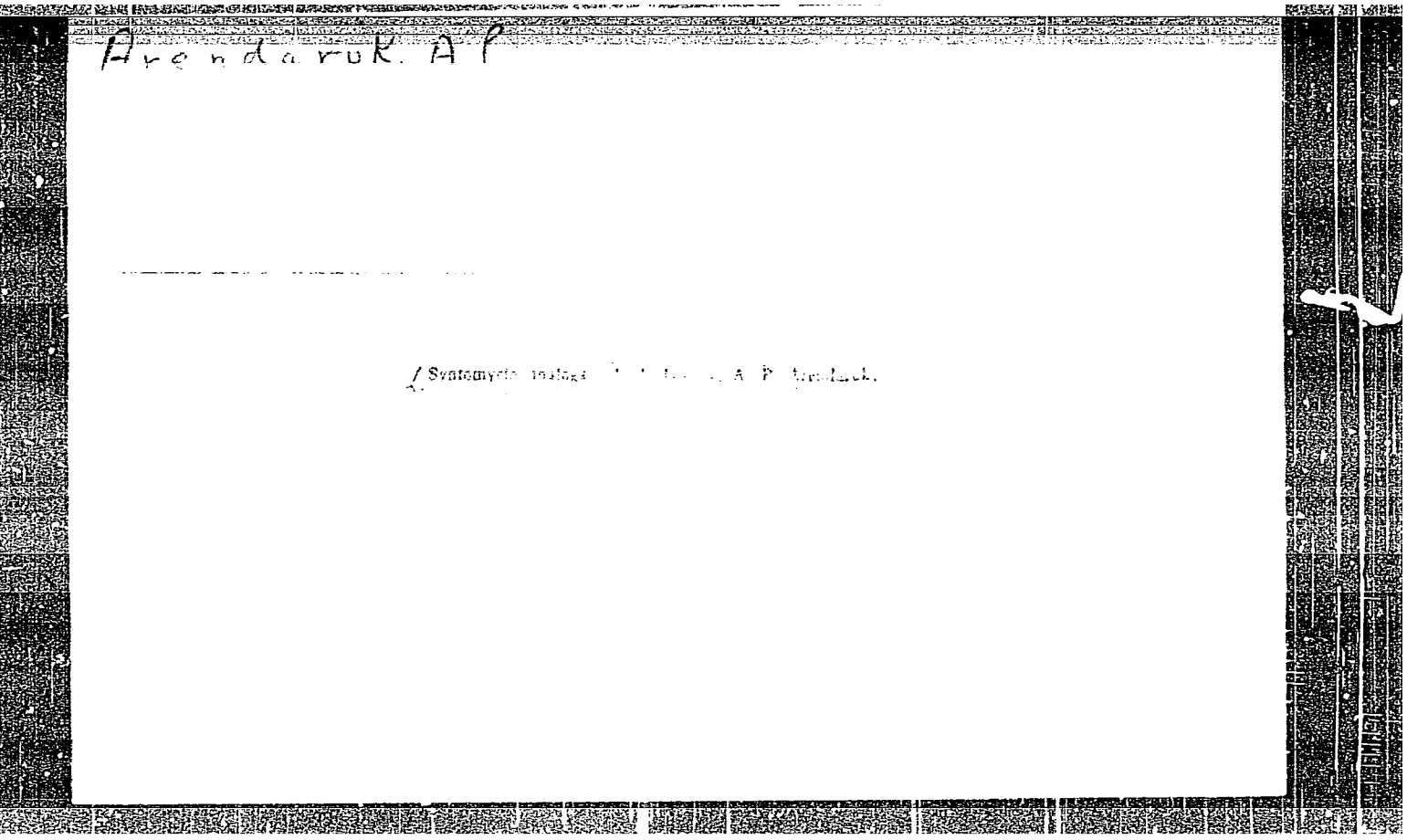


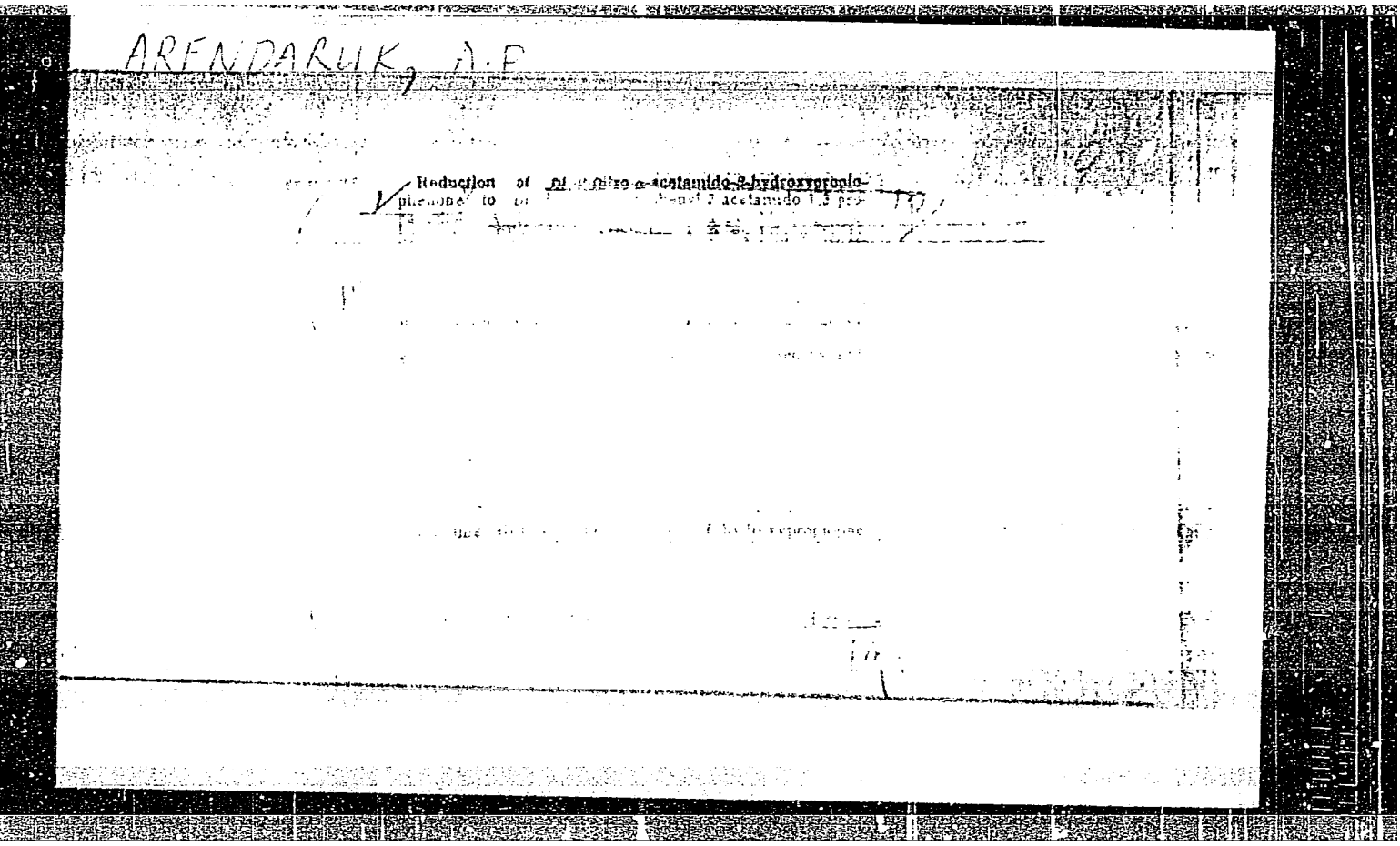
Arendaruk, A. P.

Distr: 4E4j/4E3d/4E2c(j) 7

p-Nitro-α-acetamido-β-hydroxypropiophenone. A. P. Arendaruk, M. I. Dorokhova, V. A. Mikhaley, O. I. Nikolaeva, K. P. Skoldinov, D. D. Smolin, and N. E. Smolina. U.S.S.R. 102,735, May 25, 1956. The title compd. is obtained by the interaction of formaldehyde with p-nitro-α-acetamidoacetophenone in the presence of a condensation agent such as triethylamine.
M. Hoseh

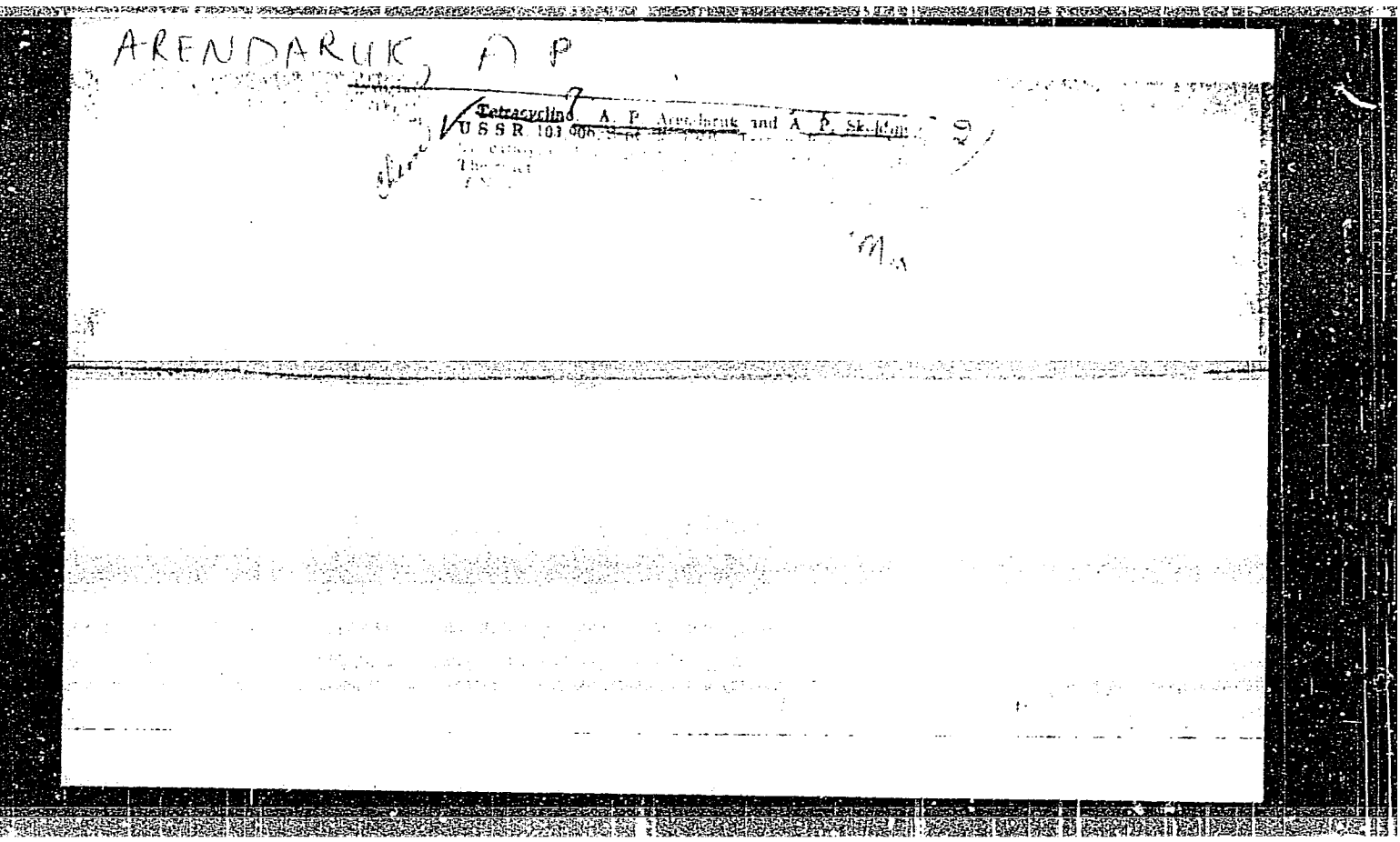
1 May

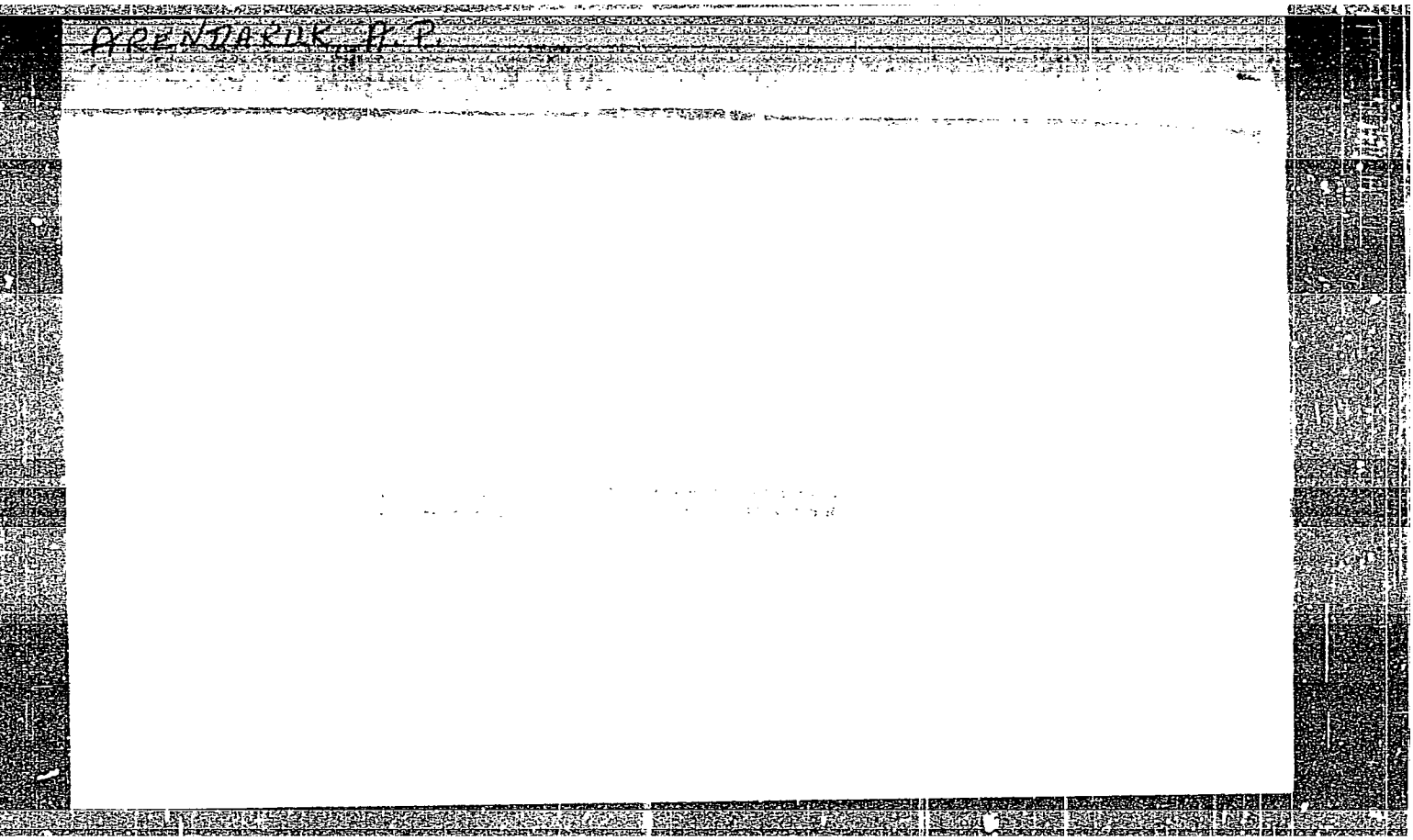
p-Nitro-α-(dichloroacetylamino)acetophenone. A. P. Mardaruk, A. I. Ivanov, M. I. Dorokhova, V. A. Mikhaliev, A. V. Skoldinov, D. D. Smolin, and N. E. Smolina. U.S.S.R. 103,013, June 25, 1956. Addn. to U.S.S.R. 96,808. 1-Hydroxy-1-(p-nitrophenyl)-2-aminoethane is treated with Cl_2CHCO_2Me and the resulting 1-hydroxy-(p-nitrophenyl)-2-dichloroacetylaminoethane oxidized to p-nitro-α-(dichloroacetylamino)acetophenone. M. Hosch



ARENDARUK, A.F.

Reduction of [illegible] acetamido-2-hydroxypropio-
phenone to [illegible] acetamido-1,3 pro[illegible]





APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00010201(

ARENDARUK, A.P.

ARENDARUK, A.P.; BUDOVSKIY, E.I.; GOTTIKH, B.P.; KARPEYSKIY, M.Ya.
KUDRYASHOV, L.I.; SKOLDINOV, A.P.; SMIRNOVA, N.V.; KHORLIN, A.Ya.
KOCHETKOV, N.K.

Dihydrosarcomycin and related compounds. Part 1. Zhur.ob.khim.
27 no.5:1312-1318 My '57. (MLRA 10:8)

1.Institut farmakologii i khimioterapii Akademii meditsinskikh
nauk SSSR.

(Antibiotics)

ARENDARUK, A.P.; SKOLDINOV, A.P.

Production of tetracycline. Med.prom. 12 no.4:14-17 Ap '58. (MIRA 11:5)

1. Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR.

(TETRACYCLINE)

SMIRNOVA, N.V., ARENDARUK, A.P., SMOLIN, D.D., SKOLDINOV, A.P.

Esters of N-(arylalkyl)-4-phenylisonipecotic acid. Med.prom.12 no.7 31-35 Jl '58 (MIRA 11:8)

1. Institut farmakologii i khimioterapii AMN SSSR.
(NIPECOTIC ACID)

MIKHALEV, V.A.; DOROKHOVA, M.I.; SMOLINA, N.Ye.; ZHELOKHOVTSEVA, A.M.; IVANOV, A.I.; ARENDARUK, A.P.; GALCHENKO, M.I.; SKORODUMOV, V.A.; SMOLIN, D.D.

Styrene as raw material for the production of synthomycin and levomycetin. Part 1: Synthesis of p-nitro-α-acylaminoacetophenones. Antibiotiki, 4 no.2:21-24 Mr-Ap '59. (MIRA 12:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze (for Mikhalev, Dorokhova, Smolina, Zhelokhovtseva). 2. Institut farmakologii i khimioterapii AMN SSSR (for Skoldinov, Ivanov, Arendaruk, Galchenko, Skorodumov, Smolin).

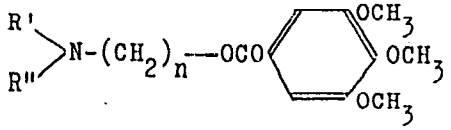
(CHLORAMPHENICOL, prep. of.
synthesis from styrene through p-nitro-α-acylaminoacetophenones (Rus))
(VINYL COMPOUNDS
styrene, use in chloramphenicol synthesis through p-nitro-α-acylaminoacetophenones (Rus))
(KETONES
p-nitro-α-acylaminoacetophenones, intermediate in chloramphenicol synthesis from styrene (Rus))

AUTHORS: Solov'yev, V. M., Arendaruk, A. P., Skoldinov, A. P. SOV/79-29-2-58/71

TITLE: Dialkylaminoalkyl Ester of 3,4,5-Trimethoxy Benzoic Acid (Dialkilaminoalkilovyye efiry 3,4,5-trimetoksibenzoynoy kisloty)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 2, pp 631-635 (USSR)

ABSTRACT: Reserpine (I), a high-active hypotensive tranquilizing agent, is the most important alkaloid extracted from the plant Rauwolfia and is generally used in medicine. Recent reports stated that there is a great number of simpler compounds, possessing only a part of the structural elements found in reserpine but having the same activity. Thus, according to data contained in publications, compound (II) shows one third of the reserpine activity and it is assumed that the activity is caused by the similarity of the structure of (II)



(n-3,R=R'=C_2H_5) with the structure of a molecular particle of reserpine (Ref 1).

Card 1/3

If this assumption is right, it must be possible to synthesize relatively simply structured compounds possessing the above mentioned properties of reserpine. Therefore the authors synthesized 12 dialkylaminoalkyl esters of 3,4,5-trimethoxy benzoic acid (II) differing as to the length of the carbon chain between the atoms of oxygen and nitrogen, as well as to the substituents at the nitrogen atom (Table). All esters apart from (II)(n=3, R=R'=C_2H_5) were synthesized by the reaction of equimolecular quantities of chloric anhydride of 3,4,5-trimethoxy benzoic acid (Ref 2) with the corresponding amino alcohol in benzene medium. The bases, which were easily obtained in pure state, were characterized as chloro hydrates and iodine methylates. 2-(N-hexamethylene imino)-ethanol-1, which is not described in publications, was obtained, like other amino alcohols, with n = 2, by the reaction of hexamethylene with ethylene bromo hydrin. Among the compounds synthesized, only a part develops a limited activity. It was not possible to find a relation between reserpine and the structural similarity and the activity of the preparations obtained. Pharmacological

Dialkylaminoalkyl Ester of 3,4,5-Trimethoxy Benzoic Acid SOV/79-29-2-58/71

investigations have yet to been undertaken. There are 1 table and 9 references, 2 of which are Soviet.

ASSOCIATION: Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR (Institute of Pharmacology and Chemotherapy of the Academy of Medical Sciences, USSR)

SUBMITTED: December 25, 1957

Card 3/3

5.3900

77875
SOV/79-30-2-26/78

AUTHORS: Arendaruk, A. P., Skoldinov, A. P.

TITLE: Investigation in the Series of Cyclobutanedicarboxylic Acids. I. The Study of the Structure of "Thesinic" Acid

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 484-488 (USSR)

ABSTRACT: In the previous paper (Zh. obsh. khim., 30, 670, abstract 77917) it was shown that the alkaloid thesin $C_{34}H_{42}O_6N_2$ which was isolated from the plant Thesium minkwitzianum is an ester of d-"isoretronecanol" and a dibasic acid $C_{18}H_{16}O_6$. "Thesinic" acid has the following composition (I):

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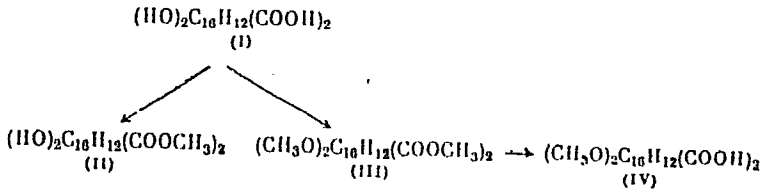
Investigation in the Series of Cyclo-
butanedicarboxylic Acids. I

77875
SOV/79-30-2-26/78

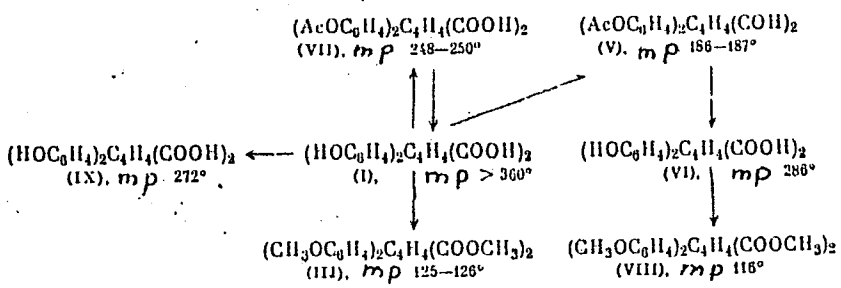


Methylation of I (1 g) with dimethyl sulfate (1.2 g) in the presence of 2 moles of $NaHCO_3$ forms dimethyl thesinate (II) (0.5 g) (mp 183-184°). The above methylation (I,3 g; dimethyl sulfate, 6.5 g), in the presence of 4 moles of NaOH, forms dimethyl dimethoxythesinate (III) (2.95 g) (mp 125-126°). Hydrolysis of III (3 g) with alcoholic alkali forms IV (1.8 g) (mp 250-251°). p-Hydroxycinnamic acid after a 20-hr exposure to direct sunlight forms "thesinic" acid, in 56% yield:

Card 2/4

Investigation in the Series of Cyclo-
butanedicarboxylic Acids. I

77875
SOV/79-30-2-26/78



V (0.8 g) was formed from I(1 g) on heating with acetic anhydride (5 ml) in the presence of sodium acetate (0.6 g) (mp 186-187°). Hydrolysis of V with a Na_2CO_3 solution forms VI (mp 286). Acetylation of I (0.5 g) with glacial acetic acid (5 ml) and acetic anhydride (0.5 g) without sodium acetate forms VII (0.4 g) (mp 248-250°). VI (0.3 g) with dimethyl sulfate (0.65 g), in the presence of NaOH, forms

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Investigation in the Series of Cyclo- 77875
butanedicarboxylic Acids. I SOV/79-30-2-26/78

VIII (0.2 g) (mp 116°). IX (0.55 g) was obtained by fusion of I (1 g) with KOH (3 g) (mp 272°). There are 5 references, 2 Soviet, 2 German, 1 U.S. The U.S. reference is: A. Mustafa, Chem. Revs., 51, 1 (1952).

ASSOCIATION: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences, USSR (Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR)

SUBMITTED: February 10, 1959

Card 4/4

5.3900

77876
SOV/79-30-2-27/78

AUTHORS: Arendaruk, A. P., Skoldinov, A. P.

TITLE: Investigation in the Series of Cyclobutanedicarboxylic Acids. II. Structures of "Thesinic" Acid and "Thesine"

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 489-493 (USSR)

ABSTRACT: p,p'-Dinitro- α-truxillic acid (II) was obtained by nitration of α-truxillic acid, in 52.5% yield (mp 293-296° dec). (II) was oxidized with $KMnO_4$ and p-nitrobenzoic acid was obtained in 54% yield. The corresponding diamino acid (IV) (2.5 g) was obtained by reduction of (II) (7.6 g) (Sn-HCl). It was found that "thesinic" acid has the structure of di-d-isoretronecanolyl-p,p-dihydroxy- α -truxillate (IX).

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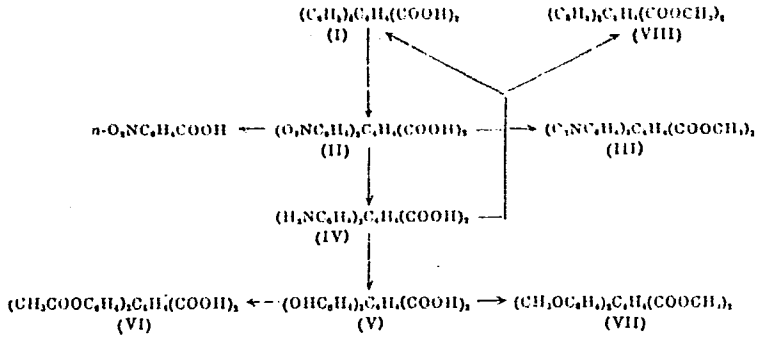
Investigation in the Series of Cyclobutane-dicarboxylic Acids. II. Structures of "Thesinic" Acid and "Thesine"

77876
SOV/79-30-2-27/78

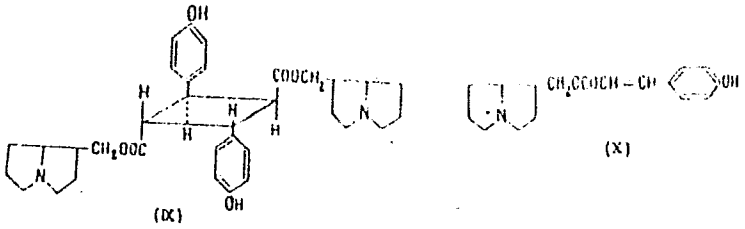


It was previously shown (ZhOKh, 30, 674, 1960) that "thesinine" has the structure of d-isoretronecanolyl-p-hydroxycinnamate (X).

Card 2/3

Investigation in the Series of Cyclobutane-dicarboxylic Acids. II. Structures of "Thesinic" Acid and "Thesine"

77876
SOV/79-30-2-27/78



In the literature there can be found some errors concerning the structure of truxillic acid derivatives. It was found that the compound (mp 272°) which was described as p,p-dihydroxy- α -truxillic acid, actually does not belong to the derivatives of the α-series. There are 6 references, 2 Soviet, 4 German.

ASSOCIATION: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences, USSR (Institut farmokologii i khimioterapii Akademii meditsinskikh nauk SSSR)

SUBMITTED: February 20, 1959

Card 3/3

5.3610,5.3900

77917
SOV/79-30-2-68/78

AUTHORS: Arendaruk, A. P., Proskurnina, N. F., Konovalova, R. A.

TITLE: Investigation of Alkaloids of Thesium Minkwitzianum Plants

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 670-676 (USSR

ABSTRACT: The overground part of Thesium Minkwitzianum, an herbaceous plant collected in 1939 in the Turkomen SSR by P. S. Massagetov, was extracted with dichloroethane. They yielded 0.7% alkaloids (based on the dry weight of the plant), consisting of 0.5% of a saturated phenolic base, $C_{34}H_{42}O_6N_2$, mp 254-256° C, which the authors named "thesin" (tezin). The remaining 0.2% alkaloids (after separation of thesin) gave a phenolic fraction, from which a second new alkaloid was isolated. Its empirical formula corresponded best to $C_{17}H_{21}O_3N$, mp 38-40° C; the authors named it "thesinin" (tezinin). Finally, the non-phenolic fraction yielded an alkaloid with an empirical formula $C_{10}H_{11}O_2N$,

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Investigation of Alkaloids of Thesium Minkwitzianum Plants

77917
SOV/79-30-2-68/78

mp 124-125° C, which the authors named "thesinicin" (tezinitsin). The aqueous extract of the plant roots yielded a crystallic base $C_8H_{15}ON$, mp 39-40° C (identified as d-isoretronecanol), d-mannitol, succinic acid, and acid $C_4H_8O_4$. It was established that thesin is an ester of the dibasic acid $C_{18}H_{16}O_6$ (named by the authors "thesinic acid") and d-isoretronecanol and that thesinin is an ester of p-hydroxycinnamic acid and d-isoretronecanol. There are 1 table; and 4 references, 1 U.S., 1 German, 2 Soviet. The U.S. reference is: R. Adams, K. Hamlin, J. Am. Chem. Soc., 64, 2597 (1942).

ASSOCIATION: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences USSR (Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR)

SUBMITTED: February 4, 1959

Card 2/2

ARENDARUK, A.P.; SKOLDINOV, A.P.

Cyclobutanedicarboxylic acids. Part 3: Basic esters of α-truxillic acid. Zhur.ob.khim. 30 no.8:2743-2745 Ag '60. (MIRA 13:8)

1. Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR.
(Cyclobutanedicarboxylic acid)

SOLOV'YEV, V.M.; ARENDARUK, A.P.; SKOLDINOV, A.P.

ω-Dialkylamino alkyl esters of 3,4,5-trimethoxybenzoic acid.
Zhur.ob.khim. 31 no.8:2577-2585 Ag '61. (MIRA 14:8)
(Benzoic acid)

ARENDARUK, A.P.; KRAVCHUK, L.A.; SKOLDINOV, A.P.; KHARKEVICH, D.A.

Chemical and pharmacological research in the series of derivatives of cyclobutanedicarboxylic acids. Uch.zap. Inst. farm. i khimioter. AMN SSSR 3:138-157'63. (MIRA 16:9)

1. Department of Pharmacology (Head - Prof. V.V.Zakusov, Member of the U.S.S.R. Academy of Medical Scienses) and Department of Organic Synthesis (Head - Candidate of Chemical Sciences A.P.Skoldinov) of the Institute of Pharmacology and Chemotherapy of the U.S.S.R. Academy of Medical Sciences.

(CURARELIKE SUBSTANCES)

FERDINAND, Ya.M. (Rostov-na-Donu); Prinimali uchastiye: MARISOVA, A.P.; BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA, I.L.; TELESHEVSKAYA, E.A.; SOBOLEVA, S.V.; KALININA, K.I.; KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.; MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.; GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFEYEVA, V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.; PETROVA, Z.I.; MAKHLINOVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.; MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO, N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEMESHEVA, Ye.A.; BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine against typhoid and paratyphoid B fever in school-age children. Zhur. mikrobiol., epid. i immun. 41 no.1:23-27 Ja '64.
(MIRA 18:2)

AREN DOVA, Hana, MUDr.; KUBECOVA, Dagmar, MUDr.

A case of "early" toxic effect of chloramphenicol on the bone marrow. Vnitrni lek. 11 no.3:276-283 Mr '65

1. Hematologicke oddeleni Ustredni laboratore, Praha 8, Bulovka, (prednosta: Dr. K. Masek, CSc.) a Klinika infekcnich nemoci, Praha 8, Bulovka (prednosta: prof. Dr. V. Kredba).

AHENDS, A.K., otvetstvennyy redaktor; LYUBECHANSKAYA, N.I., redaktor izdatel'stva; GOR'KOVAYA, Z.P., tekhnicheskiy redaktor

[Portrait of Avicenna] Portret Ibn Siny. Tashkent, 1956. 29 p. (MLRA 9:12)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut vostokovedeniya. (Avicenna, 980?-1037)

AREND S, A-K.

ABU ALI IBN SINA (Avicenna); TERNOVSKIY, V.N., prof., otv.red.; ARENDS, A.K., kand.filol.nauk, otv.red.; SHIPUKHIN, A.Ya., red.izd-va; GOR'KOVAYA, Z.P., tekhn.red.

[Canon of medicine] Kanon vrachebnoi nauki. Tashkent, Izd-vo Akad.nauk Uzbekskoi SSR. Book 3, vol.1. 1958. 793 p. (MIRA 12:3)

1. Deystvitel'nyy chlen Akademii Meditsinskikh nauk SSSR (for Ternovskiy).

(MEDICINE, ARABIC)

ARENDS, V.F.; ATSYUKOVSKIY, A.G.; KRAMARENKO, L.S.; FEDOTOVSKIY, A.P., red.; ANTONOV, A.F., arkhitektor, spets. red.; BARANOV, I.A., tekhn. red.

[Handbook for the young construction worker] Spravochnik molodogo stroitelia. Murmansk, Murmanskoe knizhnoe izd-vo, 1961. 367 p. (MIRA 14:11)

(Building)

ARENS, V.Zh.

Hydraulic method of working ore deposits. Nauch. soob. IGD 12:24-35 '61. (MIRA 15:9)

(Hydraulic mining)

AREND T, A. A.

"Problems of Operative Method and Technique for Traumatic Epilepsy Cases," Vop. Neyrokhirurgii, 12, No.3, 1948

Inst. of Neurosurgery im. Burdenko, AMS USSR

ARENDT, A. A.

Pathology of the nervous system in somatic diseases. Vopr. nevrokhir. 14:3, May-June 50. p. 58-64

1. Moscow.

CLML 19, 5, Nov., 1950

ARENDT, A.A.
(Article 1970)

Surgical treatment of cerebral tuberculomas with support of streptomycin Vop. Nejrokhir. 1951, 3 (11-17)

2.1 to 3.4% of intracranial tumours are tuberculomas. Previous to the introduction of streptomycin the mortality rate of surgery dealing with tuberculoma was 82 to 100%. From 1929 to 1950 a total of 91 tuberculomas of the CNS were treated of which 56 were operated upon without streptomycin. One case was definitely cured. Since the introduction of streptomycin in postoperative care tuberculomas were removed in 24 cases, with favourable results in 70%. Irrigation of the operative field with normal saline must be avoided in order to prevent a spread of tb elements over the subarachnoid space. There are no contr-indications to surgery, even a hopeless case must be given the chance of operation.

Heppner - Graz

Source: EXCERPTA MEDICA Vol.5 No.5 Section VIII May 1952

ARENDT, A. A.

N. N. Burdenko; pioneer of Soviet neurosurgery. Vopr. neirokhir. 15 no. 5:7-12 Sept-Oct 1951. (CIML 21:3)

1. Professor. 2. Moscow.

ARENDT, A. A.

Prolonged drainage of lateral ventricles of the brain. Vopr. neirokhir. 16 no. 2:8-15 Mar-Apr 1952. (CIML 22:4)

1. Professor. 2. Of the Institute of Neurosurgery imeni Academician N. N. Burdenko (Director -- Prof. B. G. Yegorov, Corresponding Member AMS USSR), Academy of Medical Sciences USSR.

ARENDT, A.A.; NESTEROVA, N.M.

Nikolai Nilovich Burdenko (1876-1946) Vstup. stat'ia A.A.Arendta; bibliografiia sost. N.M.Nesterovoi. Moskva, 1953. 75 p. (Materialy k biobibliografii uchenykh SSSR. Seriia meditsinskikh nauk, no.5) (MLRA 8:2)

(Burdenko, Nikolai Nilovich, 1876-1946)
(Bibliography--Medicine)

ARENDT, A. A., Prof.; KORNYANSKIY, G. P.

Brain - Tumors

Basic problems in clinical management and surgery of brain tumors in children. Vop. neirokhir. 17, No. 1, 1953.

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

ARENDT, A.A.

Reactive manifestations in cerebral tumors following application of prolonged drainage of the lateral ventricle. Vopr. neirokhir. 17 no.3: 3-9 May-June 1953. (CIML 25:1)

1. Of the Institute of Neurosurgery imeni Academician N. N. Burdenko (Director -- Prof. B. G. Yegorov, Corresponding Member AMS USSR), Academy of Medical Sciences USSR.

TUMSKOY, V.A., dotsent; ARENDT, A.A., professor, zaveduyushchiy; YEGOROV, B.G., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor; RAPOPORT, M.Yu., professor, rukovoditel' nevrologicheskogo sektora.

Analysis of focal phenomena in the epileptic syndrome in brain injuries. Vop.neirokhir. 17 no.3:23-30 My-Je '53. (MLRA 6:8)

1. Kafedra neyrokhirurgii TSentral'nogo instituta usovershenstvovaniya vrachey Ministerstva zdravookhraneniya SSSR (for Tumskoy and Arendt). 2. Institut neyrokhirurgii imeni akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR (for Tumskoy, Yegurov and Rapoport). 3. Akademiya meditsinskikh nauk SSSR (for Yegorov).
(Brain--Wounds and injuries) (Epilepsy)

ARENDT, A.A., professor.

Present state of the problem of cerebrocranial trauma. Vopr.neirokhir. 18 no.1:66-76 Ja-F '54. (MLRA 7:4)

1. Iz Instituta neyrokhirurgii im. akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(Head--Wounds and injuries)

ARENDT, A.A., professor

Methodological and technical problems in surgery of tumors of the posterior cranial fossa in children. Vop. neirokhir. 18 no.3:31-38 My-Je '54. (MLRA 7:8)

1. Iz Instituta neyrokhirurgii imeni akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR.
(CEREBELLUM, neoplasms,
*surg. in child.)

ARENDT, A.A.; KUZNETSOVA, S.I.

Observations on prolonged drainage of the lateral cerebral ventricles in neurosurgical practice. Vop.neirokhir.19 no.4: 3-9 Jl-Ag '55. (MLRA 8:10)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akad.N.N.Burdenko Akademii meditsinskikh nauk SSSR

(DRAINAGE,
cerebral ventricles, prolonged)
(CEREBRAL VENTRICLES,
drainage, prolonged)

Arendt, A.A.

ARENDT, A.A., prof., otvetstvennyy red.; OGNEV, B.V., prof.; ZOGRABYAN, S.G., dotsent; METAL'NIKOVA, N.N., doktor med.nauk.

[Problems of neurosurgery] Problemy neirokhirurgii. Pod red. A.A.Arendta i dr. Moskva, 1957. 154 p. (MIRA 11:1)

1. Moscow. TSentral'nyy institut usovershenstvovaniya vrachey.
2. Chlen-korrespondent AMN SSSR (for Ognev).
(NERVOUS SYSTEM--SURGERY)

ARENDT, A.A.

ARENDT, A.A., professor

Clinical aspects and diagnosis of craniopharyngioma; from materials of the Institute of Neurosurgery, Report No.1. Vop.neirokhir. 21 no.5:18-24 S-O '57. (MIRA 10:11)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirugii imeni akad. N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(CRANIOPHARYNGIOMA,
clinical aspects & diag. (Rus))

ARENDT, A.A.

Pathology of the cerebrospinal fluid system in brein tumors. Probl. sovr. neirokh. 2:108-117'57. (MIRA 16:6)
(BRAIN—TUMORS) (CEREBROSPINAL FLUID)

ARENDT, A.A.

In memory of professor S.S. Briusova. Vop.neirokhir. 22 no.3:60-61 My-Je '58 (MIRA 11:8)

(BRIUSOVA, SERAFIMA SEMENOVNA, 1894-1958)

ARENDT, A.A., zasluzhennyy deyatel' nauki prof.

Surgical therapy of craniopharyngiomas. Report No.2 [with summary in English]. Vop.neirokhir. 22 no.5:11-16 S-O '58.
(MIRA 12:1)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni N.N. Burdenko AMN SSSR.
(CRANIOPHARYNGIOMA, surg. (Rus))

ARENDT, A.A., zasluzhenny deyatel' nauki (Moskva)

Analysis of surgical therapy in craniopharyngiomas; data from the Brudenko Institute of Neurosurgery of the Academy of Medical Sciences of the U.S.S.R. Report No.3 [with summary in English, p.63]. Vop. neirokhir. 23 no.1:17-22 '59. (MIRA 12:3)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akademika N.N. Brudenko AMN SSSR.
(CRANIOPHARYNGIOMA, surgery,
hosp. statist. (Rus))

ARENDT, A.A., zasluzhennyy deyatel' nauki, prof.

Problems in the diagnosis and surgical treatment of craniopharyngiomas. Probl.sovr.neirokhir. 3:247-257 '59. (MIRA 16:6)
(PITUITARY BODY--TUMORS)

ARENDT, A.A., zasl. deyatel' nauki prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BLAGOVESHCHENSKAYA, N.S., doktor med. nauk; GAL'PERIN, M.D., prof.; KANDEL', E.I., kand. med. nauk; KORNYANSKIY, G.P., prof.; KORST, L.O., doktor med. nauk; RAZDOL'SKIY, I.Ya., zasl. deyatel' nauki prof.; EMDIN, P.I., zasl. deyatel' nauki prof.[deceased]; EPSHTEYN, P.V.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.; SENCHILO, K.K., tekhn. red.

[Multivolume manual on neurology] Mnogotomnoe rukovodstvo po nevrologii. Moskva, Medgiz. Vol.5. [Tumors of the nervous system] Opukholi nervnoi sistemy. . 1961. 570 p. (MIRA 16:9)

1. Deystvitel'nyy chlen AMN SSSR (for Davidenkov). 2. Chlen-korrespondent AMN SSSR (for Razdol'skiy).
(NERVOUS SYSTEM—TUMORS)

ARENDT, A. A., and KHANDRIKOVA-MARZEYEVA, T. G., both at the Institute of Neurosurgery imeni N. N. Burdenko, Academy of Medical Sciences USSR, Moscow - "Cholestestomes of the spinal cord after tuberculosis meningitis" - paper to be presented at the General Scientific Session of 17 Oct 61

ARUTYUNOV, A. I., Director, Ukrainian Scientific Research Institute of Neurosurgery, Kiev - "Cerebral edema and the problem of raising intracranial pressure" - paper to be presented at the General Scientific Session of 16 Oct 61

NIKOL'SKIY, V. A., Head, Clinic of Nervous Diseases and Neurosurgery, North Caucasus Medical Institute, Rostov-on-Don, and TEMIROV, Ye. S., Member, same Clinic - "Types of vascularization of intracranial tumors" - paper to be presented at the General Scientific Session of 19 Oct 61

SHAMOV, V. N., ORLOVA, A. N., BAIMAYEV, K. N., and VOLKOV, A. A., all at the Leningrad Neurosurgical Institute imeni A. L. Polenov, and NORETS, T. A., Leningrad - "Combined surgical and radiological treatment of intracerebral tumors" - paper to be presented at the General Scientific Session 16 Oct 61

YEGOROV, B. G., Member, Institute of Neurosurgery imeni N. N. Burdenko, Academy of Medical Sciences USSR, Moscow - "The methods and follow-up of surgical treatment of tumors of lateral and third ventricles of the brain" - paper to be presented at the General Scientific Session 17 Oct 61

report to be submitted for the Second Intl. Congress of Neurological Surgery, 14-20 October 1961, Wash. D C.

(10)

AREND'T, A.A., zasluzhennyy deyatel' nauki, prof. (Moskva)

Current problems in the diagnosis and surgical technics in tumors of the brain in children. Vop.neirokhir. no.4:15-20 '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(BRAIN—TUMORS)

ARENDT, A.A.

Objectives and prospects in the development of neurosurgery in children. Vest.AMN SSSR 16 no.3:56-61 '61. (MIRA 14:7)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akademika N.N.Burdenko AMN SSSR.
(NERVOUS SYSTEM--SURGERY) (CHILDREN--SURGERY)

ARENDT, A.A., prof. zasluzhennyy deyatel' nauki; NERSESYANTS, S.I., kand.med.nauk (Moskva)

Neuroectodermal tumors of the brain in children. Vop.neirokhir. 25 no.1:5-10 Ja '61. (MIRA 14:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(BRAIN—TUMORS)

ARENDT, A.A., prof.; MERSESYANTS, S.I., kand.med.nauk

Pathology of cerebrospinal fluid circulation following the removal of neurinomas of the eigth nerve. Probl.sovr.neirokhir. 4:5-13 '62. (MIRA 16:2)
(ACOUSTIC NERVE--TUMORS) (CEREBROSPINAL FLUID)

ARENDT, A.A., prof.; ARTARYAN, A.A., kand.med.nauk

Changes in cerebrospinal fluid circulation following surgical intervention in connection with tumors of the cerebellum. Probl. sovr.neirokhir. 4:14-20 '62. (MIRA 16:2)
(CEREBELLUM—TUMORS) (CEREBROSPINAL FLUID)

AREND T, A.A., prof.; NERSESYANTS, S.I., kand.med.nauk (Moskva)

Neuroectodermal tumors in infants. Vop.neirokhir. no.4:25-27 '62. (MIRA 15:9)

(BRAIN—TUMORS)

ARENDT, A.A., prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BOGDANOV, F.R., prof.; BONDARCHUK, A.V., prof.; KOPYLOV, M.B., prof.; KORNEV, P.G., zasl. deyatel' nauki RSFSR, prof.; KUSLIK, M.I., prof.; LEYBZON, N.D., doktor med. nauk; MAKAROV, M.P., kand. med. nauk; NIKOL'SKIY, V.A., prof.; PODGORNAYA, A.Ya., doktor med.nauk; RAZDOL'SKIY, I.Ya., prof.[deceased]; ROSTOTSKAYA, V.I., kand. med.nauk; TUMSKOY, V.A., kand. med.nauk; UGRYUMOV, V.M., prof.; FISHKIN, V.I., kand. med. nauk; KHRAPOV, V.S., kand. med. nauk; CHIKOVANI, K.P., prof. [deceased]; SHLYKOV, A.A., prof.; PETROVSKIY, B.V., prof. zasl. deyatel' nauki RSFSR, otv. red.; YEGOROV, B.G., zasl. deyatel' nauki RSFSR prof., red. toma; MIRONOVICH, N.I., doktor med. nauk, zam. red.; PARAKHINA, N.L., tekhn. red.

[Manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.4. [Neurosurgery; the sequelae of lesions of the central nervous system. Diseases of the spine, the spinal cord and its membranes. Diseases of the vegetative nervous system] Neirokhirurgiia; posledstviia povrezhdenii tsentral'noi nervnoi sistemy. Zabolevaniia pozvonochnika, spinnogo mozga i ego obolochek. Zabolevaniia vegetativnoi nervnoi sistemy. 1963. 667 p. (MIRA 16:10)

1. Deystvitel'nyy chlen AMN SSSR (for Petrovskiy, Yegorov, Kornev). 2. Chlen-korrespondent AMN SSSR (for Bogdanov).
(NERVOUS SYSTEM—SURGERY) (SPINE—SURGERY)

ARENDT,A.A., prof.; ARTARYAN,A.A., kand.med.nauk; BAIROV,G.A.,prof.; VOLKOV,M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk; VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk; DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand. med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN, S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV,Yu.F., doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV, A.N.; KORNYANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand.,med. nauk; KLIMKOVICH, I.G., dots.; KONDRASHIN, N.I., kand. med. nauk LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand. med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I., doktor med. nauk; MAREYEVA, T.G., kandidat meditsinskikh nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.; OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand, med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.; OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F., prof., otv. red.

[Multivolume manual on pediatrics]Mnogotomnoe rukovodstvo po pediatrii. Moskva, Meditsina. Vol.9.[Pediatric surgery] Khirurgiia detskogo vozrasta. Red.toma S.IA.Doletskii. 1964. 654 p. (MIRA 17:9)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-korrespondent AMN SSSR (for Bairov, Volkov).

ARENDT, A.A.; NIKOLAYEVA, N.F.

Endotracheal anesthesia in pediatric neurosurgery. Vop. neirokhir. 28 no.6:20-25 N-D '64. (MIRA 18:4)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akademika Burdenko AMN SSSR i kafedra neyrokhirurgii TSentral'nogo instituta usovershenstvovaniya vrachey Ministerstva zdravookhraneniya SSSR, Moskva.

ARENDT, A.A., prof.

Training of neurosurgical personnel. Vop. neirokhir. 28 no.2: 57-59 Mr-Ap '64. (MIRA 18:2)

1. Kafedra neyrokhirurgii (zav. - prof. A.A. Arendt) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

ARENDT, Daniel

The small passenger automobile a necessity, considering traffic difficulties. Techn motor 14 no. 6:172-178 Je '64.

KOLCHIN, A.; KOMAROV, V., mekhanik; ARENDT, G.

Where is the new ER-10 excavator? Stroi. truboprov. 7 no.4:25 Ap '62. (MIRA 15:5)

1. Nachal'nik stroitel'nogo uchastka No.6 tresta Soyuzprovodmekhanizatsiya (for Kolchin). 2. Nachal'nik spetsial'nogo konstruktorskogo byuro Gazstroymashina (for Arendt).

(Excavating machinery)

ARENDT, G.A., inzh.

Rotary excavators in pipeline laying. Stroi. truboprov. 6 no.4:9-12 Ap '61. (MIRA 14:6)

1. Moskovskiy eksperimental'nyy mekhanicheskiy zavod.
(Excavating machinery)

ARENDT, P. R.

Wireless Engineer
July, 1954
Television and Phototclegraphy

621.397.813
2249
'Sensation-Correct' Gamma Correction of Television Pictures.—P. R. Arendt. (*Arch. elekt. Übertragung*,

1044-54

ARENDT, W.

On chemotherapy of malignant tumors. Acta chir. crthop. traum. Cech. 32 no.4:320-322 Ag '65.

1. Ortopedicka universitni klinika v Berline (Charité) (prednosta prof. dr. Kaiser).

ARENDT, Yu.A.

A new unusual calciferous sponge from Carboniferous deposits of the Moscow Basin. Paleont. zhur. no.2:46-52 '59.

(MIRA 13:1)

1. Paleontologicheskiy institut Akademii nauk SSSR.
(Moscow Basin--Sponges, Fossil)

ARENDT, Yu.A.

New subspecies of Blastoidea from the Carboniferous of the Moscow Basin. Biul.MOIP.Otd.geol. 35 no.4:149-150 Jl-Ag '60. (MIRA 14:4)

(Moscow Basin--Echinodermata, Fossil)

ARENDT, Yu.A.

Injuries in crinoids caused by Schizoproboscina. Paleont. zhur. no.2:101-106 '61. (MIRA 14:6)

1. Paleontologicheskiy institut AN SSSR.
(Myachkovo region--Crinoidea, Fossil)
(Schizoproboscina)

ARENDT, Yu. A.

Rhabdocrinus vatagini sp. nov. from the Lower Carboniferous of the Moscow region. Paleont. zhur. no.2:117-121 '62.
(MIRA 15:10)

1. Paleontologicheskiy institut AN SSSR.

(Moscow region—Crinoidea, Fossil)

ARENDT, Yu.A.

Crown of a crinoid from the Middle Ordovician of the Podkamennaya Tunguska River. Paleont. zhur. no.4:131-135 '63. (MIRA 17:1)

1. Paleontologicheskiy institut AN SSSR.

ARENDT, Yu.A.

Five thousand calyces of fossil sea lilies. Priroda 53 no.7:111-113 '64. (MIRA 17:7)

1. Paleontologicheskiy institut AN SSSR, Moskva.

ARENDT, Yu.A.; YANIN, B.T.

Late Jurassic and Early Cretaceous Crinoidea of the Crimea.
Paleont. zhur. no.3:140-142 '64.
(MIRA 18:2)

1. Paleontologicheskiy institut AN SSSR i Moskovskiy gosudarstvennyy universitet.

ARENDT, Yu.A.

Identification of the crinoids of Calceocrinidae. Paleont. zhur. no.1:89-96 '65. (MIRA 18:4)

1. Paleontologicheskiy institut AN SSSR.

ADAMCZAK, Teobald; ARENDT-KASPRZYCKA, Irena

Treatment of fistulae of the digestive system secreting substances digesting or macerating the skin. Polski przegl. chir. 33 no.3: 245-251 '61.

1. Z II Kliniki Chirurgicznej AM w Warszawie Kierownik: prof. dr J. Mossakowski.

(GASTRIC FISTULA surg) (INTESTINAL FISTULA surg)

ARENDT-KASPRZYCKA, Irena; SZUMMER, Maciej

General anesthesia and azeotropic mixture of fluothane and diethyl ether. Pol. przegl. chir. 36 no.8:999-1003 Ag '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr Z. Lapinski) i z Oddzialu Chirurgicznego Centralnego Szpitala Klinicznego w Warszawie (Ordynator: dr F. Wisniewski).

AREN DZIKOWSKI, Bogumil; KOCIELSKA, Wanda; PRZESTALSKA, Helena

Smallpox epidemic in Wroclaw in 1963. Przegl. epidem. 18 no.2:153-163 '64.

1. Ze Stacji Sanitarno-Epidemiologicznej m. Wroclawia.

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 47 (USSR) SOV/137-58-12-24244

AUTHORS: Arengol'd, A., Nikiforov, A.

TITLE: Continuous Casting of Steel. Installation at the Plant im. "First-of-May" (Nepreryvnaya razlivka stali. Ustanovka zavoda imeni 1 Maya)

PERIODICAL: Mashina sistemy M. Goldobina. Protopopov N., Zhetvin N., Prom.-ekon. gaz., 1958, 28 maya, Nr 65, p 3

ABSTRACT: Bibliographic entry

Card 1/1

ARENGOL'D, M. A. PA 47/49T94

USSR/Metals Feb 49
Cast Iron
Steel

"Improving the Quality of Cast Iron," M. A. Arengol'd, Chief Engr, Factory imeni 1 May, 3pp

"Torf Prom" No 2

Recommends for 1949: mastering processes of profile and thin-wall casting, minimum allowance standards for processing, mechanized molding by casting large castings on roller-conveyers, molding in mold boxes, and reducing manpower and cost of steel casting by 6 - 8 %.

47/49T94

C. A.

5

AREN GOL'D, M. A.

Graphitized steel. M. A. Arengol'd and A. M. Nikitin. *Tsvetnaya Prom.* 27, No. 1, 30-5(1950).—The flowability of high-C graphitized steel with high silica content exceeds the flowability of the usual C steel; the linear contraction is below the contraction of ordinary C steel and lies between 1.6 and 1.7%. The structure of graphitized steel is distinguished from the structure of ordinary high-C steel only by the presence of pptd. free C. The best annealing procedure for abrasion resistance consists of heating to 800–900°, holding 6–7 hrs. at this temp. followed by cooling in the furnace, thus guaranteeing a finely broken up structure, high hardness (240–260 Brinell), and adequate plasticity. The wear resistance of graphitized steel approximates the wear resistance of Hadfield steel and the latter may be replaced by graphitized steel. The presence of graphite in the laminated pearlite structure imparts good antifriction properties to the alloy and makes it a good substitute for nonferrous alloys. The casting properties of graphitized steel are extremely good due to the low pouring temp. and long solidification time. Because of the small contraction to pearlite, it has less tendency to the formation of heat cracks.

Marshall Sittig

AREND T, Yu.A.

Characteristics of the development of Hypocrinidae. Biul. MOIP. Otd.geol. 39 no.5:147-148 S-O '64. (MIRA 18:2)

AID P - 4489

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 16/29

Author : Arengol'd, M. A., Engineer

Title : New technology for the production of balls for pulverizing ball mills.

Periodical : Vest. mash., #4, p. 62-63, Ap 1956

Abstract : This method consists in a continuous process of casting ingots, cutting them into smaller sections, and then rolling them transversally. Diagrams.

Institution : Moscow Metallurgical Plant "Serp i molot"; Central Scientific Research Institute of Ferrous Metallurgy (TsNIIChERMET); State Bearings Plant (GPZ) im. Kaganovich; Central Design Bureau MM (TsKBMM) of the Central Scientific Research Institute of Technology and Machine Building (TsNIITMASh).

Submitted : No date

7(6), 9(0), 18(7) SOV/32-25-1-26/51

AUTHORS: Skakov, Yu. A., Arengol'd, M. B., Sharshatkina, A. V.

TITLE: Electron Microscopic and Electronographic Investigation of the Transparency of Foils (Metal Laminas) (Elektronno-mikroskopicheskoye i elektronograficheskoye issledovaniye na prosvet plenok)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 1, pp 64 - 65 (USSR)

ABSTRACT: A method is described for the electrolytic dilution of samples from composed alloys (of the K4ONKhM and Gatfil'd steel). The strips (20 x 40 mm) of the alloy under investigation were diluted by electrolysis to approximately 0.1 mm thickness. For the two alloys mentioned above an electrolyte consisting of 195 cm^3 H_3PO_4 + 30 g CrO_3 was employed at a current density of about 0.2 ampere/cm^2. The electronographic investigation of the laminal transparency can be carried out by the EM-4 electronograph. The method described provides an explanation of the structural changes at a low temperature deformation and hardening of the K4ONKhM alloy. A second

Card 1/2

Electron Microscopic and Electronographic Investigation SOV/32-25-1-26/51
of the Transparency of Foils (Metal Laminas)

group of lines was observed ($\frac{d}{n}$ = 2.15 and 1.95 Å), that apparently corresponds to that alloy portion having a higher molybdenum and carbon content. After hardening at 700°, the presence of a carbide phase of the type $Co_3Mo_3[(Co,Fe,Cr)_3(Mo,Cr)_3C$ with cubic lattice, α=11,0 Å] was ascertained. The method described is recommended for the investigation of the chemical heterogeneity and the structural disturbances of the alloy basis.

ASSOCIATION: Moskovskiy institut stali im. I. V. Stalina (Moscow Steel Institute imeni I. V. Stalin)

Card 2/2

ARENIN, Eduard Mironovich; KONDYUKOVA, P.D., red.; POPOV, N.D., tekhn. red.

[Men who built a city]Chelovek, kotoryi postroil gorod. Moskva, Sovetskaia Rossiia, 1962. 155 p. (MIRA 15:10)
(Leningrad--Construction workers)

POPILOV, L.Ya.; ALEKSEYEV, A.V., kand.tekhn. nauk, retsenzent; ZAYTSEVA, L.P., kand.tekhn.nauk, retsenzent; POPOV, V.F., inzh., retsenzent; ARENKOV, A.B., inzh., red.; DENINA, I.A., red.izd-va; KAPLANSKIY, Ye.F., tekhn. red.

[Manual on electric and ultrasonic methods of processing materials] Spravochnik po elektricheskim i ul'trazvukovym metodam obrabotki materialov. Moskva, Mashgiz, 1963. 478 p. (MIRA 17:3)

SPERANSKIY, Vladimir Mikhaylovich; ARENKOV, Anatoliy Borisovich; BLISKUNOV, N.A., kand.tekhn.nauk, red.; KHIVRICH, Ye.D., red.izd-va; FARAKHINA, N.L., tekhn.red.

[Ultrasonic chemistry and cellulose] Zvukokhimiia i tsellioloza. Moskva, Goslesbumizdat, 1961. 72 p. (MIRA 14:12)

(Cellulose)
(Ultrasonic waves--Industrial applications)

ARENKOV, I. D., jt. au.

The mining of graphite ores Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1949. 47 p. (50-15549)

TN845.L5

AUTHORS: Arenkov, I.D., and Karpovich, V.L. Engineers. 28-3-17/33

TITLE: Classification of Coal of the Donets, Kuznetsk and Karaganda Basins (Klassifikatsiya ugley Donetskogo, Kuznetskogo i Karagandinskogo basseynov)

PERIODICAL: Standartizatsiya, 1957, No 3, May-June, pp 61-64 (USSR)

ABSTRACT: Information is given on the latest re-classification of coal grades in accordance with the three new standards ГОСТ 8180-56 for the Donets basin, 8162-56 for the Kuznetsk basin and 8150-56 for the Karaganda basin. These were introduced on 1 Jan 57 to replace the old standards after the first half of the year. Coal grade designations are given along with their meaning, data on application for coking (thickness of the plastic layer), content of volatile matters, general percentage of grades now classified as "meagre", "fat", "poor coking". It is stated, that the new classification standards will clarify the distribution of coal in accordance with technical needs, eliminate the existing overconsumption, decrease the cost per heat unit and the transportation costs and increase the utilization for coking of the less scarce coal grades. The new regulations are obligatory in designing and operating of industrial stabile and mobile heating contrivances, gas generators, installations

Card 1/2

Classification of Coal of the Donets, Kuznetsk and Karaganda Basins 28-3-17/33

for semi-coking and hydration, coke ovens, as well as in planning of coal mining, sorting and dressing of coal. The reclassification is not final - introduction of oxydized coal grades is planned for the coming years and the established grades will have to be amended in accordance with accumulated new data and the development of mining in new fields. It is planned for the near future to define the grades (by international classification) to which the coals of the basic USSR coal fields belong. There are 3 diagrams.

ASSOCIATION: The Committee for Standards, Measures and Measuring Devices (Komitet standartov, mer i izmeritel'nykh priborov)

AVAILABLE: Library of Congress

Card 2/2

S/028/61/000/006/002/002
D203/D305

AUTHOR: Arenkov, I.D.

TITLE: Asbestos. GOST 7-60. Serpentine asbestos. (Replacing GOST 7-51). Operative from January 1, 1961.

PERIODICAL: Standartizatsiya, no. 6, 1961, 59-60

TEXT: The number of types of asbestos in GOST 7-60 is 34, as against 43 in GOST 7-51. New types of long fibrous asbestos (DV-O-80 and DV-O-55) produced by mechanical enrichment are introduced to replace type AK-2, produced by manual enrichment. First-grade (crude) AK asbestos of not less than 18 mm fibre length (hand picked) has been retained in the standard. An improvement is specified for the quality of the mineral. In all 5 types of hard and one type of soft texture, the content of long fibre is increased from 3 to 10%. In 13 types of semi-hard and soft texture, the permissible impurity content (fine and coarse dust) has been lowered considerably in order to improve the quality of slate and asbestos cement articles. 5 new improved types

Card 1/2

ARENKOV, I.D.

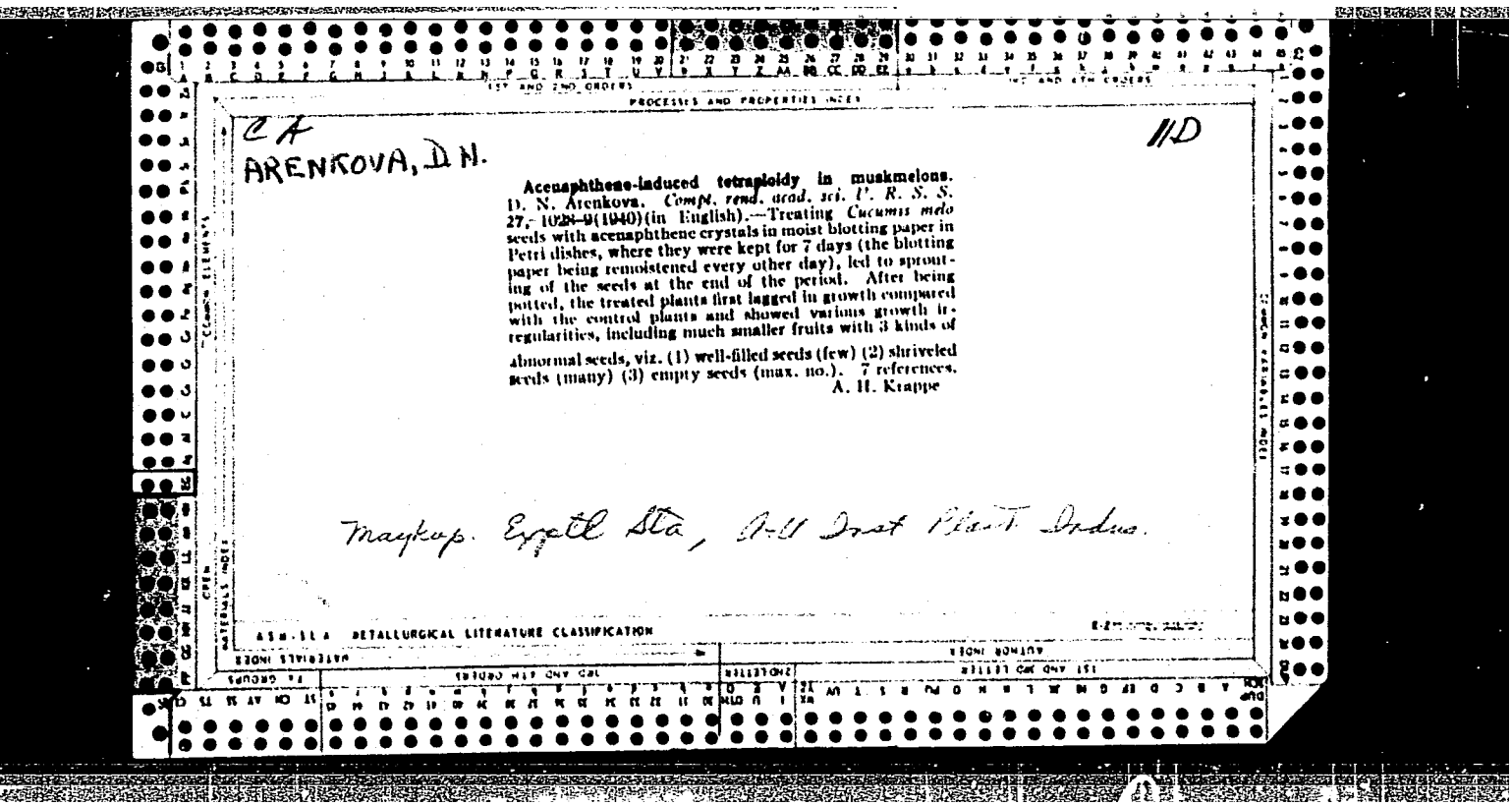
Enriched kaolin. Standartizatsiia 26 no.1:58-59 Ja '62.
(MIRA 15:1)

(Kaolin--Standards)

AREŃKOVA, D. N.

"Types of Gametes Produced by Structural Aberrants in Crepis Capillaris Vallr," Dokl. Ak. Nauk SSSR 25, No. 5, 1939.

Lab. of Cytology, A-U Inst. of Plant Industry, Leningrad-Pushkin



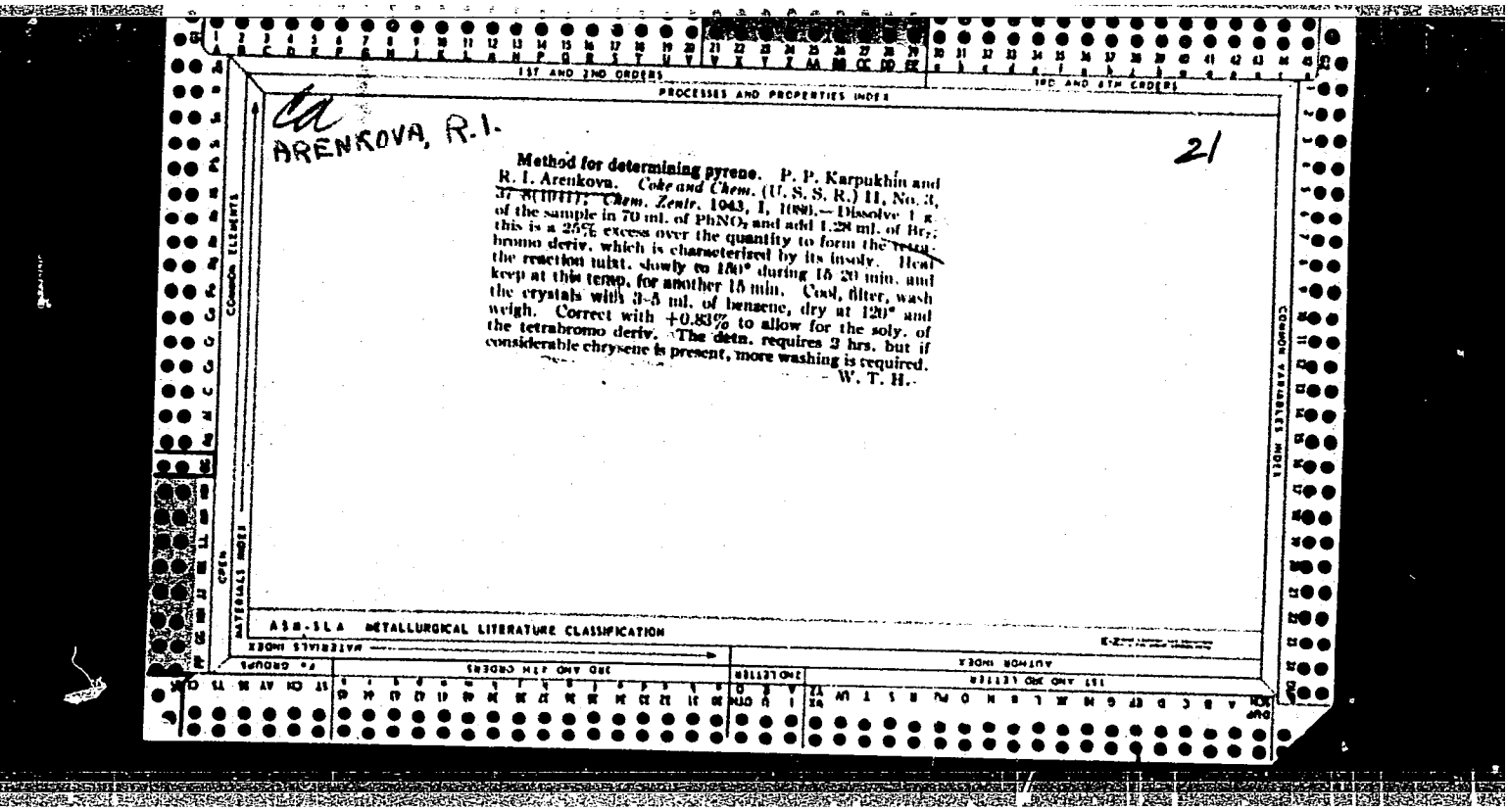
CA

ARENKOVA, D N.

IID

Acenaphthene-induced tetraploidy in muskmelons. D. N. Arenkova. *Compt. rend. acad. sci. U. R. S. S.* 27, 1028–9(1940)(in English).—Treating *Cucumis melo* seeds with acenaphthene crystals in moist blotting paper in Petri dishes, where they were kept for 7 days (the blotting paper being remoistened every other day), led to sprouting of the seeds at the end of the period. After being potted, the treated plants first lagged in growth compared with the control plants and showed various growth irregularities, including much smaller fruits with 3 kinds of abnormal seeds, viz. (1) well-filled seeds (few) (2) shriveled seeds (many) (3) empty seeds (max. no.). 7 references.
A. H. Krappe

Markup. Exptl Sta, A-U Inst Plant Indus.



1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

ARENKOVA, R.I.

21

Method for determining pyrene. P. P. Karpukhin and R. I. Arenkova. *Coke and Chem.* (U. S. S. R.) II, No. 3, 37–8(1957); *Chem. Zentr.* 1043, I, 1080.—Dissolve 1 g. of the sample in 70 ml. of $PhNO_2$ and add 1.28 ml. of Br_2; this is a 25% excess over the quantity to form the tetra-bromo deriv. which is characterized by its insoly. Heat the reaction mixt. slowly to 180° during 15–20 min. and keep at this temp. for another 15 min. Cool, filter, wash the crystals with 3–5 ml. of benzene, dry at 120° and weigh. Correct with +0.83% to allow for the soly. of the tetrabromo deriv. The detn. requires 2 hrs. but if considerable chrysene is present, more washing is required.

– W. T. H.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AREMKOVA, R. I.

23304 Vydeleniye Fluorantena 12 Fraktsii Kamennougol'nogo Masla i Ego Ochistka. Trudy Khar'k. Khim.-Tekhnol. In-ta im. Kirova, Vyp. 7, 1949, c. 149-53.

SO: LETOPIS' NO. 31, 1949

1. POLETAYEV, T.: ARENS, A.: BARMASH, A.

2. USSR (600)

4. Tongue

7. Salting tongues through the vascular system. Mias. ind. SSSR 23 no. 6, 1952.

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

BARMASH, A., kandidat tekhnicheskikh nauk; DYKLOP, V., kandidat biologicheskikh nauk; ARENS, A.

Canned ham production. Mias.ind.SSSR 25 no.2:22-26 '54. (MLRA 7:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Barmash and Dyklop). 2. Rizhskiy myasokonservnyy kombinat (for Arens). (Meat, Canned)

ARENS, A.; LEBEDEVA, R.

Using the appendix and parts of the intestines in the production of high-quality sausage. Mias. ind. SSSR 29 no.2:51 '58.
(MIRA 11:5)

1.Rizhskiy myasokonservnyy kombinat.
(Sausage casings)