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SOV/3449

What Centrifugal Casting Is

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Changed immunological specificity of brain proteins in acute traumatic edema and edematous swelling of tumoral origin. Biul. eksp.biol.i med. 57 no.5:36-39 My '64. (MIRA 18:2)

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Fly control and its organization in Uzbekistan. Med.zhur.Uzb. no.3:3-14 Mr '62. (MIRA 15:12)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta Ministerstva zdravookhraneniya SSSR (dir. - prof. V.I.Vashkov) i sanitarno-epidemiologicheskoy organizatsii Uzbekistana (glavnyy gosudarstvennyy sanitarnyy inspektor-kand.med.nauk K.S.Zairov).
(UZBEKISTAN--FLIES--EXTERMINATION)

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Air pollution in Tashkent and ways of reducing it. Med. zhur. Uzb. no. 9:20-25 S '60. (MIRA 13:10)
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Methods of constructing mercury-arc rectifiers. Elek. i tepl. tiaga 2 no.8:28-29 Ag '58. (MIRA 11:9)

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(Mercury-arc rectifiers)

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(SKIN GRAFTING) (INFANTS (NEWBORN)--SURGERY)

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Clearing fruit and berry juices and wines. D. I. Shamis and L. D. Lyugaeva. *Vinodelie i Vinogradarstvo S.S.S.R.* 6, No. 9, 11-13(1940).—An ext. of *Aspergillus niger* and one of *B. fulvineus* were tried for clearing fruit must (apple, apricot, prune). Nonfermented juice was cleared with the fungus ext. Fermented juice or juice contg. 5% or more of alc. was not cleared by the addn. of the ext. Best results were obtained with a hot, approx. 60° agar soln. Passing an elec. current through fruit and berry wines did not clear them. M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

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G. M. Kosolapoff

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Stability to alcohol and alcohol-formative ability of yeast. D. L. Shamis and L. E. Medvedeva. *Izvest. Akad. Nauk Kazakh. S.S.R., Ser. Mikrobiol.* No. 1, (Whole No. 62), 95-8(1949).—Expts. with several yeast strains indicate that there is no correlation between the resistance of yeast to EtOH and their ability to form EtOH. To a large extent the latter property depends on the sugar concn. in the medium. G. M. Kosolapoff

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Microb-s in ir daily life Alma-Ata, Izd-vo Akademii nauk Kazakskoi SSR, 1950. 24 p.

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[illegible] and [illegible], [illegible].

"The Effect of Penicillin on Beer Sarcina", Iz Ak Nauk Kazakh SSR, Ser Mikrobiol, No1, pp 52-56, 1951.

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SO: MIKROBIOLOGIA, Vol. 20, No. 1, Jan/Feb 51.

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Kazakh U. im. Kirov, Alma-Ata

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478 Mikroorganizmy v zemled elii ' Alma-Ata.
izd-vo Akad. nauk- kazssr. 1954. 38s. s ill. 20sm.
(akad. nauk kazakh. ssr). 5.000 ekz. 70k.-bibliogr: s.
36.-/ 54-55260/ p 631.46+631.847.2+/ 016.3/

SO:Knizhnaya Letopis, Vol. 1, 1955

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SHAMIS, D. I.

(2)

The methods for the control of microbiological process in fermentation industries. D. L. Shamis. *Izvest. Akad. Nauk Kazakh. S.S.R. No. 127, Ser. Fiziol. i Med. No. 3,* 5-19(1954)(in Russian).—Three main methods of control of microbiol. processes in yeast are discussed, with exptl. data. These are the elective method of Vinogradskii based on the compn. of the nutrient medium, the pretreatment method of the yeast, and the microbial antagonism method. It was shown that the intensity of alc. fermentation depends on the ratio of the C and N nutritional compds. in the medium, indicating that both N and C metabolism are part of one whole process. Yeast pretreated by culturing in yeast autolyzate produce more effective fermentation, contain more N, and yield more EtOH than do the normal yeast organisms.

G. M. Kosolapoff

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USSR / Microbiology - Industrial Microbiology. F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38397.

Author : Shamis, D. L., Tyutenkova, N. L., Medvedeva, L. E.

Inst : Not given.

Title : Conditions for Preserving Fermentation Activity of Molasses-Alcohol Yeasts.

Orig Pub: Tr. In-ta mikrobiol., i virusol. AN KazSSR, 1956, 1, 96-105.

Abstract: It was established that the "ya" race of the industrial culture Saccharomyces cerevisiae divides, as influenced by varied production conditions, into two variants (smooth and wrinkled). The smooth variant possesses a greater fermentation power by comparison with the wrinkled, which, however, is capable of producing a great-

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Microflora of irrigated Sierozem soils under different tillage conditions. Trudy Inst. mikrobiol. i virus. AN Kazakh SSR 2:3-11 '58 (MIRA 11:10)
(SOILS--BACTERIOLOGY)
(TILLAGE)
(SIEROZEM SOILS)

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Studying wild reeds of Kazakhstan as raw material for the production of feed yeast and lactic acid. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:73-80 '59. (MIRA 13:2)
(ILI VALLEY--REED (BOTANY)) (YEAST) (LACTIC ACID)

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Effect of mineral elements and their ratio in the culture medium on the multiplication of feed yeast. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:86-90 '59. (MIRA 13:2)
(YEAST) (BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

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Microflora of irrigated Sierozems tilled by different methods. Report No.2. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:173-180 '59. (MIRA 13:2)
(TILLAGE) (CHILIK DISTRICT--SOIL MICRO-ORGANISMS)

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Work on the microbiology of feeds at the Academy of Sciences of the Kazakh S.S.R. Vest.AN SSSR 30 no.6:93-95 Je '60.
(MIRA 13:6)

1. Chlen-korrespondent AN Kazakhskoy SSR.
(FEEDS--BACTERIOLOGY)

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Yeast enrichment of ensilage. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 4:103-106 '61. (MIRA 14:4)
(ENSILAGE) (YEAST)

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Role of bacterial leaven in regulating the process of acid formation in ensilage. Preserving properties of lactic and acetic acids. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 5:51-57 '61. (MIRA 15:4)

(Ensilage) (Lactic acid) (Acetic acid)

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Urgent problems in the microbiology of feeds. Vest.AN Kazakh.SSR 18 no.3:14-22 Mr '62. (MIRA 15:3)

1. Chlen-korrespondent AN KazSSR.
(Ensilage) (Bacteriology, Agricultural)

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Activity of fodder yeasts under various cultivation conditions. Trudy Inst.mikrobiol.i virus.AN Kazkah.SSR 6:141-145 '62. (MIRA 15:8)

(YEAST)

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Use of microorganisms in feed production. Vest. AN SSSR 33 no.5:58-60 My '63. (MIRA 16:6)

1. Chlen-korrespondent AN Kazakhskoy SSR.
(Feeding and feeding stuffs)
(Bacteriology, Agricultural)

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Role of micro-organisms in raising the nutritive value of millet. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7: 16-21 '63 (MIRA 16:12)

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SHAMIS, D.L.; MASHEYEVA, R.Sh.; TUKIBAYEVA, A.A.

Mixed cultures of yeast used in bread baking. Report No.3. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7; 33-39 '63. (MIRA 16:12)

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Aftereffect of O_2 and H_2O_2 on the fodder yeast Candida Kp-9.
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Conditions for the formation of organic acids by pentose utilizing bacteria cultured on the prehydrolysate of reed. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7:44-47 '63. (MIRA 16:12)

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Effect of fillers on the activity of some species of yeasts of the genus Saccharomyces. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7:51-57 '63 (MIRA 16:12)

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SHAMIS, [illegible], otv. red.; [illegible], L.[illegible], red.; [illegible] A.[illegible], red.; [illegible], [illegible], red.; [illegible], M.Kh., red.; [illegible], V.V., red.

Transactions of the Conference on the Microbiology of Feed [illegible] Trudy Sovershchaniia po mikrobiologii [illegible]. Alma Ata, Izd-vo AN Kaz. SSR, 1961. 126 p.

(MIRA 17:11)

1. Soveshchaniye po mikrobiologii kormov, Alma-Ata, [illegible].
2. Institut mikrobiologii i virusologii AN KazSSR (for Karpov, Shamis).

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Izv. AN Kazakh. SSR. Ser. biol. nauk 3 no.1:44-51 Ja-F '65.
(MIRA 18:5)

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SHAMIS, D.L.; MASHEYEVA, R.Sh.; MORKOVCHENKO, L.D.; PIROGOVA, A.M.; TUKIBAYEVA, A.A.

Yeast Schizosaccharomyces Pombe in baking. Izv. AN Kazakh. SSR. Ser. biol. nauk 3 no.2:20-27 Mr-Ap '65.

(MIRA 18:5)

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ACC NR: AP7002834 SOURCE CODE: UR/0233/66/000/004/0023/0027

AUTHOR: Shamiyev, F. G.

ORG: none

TITLE: On minimum-weight design of a ring-shaped elliptic plate

SOURCE: AN AzerbSSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk, no. 4, 1966, 23-27

TOPIC TAGS: elliptic plate, ~~minimum weight design, minimum weight criterion,~~ sandwich plate, SANDWICH STRUCTURE, BENDING STRESS

ABSTRACT: The design for minimum weight of an elliptic sandwich plate with a concentric elliptic hole is discussed. The face layers of perfectly-plastic homogeneous material of variable thickness h are separated by a constant-thickness H >> h light-weight core which transmits only shear forces. The plate is clamped along its outer contour and is subjected to a uniform lateral load. The bending moments produced membrane stresses of opposite sign in the face layers. The problem is thus reduced to determining the variable thickness h such that the weight of the plate is minimum at the verge of failure. The material of the face layers follows the Tresca yield condition and the associated law of flow. Using the relationships derived by R. T. Shield (Quart. Appl. Math. 1960), expressions for the minimum-weight

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criterion, shear forces, deflections, and bending moments along the outer and inner contours of the plate are obtained, as well as for the variation of the thickness h of the face layers. Corresponding formulas for an annular sandwich plate under uniform lateral loading, fixed along its outer edge, are easily deduced. Orig. art. has: 5 figures and 27 formulas. [WA-52]

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 3994-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) MJW/JD/HW
ACC NR: AP5022579 UR/0129/65/000/009/0032/0037
669.784:539:374:620:17:669.15-194:669.26 60 57 B

AUTHOR: Blanter, M. Ye.; Shamiyev, S. Sh.
44,55 44,55

TITLE: Effect of carbon content and cold plastic deformation on the properties of hardened steels 18

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 9, 1965, 32-27

TOPIC TAGS: steel, chromium steel 18, steel heat treatment 18, thermomechanical treatment 18,44,55, steel cold deformation, low temperature treatment, steel mechanical property/Kh2 steel, 18Kh2 steel, 38Kh2 steel, 53Kh2 steel, 67Kh2 steel

ABSTRACT: The effect of low-temperature thermomechanical treatment (cold plastic deformation in the as-hardened or low-tempered condition) on the mechanical properties and structure of Kh2 18, 18Kh2 18, 38Kh2 18, 53Kh2 18 and 67Kh2 18 steels, all containing about 2% chromium and 0.019, 0.18, 0.38, 0.53, and 0.67% carbon, respectively, has been investigated. The 30-kg ingots were forged into bars 12 mm in diameter. The cars were annealed, chromium plated, austenized at 860-950C, water or oil quenched, and ground to a diameter of 8 mm or tempered at 180C for 60-90 min and then ground. The specimens were then cold drawn with 2.5-20% reduction, except for as-hardened specimens of 53Kh2 and 67Kh2 steels which were too hard. It was found that cold deformation increased the tensile and, especially, yield strengths of both as-

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L 3994-66

ACC NR: AP5022579

3

hardened and low-tempered steels in proportion to the magnitude of reduction and carbon content. At 12% reduction, the as-hardened 38Kh2 steel had a tensile strength of 256 kg/mm^2, a yield strength of 252 kg/mm^2, an elongation of 2.5%, and a reduction of area of 5%. Corresponding values for low-tempered steel were 239 kg/mm^2, 237 kg/mm^2, 5%, and 27%. After cold deformation, all low-tempered specimens had a higher ductility than as-hardened specimens. Orig. art. has: 6 figures and 2 tables. [AZ]

ASSOCIATION: Vsesoyuznyy zaochnyy mashinostroitel'nyy institut (All-Union Correspondence Institute of Machine Building) 44,55

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4119

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 32976-66 EWP(k)/EWT(m)/T/EWP(w)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6017522 (N) SOURCE CODE: UR/0148/66/000/001/0145/0148

AUTHOR: Blanter, M. Ye.; Shamiyev, S. Sh.

ORG: All-Union Correspondence Machine Building Institute (Vsesoyuznyy zaochnyy mashinostroitel'nyy institut)

TITLE: Influence of cold deformation on the mechanical properties and structure of quenched iron alloys without carbon

SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1966, 145-148

TOPIC TAGS: iron alloy, quenching, cold working, mechanical property, metallographic examination, crystal lattice dislocation, crystal lattice structure

ABSTRACT: A study was made of the effects of cold plastic deformation on the mechanical properties and fine structure of iron alloys (containing very low carbon) after quenching. Three alloys were used: N5--0.019% C, 4.83% Ni; Kh5--0.009% C, 5.10% Cr and G5--0.019% C, 5.04% Mn. After quenching from 950°C, these alloys were plastically deformed 5, 9.8, 14.5, 19 and 24% at room temperature. Mechanical properties, x-ray line broadening and prior austenitic grain structures were obtained for each steel in various stages of cold working. Mechanical strength and hardness increased significantly with deformation (245 to 265 VHN for 25% deformation G5) with G5 increasing the most and N5 the least. The higher the strength and the lower the ductility of the al-

UDC: 669.15-192-13:620.183:620.17

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L 32976-66

ACC NR: AP6017522

loy after quenching, the lower was its change in properties after cold deformation. X-ray line broadening was correlated with the increase in mechanical properties and with dislocation structure. Increases in the broadening of (220) and (110) lines were tabulated as a function of alloy and degree of cold work, and the dislocation density was calculated from the observed line broadening. The yield, ultimate strength and the proportional limit were plotted as a function of broadening factor and dislocation density, displaying perfect correlation for broadening factor and dislocation density. Orig. art. has: 5 figures, 2 tables.

SUB CODE: 11/ SUBM DATE: 09Apr65/ ORIG REF: 004/ OTH REF: 001

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 37561-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(1) IJP(c)

ACC NR: AP6012233 SOURCE CODE: UR/0129/66/000/004/0015/0018

AUTHOR: Shamiyev, S. Sh.

ORG: All-Union Correspondence Machine Building Institute (Vsesoyuznyy zaochnyy mashinostroitel'nyy institut)

TITLE: Effect of tempering on the mechanical properties and fine structure of quenched and cold-worked steels

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1966, pp. 15-18

TOPIC TAGS: steel, tempering, mechanical property, fine structure/N5 steel, 38Kh2 steel

ABSTRACT: This is a continuation of a previous investigation (Blanter, M. Ye., Shamiyev, S. Sh. MiTOM, 1965, no. 9) with the difference that it deals with the change in the mechanical properties and fine crystalline structure of steel as a function of tempering temperature. Specimens of the virtually carbon-free steels N5 (0.019% C, 4.83% Ni) and 38Kh2 (0.38% C, 1.87% Cr) were quenched from various temperatures, cold-worked (stretched to a varying extent ϵ = 24 and 12.3%) and tempered for 1 hr at temperatures of up to 500°C and higher. Their mechanical properties were investigated in an TM-4R test machine, and their fine structure,

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L 33561

ACC NR: AP6012233

examined radiographically and by means of optical and electron microscopes. Findings: at tempering temperatures above 500°C the hardness of the cold-worked specimens is lower than that of the non-cold-worked ones. Low-temperature tempering of the steels after cold working causes an increase in their strength characteristics at relatively high temperatures (up to 400-500°C) (Fig. 1); the probable reason is that the defects arising during cold working are retained up to relatively high temperatures and the carbide particles segregating during low-temperature tempering after cold working display a high dispersity. Besides, previous treatment and tempering temperature affect the fine structure: it was found that the degree of imperfection of the crystalline structure increased following cold working, as demonstrated by the broadening of the (220) lines. Thus, it may be assumed that preliminary plastic deformation (cold working -- drawing) accelerates the process of the decay of solid solutions and thereby greatly accelerates the formation of carbide nuclei and retards their growth rate, thus causing the strength characteristics of cold-worked steel to be higher for most of the tempering temperatures investigated. Orig. art. has: 2 figures.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 007/ OTH REF: 003

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

CHAPLITSKIY, Vladimir Konstantinovich [Chaplyts'kyi, V.K.]; SHAMIS, Emanuil Isaakovich; TOLCHINSKIY, A.A. [Tolchyns'kyi, A.A.], glavnyy red.; FAL'KO, Yu.G. [Fal'ko, IU.H.], red.

[Lowering building costs on collective farms] Shliakhy znyzhennia vartosti budivnytstva v kolhospakh. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.6, no.23). (MIRA 14:2)
(Farm buildings--Costs)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

KALASHNIKOV, V.I., (st. Chernovtsy); SHAMIS, I.M., glavnyy bukhgalter (st. Chernovtsy); SOLOBAYENKO, L.D., ekonomist (st. Chernovtsy)

Advanced technology of car repair and improved cost accounting. Zhel. dor. transp. 38 no.8:54-57 Ag '56. (MLRA 9:10)

1. Zamestitel' nachal'nika Chernovitskogo vagonnogo uchastka (for Kalashnikov).
(Railroads--Cars--Maintenance and repair)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

USSR/Medicine - Eye and Brain Nov/Dec 48
Cysticercosis
Medicine - Ophthalmology

"Intraocular and Brain Cysticercosis," I. P Shamis, Eye Clinic, Kiev Inst for Advancement of Doctors, 1½ pp

"Vest Oftalmol" Vol XXVII, No 6

Gives progressive detailed symptoms of this rare disease and results of laboratory tests. Pathological diagnosis was: a tapeworm of the small intestine -- ascarides; cysticercosis of the cerebrum; hypertienic syndrome; and plethora of

[redacted] 57/49T56

USSR/Medicine - Eye and Brain Nov/Dec 48
Cysticercosis (Contd)

the parenchyma. Stresses necessity of proper diagnosis to prevent resultant cerebral disease.

[redacted] 57/49T56

SHAMIS, I. P.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIS, M.Ya.

Progressive procedure for core drying. Lit.proizv. no.11:41 N '61. (MIRA 14:10)

(Coremaking)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

LI, V.P.; PASHKOV, A.B.; SHAMIS, N.S.

Investigation of the copolymerization of acenaphthylene and divinylbenzene. Plast. massy no.11:6-7 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIS, Ye., ekonomist

Ways for lowering construction costs on collective farms. Sil'. bud. 7 no.7:22-23 Jl '57. (MIRA 12:11)
(Ukraine--Construction industry--Costs)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

DASHEVSKIY, M.M.; SHAMIS, Ye.M.

Diacetylation of acenaphthene. Zhur. ob. khim. 33 no.5:1573-1576 My '63. (MIRA 16:6)

1. Odesskiy politekhnicheskiy institut.
(Acenaphthene) (Acetyl group)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SMIRNOVA-ZAMKOVA, S.Ye.; KORNEV, K.A.; BURMAKOV, A.I.; [illegible], Ye.M.

Polyamides with aromatic and heterocyclic links in the chain. Part 10: Effect of C-methylation on the properties of aliphatic-aromatic polyamides. Ukr. khim. zhur. 30 no.8:856-859 '64. (MIRA 17:11)

1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 41132-65 EWT(m)/EPF/EWP(j) Pc-4/Pr-4 RM
ACCESSION NR: AP4044549 S/0073/64/030/008/0855/0859

AUTHOR: Smirnova-Zamkova, S. Ye.; Kornov, K. A.; Burmakov, A. I.; Shamis, Ye. M.

TITLE: Polyamides with aromatic and heterocyclic chains. X. Effect of C-methylation on the properties of aliphatic-aromatic polyamides

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 8, 1964, 856-859

TOPIC TAGS: biphenylmethane, amino benzene, methylation, polyamide

ABSTRACT: Physical and chemical data are presented on the synthesis and characteristics of polyamides prepared from mixed aliphatic-aromatic diamines of which methyl groups are in the aliphatic side chain. Such polyamides are of interest because of their high stability and low hygroscopicity. The materials which were used as c-methylated amides were: 1,4(α-aminoethyl)-benzene, 4,4'-di-(α-aminoethyl)-biphenyl-methane and 4,4-di-(α-aminoethyl)-biphenyl. They were synthesized from diacetyl derivatives of corresponding hydrocarbons. Diamines were purified by vacuum distillation. In the production of polyamides,

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L 41132-65
ACCESSION NR: AP4044549

diammes were used in the form of chloride salts, obtained by passing a stream of dry HCl through an alcoholic solution of diamines. Diamine salts crystallize as dihydrates. Chloroanhydrides of dicarboxylic acids were obtained by reaction of thionyl chloride in the presence of dimethylformamide. Polyamides were synthesized by interface polycondensation at the water-organic solvent boundary. It was found that polyamides produced from C-methylated diamines are much more soluble than analogous polyamides without methyl groups. The introduction of methyl groups into the polyamide chain leads to lowering of the melting point for aliphatic dicarboxylic acid polyamides and increase of the melting point for certain polyisophthalamides. Orig. art. has: 2 tables.

ASSOCIATION: Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR (Chemical Institute of Macromolecular Compounds, Academy of Sciences UkrSSR)

SUBMITTED: 21Jun63 ENCL: 00

SUB CODE: GC NO REF SOV: 006 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIS, Ye. Ye., inzh.

Making gypsum concrete partitions and wall panels on stands. (MIRA 13:6)
Stroi. mat. 6 no.3:28-29 Mr '60.
(Gypsum) (Walls)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIS, Ye.Ye.

Three-dimensional elements with gypsum puzzolanic cement binders. Strol. mat. 10 no.5:34-35 My '64. (MIRA 17:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

[illegible], A. [illegible]; [illegible], A.G.; [illegible], [illegible], [illegible], [illegible]; [illegible]

[illegible] the optimal amount of drilling fluid to ensure the [illegible] cleaning of the well bottom. Izv. vys. ucheb. zav.; [illegible] 1:23-17 '65. (MIRA 18:2)

[illegible] institut nefti i khimii imeni M. Azizbekova [illegible]

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMLYAN, N.P.

Subclinical infectious lymphoeosinophilia. Probl. gemat. i perel. krovi 9 no.6:47-48 Je '64. (MIRA 18:2)

1. Lovozerskaya rayonnaya bol'nitsa (glavnyy vrach N.P. Shamlyan) Murmanskoy oblasti.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

[illegible] in the lesser ranges of western [illegible] AN Turk. SSR. Ser. biol. nauk no.1: (MIRA 17:9)

[illegible] parazitologii AN Turkmenskoy SSR.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMMAKOV, S.; MARKOV, G.S.

Seasonal, zonal, age and sex differences in the parasites of the Caucasian agamas of western Turkmenia. Izv. AN Turk. SSR. Ser. biol. nauk no.2:80-82 '64. (MIRA 17:6)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR i Volgogradskiy pedagogicheskiy institut.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMMAMOV, S.

Some rare species of reptiles in Turkmenia. Izv. AN Turk. SSR. Ser. biol. nauk no.6:86-88 '64. (MIRA 18:4)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMONIN, Yu.Ya.; YAN, S.A.

Solvation of paramagnetic ions in alcohol aqueous solutions studied by means of nuclear magnetic resonance of high resolution. Dokl. AN SSSR 152 no.3:677-679 S '63. (MIRA 16:12)

1. Fiziko-tekhnicheskiy institut Kazanskogo filiala AN SSSR. Predstavleno akademikom A.Ye.Arbuzovym.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

KULIYEV, S.M.; SHAMISYEV, A.A.; KULIYEV, A.E.

Effect of the hydraulic jet on well bottoms [in Azerbaijani with summary in Russian]. Azerb.nef.khoz. 38 no.1:15-17 Ja '59. (MIRA 12:4)

(Oil well drilling)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIYEV, F.G.

AID Nr. 971-28 20 May

MINIMUM WEIGHT DESIGN PLATES (USSR)

Shamiyev, F. G. IN: Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 6, 1962, 41-47.
S/233/62/000/006/003/008

A procedure in designing statically determinate and indeterminate circular annular symmetrical sandwich plates for minimum weight under uniform continuous lateral loading (symmetrical both rotationally and throughout the surface) is developed. The problem is reduced to determining a pattern in the variation in the thickness of the face sheets of the plate so that its weight will be minimum under the failure load (at the point of collapse). The material of the face layers is homogeneous (i. e., the minimum-weight design coincides with that for minimum volume), perfectly elastoplastic and is supposed to obey Tresca's yield condition and the associated plastic-flow rule. The equilibrium equation in terms of the radial and circumferential bending moments, expressions for the associated curvature rates in terms of the rate of deflection, and the rate of energy dissipation per unit volume of the face sheets as a result of plastic action are used to discuss the minimum-weight problem of sandwich plates. The design of circular

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

AID Nr. 971-28 20 May

MINIMUM WEIGHT DESIGN PLATES (Cont.)

S/233/62/000/006/003/008

annular plates under a uniform load, simply supported 1) on the outer edge, 2) on the inner edge, and 3) on both edges, is discussed, and formulas for the minimum volume of plates of constant and of variable thickness are given and compared with each other. In case 3) the volume (weight) of a variable-thickness plate is 22% less than that of one of constant thickness. [VK]

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 17737-63 EWP(r)/EWT(m)/BDS AFFTC

ACCESSION NR: AP3007314 S/0233/63/000/003/0013/0020

51

AUTHOR: Shamiyev, F. G.

TITLE: On designing minimum-weight annular plates 24

SOURCE: AN AzerbSSR. Izvestiya. Seriya fiziko-matem. i tekhn. nauk, no. 3, 1963, 13-20

TOPIC TAGS: minimum weight annular plate, sandwich plate, annular sandwich plate, asymmetrical sandwich plate, variable thickness face layer, constant thickness sandwich plate, variable thickness sandwich plate

ABSTRACT: Designing circular annular asymmetrical sandwich plates for minimum weight is discussed under more general boundary conditions than those used in a previous work of the author on the same subject (Izv. AN Azerb. SSR, seriya fiz.-mat. i tekhn. nauk, no. 6, 1962). The material of face layers and core is homogeneous (the minimum-weight and minimum-volume problems coincide), perfectly elastoplastic, obeying the Tresca yield criterion and the associated

Card 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

L 17737-63

ACCESSION NR: AP3007314

plastic-flow principle. The thickness of the core H is constant, and the thickness h of the face layers is variable, but H is always much greater than h. The volumes of statically determinate and indeterminate annular plates under continuous uniform lateral loading (rotationally symmetrical and throughout the plate) are determined for sandwich plates of variable and of constant thickness and compared with each other. The equations derived in the article cited are used in the solution. The following types of support of annular plates are discussed: clamped on the outer edge; clamped on the inner edge; clamped on both edges; simply supported on the inner edge and clamped on the outer edge; clamped on the inner edge and simply supported on the outer edge. A considerably lesser (by up to 60%) weight of variable-thickness plates is determined in each of these cases. Orig. art. has: 6 figures and 28 formulas.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 30Sep63 ENCL: 00

SUB CODE: AP NO REF SOV: 002 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIYEV, F.G.

Designing a shell of minimum weight. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.5:37-41 '63. (MIRA 17:3)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIYEV, I. Sh.

Transformation of concentrated phosphorus fertilizers in the soil. Izv. AN Azerb. SSR. Ser.biol. i med.nauk no.7:73-77 '61. (MIRA 16:7)

(FERTILIZERS AND MANURES) (SOILS--PHOSPHORUS CONTENT)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

79-28-4-17/60

AUTHORS: Shamkhal Mamedov, Aliyev, A. F.

TITLE: Investigations in the Field of Monoglycol Ethers and Their Derivatives (Issledovaniye v oblasti prostykh efirov glikoley i ikh proizvodnykh). XXXII Synthesis of Simple γ-Glycolmonoethers and Their Alkoxymethyl Derivatives (XXXII. Sintez prostykh mono= efirov γ-glikoley i ikh alkoksimetilovykh proizvodnykh)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol 28, Nr 4, pp. 923-928 (USSR)

ABSTRACT: In the present investigation the authors dealt with the synthesis of the simple glycol -1,4 - monoethers (IV), of the δ-alkoxy derivatives of the simple methyleneglycol ethers (V), and of the δ-chloric ethers.

Card 1/4

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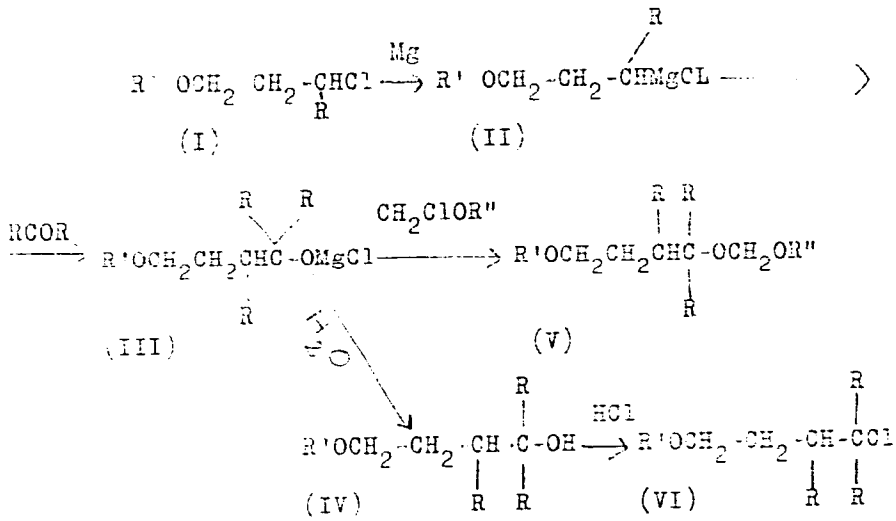
Investigations in the Field of Monoglycol Ethers and Their Derivatives. XXXII. Synthesis of Simple-β-Glycolmonoethers and Their Alkoxymethyl Derivatives 79-28-4-17/60



Card 2/4

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

Investigations in the Field of Monoglycol Ethers and Their Derivatives. XXXII. Synthesis of Simple γ-Glycolmonoethers and Their Alkoxymethyl Derivatives 79-28-4-17/60

In this investigation, the authors synthezised and investigated 17 new representatives of the diol-1,4-monoethers of the aliphatic and aliphatic-aromatic series. It was found, that the method of the organomagnesium synthesis of simple glycol ethers can also be applied in the synthesis of the δ-alkoxy derivatives of the simple methyleneglycol ethers. Moreover, 7 new representatives of the alkoxy derivatives of the simple methyleneglycol ethers were synthezised. The hydroxyl group of the diol-1,4-monoethers, which is located at the tertiary carbon atom, is easily substituted by chlorine under the action of concentrated hydrochloric acid in the presence of the catalyst (NH_4Cl + Cu_2Cl_2). δ-chloric ethers are formed as a result. 4 new representatives of δ-chloric ethers were synthezised and investigated.
There are 3 tables and 3 references, 2 of which are Soviet.

Card 3/4

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

Investigations in the Field of Monoglycol Ethers and Their Derivatives. XXXII. Synthesis of Simple Glycolmonoethers and Their Alkoxymethyl Derivatives 79-28-4-17/60

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut (Azerbaydzhan State Pedagogical Institute)

SUBMITTED: January 16, 1957

Card 4/4

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SOV/79-28-10-38/60

AUTHORS: Shamkhal Mamedov, Khydyrov, D.

TITLE: Investigation in the Field of Glycolic Ether and Its Derivatives (Issledovaniye v oblasti prostykh efirov glikoley i ikh proizvodnykh) XXXV. Synthesis of the β,γ-Dibromo Derivatives of Methylene Glycolic Ethers (XXXV. Sintez β,γ-dibromproizvodnykh prostykh efirov metilen glikolya)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 10, pp 2812 - 2816 (USSR)

ABSTRACT: Shamkhal Mamedov proposed a method of synthesizing symmetrical and unsymmetrical methylene glycolic ethers (Ref 1). In this paper this method is employed for the synthesis of the β,γ-dibromo derivatives of the methylene glycolic ethers according to the following scheme (they are not yet investigated, as it is known):

$$CH_2\begin{cases}Cl\\O\text{-}R\end{cases} + CH_2Br\text{-}CHBr\text{-}CH_2OH \xrightarrow{NaOH} CH_2(OR)\text{-}O\text{-}CH_2\text{-}CHBr\text{-}CH_2Br$$

(I) (II) (III)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

Investigation in the Field of Glycolic Ether and Its Derivatives. XXXV. Synthesis of the β,γ-Dibromo Derivatives of Methylene Glycolic Ethers SOV/79-28-10-58/60

The alcohol (II) has been insufficiently investigated and contradicting results have been obtained (Ref 2). The authors explained some problems concerning the β,γ-dibromo propyl alcohol (II), as it was used in their further syntheses as raw material. The authors carried out syntheses of the alkyl -β,γ-dibromo propyl ethers of methylene glycol (III) as they were the basic aim of the present paper. It was found that these ethers are easily formed on the action of the α-chloric ethers (I) on the alcohol (II) in the presence of 70% NaOH in benzene (yield 40%). The composition of the synthesized ethyl dibromides (III) was proved by a complete analysis, their structure by hydrolysis. This hydrolysis leads to the formation of β,γ-dibromo propyl alcohol, formic anhydride and the corresponding alcohols. To control the data obtained the ethyl dibromides (VI) were synthesized by bromination of the unsaturated alkyl allyl ethers of methylene glycol (VI) in the cold (Last Scheme). The constants of ethyl

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

Investigation in the Field of Glycolic Ether and Its Derivatives. XXXV. Synthesis of the β,γ-Dibromo Derivatives of Methylene Glycolic Ethers SOV/79-28-10-38/60

dibromide obtained, according to two different methods, agreed with each other. Thus, three new β,γ-dibromo derivatives of methylene glycolic ether were synthesized. There re 1 table; and 12 references, 2 of which are Soviet.

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut (Azerbaydzhan State Pedagogical Institute)

SUBMITTED: October 9, 1957

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMKHALOV, D.A.

Determination of the structural and mechanical properties of drilling muds. Azerb.neft.khoz. 41 no.3:20-21 Mr '62. (MIRA 15:8)

(Oil well drilling fluids)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMKHALOV, D.A.

Determination of the structural and mechanical properties of drilling fluids. Azerb.neft.khoz. 41 no.5:17-20 My '62. (MIRA 16:2)

(Oil well drilling fluids)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

MIRSAIAYEV, S.A., SHAMKHALOV, D.A., SHARUTIN, A.S.

Well drilling and side tracking in major repairing operations in aeration drilling. Sbor. nauch.-tekh. inform. Azerb. inst. nauch.-tekh. inform. Ser. Neft. prom. no.6:17-23 '63.
(MIRA 18:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMKHALOV, Sh. A., Cand Med Sci -- (diss) "Methods of forming a bony orifice in dacryocystectomy." Makhachkala, 1959. 16 pp; (Stalingrad State Medical Inst); 250 copies; price not given; (KL, 17-60, 173)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

ACC NR [illegible]

AUTHOR: [illegible] I.; [illegible]askina, G. G.; Nikitina, V. I.; Bezzubov, [illegible]

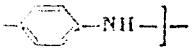
ORG: [illegible] Kiy gosudarstvennyy universitet); Institute of Organic Che[illegible] [illegible]titut organicheskiy khimii AN SSSR)

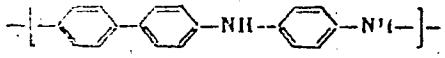
TITLE: [illegible] properties of polymers containing benzene rings and heteroatoms in the backbone

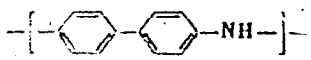
SOURCE: Vysokomolekulyarnye soyedineniya, v. 8, no. 6, 1966, 1007-1011

TOPIC TAGS: semiconducting polymer, benzene ring, imino group, degassing

ABSTRACT: A study has been made of the effect of preliminary degassing on the electrical properties of polymers containing benzene rings and NH-groups in the backbone. Polymers with the following repeat units were prepared:

1) 

2) 

3) 

Card 1/2 UDC: 678.01:53

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

BEREZOVSKIY, M.Ya., kand.sel'skokhoz.nauk; ABRAMOVA, K.A., aspirantka; MAKODZEBA, I.A., kand.sel'skokhoz.nauk; SHAMKIY, I.F., aspirant

Controlling Acroptilon picris. Zashch. rast. ot vred. i bol. 8 no.9:45-47 S '63. (MIRA 16:10)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya im. Timiryazeva (for Berezovskiy, Abramova). 2. Vsesoyuznyy institut kukuruzy, Dnepropetrovsk.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SH[illegible], A.S., inch.

Protecting rural electrical installations from lightning surge.
Mekh.sil'.hosp. 10 no.5:3[illegible]-33 My '59. (MIR [illegible]:7)
(Lightning protection) (Rural electrification)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMKUTS, A.S., inzh.-elektrik

Rainforcing and installing insulators. Mekh.sil'.hosp. 10 no.12:22 D '59. (MIRA 13:3)
(Electric insulators and insulation)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMLYAN, N.P.

Technic of rectoromanoscopy. Klin. med. 38 no. 4:146 Ap '60. (MIRA 14:1)

(RECTUM--EXAMINATION)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMLYAN, N.P.

Method for determining the osmotic resistance of erythrocytes. Lab. delo [7] no.4:12-13 Ap '61. (MIRA 14:3)

1. Lovozerskaya rayonnaya bol'nitsa Murmanskoy oblasti (glavnyy vrach L.A. Kordemskaya).
(ERYTHROCYTES)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

MYSLYAYEVA, A.V., kand. med. nauk; ZAKHVATKINA, I.A.; SVERDLOV, S.L.; ANDREYEV, I.D., dotsent; GENADINNIK, I.S., kand. med. nauk; KUZNETSOV, A.A., NIKOLAYEVA, G.V., prof.; SILAKOVA, V.V., dotsent; SHAMLYAN, N.P.; FRIDMAN, M.N., dotsent; GORBYLEV, M.N.; SIGAL, Ye.S., zasluzhennyy vrach RSFSR; KHOLOPOVA, L.N.; GABOV, A.A.; LILEYEV, V.A.; MAKAREVICH, Ya.A., kand. med. nauk; SHELEPIN, A.S.; SIMELEV, M.M.; PEVZNER, G.I.; SILAYEV, Yu.S.

Abstracts. Sovet. med. 27 no.6:140-145 Je'63 (MIRA 17:2)

1. Iz kafedry propedevtiki vnutrennikh bolezney i patologicheskoy anatomii Kazakhskogo meditsinskogo instituta (for Myslyayeva, Zakhvatkina). 2. Iz Novozybkovskoy mezhrayonnoy bol'nitsy Bryanskoy oblasti (for. Sverdlov). 3. Iz kafedry normal'noy anatomii II Moskovskogo meditsinskogo instituta (for Andreyev). 4. Iz kafedry obshchey khirurgii i kafedry rentgenologii Chelyabinskogo meditsinskogo instituta (for Genadinnik, Kuznetsov). 5. Iz kafedry propedevticheskoy terapii Ivanovskogo meditsinskogo instituta (for Nikolayeva, Silakova). 6. Iz Lovozerskoy rayonnoy bol'nitsy Murmanskoy oblasti (for Shamlyan). 7. Iz kafedry gospital'noy terapii Bashkirskogo meditsinskogo instituta i terapevticheskogo otdeleniya 8-y bol'nitsy (for

(~~Continued on next card~~)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMIYAN, N.I.

Diagnosis of diphyllobothriasis in prophylactic examinations of the population. Med.paraz. i paraz.bol. 33 no.3:351-352 My-Je '64. (MIRA 18:2)

1. Lovozerskaya rayonnaya bol'nitsa Murmanskoy oblasti.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

MARKOV, G.: SHAMMAKOV, S.

Acarians on the lizards of western Turkmenia. Izv. AN Turk.SSR.Ser. biol.nauk no.1:91-93 '65. (MIRA 18:5)

1. Institut zoologii i i parazitologii AN Turkmenskoy SSSR i Volgogradskiy pedagogicheskiy institut.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

SHAMMASOV, N.Kh.

Efficiency of a turbodrill during the rotation of its body.
Izv.vys.ucheb.zav.; neft' i gaz 5 no.4:29-31 '62. (MIRA 16:1)

1. Ufimskiy neftyanoy institut.
(Turbodrills)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001548420019-7

ACC NR: AP6032947 SOURCE CODE: UR/0363/66/002/010/1803/1810

AUTHOR: Kutolin, S. A.; Vulikh, A. I.; Druz', N. A.; Shammasova, A. Ye.
ORG: none

TITLE: Dependence of the structure and properties of the A_2BO_3 and ABO_3 compounds on the composition of the gaseous atmosphere in thermal synthesis

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 10, 1966, 1803-1810
TOPIC TAGS: ferroelectric material, antiferroelectric material, dielectric constant, physical chemistry property, refractive index

ABSTRACT:
In a recently published article, the authors [association unknown] analyzed the data from Western and Soviet literature, including their own experimental data which were published in 1964-66, on the thermal synthesis, structure, and properties of A_2BO_3 and ABO_3 compounds, where A is an alkali metal and B is Ti, Zr, Mn, Nb, or Ta.

In previous publications, the authors established the effect of the gaseous medium in which the compounds were synthesized on their structure and particle size. Now, they have made a detailed analysis of the earlier data to correlate the conditions of synthesis,

UDC: 666.3:541.6

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