"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

SOV/64-59-4-2/27

5(3)

AUTHORS: Kruzhalov, B. D., Khcheyan, Kh. Ye., Pavlichev, A. P.

TITLE: Isomerization of Isophthalic Acid Into Terephthalic Acid (Izomerizatsiya izoftalevoy kisloty v tereftalevuyu)

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 4, pp 1o - 12 (USSR)

ABSTRACT: The production of one of the most important synthetic fibers - "Lavsan" takes place out of terephthalic acid (I). The latter can be obtained by isomerization (is) of the ortho- or isophthalic acid (II). In this connection already some investigations were carried through (Refs 1-8). In the present case an exact investigation of the (is)-process of (II) into (I) (over the dipotassium salts) was carried out whereby the optimum conditions were determined. The dipotassium isophthalate (III) being used as initial material was obtained by dissolving (II) in a KOH- or K_2CO_3- solution (until the neutral reaction). The first (is)-series (Table 1, test results) was carried through in a 500 ml autoclave (without stirrer). The separation of (I) and (II) took place on the basis of their different solubility in methanol. At the given test conditions of the (is) a temperature of 460° and a duration of reaction of 1.5 hours proved to be the optimum conditions. In this case the yield of

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Isomerization of Isophthalic Acid Into Terephthalic Acid SOV/64-59-4-2/27

(I) was 73-74% of the theoretical value. The second (is)-series was carried through in a thin-walled steel ampoule to exclude the duration of heating of the autoclave. Since the test results obtained on the influence of temperature on the yield of the second test series (Fig 3) correspond to those of the first it is found that the duration of heating to the reaction temperature has no influence. Additions of Fe-, Pb- and Zn-phthalate as catalysts showed no considerable improvement of the process. The (is)-experiments which took place in thin layers in a special apparatus (Fig 5) showed that a heating of (III) by freely fixed heating bodies effects a quicker (is). There are 5 figures, 1 table, and 8 references, 1 of which is Soviet.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHCHEYAN, Kh. Ye.; PAVLICHEV, A.F.; KOSTYUK, A.G.

Production of phthalic acids from the mixture of xylenes. Khim.prom. no.5:327-335 My '61. (MIRA 14:6)
(Phthalic acid) (Xylene)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

MANDEL'BAUM, Ya.A.; KHCHEYAN, Kh.Ye.

Diethylamide of the metatoluic acid (DETA preparation), and effective repellent. Khim. prom. no.10:22-26 O '61. (MIRA 15:2)
(Insecticides)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

S/064/62/000/006/002/003
B144/B138

AUTHORS: Khcheyan, Kh. Ye., Pavlichev, A. F., Arbitman, S. M., Kuricheva, L. N.

TITLE: Production of phthalic anhydride by liquid-phase oxidation of o-xylene

PERIODICAL: Khimicheskaya promyshlennost', no. 6, 1962, 6 - 10

TEXT: On the basis of their previous studies (Author's certificate 136538, Sb. izobr. i rats. predl., no. 7, 80 (1961)) the authors developed a three-stage process for producing phthalic anhydride (PA) from o-xylene: (1) liquid phase oxidation (LPO) of o-xylene to o-toluic acid by atmospheric O_2; (2) esterification of o-toluic acid with methanol; (3) LPO of the methyl ester of o-toluic acid to PA and methanol. After a survey of papers in this field, the method is described in detail. (1) LPO of o-xylene (d_4^{20} = 0.8700 - 0.8802; n_D^{20} = 1.5052, b.p. = 142 - 145°C) was carried out: (a) catalytically at atmospheric pressure and 128 - 130°C with preliminary addition of 5 - 6 drops of isopropyl benzene hydroperoxide;

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or (b) at elevated pressure without catalyst at 130 and 150°C. The oxidate contained toluic aldehyde and o-toluic acid which were determined with oxime and from the acid value (potentiometric titration), respectively. The yield in o-toluic acid increased with rising pressure and temperature and averaged 90 - 97 %. (2) Oxidation of o-toluic acid necessitates the esterification of the carboxyl group. This was done with ГОСТ 2222-54 (GOST 2222-54) methanol. The reaction rate increased from 45 to 97 % when the temperature was raised from 245 to 300°C. An acid:methanol molar ratio of 1:5 is recommended for industrial conditions. The rate constants at different temperatures were (min^{-1}): k_{245} = 0.0619; k_{270} = 0.1716 k_{300} = 0.2615. The activation energy was 11930 cal/mole. (3) The ester is catalytically oxidized to PA at atmospheric pressure and 125 - 200°C. At 180°C, the LPO of the methyl ester obtained (n_D^{20} = 1.5200) takes place practically without induction period if 4 - 5 drops of isopropyl benzene hydroperoxide are added. With a 42 % yield, the reaction time at 180°C decreased from 8 hrs at atmospheric pressure to 2 hrs at elevated pressure. PA was separated by cooling the oxidate down to room temperature or by distillation in vacuo; it was obtained with a yield of 90 - 95 % and

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Production of phthalic ... S/064/62/000/006/002/003
B144/B138

answered the ГОСТ 7119-54 (GOST 7119-54) requirements. There are 6 figures.

ASSOCIATION: NIISS

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHCHEYAN, Kh.Ye.; PAVLICHEV, A.F.; ARBITMAN, S.M.; KURICHEVA, L.N.

Production of phthalic anhydride by the liquid phase oxidation of o-xylene. Khim.prom. no.6:392-396 Je '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut sinteticheskogo spirta.
(Phthalic anhydride) (Xylene)

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32398

5.3400 2209

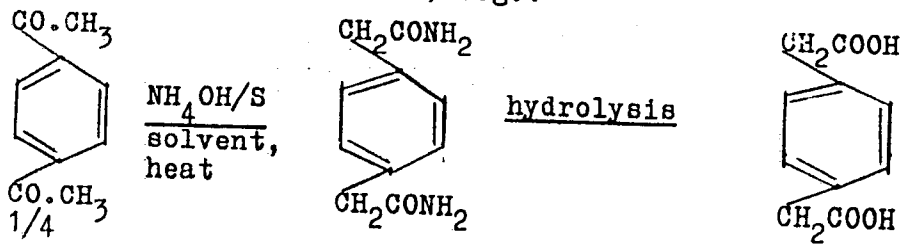
S/080/62/035/001/011/013
D204/D304

AUTHORS: Khcheyan, Kh. Ye., Ioffe, A. E. and Pavlichev, A. F.

TITLE: Synthesis of phenylene diacetic acids and their amides

PERIODICAL: Zhurnal prikladnoy khimii, v.35, no.1, 1962, 206-209

TEXT: This investigation was carried out in view of the wide applicability of phenylene diacetic acids and because the methods of synthesis hitherto reported were thought to comprise practical difficulties. The preparation of p- and m-phenylene diacetic acids and their diamides was studied, from the corresponding diacetyl benzenes, by Vil'gerodt's reaction, e.g.:



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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

32398
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D204/D304

Synthesis of phenylene ...

The reactions were conducted in an autoclave, using either sulphur and 26% NH_4OH or NH_4^+ polysulphide, in pyridine, over 4.45 hours at 155 - 165°C, under a pressure of 15 - 20 atm. With ammonium polysulphide the yields reached 95%, but were decreased by shortening the reaction time and by changing the temperature or the ratio of the reactants. It was shown that the sulphur could be regenerated and re-used. A direct preparation by acid or alkaline hydrolysis of the reaction mass, without separating the amide, and using S/NH_4OH, was also achieved, with 85-90% yields. The latter were reduced to 70 - 75% when methanol was used in place of pyridine and to 40 - 50% when the reactions took place at 210 - 220°C in the absence of a solvent. Phenylene diacetic acids were also prepared by the Vil'gerodt-Kindler reaction, using morpholine and S, obtaining 80 - 85% and 70 - 75% yields of the p- and m-isomers respectively. The preparations were conducted at the b.p. of morpholine. The following conditions were carried out: (a) Reaction times (1 - 4 hrs), (b) diacetyl benzene : morpholine : sulphur ratio (1 : 4 : 4), (c) duration of the alkaline hydrolysis (9 - 16 hours) and (d) con-

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S/080/62/035/001/011/013
D204/D304

Synthesis of phenylene ...

centration of the hydrolyzing alkaline solution (10 - 20%). It was found that the reduction of the reaction time to 1 hour, reactant-ratio to 1 : 2 : 2 and alkali concentration to 10% lowered the yields to 25 - 50%. The starting materials (diacetyl benzenes) were obtained by the aerial, liquid-phase oxidation of a mixture of ethyl benzenes at 130 - 140°C, using Co oleate and iso-propyl benzene hydrogen peroxide as the catalysts. All experimental details are given in full. The process is considered to be simple and economical and capable of utilization on an industrial scale. There are 1 figure and 25 references: 5 Soviet-bloc and 20 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: Sh. Murahashi and R. Anzai, Ch. A., 44, 11106, (1950); O. B. Edgar and R. Hill, J. Pol. Sci., 8, 1, (1952); P. V. Smith and F. Knoth, U.S. Pat. 2,570,038, (1951); K. Schofield and R. S. Theobald, J. Chem. Soc., 2404, (1949).

ASSOCIATION: Nauchno-issledovatel'skiy institut sinteticheskikh spirtov (Scientific research Institute of Synthetic Alcohols)

Card 3/4

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

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S/080/62/035/001/011/013
D204/D304

Synthesis of phenylene ...

SUBMITTED: February 24, 1961

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6

KAMNEVA, A.F., MUZYCHENKO, L.A., KHCHEYAN, KH.YE., PAVLICHEV, A.F., ARBITMAN, S.M., KRUPTSOV, B.K.

Experimental data about the production of phthalic anhydride by oxidation of o-xylol

Report to be submitted for the 12thConference on high molecular weight compounds devoted to monomers, Baku, 3-7 April 62

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

REVENKO, O.M.; KHCHEYAN, Kh. Ye.

Synthesis of α,α'-dimethyl-α,α'-diaminoxylenes. Zhur. org. khim. 1 no. 12:2146-2148 D '65 (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i organicheskikh produktov. Submitted October 10, 1964.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

BELITSER, V.A.; KIDOROVA, Ye.L.

Nature of conversion of fibrinogen into fibrin. Biokhimiia, Moskva 17 no.6:676-683 Nov-Dec 1952. (CIML 25:1)

1. Institute of Biochemistry of the Academy of Sciences Ukrainian SSR, Kiev.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KABL, Ludek, inz.

National Conference on Control Systems. Prum potravin 15 no.3: 133-135 Mr '64.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ANDRIYASHEVA, N.M.; BAKKAL, T.P.; BEKKER, S.M.; BOGDANOV-BEREZOVSKIY, V.V.; BRAUN, A.D.; VASILEVSKAYA, N.L.; GANUSENKO, M.N.; GARMASHEVA, N.L.; DEMICHEV, I.P.; DRIZGALOVICH, S.Ye.; KALININA, N.A.; KORSAKOVA, G.F.; KRYZHANOVSKAYA, Ye.F.; MIROVICH, N.I.; PROROKOVA, V.K.; PUGOVISHNIKOVA, M.A.; RESHETOVA, L.A.; SVETLOV, P.G.; UTEGENOVA, K.D.; KHECHINASHVILI, G.G.; SHVANG, L.I.; GARMASHEVA, N.L., professor, redaktor; RUDEKOV, A.V., redaktor; RULEVA, M.S., tekhnicheskiy redaktor.

[Reflex actions in mother-fetus interrelations] Reflektornye reakteii vo vzaimootnosheniiakh materinskogo organizma i ploda. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 266 p.(MLRA 7:10)
(Pregnancy) (Embryology)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, G. G.

"Clinical and Physiological Data on the Receptor Activity of the Uterus in Pregnant and Parturient Women." Cand Med Sci, Inst ofPhysiology imeni I. P. Pavlov, Acad Sci USSR, Leningrad, 1955. (KL, No 10, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI G. G

USSR / Human and Animal Morphology (Normal and Pathological). Digestive System. S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40723

Author : Khechinashvili
Inst : Tbilisi Medical Institute
Title : On the Problem of Variation of the Mesentery of the Sigmoid in the Newborn

Orig Pub : Tr. Kafedry operativn. khirurgii i topogr. anatomii. Tbilisk. med. in-t, 1956, 1, 75-77

Abstract : It was demonstrated on cadavers of 101 neonates that the width of the mesentery of the sigmoid (MS) fluctuated between 1 and 3.1 cm, while in 26.7% of cases the width of MS was less than 1.7 cm, in 50.5% - from 1.7 - 2.9 cm, in 22.8% - more than 2.9 cm. An angular (81.2%), arched (15.8%) and broken (3%) line of insertion of the root of MS was demonstrated, the length of which consisted of

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USSR / Human and Animal Morphology (Normal and Pathological). Digestive System. S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40723

2.4 - 6.0 cm. The ratio of the width of MS to the length of the line of insertion of its root varied from 25 - 120.9%. It was established that with a lesser relative length of the root of MS, the MS was longer.

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

USSR / Human and Animal Morphology (Normal and Pathological). S
Circulatory System. Blood Vessels.

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40853

Author : Khochinashvili
Inst : Tbilisi Medical Institute, Chair of Operative Surgery and Topographic Anatomy
Title : On the Problem of Variations of the Lower Mesenteric Artery in Neonates

Orig Pub : Tr. kafedry operativn. khirurgii i topogr. anatomii. Tbilissk. med. in-t, 1956, 1, 111-113

Abstract : It was demonstrated on 101 cadavers of neonates that the lower mesenteric artery (LMA) originates from the anterior surface of the aorta somewhat above its bifurcation in the segment situated between the lower border of the second and the lower border of the third lumbar vertebra. The LMA gives off 2 - 6 primary branches.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, G.G.; CHAYKOVSKAYA, A.L.

Vascular reactions in women during the climacteric period with dysfunctional uterine bleeding. Sbor.nauch.trud.Kaf.akush.i gin. 1 LMI no.2:303-312'61. (MIRA 16:7)
(CLIMACTERIC) (HEMORRHAGE, UTERINE)
(NERVOUS SYSTEM, VASOMOTOR)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ZVEREV, P.M.; KHECHINASHVILI, G.G.; CHAYKOVSKAYA, A.L.

New method of pneumoelectric digital plethysmography with a calibration of impulses. Sbor.nauch.trud.Kaf.akush. i gin. 1 LMI no.2:347-353'61. (MIRA 16:7)
(PLETHYSMOGRAPHY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, G.G., kand. med. nauk

Characteristics of vascular reactions in women at the end of pregnancy (in the preparatory phase to delivery) and in primary uterine inertia. Akush. i gin. 40 no.4:114-120 Jl-Ag '64. (MIRA 18:4)

1. Kafedra akusherstva i ginekologii (zav. - prof. I.I.Yakovlev) I Leningradskogo meditsinskogo instituta imeni akademika I.P. Pavlova.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ERISTAVI, M. S.; KHECHINASHVILI, I. D.

Georgia (Transcaucasia) - Belemnites

Stratigraphic distribution of the Lower Cretaceous belemnites of Georgia. Soob. AN Gruz. SSR 12, No. 8, 1951.

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

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, M. S.

"Variability of the Sigmoid Intestine of the New Born, Is Mesentery and Arteries." Cand Med Sci, Tbilisi State Medical Inst, Tbilisi, 1954. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertation Defended at USSR Higher Educational Institutions. (14)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KIRCHIKASHVILI, N.

Cultivation of Soils (See Tillage)

New Growth. Klub No 4 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

USSR/Medicine - Acoustics Jan/Feb 49
Medicine - Alternating Current, Apparatus

"Research on Acoustics by Means of Alternating Current at Audio Frequencies," N. L. Khechinashvili, Cand Med Sci, LOR Clinic, Tbilisi Med Inst, 4 pp

"Vest Oto-Rino-Larin. ol" No 1

Studies were made to differentiate the actions of sound-conducting and sound-receiving apparatus of the ear by means of electric shocks. Action of sound-conducting apparatus is mostly quantitative and, to a certain degree, aids in determining the condition of the whole hearing apparatus.

[redacted] 47/49T46

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, N. N.

KHECHINASHVILI, N. N.: "Material on the study of placental blood circulation". Kutaisi, 1955. Acad Med Sci USSR. (Dissertation for the Degree of Candidate of Science of Medical Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

GOTSIRIDZE, A.M., prof., red.; BETANELI, A.M., doktor med. nauk, red.; KHECHINASHVILI, N.N., kand. med. nauk, dots., red.; NADIRASHVILI, S.A., kand. med. nauk, dots., red.; NIKOLASHVILI, D.A., kand. biol. nauk, dots., red.; AKHVLEDIANI, O.M., kand.biol. nauk, dots., red.(Batumi); PICHKHADZE, R.I., st. prepodavatel', red.; CHOMAKHIDZE, D.D., red.; KIPIANI, E.Ya., red.

[Theses and abstracts of the reports presented at the Third Expanded Scientific Conference on Problems of Physiology Dedicated to the 110th Anniversary of N.E.Vvedenskii's Birth] Tezisy i referaty dokladov.Rasshirennoi nauchnoi konferentsii po problemam fiziologii, posviashchennaia 110-letiiu so dnia rozhdeniia N.E.Vvedenskogo. Kutaisi, Gos.kom-t vysshego i srednego spetsial'nogo obrazovaniia Soveta Ministrov Gruz.SSR, 1962. 166 p. (MIRA 17:3)

1. Rasshirennaya nauchnaya konferentsiya po problemam fiziologii, posvyashchennaya 110-letiyu so dnya rozhdeniya N.Ye.Vvedenskogo, 3d, Kutaisi-Batumi, 1962. (MIRA 17:3)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, Sh. L.

Supply and utilization of gas in Tiflis. Gaz. prom. no.10:27-28 O '58.
(Tiflis--Gas distribution) (MIRA 11:11)

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KHECHINASHVILI, E. P.

21
2

7H. Analysis of tea-seed oil. V. P. Gogueder, E. P. Khechinashvili, and M. I. Tarusin (*J. anal. Chem., USSR*, 1950, 5, 308—314).—Fatty acids that usually remain with the unsaponifiable matter of tea-seed oil can be removed by washing the ethereal extract with 5% $BaCl_2$ solution. Separations of acids from the saponified oil can be carried out by crystallisation from chlorinated solvents. Data on the characteristics of various fractions are given.

G. S. SMITH.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N.

Inst of Physiol imeni I. S. Beritashvili, Acad Sci Georg. SSR

"The Effect of the Irritation of a Maze on the Reflex Activity of a Frog"

SOURCE: Soobshcheniya Akademii Nauk, Gruzinskoy SSR, Vol X, No 8, 1949

Summary 117

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI S. N.
~~KHETCHINASHVILLI~~, S. N.
3409

Med. Inst., Tbilis. Vestibularnyi apparati kova bolsich poluiaru golovnogo morga The vestibular apparatus and the cortex cerebri Vestn. Oto-Rino-Laring. 1951, 5 (10-13)
Due to the fact that it is possible to bring about vestibular reactions even after removing the cortex cerebri the general opinion used to be that vestibular centres did not exist in the cortex and that vestibular reactions originated in subcortical centres. Some facts tend to refute this opinion. Popov brought about a conditioned salivary reflex after vestibular stimulation by using Pavlov's method. Following vestibular irritation tonic reflexes of the muscles of the eyes and neck occurred before bioelectrical currents in the cortex of the brain. He concludes that these reflexes originate in the subcortical centre. On the other hand the latent period of nystagmus and autonomic reflexes is longer than that of the bioelectrical currents, which suggests the active part played by the cortex. The vestibular apparatus takes part even in the processes of higher nervous activity. Defects in it are followed by changes in the balance and space orientation, especially in animals moving about in 3 dimensions. The fact that compensation after removal of one vestibular apparatus does not occur after removal of the cortex also suggests the active part of the cortex. Non-conditioned reflexes are better exhibited in phylogenetically lower animals. The more developed an animal, the less important is the influence of the vestibular apparatus on the skeletal muscles, but the more important it is for higher nervous activity.

Hlavacek - Prague (XI, 8)

So: Excerpta Medica, Section VIII, Vol. 5, No.9, September 1952

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N.

KHECHINASHVILI, S. N. -- "Electrophysiological Investigation of the Vestibular Analyzer in the Theory and Practice of Otorhinolaryngology." Sub 6 Jun 52, Acad Med Sci USSR. (Dissertation for the Degree of Doctorate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ROYTBAK, A.I.; KHECHINASHVILI, S.N.

Discussion on E. D. Adrian's article "Electrical activity of the olfactory bulb in mammals." Fiziol. zh. SSSR 38 no.3:350-355 May-June 1952.
(CIML 23:2)

1. Physiological Institute of the Academy of Sciences Georgian SSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHACHINASHVILI, S. N.
(with A. I. Roytbak)

Inst Physiol im I.S. Beritashvili, Acad Sci Georgian SSR

"The Problem of Electrical Activity of the Olefactory Bulbs"

SOURCE: Soobshcheniya Akademii Nauk, Gruzinskoy SSR, Vol XIII, No 6, 1952

Summary 117

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N., Beritashvili, I. S.

Institute of Physiology imeni I. S. Beritashvili, Academy of Sciences Georgian SSR

"The Problem of the Importance of the Vestibular Analyzer for Spatial Orientation"

SOURCE: Soobshcheniya Akademii Nauk, Gruzinskoy SSR, Vol XIII, No 7, 1952

Summary 117

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N.

Methodology for the study of vestibular conditioned reflexes. Soob.AN Gruz.SSR 13 no.8:485-489 '52. (MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR. Institut fiziologii, Tbilisi (for Khechinashvili), Bertiashvili, I.S., akademik.
2. Akademiya Nauk Gruzinskoy SSR (for Beritashvili).

(Conditioned response)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ROYTBAK, A.I.; KHECHINASHVILI, S.N.; BERITASHVILI, I.S., akademik.

Slow oscillations in the electro-encephalogram of a rabbit, coinciding with the rhythm of breathing. Soob.AN Gruz.SSR 13 no.9:549-553 '52. (MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR. Institut fiziologii, Tbilisi (for Roytbak, Khechinashvili). 2. Akademiya Nauk Gruzinskoy SSR (for Beritashvili). (Electroencephalography)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N.

Results of experimental investigations on vestibular function. Trudy Inst.fiziol. AN Gruz.SSR 9:25-41 '53. (MLRA 8:9)
(VESTIBULAR APPARATUS, function tests, in animals)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N., prof.

Continuous function test of the palatine tonsils in experimental conditions. Vest. oto-rin. 16 no.5:32-37 S-O '54. (MLRA 7:12)

1. Iz kliniki bolezney ukha, gorla i nosa Tbilisskogo instituta usovershenstvovaniya vrachey.
(TONSILS, function tests,
continuous technic in dogs)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N.

New method for studying the function of the palatine tonsil. Soob. AN Gruz. SSR 16 no.5:369-374 '55. (MLRA 9:2)

1.Akademiya nauk Gruzinskoy SSR, Institut fiziologii, Tbilisi
Predstavleno akademikom I.S.Beritashvili.
(Tonsils)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

USSR / Human and Animal Physiology. The Nervous System. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41725.

Author : Khechinashvili, S. N.
Inst : Not Given.
Title : On the Role of the Cerebellum in Vestibular Reactions.

Orig Pub: V sb.: Probl. sovrem. fiziol. nervn. i myshechn. sistem. (Problems of Contemporary Physiology of the Neuromuscular System), Tbilisi, AN GruzSSR, 1956, 261-270.

Abstract: Ablation of the flocculo-nodular part of the cerebellum in 2 cats and 2 dogs caused a temporary disappearance of conditioned alimentary reflexes

Card 1/2

USSR / Human and Animal Physiology. The Nervous System. T

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41725.

Abstract: during rocking of the chamber, decreased the decisiveness of respiratory changes and eliminated the intensification of salivation, defecation and vomiting. It is postulated that the disappearance of the efferent impulses from the cerebellum causes a decrease in the excitability of the intermediate vestibular neurons. -- T. G. Beteleva.

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N.; TOIDZE, Sh.S.; TKEMALADZE, Sh.G.

Technic of stuture of pharyngeal defect in total laryngectomy. Vest. oto-rin. 18 no.3:49-51 My-Je '56. (MLRA 9:8)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. S.N. Khechinashvili) i kafedry topograficheskoyanatomii i operativnoy khirurgii (zav. - prof. Sh.S.Toidze) Tbilisskogo gosudarstvennogo insituta usovershenstvovaniya vrachey.
(LARYNX, surgery,
excis., total, pharyngeal suture (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ACTA MEDICA Sec.11 Vol.10/9 Oto-Rhino-Laryngo Sept57
KHECHINASHVILIS, N.

1785. KHECHINASHVILIS, N. and FINCHENKO P. E. Tbilisi. *On the estimation of the mobility of staple in oval window (Russian text) VESTN. OTO-RINO-LARING. 1957, 1 (18-22)

The aim of the investigation was to find out the mechanism of involved changes of bone conductivity of sounds observed during the Gellé and Cytovich tests. It was established that any increase in air pressure in the external auditory canal lessens the perception of low frequency sounds and accelerates that of high frequency sounds. Local pressure by the sound on the short processus of the small hammer (Cytovich's test) lowers the perception of low frequency but not of the high frequency sounds. The conclusion is drawn that the weakening of bone conductivity observed in the Gellé and Cytovich tests is caused by a decrease in craniotympanic conduction and that there is no change in the intralabyrinthal pressure during the Cytovich test.

Clinic of ~~Eye~~, Ear, Nose & Throat diseases - Tbilisi Inst Advanced Training of Physicians.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N.

Vestibular Function "Questions in Physiology and the Methodology of Research." Publishing House of the Academy of Sciences, Georgian SSR, Tbilisi, 1958.

Academy of Sciences Georgian SSR, Institute of Physiology.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N., prof. (Tbilisi)

Modern concepts of the physiology of lymphadenoid tissue of the pharynx [with summary in English]. Vest.oto.-rin. 20 no.3:3-11 My-Je '58 (MIRA 11:6)

(PHARYNX, physiol.
lymphadenoid tissue (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

BERITASHVILI, I.S., akademik; KHECHINASHVILI, S.N., prof., red.;
NINUA, K.V., red.izd-va;

[Neural mechanisms of spatial orientation in higher vertebrates]
O nervnykh mekhanizmakh prostranstvennoi orientatsii vysshikh
posvonochnykh zhivotnykh. Tbilisi, Izd-vo Akad.nauk Gruzinskoi
SSR, 1959. 346 p.

(MIRA 13:7)

(Space perception)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N., prof. (Tbilisi)

Modern methods for clinical vestibulometry in the light of experimental data. Vest. otorin. 22 no.1:3-17 Ja-F '60. (MIRA 14:5)

(VESTIBULAR APPARATUS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N., prof.

Impressions of the 21st International Congress on the Physiological Sciences. Vest. otorin. 22 no.1:121-124 Ja-F '60. (MIRA 14:5)
(PHYSIOLOGY--CONGRESSES)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N.

"Experience in mobilization of the stapes."

report submitted for the Seventh Intl. Congress of Otorhinolaryngology, Paris, 23-29 July 1961

Tbilisi, USSR

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S. N., prof. (Tbilisi)

Impressions of a visit to otorhinolaryngological clinics in England and German Federal Republic. Vest. otorin. no.5:120-124 '61. (MIRA 14:12)

(GERMANY, WEST--OTOLARYNGOLOGY)
(GREAT BRITAIN--OTOLARYNGOLOGY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, Simon Nikolayevich; KHUNDADZE, G.R., red.; SARKISYAN, L.N., red.izd-va

[Problems in the theory and practice of surgery to restore the hearing] Voprosy teorii i praktiki slukhovosstanovitel'noi khirurgii. Tbilisi, Izd-vo AN Gruz.SSR, 1963. 190 p. (MIRA 17:4)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, S.N.

Two-stage surgery on the stapes in Maniere's disease. Soob. AN Gruz. SSR 40 no.1:219-223 O '65. (MIRA 18:12)

1. Tbilisskiy gosudarstvennyy institut usovershenstvovaniya vrachey. Submitted May 25, 1965.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHINASHVILI, Ye.P.; ARESHIDZE, Kh.I.

Monocyclic aromatic hydrocarbons of Gatskhenisi crudes. Soob. AN Gruz. SSR 34 no.1:73-78 Ap'64 (MIRA 17:7)

1. Institut khimii imeni P.G. Melikishvili AN Gruzinskoy SSR.
2. Chlen-korrespondent AN Gruzinskoy SSR (for Khechinashvili).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ARESHIDZE, Kh.I.; KHECHINASHVILI, Ye.P.

Quantitative determination of five- and six-membered cyclanes in Satskhenizi petroleum. Soob. AN Gruz. SSR 28 no.4:401-408 Ap '62. (MIRA 18:1)

1. AN Gruzinskoy SSR, Institut khimii im. P.G.Melikishvili, Tbilisi.
2. Chlen-korrespondent AN Gruzinskoy SSR (for Areshidze).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

AUERMAN, L.Ya.; OSTROVSKIY, Ya.G.; GINZBURG, A.S.; ZHURAVLEV, N.N.; KHECHUASHVILI, A.Z.; KVETNYY, F.M.

Zwieback from rye bread baked by electric contact heating. Trudy MTIPP 4:82-85 '56. (MLRA 9:10)

(Bread)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

VESHNEVSKIY, S.N.; VORONETSKIY, B.B.; GUS'KOV, P.S.; KLIMOV, D.Yu.; MASLENNIKOV, L.V.; PASHKOV, M.V.; PETROV, I.I.; SOKOLOV, I.I.; STEPANOV, Yu.V.; TUROVSKAYA, P.G.; KHECHUMAN, A.P.; TSEIN, V.S.; SHTEYN, I.M.

Professor Konstantin Vasil'evich Urnov, 1907-1964; obituary. Elektrichestvo no.3:91 Mr '65. (MIRA 18:6)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHUMOV, R.A.

[Variational method for calculating the constituent rods of variable cross sections] Variatsionnyi metod rascheta sostavnykh sterzhnei peremennogo secheniia. Moskva, Mosk. inzhenerno-stroitel'nyi in-t im. V.V.Kuibysheva, 1962. 26 p. (MIRA 17:6)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

UMNOV, K.V., dotsent, kandidat tekhnicheskikh nauk; KHECHUMYAN, A.P., inzhener.

Series Leonard machine. Vest.elektroprom. 18 no.4:19 '47. (MLRA 6:12)

1. TsNILEP, Tsentroelektromontazh.

(Electric machinery)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHUMYAN, A. P., ENG.

Electric Apparatus and Appliances

Using apparatus and Equipment of industrial frequency in installations with up to 400 Hertz frequency. Prom. energ. 9 no. 8, 1952.

Tests by Central Planning-Exptl Bureau,"Tsentroelektromontazh" Trust, on operation of 50-cps equipment (ENM ammeter, kilovoltmeter with instrument transformers; TPOFD single-turn by-pass current transformer; NOMI-6 single-phase voltage transformer; type VI tubular resistor; YaS-102/2 resistance box; ET-525/10, ET-523/2, EN-526/200 relays; PKT-10 high-voltage fuses; RLV-3 terminal disconnecting switch) at regulated frequencies between 20 and 400 cps show positive results.

252T39

Monthly List of Russian Accessions, Library of Congress November 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

ROYZEN, Semen Semenovich; SHTEYN, Isaak Maksimovich; KIBLITSKIY, Vladimir Abramovich; KHECHUMYAN, A.P., red.; LARIONOV, G.Ye., tekhn. red.

[Automatic control and precise angular velocity measurement of the electric drives of continuous rolling mills] Avtomaticheskoe regulirovanie i tochnoe izmerenie skorosti elektrodvigatelei nepreryvnykh prokatnykh stanov. Moskva, Gosenergoizdat, 1962. 103 p. (Biblioteka po avtomatike, no.69) (MIRA 16:8)

(Rolling mills—Electric driving)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

L 10998-66

ACC NR: AP6001979 SOURCE CODE: UR/0105/65/000/003/0091/0091

AUTHOR: Veshenevskiy, S. N.; Voronetskiy, B. B.; Gus'kov, P. S.; Klimov, D. Yu.; Maalennikov, L. V.; Pashkov, M. V.; Petrov, I. I.; Sokolov, I. I.; Stepanov, Yu. V.; Turovskaya, P. G.; Khechumyan, A. P.; Tsein, V. S.; Shteyn, I. M.

ORG: none

TITLE: Professor K. V. Urnov

SOURCE: Elektrichestvo, no. 3, 1965, 91

TOPIC TAGS: scientific personnel, academic personnel

ABSTRACT: Konstantin Vasilevich Urnov died on 11 December 1964 after a serious illness. He was a distinguished scientist and one of the oldest electro-polygraphists. He was born in 1907 and graduated from the Ivanovskiy Polytechnic Institute in 1929, after which he continued to work on the Board of Electric Installations for the next 25 years. His outstanding contribution was to relate successfully the activities of industry with those of the higher educational institutions. His name is closely linked to the development of domestic polygraphic machinery. He was imaginative, creative and bold. Since 1935 he was also engaged in teaching and scientific research work at the Moscow Power Institute and the Moscow Polygraphic Institute where he set up a course on "Electric Drives and Automation of Polygraphic Machines". He is the author of over 30 inventions and published works, including one book. He was a scientist-communist, a man of great knowledge, a good colleague and friend. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05 / SUBM DATE: none

Card 1/1

UDC: 621.313.1/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHECHUMYAN, K.

Intradepartmental inspection. Prom.Arm. 4 no.11:22-24 N '61. (MIRA 15:1)

1. Zaveduyushchiy otdelom Komissii gosudarstvennogo kontrolya Armyanskoy SSR.

(Armenia—Industrial organization)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESYAN, A.N.; AKOPYAN, N.Ye.; GERASIMYAN, D.A.; KHECHUMYAN, L.Kh.

Derivatives of p-alkoxybenzoic acids. Report No.21: Some cyclohexylalkylaminoalkyl esters of p-butoxybenzoic acids. Izv. AN Arm. SSR. Khim nauki 16 no.2:163-174 '63 (MIRA 17:8)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; KAZARYAN, L.Z.; GEVORKYAN, S.Kh.; AKOPYAN, N.Ye.; KHECHUMYAN, L.Kh.

Synthesis of benzodioxan derivatives. Part 1: Some amino esters of 1,4-benzodioxan-2-carboxylic acid. Izv. AN Arm. SSR. Khim. nauki 18 no.3:297-303 '65. (MIRA 18:11)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR. Submitted May 14, 1964.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHEDEYEV V.A.

ZHDANOV, A.K.; KHEDEYEV, V.A.; MOISEYEVA, G.P.

Amperometric titration of cobalt with potassium ferricyandide in apparatus equipped with rotating platinum microelectrode. Zav. lab. 24 no.2:137-140 '58. (MIRA 11:3)

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I. Lenina.
(Conductometric analysis) (Cobalt--Analysis)
(Potassium ferricyanide)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KREDVELL, Deh.A.

Factors influencing the surface activity of solids. Kin.i kat. 3 no.1:3-12 '62. (MIRA 15:3)

1. Geteborgskiy universitet, Shvetsiya.
(Surface chemistry) (Solids)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

L 6388-66

ACC NR. AP5026742 SOURCE CODE: [illegible]

INVENTOR: Yeyl'bkhauyer, Diter; Khefling, Vil'gel'm; Rekling, Gerkhard

ORG: none

TITLE: A method for producing 3-pyridine aldehyde. Class 12, No. 174187

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 16

TOPIC TAGS: pyridine, aldehyde, nitrile

ABSTRACT: This Author's Certificate introduces a method for producing 3-pyridine aldehyde by catalytic hydrogenation of nicotine nitrile on Raney nickel. Side reactions are eliminated by conducting the process in an aqueous solution in the presence of an excess of carbon dioxide.

UDC: 547.821.2.07

SUB CODE: GC/ SUBM DATE: 23Jan64/ ORIG REF: 000/ OTH REF: 000

Card 1/1

0902 0143

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

YANOVSKIY, A.G., inzh.; VOLPYAN, G.A., inzh.; YEVINA, Ye.I., inzh.; SEGEDINOV, A.A., inzh.; SKRITSKAYA, I.M., inzh.; KHEGA, A.I., inzh. KHLYSTOV, I.I., inzh.

Municipal engineering facilities. Gor. khoz. Mosk. 35 no. 3:31-41 Mr '61. (MIRA 14:5)

(Moscow—Municipal services)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721930007-2

KHEGAY, T.A.; SAMUSHENOK, V.I.; KLEYMENOV, V.V.

Use of defibrinated pregnant mare's blood in sheep raising. Veterinariia 41 no.8:82-83 Ag '64. (MIRA 18:4)

1. Glavnyy veterinarnyy vrach Atbasarskogo proizvodstvennogo upravleniya, TSelinogradskoy oblasti (for Khegay). 2. Zaveduyushchiy veterinarnoy laboratoriyey Atbasarskogo proizvodstvennogo upravleniya, TSelinogradskoy oblasti (for Samushenok). 3. Zaveduyushchiy biologicheskim punktom Atbasarskogo proizvodstvennogo upravleniya, TSelinogradskoy oblasti (for Kleymenov).

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L 45638-66

ACC NR: AT6033877 SOURCE CODE: HU/2502/65/046/004/0311/0324

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B+1

AUTHOR: Hegedus, Andras J.--Khegedyush, A. Y. (Doctor; Budapest)

ORG: Department for Basic-Material Testing, HIKI, Budapest-Ujpest

TITLE: Thermogravimetric study of the pyrolysis of manganese(II) nitrate

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 46, no. 4, 1965, 311-324

TOPIC TAGS: manganese compound, pyrolysis, thermal decomposition, activation energy

ABSTRACT: The thermal decomposition of manganese(II) nitrate was investigated under various conditions. The nitrate decomposed yielding mainly manganese(VI) oxide in the 70° to 200°C temperature range; the manganese(VI) oxide decomposed yielding mainly manganese dioxide in the 480° to 560°C temperature range. The activation energies for the various processes involved in the pyrolysis were calculated. The thermograms obtained were presented and discussed. The author thanks his co-workers Mr. W. Stefaniay and Mrs. K. Horkay for the x-ray spectroanalytic investigations, as well as Director F. Komuves for permitting publication. Orig. art. has: 5 figures, 8 formulas and 4 tables. [Orig. art. in German] [JPRS: 34,165]

SUB CODE: 07 / SUBM DATE: 20Jun65 / ORIG REF: 003 / OTH REF: 014

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L 1188-66 EPF(c)/EWP(t)/EWP(b) IJP(c) JD/JG/WB
ACCESSION NR: AT5025192 HU/2502/64/042/004/0305/0316

AUTHOR: Hegedus, Andras J. (Khegedyush, A. Ya.)(Doctor)(Budapest); Kurthy, Judith (Kyurti Ya.)(Budapest)

TITLE: Processes at the tungsten/gas phase boundary at elevated temperatures. Relation between these processes and the corrosion of the tungsten

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 4, 1964, 305-316

TOPIC TAGS: tungsten, electrode, oxidation

Abstract: [German article] Reactions taking place at the tungsten-gas phase boundary on tungsten electrodes at elevated temperatures were investigated. The tungsten oxide layer, formed in air, begins to be eliminated by oxidation at temperatures of > 800°C. The strength of the emission currents, evident at temperatures of > 1000°C depends on the thickness of any oxide layer present. The relations between conductivity and oxide layer were investigated and the results were compared with values reported in the literature. "The authors thank Mr. E. Oldal and Mr. J. Tobik for their stimulating discussions, Student of Chemistry G. Holloo for the enthusiastic cooperation with the measurements, Director F. Komuves for the approval of the publication, and

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ACCESSION NR: AT5025192

the Tungsram AG for the financial support of the work." Orig. art. has 5 graphs and 1 table.

ASSOCIATION: Forschungsinstitut fur die Nachrichtentechnische Industrie, HIKI, Abteilung fur Grundstoffprufung, Budapest (Research Institute for the Communications Electrical Industry, HIKI, Department of Raw Materials Test...)

SUBMITTED: 14Feb64 ENCL: 00 SUB CODE: IC, GC

NO REF SOV: 000 OTHER: 031 JPRS

Card 2/2

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KHEIFETS, L.B.; SAIMIN, L.V.; LEYTMAN, M.Z.; KUZ'MINOVA, M.L.; VASIL'YEVA, A.V.; SLAVINA, A.M.; LEVINA, L.A.; Prinimali uchastiye: PAVLOVA, Ye.A.; ANTONOVA, A.A.; PLETNEVA, O.G.; ABDUSAMATOV, M.A.; GAL'PERIN, I.P.; NEMTSOVA, V.K.; ADUYEVA, N.I.

Comparative evaluation of the reactogenicity and effectiveness of vaccines intended for the prevention of typhoid fever and paratyphoid fever B; basic materials of the epidemiological experiment in 1962. Zhur. mikrobiol., epid. i immun. 42 no.7:58-64 Jl '65. (MIRA 18:11)

1. Moskovskiy institut vaktsin i syvorotok imeni Mechnikova (for Pavlova, Antonova). 2. Tashkentskiy institut vaktsin i syvorotok (for Pletneva, Abdusamatov). 3. Ashkhabadskiy institut epidemiologii, mikrobiologii i gigiyeny (for Gal'perin, Nemtsova). 4. Gor'kovskiy institut epidemiologii, mikrobiologii i gigiyeny (for Aduyeva).

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KHEIFETS, L.B.; LIVSHITS, V.M.

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The form of nonsensitivity of a control system. Energomashinostroenie 10 no.1:25-26 Ja '64. (MIRA 17:4)

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[illegible] of free oscillations of [illegible]

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Utilization of technical pyridine in the floating of cinnabar ores.
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DORNIC, Jan.; KHEIL, Jiri

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KHEIL, Jiri

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Crystalline structure of rinkite. Azerb. khim. zhur. no. 2: 121-129 '65. (MIRA 18:12)

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KHEIROV, M.B.; MADATOV, E.Kh.

Mineralogical composition of clays in the producing formation of the Sarydzhalyar and Kyurovdag areas in the Kura Lowland. Azerb. neft. khoz. 38 no.9:6-9 S '59. (MIRA 13:2)

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Clay minerals and their distribution and genesis in the composition section of the Alyaty Sea. Trudy GIN no.115:89-112 '65. (MIRA 18:12)

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(Kura Lowland--Clay) (X rays--Industrial applications)

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X-ray study of clays of the upper division of the producing formation in the Duvanyy-More area. Azerb.neft.khoz. 41 no.2:6-9 F '62. (MIRA 15:8)
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(Caspian Sea—Geology, Stratigraphic) (Caspian Sea—Clay)

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Crystalline structure of rinkite $Na(Ca, Ce)_2(Ti, Ce)O[Si_2O_7]F$.
Dokl. AN SSSR 150 no.1:162-164 My '63. (MIRA 16:6)
(Rinkite)

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KHEK, Jiri, ing.

Lighting and labor efficiency. Podn org 18 no.2:79-82 F'64

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BORODIN, I.; ILOVA, Ye., promyshlennyy vrach; KHEKALO, N.

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