled reactor passed the 1875 atm test. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 18, 13

SUBM DATE: none/

ORIG REF: 001

UDC: 66.023.7-987.002.2

Card 1/1

DUBOVIK, V.N., st. prepodav.; MAMIN, A.U., kand. geol.-miner. nauk, dots.; OTTO, P.I.; RUMYANTSEVA, A.Ya., kand. geogr. nauk, ispolnyayushchiy obyazannosti dots.; SEREGIN, I.A., st. inzh.; MOSKALEV, A.F.; KOLESNIKOV, B.P., prof., doktor biol. nauk, rektor; OKOROKOV, V.I., kand. biol. nauk, dots.; KLIMENKO, R.A.; STARIKOVA, L.A., assistant; SHUMILOVA, V.Ya., assistant; MAKSIMOVA, Ye.A., dots.; KIRIN, F.V., kand. geogr. nauk, dots.; KUZNETSOVA, A.V., red.; MATVEYEV, S.M., red.; MOROZOV, V.K., red.; RUTKOVSKIY, I.M., red.; TYAZHEL'NIKOV, Ye.M., red.

[Nature of Chelyabinsk Province] Priroda Cheliabinskoi oblasti. Cheliabinsk, Iuzhno-Ural'skoe knazhnoe izd-vo, 1964. 241 p. (MIRA 18:7)

1. Kafedra geografii Chelyabinskogo pedagogicheskogo instituta (for Dubovik, Mamin, Rumyantseva, Kirin).
2. Nachal'nik geologicheskogo otdela Chelyabinskogo geologorazvedchnogo tresta (for Otto).
3. Chelyabinskaya gidrologicheskaya stantsiya (for Seregin).
4. Nachal'nik pochvennoy partii Chelyabinskoy zemleustroitel'noy ekspeditsii (for Moskaev).
5. Institut biologii Ural'skogo filiala AN SSSR (for Kolesnikov).
6. Kafedra zoologii Chelyabinskogo pedagogicheskogo instituta (for Okorokov, Starikova, Shumilova).
7. Chelyabinskiy rybnyy trest (for Klimenko).

KUZNETSOV, A.V.

Using latticed nomograms in plotting axonometric drawings
in the manufacture of machinery. Mashinostroenie no.5:103
S-O '64 (MIRA 18:2)

KUZNETSOVA, Antonina Yevdokimovna; SHUVALOV, M.G., red.

[Water supply for fire extinction] Protivopozharnoe vodo-
snabzhenie. Moskva, Izd-vo MOva kommun.khoz.RSFSR, 1963.
267 p. (MIRA 17:7)

ALTYBAYEV, M.; SAVCHENKO, Yu.I.; KUZNETSOVA, A.Z.; STREL'TSOV, V.V.

Purification of gas by the removal of hydrogen sulfide in a fluidized bed of cinder. Izv.vys.ucheb.zav.; khim.i khim.tekh. 7 no.6:958-961 '64. (MIRA 18:5)

1. Ivanovskiy khimiko-tehnologicheskii institut, kafedra khimicheskogo mashinostroyeniya.

KUZNETSOV, A.V. (Kommunarsk, Luganskaya oblast'); KUZNETSOVA, D.S.
(Kommunarsk, Luganskaya oblast')

Nomographing two problems in mining engineering. Nom. sbor.
no.2154-59 '64. (MIRA 18:3)

ASSONOV, V.A. [deceased]; DEMCHUK, P.A.; KUZNETSOVA, D.S.

Determining the optimal length of sand and clay stemming
of boreholes. Vzryv. delo no.55/12:60-68 '64.

(MIRA 17:10)

DEMCHUK, P.A.; KUZNETSOVA, D.S.

Determining parameters of water stemming of boreholes with
the help of nomographic methods. Varyv. delo no.55/12:
231-238 '64. (MIRA 17:10)

1. KommunarSKIY gornometallurgicheskiy institut.

KUZNETSOV, A.V. (Kommunarsk. Luganskaya oblast'), KUZNETSOVA, D.S. (Kommunarsk.
Luganskaya oblast')

Monographic solution of a mining problem. Mon. aber. no. 3:16-22 '65.
(MIRA 18:10)

KUZNETSOVA, D.Ya., assistant

Clinical and etiological characteristics of gastrointestinal diseases according to the diagnostic intestinal department for adults for the past five years (from 1955 through 1959). Sbor. nauch. trud. Ivan. gos. med. inst. no.25:149-155 '62.

Characteristics of food poisoning according to data of the diagnostic intestinal department for adults. Sbor. nauch. trud. Ivan. gos. med. inst. no.25:156-162 '62. (MIRA 17:5)

1. Iz kafedry infektsionnykh bolezney i epidemiologii (zav. - prof. Ye.P. Uzhinova) Ivanovskogo gosudarstvennogo meditsinskogo instituta (rektor - dotsent Ya.M. Romanov) i infektsionnogo otdeleniya Pervoy Ivanovskoy gorodskoy bol'nitsy (glavnyy vrach - L.I. Safarov).

SPASSKIY, A.A., doktor biol. nauk, akademik, otv. red.; YAROSHENKO, M.F., doktor biol. nauk, red.; AVERIN, Yu.V., doktor biol. nauk, red.; KUZNETSOVA, E., red.

[Animal and plant parasites of Moldavia] Parazity zhivotnykh i rastenii Moldavii. Kishinev, Kartia moldoveniaske, 1963. 131 p. (MIRA 17:10)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii.
2. Akademiya nauk Moldavskoy SSR (for Spasskiy). 3. Chlenkorrespondent AN Mold.SSR (for Yaroshenko).

KUZNETSOVA, ~~E~~ D., KLIMENTOV, L. N. ENGS.

Electric Welding

Welding on insulator hooks. Elek. sta. 23, no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, UNCL.

KUZNETSOVA, E.D., inzhener.

Controlling the quality of welded reinforcement joints with gamma
rays. Gidr.stroi. 25 no.2:27-29 '56. (MLBA 9:8)
(Reinforced concrete) (Welding--Testing)

AUTHOR: Kuznetsova, E.D., Engineer. 104-4-24/40
TITLE: Novelties in physical methods of inspection. (Novoe v fizicheskikh metodakh kontrolya)
PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957, Vol. 28, No. 4, pp. 77 - 78 (U.S.S.R.)

ABSTRACT: This is a brief account of an All-Union conference held in Leningrad in November, 1956 on the subject of production and research work on the methods of inspecting welded joints and constructions. Modern methods of inspection were fully discussed and particularly the need for checking the mechanical properties of welded joints by mechanical testing. The great majority of the participants recommended the abolition of the present method of inspection which involves destructive testing. Special attention was paid to gamma radiography of welded joints using radio-active isotopes such as cobalt-60, caesium 137, europium-152-154, iridium 192 and tulium 170. In selecting isotopes three factors must be taken into account: the intensity of gamma radiation, the half-life of the isotope and the material being inspected. The properties of the isotopes mentioned are tabulated together with the mean thickness of the metal for which good sensitivity can be obtained.

1/3 Another subject considered was the ultrasonic method of

Novelties in physical methods of inspection. (Cont.) 104-4-24/40
inspection, several types of instrument .. which have been developed for the inspection of austenitic welds on rotors and other parts of gas turbines, welded joints on pipework, and equipment for the detection of longitudinal cracks. The conference made recommendations about future work on defectoscopes, especially on the need for isotopes and the need to develop ultrasonic methods. The following recommendations are based on materials presented to the conference. For the non-destructive testing of welded joints and pipework without relieving stress and without special preparation, having a surface with a radius of curvature greater than 40 - 50 mm and wall thickness of more than 5 - 6 mm (steam and feed water piping) a standard ultrasonic defectoscope may be used. This method is of high productivity (3 - 5 times greater than gamma radiography) and so it can be used for 100% inspection. To record the defect, subsequent use may be made of gamma radiography. Pipes with smaller radius of curvature and thinner walls can be irradiated with isotopes. To facilitate the evaluation of welded joints it is necessary to produce standards of sensitivity and collections of standardising records including characteristic defects of pipework and also to publish guidance on the use of radio-active isotopes during the

3/3 Novelties in physical methods of inspection (Cont.)
construction of power stations. 104-1-24/40

AVAILABLE:

KUZNETSOVA, El'vira Fedorovna

[Academician Aleksei Nikolaevich Krylov; on the occasion of the 100th anniversary of his birth, 1863-1945] Akademik Aleksei Nikolaevich Krylov; k stoletiiu so dnia rozhdeniia, 1863-1945. Cheboksary, Chuvashskoe knizhnoe izd-vo, 1963. 42 p. (MIRA 17:10)

ROZHKOVA, Ye.V.; KUZNETSOVA, E.G.; VASIL'YEVA, E.G.

Effect of the bacterial process on the formation of sulfide and other minerals in sedimentary layers. Lit. 1 pol. iskop. no.4:6-17 J1-Ag '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya, Moskva.

CHERNYY, A.I.; MATSAK, N.M.; KUZNETSOVA, E.K.

Preparing a permutation index with the aid of a punched-
card computer. NTI no.4:20-29 '64. (MIRA 17:6)

KUZNETSOVA, E.K.

Organization of the translation of Soviet scientific and technological literature in the United States. NTI no.11:44-47 '63. (MIRA 17:2)

KUZNETSOVA, E.K.

National Federation of Science Abstracting and Indexing
Services in the U.S.S. NTI no.1:43-47 '63. (MIRA 16:8)

KUZNETSOVA, E.K.; KURTSIN, I.T.

Role of the vascular factor in the hormonal mechanism of pancreatic excitation. *Biul. eksp. biol. i med.* 51 no.5:14-18 My 61.

(MIRA 14:8)

1. Iz laboratorii kortiko-vistseral'noy patologii i kafedry normal'noy fiziologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova (zav. - prof. I.T.Kurtsin), Leningrad. Predstavlena akademikom V.N.Chernigovskim.

(HORMONES) (BLOOD VESSELS) (PANCREAS)

KUZNETSOVA, E.K.

External pancreatic secretions in response to humoral stimuli
in acute radiation sickness. Med. rad. 8 no.5:23-29 My '63.
(MIRA 17:5)

1. Iz kafedry normal'noy fiziologii Voenno-meditsinskoy ordena
Lenina akademii imeni Kirova.

ACC NR: AP6033177

SOURCE CODE: UR/0079/66/036/010/1767/1772

AUTHOR: Tolkachev, O. N.; Chernova, V. P.; Bao Fan-lin'; Kuznetsova, E. V.;
Proobrazhenskiy, N. A.

ORG: Moscow Institute of Chemical Technology imeni M. V. Lomonosov (Moskovskiy in-
stitut tonkoy khimicheskoy tekhnologii)

TITLE: Synthetic studies in the area of curare alkaloids. Part 16: Synthesis of
1-(3'-bromo-4'-methoxybenzyl)-6,7-dimethoxy-8-bromo-N-methyl-1,2,3,4-tetrahydroiso-
quinoline

SOURCE: Zhurnal obshchey khimii, v. 36, no. 10, 1966, 1767-1772

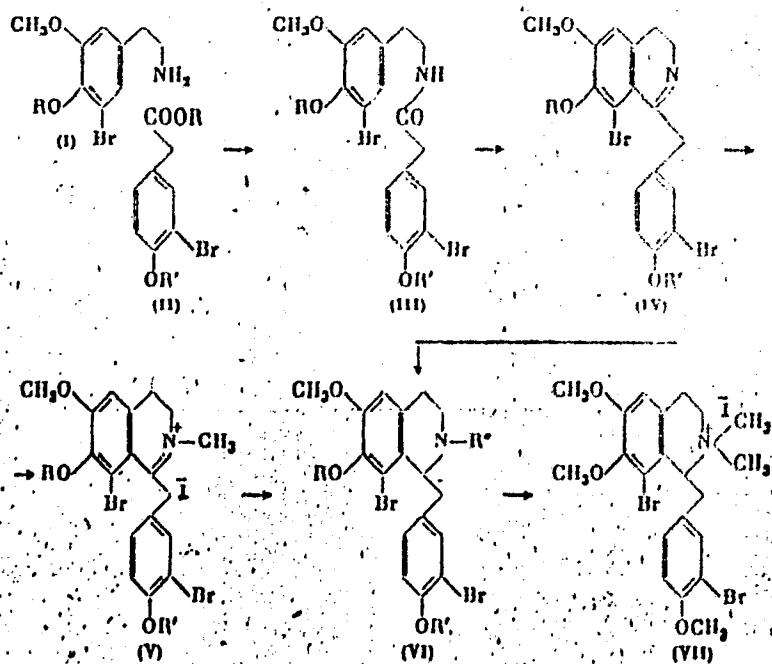
TOPIC TAGS: alkaloid, isoquinoline, *chemical synthesis*

ABSTRACT: 3',8-Dibromo-N-methylcocclaurine (VI, R = R' = H, R'' = CH₃) is an interned-
iate in the synthesis of the alkaloid tubocurarine. Dimethyl derivatives of this
compound (VI, R = R' = R'' = CH₃) were synthesized as follows:

Card 1/3

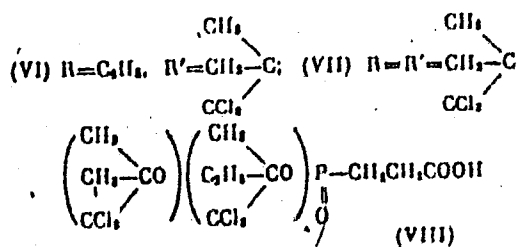
UDC: 547.944.2

ACC NR: AP6033177



Card 2/3

ACC NR: AP6032903



The compound



was isolated from the products of the reaction between tert(1,1,1-trichloro)butyl-phosphorous acid dichloride and acrylic acid. Orig. art. has: 1 figure.

SUB CODE: 07/ SUBM DATE: 15Apr66/ ORIG REF: 011/ OTH REF: 004

Card 3/3

TOLKACHEV, O.N.; CHERNOVA, V.P.; KUZNETSOVA, E.V.; BAO FAN-LIN' [Pao Fang-lin];
PREOBRAZHENSKIY, N.A.

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