

L 02133-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6035997

SOURCE CODE: UR/0251/66/042/001/0079/0084

AUTHOR: Putkaradze, N. V. and Nanobashvili, Ye. M.

32
B

ORG: Institute of Inorganic Chemistry and Electrochemistry, AN Gruz SSR, Tbilisi
(Institut neorganicheskoy khimii i elektrokhimii, AN Gruz SSR)

TITLE: synthesis and properties of some Germanium thiosalts. Preparation and study of the properties of alkaline metal thiogermanates

SOURCE: AN GRUZSSR. Soobshcheniya, v. 42, no. 1, 1966, 79-84

TOPIC TAGS: germanium compound, sulfur compound

ABSTRACT: The system $GeCl_4-Me_2S-HCl-H_2O$ where $Me = Li, Na, K, Rb,$ or Cs , was studied, and the optimal conditions for the formation of germanium disulfide were established. The system $GeS_2-Me_2S-H_2O$ where $Me = Li, Na, K, Rb,$ or Cs , was studied, and the optimal conditions for the formation of lithium, sodium, potassium, rubidium, and cesium thiogermanates were established. The phase transitions and adsorption bands were characterized, and the structure of the synthesized alkali metal thiogermanates was determined. The obtained germanium thiosalts are new and were not previously described. Being water soluble, they can be

the starting materials for the synthesis of the thiogermanates of a number of heavy metals. In addition, the alkali metal thiogermanates, possessing a number of valuable

0922 0527

NANOBAKHVILI, Ye. Z. Cand. Chem. Sci.

Dissertation: "Homogeneous Catalysis of Hydrogen Peroxide with Potassium Bichromate in Combination with the Salts of Iron, Wolfram and Molybdenum."
Moscow Order of Lenin State U imeni M. V. Lomonosov, 10 Dec 47.

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

NANOBASHVILI, Ye.Z.

Effect of molybdates on catalytic decomposition of hydrogen peroxide in the presence of bichromates. Soob. AN Gruz. SSR 21 no.1:43-50 J1 '58. (MIRA 11:10)

1. Tbilisskiy gosudarstvennyy universitet im. Stalina. Predstavleno akademikom R.I. Agladze.
(Hydrogen peroxide) (Sodium molybdates)
(Potassium dichromate) (Catalysis)

NANOBASHVILI, Ye.Z. (Tbilisi)

Effect of sodium molybdate on the catalytic decomposition of hydrogen peroxide in the presence of dichromate. Zhur. fiz. khim. 34 no.4:742-747 Ap '60. (MIRA 14:5)

1. Tbilisskiy gosudarstvennyy universitet imeni I.V.Stalina.
(Sodium molybdate) (Hydrogen peroxide)

L 4954-66 EWT(d)/EPA(s)-2/EWT(m)/EWP(w)/ENP(f)/ENP(v)/I-2/EWP(k)/EWA(c)/ETC(m)

ACC NR: AP5025702

WW/EM
HA 55

SOURCE CODE: UR/0286/65/000/018/0049/0049

AUTHORS: Nanos, A. M.; Dudchenko, S. I.; Kondrashkin, Yu. V.

30
B

ORG: none

TITLE: Synchronous jet engine. Class 21, No. 174704

23.44.55

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 49

TOPIC TAGS: jet engine, engine component

ABSTRACT: This Author Certificate presents a synchronous jet engine with a stator made in the form of a toroidal packet with teeth on its internal surface (see Fig. 1). The stator also carries a distributed winding, while the engine's toothed rotor carries no winding. To lower the engine weight and to increase its efficiency, teeth are also produced on the outer surface of the packet, while the rotor consists of two active units mounted concentrically on the opposite sides of the stator.

Card 1/2

UDC: 621.313.323

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L 4954-66

ACC NR: AP5025702

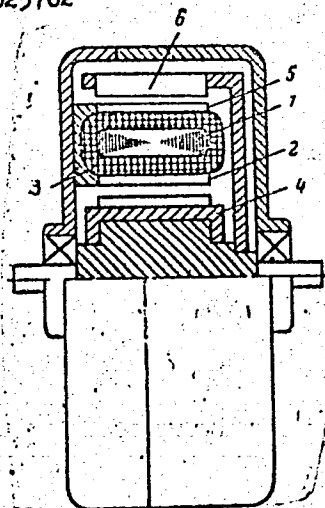


Fig. 1. 1- stator packet; 2- teeth on the internal surface; 3- annular winding; 4- internal active unit of the rotor; 5- teeth on the external surface of the stator packet; 6- external active unit of the rotor

Orig. art. has: 1 figure.

SUB CODE: PR/ SUBM DATE: 26Jul63

CC
Card 2/2

ROGOTNIKOV, L.B., inzh.; NANOS, M.I., inzh.

Twin-spindle head for the 6H82 horizontal milling machine. Mash.
Bel. no.6:168 '59. (MIRA 13:6)
(Milling machines--Attachments)

NANOS, M.I., inzh.; STEPANOV, I.A., inzh.

Eccentric chuck for clamping bushings during centrifugal lining.
Mash.Bel. no.6:201-202 '59. (MIRA 13:6)
(Chucks)

NANOV, D., inzh.; TSIBRANSKI, Khr., inzh.

A new construction of spark gaps for protection against atmospheric overvoltages in the 6-20 kv. networks. Elektroenergiia 15 no.10:14-18 0 '64.

NANOV, D., inzh.

Current technological methods in the operation of machine construction plants. Mashinostroene 11 no.11:3-6 N '62.

1. NIIM.

DENCHEV, A., inzh.; NANOV, D., inzh.

Experimental studies on the protection of transformer posts
with spark clearances from lightning. Elektroenergiia 14 no.
12: 9-16 D '63.

LAZAROVSKI, Stefan, inzh.; BAKHNEV, Bakhni; NANOV, Dimitur;
VLADKOV, Vladimir; PANAIOTOV, Panaiot

Protection of the 20 kv. system against lightning. Izv
Inst energ BAN 1:155-241 '61.

1. Chlen na Redaktsionnata kolegiia, "Izvestia na Instituta
po energetika" (for Lazarovski).

NANOV, Dimitur, inzh.

Normalization and standardization in the application of the group
method in machine construction. Ratsionalizatsiia no.10:33-37 '62.

NANOV, Dimitur, inzh.

Group production of parts in machine building. Tekhnika Bulg 11
no.5:166-169 '62.

NANOV, Dimitur, ikonomist

Wages of the workers in textiles industry depending on the
quality of production. Tekstilna prom 12 no.1:3-4 '63.

1. Komitet po truda i rabotnata zaplata.

NANOV, Dimitur

Organization of line production in the knitting industry. Trud
i tseni 5 no.1:40-49 '63.

NANOV, D., inzh., n. sutrudnik; POPOV, D., n. sutrudnik

Line production in machine construction, basic method for
the organization of production. Tekh delo no. 456: 2
22 D '62.

NANOV, Dimitur

New forms of material incentives in the Liliana Dimitrova State
Industrial Enterprise, Sofia. Tekstil prom 13 no. 3:4-6,10
'64.

1. Zam. direktor na OPP "Proletarii", Sofia.

BOGDANOV, Aeon, aspirant; NANOV, Dimitur

Some problems in the managerial and administrative organization of a united knitwear enterprise. Tekstilna prom 14 no.1:5-9 '65.

1. Section for the Organization of Industrial Enterprises at the Karl Marx Higher Institute of Economics, Sofia (for Bogdanov). 2. Assistant Director, Section for Economic Problems of the "Proletarii" United Industrial Enterprise, Sofia (for Nanov).

NANOV, Dimitur, inzh.

Experimental studies of circuits with induction coils.
Elektroenergiia 16 no.1:15-20 Ja '65.

NANOV, Georgi

Maintenance and repair of the Korona circular one-cylinder hosiery machine. Leka promishl 2 no.1:11-14 '53.

NANOV, L., arkh.

Fifteenth anniversary of the Anton Ivanov State Machine
Building Factory, Plovdiv. Tekh delo 503 1 14D '63.

NANOV, V.G., aspirant po metodika na khimii

Scope and structure of the subject of chemistry in secondary
general education schools. Biol i khim 7 no.6:36-43 '64.

NANOVIC, R.; HRISOHO, D.; NIKOLOVSKI, S.

Proteinogram in pulmonary tuberculosis. Tuberkuloza, Beogr. 11
no. 4:525-530 O-D '59.

1. Institut za tuberkulozu NRM, Skopje, direktor: prof. dr. G.
Muratovski; Interna klinika Med. fak. Skopje, upravnik: prof.
dr. D. Arsov.

(TUBERCULOSIS PULMONARY blood)
(BLOOD PROTEINS)

TEVCEV, D.; NANOVIĆ, R.

Tuberculosis and roentgenographic errors. Tuberkuloza no.2/4:
136-140 '62.

1. Radiološki institut, Skopje (upravnik: doc. dr D. Tevcev) Institut
za tuberkulozu NFM, Skopje (direktor: prof. dr G. Muratovski).
(TUBERCULOSIS PULMONARY) (THORACIC RADIOGRAPHY)

5

NANOVIC, Rista

Tuberculosis control in a commune. Tuberkuloza no.2/4:186-192 '62.

1. Institut za tuberkulozu NR Makedonije, Skopje (director: prof.
prof. dr. G. Muratovski).

(TUBERCULOSIS)

5

NANOVIC, R.

The problem of BCG vaccination in Macedonia. Tuberkuloza
15 no.3:425-430 JI-D'63.

1. Institut za tuberkuloza NRM, Skopje. Direktor: dr. G.
Miratovski.

S

NANOVIC, Risto; GURCILOV, Tome

Pulmonary tuberculosis Strumica before and after mass radiography. Tuberkuloza 16 no.5:481-487 S-D '64

1. Institut za tuberkulozu SR Makedonije, Antituberkulozni dispanzer, Strumica.

NANSI, P.

The extension of transglycosylation reactions of N-arylglycosamines; a short communication

P. 115 (ACTA CHIMICA) Vol. 12., no. 1, 1957, in German
Budapest, Hungary

SC: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 3
March 1958

NANSINE-NEMES, E.

HUNGARY/Organic Chemistry. Natural Substances and their Synthetic Analogues.

G-3

Abs Jour: Ref, Zhur.-Khimiya, No II, 1958, 36321.

Author : Bogner R., Nanasi P., Nansine-Nemes E.

Inst : Not given.

Title : N-Glucosides. V. [Overglycosylation?] of Various Mono and Di- Saccharid Containing N-Glucosyl-Arylamines, Containing Acetylated Sugar Groups.

Orig Pub: Magyar kem. folyoirat, 1956, 62, No 8, 271-275.

Abstract: 1 gr. of N⁴-n-sulphamylphenylmannosylamine and 0.5 gr. of n-toluidine are dissolved while heating (15 min) in a mixture containing 8cc CH₃OH and 4cc water, containing 3 drops of concentrated HCl. The yield of obtained N-n-tolyl-D-mannosylamine is 70% of 182° melting point (from aqueous CH₃OH), [α]_D²⁰ D-178° (with 0.9; C₅H₅N),

Card : 1/7

SA is dissolved in a mixture of 20cc ethanol and 0.3 cc

HUNGARY/Organic Chemistry. Natural Substances and Their
Synthetic Analogues.

G-3

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36321.

water, to which 1 drop of concentrated HCl was added. 1.35 gr. of α -N-n-tolyl-D-glucosylamine is added to the warm solution. After heating the above mixture on a steam bath for 4 minutes N⁴-n-sulphamylphenyl-D-glucosylamine is formed with 43.5% yield, 202° melting point, $[\alpha]_D^{25}$ -115.2° (with 1.0; C₅H₅N). The hydrolyses of the product HCl result in the formation of SA with 77% yield. 2.1 gr. of α -N-phenyl-D-glucosylamine-tetraacetate and 0.9 gr. SA are dissolved while heating (15 min.) in 15cc of absolute ethanol and in the presence of 0.05cc HCl resulting in the formation of anomers N⁴-n-sulphamylphenyl-D-glucosylamine-tetraacetate (I), which consists predominantly of an anomer with the melting point of 188-192°, $[\alpha]_D^{25}$ + 95° (with 0.9;

Card : 3/7

HUNGARY/Organic Chemistry. Natural Substances and their
Synthetic Analogues.

G-3

APPROVED FOR RELEASE: Monday, July 31, 2000

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Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36321.

C₅H₅N). If the reaction is conducted in ethanol, the mixture obtained becomes richer in an anomer with the melting point of 190°, $[\alpha]_D^{25}$ + 26.2° (with 0.7; C₅H₅N). The acetylation of products in the presence of (CH₃CO)₂O and ZnCl₂ yields hexacetate with 115° melting point, $[\alpha]_D^{25}$ + 75° (with 0.7; C₅H₅N). Igr. of dry β -N-phenyl-D-glucosylaminetetraacetate and 0.43 gr. of SA is boiled in absolute ethanol, containing HCl (15 min), thus obtaining I with 60% yield, 185° melting point (from alc.), $[\alpha]_D^{25}$ + 49.4° (with 0.6; C₅H₅N). 0.5 gr. of β -N-n-tolyl-D-glucosylaminetetraacetate (II) and 0.2 gr. of SA is dissolved while heating in 2cc of absolute ethanol, containing 4mgr. HCl. after addition of 10cc cold water, 80% yield of a product is formed that has 185-192°

Card : 4/7

20

HUNGARY/Organic Chemistry. Natural Substances and their
Synthetic Analogues.

G-3

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36321.

pure β -anomers only are formed, as the most stable ones. In the case of acetylation of the N-arylglucosylamine derivatives, mixtures of α and β -anomers is always obtained, since under the reaction conditions, pure glucosylamineacetates anomers are quickly converted (in the course of 1-2 minutes) into an equilibrium mixture containing 1-2 anomers. Overglycosylation of the tetraacetates in anhydrous media indicates that this reaction is the true reaction of overglycosylation and it does not include hydrolysis. A protonocatalytic reaction mechanism is proposed. For part IV refer to Ref. Zhur. Khimiya, 1958, 11408.

Card : 7/7

NANTKA-NAMIRSKI, PAWEL

Poland/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61547

Author: Bojarska-Dahlig, Halina; Nantka-Namirski, Pawel

Institution: None

Title: Investigation of Derivatives of 4-hydroxypyridine. I. On Direct Carboxylation of 4-hydroxypyridine

Original

Periodical: Badania nad pochodnymi 4-hydroksypirydyny. I. O bezposrednim karboksylowanju 4-hydroksypirydyny, Roczn. chem., 1955, 29, No 4, 1007-1018; Polish

Abstract: Study of carboxylation of 4-hydroxypyridine (I). Na-salt of I (from 0.1 mol I and 0.1025 mol NaOH) heated within 1 hour to 190° in CO₂ atmosphere at 50 atm pressure, held 2 hours at 190°, heating to 220° within one hour, held 3 hours at 220°, ground with 25 ml water, acidified with concentrated HCl, filtered, made alkaline with 20% NaOH, acidified with CH₃COOH, added at 80° a saturated solution of (CH₃COO)₂Cu, precipitate suspended in water and

Card 1/2

Poland/ Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61547

Abstract: decomposed while heating with H_2S . Yield of 4-hydroxy-nicotinic acid (II) 52.5%, MP 257° (from water); compound with $HgCl_2$, MP 213° (from water); picrate, MP $182-183^\circ$ (from water); methyl ester, MP $221-222^\circ$ (from alcohol); ethyl ester, MP $219-220^\circ$ (from alcohol); hydrazide does not melt at 350° ; amide, MP $276-278^\circ$ (with decomposition, from water). Under the same conditions was treated with CO_2 the K-salt of II, aqueous solution acidified with concentrated HCl , and there is obtained 4-hydroxy-pyridine-carboxylic acid-3,5 (III), yield 38.2%; dimethyl ester, MP $236.5-238^\circ$ (decomposes, from 50% CH_3OH); dihydrazide does not melt at 350° (from 80% CH_3OH); diamide, MP $320-323^\circ$ (decomposes, from 15% CH_3OH). On carboxylation under analogous conditions of K-salt of I there is obtained II with yield of 33.9% and III, yield 3.8%. To 0.01 mol II and 0.015 mol soda in 43 ml water or to 0.01 mol III and 0.025 mol soda in 36 ml water added at 100° solution of 0.04 mol J_2 and 5.08 g KJ in 10 ml water, held one hour at 100° and saturated with SO_2 ; yield of 3,5-diiodo-4-hydroxypyridine, respectively, 75% and 81%, MP $317-318^\circ$.

Card 2/2

NANKA-NAMIB SKI. P.

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CIA-RDP86-00513R001136030

Halina Bojarska-Dahlig and Pawel Mantke-Nandirski: "Studies on the Chemistry of 4-Hydroxypyridine Derivatives. Part II. On Amination of 4-Hydroxypyridine with Sodium Amide. "Roczniki Chemii, Vol 30 No 2, Warsaw, 1956. Published from the Research Laboratory of Synthesis I, Pharmaceutical Institute, Warsaw, 20 Apr 55.

POLAND/Organic Chemistry. Synthetic Organic Chemistry G

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11840

Author : Bojarska-Dahlig H., Nantka-Namirski P.

Inst : Not given

Title : Concerning the Independent Amination of Nicotinic and Isonicotinic Acids and Their Amides.

Orig Pub: Roczn. chem., 1956, 30, No. 2, 621-622

Abstract: On heating (4 hours, 200°) 0.05 mol of nicotinic (I) or isonicotinic (II) acids or their amides (Ia and IIa, respectively) with 0.2 mol of NaNH_2 , 2,6-diaminopyridine (III) is formed, separated from the reactive mass by the addition of 50 ml of water, extracted by ether and precipitated by NH_4OH (d, 1.4) in the form of $\text{III}\cdot\text{NH}_4\text{OH}$ (IIIa); melting point, 223° (decomp.;

Card 1/2

6

BOJARSKA-DAHLIG, Halina; NANTKA-NAMIRSKI, Pawel

Studies on the chemistry of radiopaque compounds. II. On 2,4,6-tri-
iodo-3-(aminopyridylazo)-benzoic acids. Roczniki chemii 34 no.1:189-195
'60. (EEAI 10:9)

1. Department of Synthesis, Institute of Pharmacy, Warsaw.

(Radiation) (Iodine) (Benzoic acid) (Amino group)
(Pyridyl group) (Azo compounds)

S/081/63/000/002/063/088
B162/B102

AUTHORS: Wojciechowski, Jan, Nantka-Namirski, Pawel, Wolf, Jerzy, Bełzecki, Czesław

TITLE: Obtaining N-arylsulfonyl-N'-alkyl urea

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 409, abstract 2N67 (Pol. patent 44830, June 20, 1961)

TEXT: Supplement to the Pol. patent 44577 (RZhKhim, 1962, 22L125): Combinations of the total formula $RC_6H_4SO_2NHCNHR'$ (where R = alkyl, chloralkyl, haloid, nitro-, nitroso- or amino- group; R' = alkyl, aryl, cycloalkyl or heterocyclic radical) are obtained by condensation of corresponding arylsulfochlorides with the secondary heterocyclic amines, e.g. with imidazole (I), in the presence of an anhydrous organic solvent. To 1 mole of sulfochloride, 2 moles of amine is taken. Hydrochloride of amine is filtered off, a stoichiometric quantity of N-alkylurea is added, the solution is heated to boiling point, the solvent is distilled off. The residue is washed with water in order to remove amine, and recrystallized. For instance, 0.1 mole of $n-CH_3C_6H_4SO_2Cl$ is heated for 15 min with 0.2 mole of I

Card 1/2

Obtaining N-arylsulfonyl-N'-alkyl urea

S/081/63/000/002/063/088
B162/B102

in 50 ml of tetrahydrofuran. The mixture is cooled, hydrochloride I is filtered off, and 11.6 g of butyl urea is added to the filtrate. The mixture is boiled for 3 hours, the solvent is distilled off, the residue is ground down and washed with water. The product is recrystallized with 75% alcohol. 23 g (85%) of N-n-toluenesulfonyl-N'-butyl urea is obtained, melting point 128 - 129.5°C. [Abstracter's note: Complete translation.]

Card 2/2

NANTKA-NAMIRSKI, Pawel

Graebe-Ullmann method in the synthesis of carbolines. II. Synthesis of 2,4-dimethyl- β -carboline derivatives. Acta pol. pharm. 18 no.6:449-460 '61.

1. Z Instytutu Farmaceutycznego w Warszawie.
(INDOLES chem) (PYRIDINES chem)

NANTKA-NAMIRSKI, Pawel

Synthesis of carbolines by the Graebe-Ullmann method. I.
Acta pol. pharm. 28 no.5:391-399 '61.

1. Z Instytutu Farmaceutycznego w Warszawie Dyrektor d/s naukowych
dr P.Nantka-Namirski.

(HETEROCYCLIC COMPOUNDS chem)

NANTKA-NAMIRSKI, Pawel, dr

The Pharmaceutical Institute and its activities. Farmacja
Pol 18 no.17/18:417-419 S '62.

1. Dyrektor do spraw naukowo-badawczych Instytutu Farmaceutycznego,
Warszawa.

*

NANTKA-NAMIRSKI, Pawel; doc. dr.; KURZEPA, Stanislaw; DUSZKA, Jozef;
KAZIMIERCZYK, Jadwiga; KIERYLOWICZ, Hanna.

Studies of the effect of the monoamine oxidase (MAO) inhibiting
action of some gamma-carboline derivatives. Acta physiol. Pol.
16 no.1:131-139 Ja-F'65.

1. Zaklad Farmakologii Instytutu Farmaceutycznego w Warszawie
(Dyrektor: doc. dr. P. Nantka-Namirski).

NANU, A.

Critical considerations on the insulation of the stators in the first domestic turbogenerators.

p. 116
Vol. 4, no. 3, Mar. 1956
ELECTROTEHNICA
Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

NANU, A.

TECHNOLOGY

Criteria for selecting components of an electricity-resistant alloy for use in heating. p. 107

Academia Republicii Populare Romine. Baza de Cercetari Stiintifice, Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE TEHNICE. Timisoara. (Journal on technical sciences issued by the Scientific Research Base in Timisoara, Rumanian Academy.)

Vol. 4, no. 1/2, 1957

Monthly List of East European Acessions (EEAI), LC, Vol. 8, No. 3
March 1959, Unclass.

NANU, A.

Compounding of stator insulation of turbogenerators manufactured at the Rosita Metallurgic Combine. p. 64.

ELECTROTEHNICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministe ul Energiei Electrice si Industriei Electrotehnice)
Bucuresti, Rumania Vol. 7, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

SAVII, Gh.; NANU, A.; GHEORGHIU, St.; POPOVICI, I.

Studies regarding the influence of the structure of R 18 quick splintering steel tools on anode and mechanical sharpening with the 4352 machine. Studii tehn Timisoara 9 no.3/4:309-323 J1-D '62.

NANU, A.; NICHICI, A.; POPOVICI, V.

The M.A.M.B.1 anodic and mechanical machine cutting with band.
Studii tehn Timisoara 10 no.2:377-389 JI-D '63.

Experimental and theoretical studies on the anodic and mechanical
electroerosive flow productivity of the M.A.M.B.1 machine. 391-400

NANU, A.; SAVII, Gh.; GHEORGHIU, St.; POPOVICI, I.

Determining the optimum method of anodic and mechanical electroerosive sharpening of the R 18 rapid steel splintering devices, thermally treated on the 4352-type machine. Studii tehn Timisoara 10 no.2: 401-419 J1-D '63.

NANU, A.; POPOVICI, V.; NICHICI, Al.; ACHIMESCU, N.

Determining the conditions of automatic control of the advance
in electroerosive discharge. Bul St si Tehn Tim 9 no.2:419-
430 J1-D '64.

4
NANU, D.

NAVILANCU, H.

RUSSIA

Lecturer

Bucharest, Tricupa, Revista de Medicina si Sanatate Publica si Hygiene
Secretariatul de Medicina Sanitara din Republica Romania,
No 4, July-August 68, pp 525-526.

"Investigation on Irritative Gases and Gases in a Chemical Plant."
(Paper compiled in the Department of Labor Hygiene of the Medical-
Pharmaceutical Institute in Bucharest.)

Co-authors:

NANU, D., MD.

NESTORANCU, B., MD.

WADD J.

5

*Chem
Mater*

Modified alkyd resins with high phthalic ester content.
L. Namu and R. Burgermeister. Acad. rep. populare Romina
Amizara, Studii cercetari stiint. 1, No. 1/4, 67-78(1954)
(French summary).--A so-called "fatty acid number"
(g. fatty acids contained in 100 g. resin) is proposed for
process control in the synthesis of glycerophthalic resins
wigh high phthalic ester content. Gary Gerard

2

M. ANTOUZ
2 copies

PM

RUMANIA/Chemical Technology. Chemical Products and Their
Application, Part 3. - Industrial Organic Synthesis. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71648.

Author : I. Namy, S. Ferenczy.
Inst : Academy of Sciences of Rumania, Timișoara Branch.
Title : Study of Preparation of Industrial n,n'-Dioxydiphenyl-
dimethylmethane (Diane).

Orig Pub: Studii si cercetari stiint. Acad. RFR, Baza Timișoara,
Ser. stiinte chim., 1956, 3, No 3-4, 31-43.

Abstract: The preparation of n,n'-dioxydiphenyldimethylmethane
(2,2-diphenylolpropane) (I) by condensing phenol
(II) with acetone (III) in the presence of H_2SO_4 (IV)
was studied under laboratory conditions. The condensa-
tion with HCl under conditions described in the litera-
ture produces a little yield of I as compared with the

Card : 1/3

Card : 2/3

NANU, I.

Distr: 4E3d/4E2c(j)
 Preparation of the synthetic resins, soluble in oil, from
 alkyl-phenols! I. Nanu and I. Manovicu. Acad. rep.
 populare Romine, Baza cercetari stiinf. Timisoara Studii
 cercetari stiinf. 5, 145-00(1958). The alkylation of phenol
 for the prepn. of the synthetic resins is usually ob-
 tained with secondary or tertiary aliphatic alcs. The
 exptl. work showed that BuOH can be used for the prep.
 of butylphenol which was used to prepare the sol. synthetic
 resin. After investigating several known methods of
 alkylation, it was found that the use of ZnCl₂ is more eco-
 nomical in a method which can maintain a very dry catalyst.
 In this case a large amt. of catalyst can be used from the
 beginning and it can be reused. The process of alkylation
 takes place in a short time and with good yield. The
 fractional distn. of the unreacted alkylate gives a large
 fraction of monobutylphenol isomers which are used in the
 synthesis of oil-soluble resins; after evapn. of a small amt. of
 ether. Peter P. Croitoru

4
 2
 29 (FB)

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15811

S/081/62/000/011/051/057
E202/E192

AUTHOR: Nanu, I.

TITLE: Modified alkyd resins with high phthallic ester content. II. New oleoglyceru-phthallic polyesters

PERIODICAL: Referativnyy zhurnal, Khimiya, no.11, 1962, 619, abstract 11 P 258. (Bul. stiint. si tehn. Inst. politehn. Timisoara, v.4, 1959, Jan.-Dec., 229-236). (Rumanian, abstracts in Russian and French).

TEXT: New formulation of alkyd resins with high phthallic ester content has proved in laboratory and industrial conditions more efficient than those used earlier. Altogether twenty new resins were synthesized. The starting materials were phthallic anhydride, glycerine, tobacco, corn, sunflower seed and linseed oils. The colour of the resins depends on the nature of the oil. The darkest colour, with a characteristic brown-red hue, is present in resins containing linseed oil; the dark colour is retained in varnishes and films. Lighter, but also with a reddish hue, are the resins containing tobacco oil. Thermal stability of the films is good; when kept for 1.5 hours at 130 °C the films

Card 1/2

Modified alkyd resins with high ...

S/081/62/000/011/051/057
E202/E192

retain the same colour as those dried in sunlight. When kept at 180 °C for 30 minutes a slight yellowishness was noticeable. The resins containing corn oil stay sufficiently dark and differ by having a yellowish hue. Their solutions are considerably lighter than those containing linseed oil. The stability of colour during heating is lower than in the case of resins with tobacco oil; at 180 °C a beautiful intensely gold colour appears. The resins made from sunflower seed oil have a bright colour with somewhat yellow hue. The varnishes prepared from them have the colour of the sunflower seed oil. Films dried in the sun or in an oven are very stable. All resins obtained (greasiness of 25, 30 and even 35%) are mixed with the solvent after the preliminary heating to a temperature of 100 °C. Aromatic hydrocarbons of high boiling point (xylol, naphtha solvent) serve as solvents. Toluene can also be used as a solvent. Small quantities (up to 10%) of butane alcohol lower considerably the viscosity of the solutions. During long storage, some of the solutions developed a gel-forming tendency. Concentration of the resins increases with decrease of greasiness.

Card 2/2 [Abstractor's note: Complete translation.]

NANU, I., prof., conf.; MANOVICIU, I.

On some phenolic resins soluble in vegetable oils. II. The isoamyl-phenol-formaldehydic resins. Studii mat Timisoara 7 no.1/2:169-177 Ja-Je '60. (EEAI 10:4)

1. Comitetul de redactie, Studii si cercetari, Stiinte chimice, Baza de cercetari stiintifice Timisoara (for Nanu).
(Gums and resins, Synthetic) (Phenols) (Vegetable oils)
(Isopentyl alcohol) (Formaldehyde)

NANU, I., prof.; MANOVICIU, I.

The alkyl phenols for the synthetic resins soluble in oil. III.
Alkylation of phenol with technical cyclohexylic alcohol. Studii
chim Timisoara 8 no.1/2:109-112 Ja-Je '61.

1. Institutul Politehnic Timisoara, Laboratorul de produse macromo-
leculari. 2. Comitetul de redactie, Studii si cercetari, stiinte chimice
[Academia Republicii Populare Romine, Baza de Cercetari Stiintifice
Timisoara] (for Nanu).

(Phenols) (Hexyl group) (Alkylation)

NANU, I.; BOBOESCU, Virginia

Esters of bibasic acids with ether-phenolic groups. Bul
St si Tehn Tim 8 no.1:51-61 Ja-Je '63.

MILCU, Ioana; NANU, Lydia; SITARU, Silvia; TEODORU, V.

Comparative study of the hypoglycemic hormone content of the
pineal body in Bovidae. Stud. cercet. endocr. 13 no.3:365-372
'62.

(PINEAL BODY hormones) (CATTLE physiology)
(GLUCOSE TOLERANCE TEST pharmacology)

NANU, Lydia; MARCEAN, Rodica; SITARU, Silvia

The action of pineal extract on blood sugar in hypophysectomized rats. Stud. cercet. endocr. 15 no.2:107-109 '64.

VAISLER, L.; NANU, Lydia; COSTINER, Emma; SITARU, Silvia

Changes of hepatic glycogen in animals with experimental liver cirrhosis treated with different protein extracts. Stud. cercet. endocr. 13 no.3:387-389 '62.

(LIVER CIRRHOSIS experimental) (LIVER chemistry)
(GLYCOGEN chemistry) (PINEAL BODY extracts)
(PROTEINS pharmacology)

VAISLER, L.; NANU, Lydia; COSTINER, Emma; SITARU, Silvia

Investigations of the changes in hepatic glycogen in animals treated
with different protein extracts. Stud. cercet. endocr. 13 no.4:523-527
'62.

(LIVER GLYCOGEN)

(PROTEINS)

(TISSUE EXTRACTS)

MILCU, Ioana; NANU, Lydia; MARCEAN, Rodica; SITARU, Silvia

The action of pineal extract and epiphysectomy on hepatic and muscular glycogen after prolonged infusion of glucose. Stud. cercet. endocr. 14 no.4/5/6:651-655 '63.

MILCU, Ioana; NANU, Lydia; MARCEAN, Rodica

Glucide tolerance in rabbits in experimental epiphyseal syndromes. Stud. cercet. endocr. 15 no.4:307-312 '64.

MILCU, Ioana; NANU, Lydia; MARCEAN, Rodica; SITARU, Silvia

Research on the diabetogenic effects of epiphysectomy in the lamb.
Stud. cercet. endocr. 15 no.6:507-513 '64.

SERBAN, Al. M.D.; NANU, Lydia; MARCEAN, Rodica; SITARU, Silvia

Influence of castration and estrogens on the action of hypoglycemic sulfonamides. Stud. cercet. endocr. 15 no.6:519-524
'64.

MILCU, Ioana; NANU, Lydia; MARCEAN, Rodica; IONESCU, Violeta

The effect of epiphysectomy on the metabolism of carbohydrates.
Studies with rats. Stud. cercet. endocr. 16 no.1:17-23 '65.

NANU, N.

NANU, N. Parachutist, sounding, chronometer. p. 28.

Vol. 2, No. 10, October 1956

ARIPILE PATRIEI

TECHNOLOGY

Bucuresti

So: East European Accession, Vol. 6, No. 3, March 1957

ROMANIA

HANUL, Stefan, MD.

Bucharest, Sanatatea, No 12, Dec 63, p 16

"Importance of the Early Clearing up of Nuclei of Infection."

MANUSOVA, J.

CZECHOSLOVAKIA/analytical Chemistry. Analysis of Inorganic Chemistry.

E

Abs Jour: Ref Zhur-Khina., No 9, 1959, 31040.

Author : Manušová, J., Čuta, J.

List :

Title : Determination of Extractable Sulfur in Water and in Sediments.

Orig Pub: Ceskosl. hyg., 1958, 3, No 5, 281-285.

Abstract: This article describes a method based on transferring S into SO_4^{2-} and on the subsequent photometric evaluation of the solution of rhodanide complex $Fe(3+)$. To 50-250 ml of the water undergoing analysis the following are added: 2 ml of saturated solution of $HgCl_2$ (to cancel the effect of S^{2-}) and a definite volume of petroleum ether. The whole is

Card : 1/3

CZECHOSLOVAKIA: Analytical Chemistry. Analysis of Inorganic
Substances.

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Abs Jour: Ref Zhur-Khin., No 9, 1959, 31040.

shaken twice, 1 minute each time and then set out to stand for 10 minutes. To 5 ml of organic layer one adds 15 ml of the solution of NaCl in water-acetone mixture (0.1 g of NaCl in 100 ml) and in 2 minutes it is diluted with the same mixture to 25 ml. 12.5 ml of the solution of FeCl₃ (0.4 g of FeCl₃ · 6H₂O are dissolved in 100 ml of the water-acetone mixture) are added to 12.5 ml of the resulting solution which is then evaluated photometrically at 540 m in a 2.2 cm vessel using the solution of the control experiment for comparison. The calibration graph constructed for ≤ 50 mg/l of S (or ≤ 125 g) has a curvilinear character. In analyzing the sediment the sample (2-5 g) is suspended in 50 ml of water, then 0.5 g of HgCl₂.

Card : 2/3

104

CZECHOSLOVAKIA/Analytical Chemistry. Analysis of Inorganic
Substances. 14

Abs Jour: R.f Zhur-Khim., No 9, 1959, 31040.

are added. The whole is shaken, in 5 minutes
20-50 ml of petroleum ether are introduced and the
analysis is continued as described above. In the
determination of 12.5-52.5 γ S the error does not
exceed $\pm 2.5 \gamma$ S. The method is suitable for the
control and for the study of the S exchange in waters
and in sediments. --- T. Levi.

Card : 3/3

NEUBAUER, R.; KARLIN, M.; KORSIKA, L.; FILIPIC, L.; KOMAR, M.; NANUT, M.

Certain considerations on the recurrence of pulmonary tuberculosis.
Tuberkuloza, Beogr. 11 no.3:318-327 '59.

1. Ftizioloska klinika, Ljubljana; Bolnica za tuberkulozu, Sezana.
(TUBERCULOSIS PULMONARY therapy)

MANESCU, L., prof. emerit (R. Vilcea); BEJAN, Mircea (Galati); MUNTEANU, Dumitru (Bistrita); SACTER, O.; SIMION, A. (Iasi); LEVIN, Alexandru, (Tallin, U.S.S.R.); HADIRCA, L., prof. (Breaza); LIVIU, Petre (Pucioasa); GRECU, Eftimie (Bucuresti); BENA, Dorin (Caransebes); SIMOVICI, Dan (Iasi); ILIE, Nicolae (Gaiesti); BOICESCU, Vlad (Craiova); VOICULESCU, Dan (Bucuresti); POPESCU, Adrian (Sibiu); PESTROIU, Daniel (Tirgu Jiu); NANUTI, Ion (Timisoara); MUSTA, St. (Oradea); POPESCU, Adriana (Sibiu); IONESCU-TIU, G.; LAZAR, Maria (P. Neamt); FOCSENFANU, M.I.; ACU, D. (Cluj); ZAMFIRESCU, Tudor; MOCANU, H. Ovidiu (Iasi); GEORGESCU, G. (Craiova); BERDAN, C. (Bacau); IACOMI, Ioana (P. Neamt)

Proposed problems. Gaz mat B 15 no.3:122-127 Mr '64.

NANYI, Ye. P.
NANYI, Ye. P.

Electrical pasteurization of vinegar. Kons. 1 ov. prom. 12
no.11:26-28 N '57. (MIRA 11:1)

1. Khar'kovskiy institut mekhanizatsii sel'skogo khozyaystva.
(Vinegar) (Sterilization) (Nematoda)

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5/24/60/000/01/017/019

E073/E135

AUTHORS: Nanziashvili, B.S., Assistant; Plyushch, B.M.,
Candidate of Technical Sciences, Docent; Sarkisyan, V.O.,
Candidate of Technical Sciences, Docent; and
Kulikov, B.A., Lecturer

TITLE: Sensor with Photoelectric Equipment for Isodrome
Regulation

PERSONAL: Izvestiya vysshikh uchebnykh zavedeniy,
Elektromekhanika, 1960, Nr 1, pp 139-142 (USSR)

ABSTRACT: Introduction of an isodrome into a system of astatic
regulation gives the system stability and reduces the
duration of the transient processes. (Note: an
isodrome regulator is defined elsewhere as a variant of
an indirect ⁴automatic control with a feedback which
maintains a given regime with a very low degree of
residual nonuniformity or entirely without such a
nonuniformity.) At the Chair for Electric Drives,
Azerbaydzhan Institute of Oil and Chemistry imeni
Azizbekov (Kafedra elektroprivoda, Azerbaydzhanskiy
institut nefti i khimii imeni Azizbekova) a photoelectric

69197

S/144/60/000/01/017/019
E073/E135

Sensor with Photoelectric Equipment for Isodrome Regulation

integrator was developed which permits obtaining in a simple manner isodrome regulation and to vary as desired the intensity of the regulating effect in proportion to an unbalance signal. In this arrangement there is no flexible feedback and the system remains a single circuit one. The photoelectric integrator has a directional effect (see Fig 1a); it integrates the unbalance signal, which is fed in in the form of a light flux, much more accurately and over a longer period than RC circuits; it does not require amplification of the output voltage, and permits obtaining isodrome regulation in a very simple manner. The principle of this photoelectric integrator was utilised for building a photoelectric pressure sensor consisting of a hydrostatic pressure gauge, which is illuminated by an incandescent lamp (Fig 2); the amount of light hitting each of two photocells depends on the mercury level in the branches of the U-shaped glass tube. This photoelectric pressure sensor unifies the differential metering devices and a proportional transducer, which, in the case of low input signals, has a limited output signal which is then

Card
2/3

69197

8/144/60/000/01/017/019
E073/E135

Sensor with Photoelectric Equipment for Isodrome Regulation

accurately summed. Fig 1b shows the circuit of a transducer of a.c. current into light signals of variable brightness; although the dependence of the light flux on the magnitude of the input voltage is not linear this transducer can be used in servosystems which contain external feedback. The here described integrator can be used in automatic control systems as well as in simulation systems with comparatively long time constants. There are 2 figures, 1 table and 2 Soviet references.

ASSOCIATION: Kafedra elektroprivoda, elektricheskikh mashin i elektrooborudovaniya promyshlennykh predpriyatiy, Azerbaydzhanskiy industrial'nyy institut (Chair for Electric Drives, Electrical Machinery and Electrical Equipment of Industrial Undertakings, Azerbaydhan Industrial Institute)

Get
3/5

SUBMITTED: May 9, 1959

KRISANOV, A.F., kand. tekhn. nauk, GVOZDETSKIY, V.D., inzh.; NARADIN, I.T., inzh.; RUDINETS, G.N., inzh.

Automatic synchronization systems for cooler sections of a pipe-rolling mill. Mekh. i avt. prikl. 18 no.3:28-29 Ag '64.
(MIRA 17:10)

SELYANIN, V.G., kand. tekhn. nauk; PCHELKIN, G.D., inzh.; NAPADAYLO, V.A.,
inzh.

Efficient conditions for using sliding ramps. Gor. zhur. no.4:21-
22 Ap '65. (MIRA 18:5)

1. Dnepropetrovskiy gornyy institut.

ADAMOVICH, L.P.; NAPADAYLO, I.N.

Determination of the instability constant of a beryllium complex
with ethylenediaminetetraacetic acid. Zhur.anal.khim. 16 no.2:158-
161 M^r-Ap '61. (MIRA 14:5)

I. A. M. Gorky Khar'kov State University.
(Beryllium compounds)
(Acetic acid)

LITVINENKO, L.M.; ALEKSANDROVA, D.M.; NAPADAYLO, V.G.

General method for the quantitative determination of anhydrides and chloranhydrides of carboxylic acids. Zhur.anal.khim. 16 no.2:226-228 Mr-Apr '61. (MIRA 14:5)

1. Gorky Khar'kov State University.
(Acids, Organic) (Anhydrides)

TSIRKIN, I.I., inzh.; NAPADENSKIY, B.S., inzh.

Automation of calcining furnaces. Mekh.i avtom.proizv. 17 no.7:
6-8 JI '63. (MIRA 16:8)
(Furnaces) (Automatic control)

NAPADOV, M.A.

Method of eliminating defects in fixing removable prostheses made of AKR-7 plastic. Stomatologiya no.5:46-48 S-O '54. (MIRA 7:11)

1. Kafedry ortopedicheskoy stomatologii (zav. dotsent D.S.Ayzenberg) Khar'kovskogo meditsinskogo stomatologicheskogo instituta (dir. dotsent G.S.Voronyanskiy, nauchnyy rukovoditel' dotsent A.E.Rofe)
(DENTAL PROSTHESIS,
elimination of fixation defects in removable plastic prostheses)

NAPADOV, M. A.

Napadov, M. A.

"The repair of removable plastic prosthetics using 'AKR-100' plastic."
Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya le topis'
No. 21, 1956. Moscow.

ROFE, A.E., dotsent; NAPADOV, M.A., kand.med.nauk

"Al'glast-1" elastic alginate impress material. Vrach.delo no.8:
867-869 Ag '59. (MIRA 12:12)

1. Khar'kovskiy zavod zubovrachebnykh materialov.
(ALGAM) (DENTAL PROSTHESIS)

NAPADOV, M.A., kand.med.-nauk; CHERNYI, L.Ya., klinicheskiy ordinator

Therapeutic splints of quick-setting plastic for the fixation of loose teeth in paradentosis. Stomatologiya 41 no.5:79-80 S-0 '62. (MIRA 16:4)

1. Iz kafedry stomatologii (zav. - dotsent S.Z.Gutkin) Ukrainskogo instituta usovershenstvovaniya vrachey (nauchnyy rukovoditel' raboty A.E.Rofe).

(DENTISTRY, OPERATIVE)

(PLASTICS IN MEDICINE)

(GUMS—DISEASES)

ACC NR: AP7004761 (A) SOURCE CODE: UR/0413/67/000/001/0059/0059

INVENTOR: Napadov, M. A.; Sapozhnikov, A. L.

ORG: None

TITLE: A method for making replaceable artificial teeth. Class 30, No. 189983

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 59

TOPIC TAGS: prosthetic device, dental equipment, plastic

ABSTRACT: This Author's Certificate introduces: 1. A method for making replaceable artificial teeth by taking impressions, preparing plastic bases with wax bite cylinders and then determining the height of the bite and the central occlusion. The functional properties and stabilization of the dentures are improved and the process of becoming accustomed to them is accelerated by replacing the wax cylinders on the bases with cylinders made from plastic, e. g. the "Orthokor" type. Functional formation of the occlusion plane and the external surface of the dentures is done directly in the oral cavity. Teeth conforming to the dimensions of the resultant cylinders are then set in the bases. 2. A modification of this method in which the plastic mass is held on the bases during functional formation of the occlusion plane and external surface of the dentures by fastening rods to the bases with sliding connection to a plate which is set after contact is made between the teeth.

SUB CODE: 06/ SUBM DATE: 04Jun65

Card 1/1

UDC: 616.314-089.29-633

1. НАПАКН, Л. А.
2. USSR (600)
4. Corrosión and Anticorrosives
7. New type of anti-erosion coating for rollers of paper-making machines, Eum. prom. 28 No. 4, 1953.

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

NAPALKOV, A.A.

Occurrence of tuberculosis in children and adolescents in Riga District, Moscow, 1950-57. Probl.tub. 37 no.3:3-9 '59.

(MIRA 12:6)

1. Iz protivotuberkuleznogo dispansera No.11 Rizhskogo rayona Moskvy (glavnyy vrach G.V.Kotsubey, zam. po meditsinskoy chasti M.M.Zakin).

(TUBERCULOSIS, statist.

in Russia, in child. & adolescents (Rus))

ZAKIN, Miron Mikhaylovich, kand.med.nauk, vrach-ftiziatr; NAPALKOV, Aleksandr Aleksandrovich, ftiziatr-pediatr; NIMEN, Lipa Borisovich, kand.med.nauk, shkol'no-sanitarnyy vrach; FRIDMAN, R.A., red.; ZUYEVA, N.K., tekhn.red.

[Antituberculosis work among children and adolescents in the Riga District of Moscow] Opyt protivotuberkuleznoi raboty sredi detei i podrostkov v Rizhskom raione Moskvy. Moskva, Gos.izd-vo med. lit-ry, 1960. 120 p.

(MIRA 13:11)

(MOSCOW--TUBERCULOSIS--PREVENTION)

NAPALKOV, A.A. (Moskva)

Role of the medical nurse in antituberculosis work among children
and adolescents. Med. sestra 19 no.9:34-39 S '60. (MIRA 13:9)
(TUBERCULOSIS--PREVENTION) (NURSES AND NURSING)

NAPALKOV, A. V.

NAPALKOV, A. V. - "Study of the Mechanisms of Development of Experimental Neurosis and, in Connection With It, the Increase of the Level of Blood Pressure." Sub 21 Nov 52, Moscow Order of the Lenin State U imeni M. V. Lomonosov. (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Vehcernaya Moskva January-December 1952

1. KOSHTOYANTS, Kh. S.; DULENKO, V..P.; MAFAL KOV, A. V.
2. USSR (600)
4. Conditioned Response
7. Demonstration of the basic laws of higher nervous activity, Est. v shkole, No. 6, 1952.

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

NAPALKOV, A.V.

Experimental investigation of the causes of prolonged high blood pressure in dogs; materials on the problem of hypertonia. Vest. Mosk.un.8 no.12:45-58 D '53. (MLRA 7:2)

1. Kafedra fiziologii zhivotnykh. (Hypertension)

NAPALKOV, A.V., kandidat biologicheskikh nauk.

Great Russian physiologist. Est. v shkole no.5:28-32 S-0 '54.
(MLRA 7:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Sechenov, Ivan Mikhailovich, 1829-1905)

MAPALKOV, A.V.

Role of negative induction in the prevention of diseases; data
on the treatment of hypertonia. Vest.Mosk. un.10 no.12:19-27
D '55. (MLRA 9:5)

1. Kafedra fiziologii zhivotnykh.
(Hypertension) (Cerebral cortex)