

ZAKHARYCHEV, A.V.; ANANCHENKO, S.N.; TORGOV, I.V.

New variant for synthesizing steroid compounds, derivatives of estrone. Izv. AN SSSR. Ser. khim. no.11:2056-2057 N '63.

(MIRA 17:1)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

KOSHUYEV, K.K.; ANANCHENKO, S.N.; PLATONOVA, A.V.; TORGOV, I.V.

Preparation of dl-estrone and 19-norsteroids based on
3-methoxy- $\Delta^1,3,5(10), 9(11)-8,14$ -secoestra-14,17-endione.
Izv. AN SSSR. Ser. khim. no.11:2058-2059 N '63. (MIRA 17:1)

1. Institut khimii prirodnikh soedineniy AN SSSR.

VUL'FSON, N.S.; TORGOV, I.V.; ZARETSKIY, V.I.; LEONOV, V.N.; ANANCHENKO, S.N.;
ZAIKIN, V.G.

Mass spectrometric determination of the configuration of epimeric
tert. alcohols in the D-homosteroid series. Izv. AN SSSR.
Ser. Khim. no. 1:184-186 Ja '64. (MIRA 17:4)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

LEONOV, V.N.; SHAPKINA, E.V.; ANANCHENKO, S.N.; TORGOV, I.V.

Configuration of epimeric d,l-17a-alkyl-19-nor-D-homotestosterones.
Izv.AN SSSR.Ser.khim. no.2:375-377 F '64. (MIRA 17:3)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

ANANCHENKO, S. N.; TORGOV, I. V.; ZAKHARYCHEV, A. V.

"Routes: to steroid compounds with aromatic ring A."

Report presented for the 3rd Intl. Symposium on the Chemistry of
Natural Products (IUPAC), Kyoto, Japan, 12-18 April 1964.

ZARETSKIY, V.I.; VIL'FON, N.S.; SADOVSKAYA, V.I.; ANANCHENKO, S.N.; TORGOV, I.V.

Mass spectrometry of D-homoepiandrosterone, D-homoestrone, and their stereoisomers. Dokl. AN SSSR 158 no.2:385-388 S '54. (MIRA 17:10)

I. Institut khimii prirodnikh soyedineniy AN SSSR. Predstavleno akademikom M.M.Shemyakinym.

LIMANOV, V.Ye.; ANANCHENKO, S.N.; TORGOV, I.V.

Synthesis of d,l-D-homoestrone, d,l-8-iso-D-homoestrone, and
corresponding estradiols. Izv. AN SSSR. Ser. khim. no.10;
1814-1819 0 '64. (MIRA 17:12)

1. Institut khimii prirodnkh soyedineniy AN SSSR.

RECEIVED FROM: M.V. ANAN'YEV, S.M. GOROD, I.V.

Reduction of some D-hemiacetals with an aromatic ring A by alkali
metals under conditions of Birch's process. Part I. Khim. prirod. soed.
1965, 125. (MIRA 18:6)

1. Smol'tsin, I.M.; Gorbunov, V.I.; Gorbunov, V.I.; Gorbunov, V.I.; Gorbunov, V.I.
Institut Khimicheskoi Mekhaniki, Akad. Nauk SSSR, Moscow, U.S.S.R.
1965.

ZAKHARYCHEV, A.V.; LAGIDZE, D.R.; ANANCHENKO, S.N.; TORGOV, I.V.

Synthesis of 18-nor-13-alkylestrones. Izv. AN SSSR. Ser. khim. no.4:
'760 '65. (MIRA 18:5)

I. Institut khimii prirodnikh soyedineniy AN SSSR.

ZAKHARYCHEV, A.V.; ANANCHENKO, S.N.; TORGOV, I.V.

Cyclization of 3-methoxy-1,3,5(10),9(11)-8,14-secoestra-
tetraene-14,17-dione to D-homoestrone derivatives. Izv. AN
SSSR. Ser. khim. no.8:1413-1416 '65. (MIRA 18:9)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

ZAKHARYCHEV, A.V.; LIMANOV, V.Ye.; ANANCHENKO, S.D.; FLATONOVA, A.V.; TORGOV, I.V.

1-Vinyl-1,2,3,4-tetralin-1,6-diol and its condensation with
2-methyl-1,3-cyclohexanedione and 2-methyl-1,3-cyclopentanedione
into estrone derivatives. Izv. AN SSSR.Ser.khim. no.10:1809-1814
'65. (MIRA 18:10)

1. Institut khimii prirodnikh soedineniy AN SSSR.

LAGIDZE, D.R.; ANANICHENKO, S.N.; TORGOV, I.V.

Preparation of 2-alkyl-1,3-cyclopentanediols. Izv. AN SSSR, Ser.
khim. no.10:1899-1901 '65. (MIRA 18:10)

1. Institut khimii prirodnikh soedineniy AN SSSR.

PORTNOVA, S.L.; KHEZHIKOV, V.M.; ANANCHENKO, S.N.; SHEYNKER, Yu.N.;
TORGOV, I.V.

Nuclear magnetic resonance of some D-homosteroids. Dokl. AN
SSSR 166 no.1:125-128 Ja '66.

(MIRA 19:1)

1. Submitted March 27, 1965.

POSTNOV, Yu. V.; MYASNIKOV, V. G.; ULITINA, P. D. (M skva)

Effect of disorders of vascular-connective tissue permeability caused by histamine on some physiological indices of the blood anticoagulant system under experimental conditions. Arkh. pat. 26 no. 5:31-38 '64 (MIRA 18:1)

1. Patologoanatomicheskaya laboratoriya (zav. - doktor med. nauk A. M. Vikhert) Instituta terapii AMN SSSR (direktor-deystvitel'nyy chlen AMN SSSR prof. A. L. Myasnikov) i laboratoriya biokimii i fiziologii svertyvaniya krovi (zav. - prof. B. A. Kudryashov) Moskovskogo gosudarstvennogo universiteta imeni M. V. Lomonosova.

ANANCHENKO, V.G.

State of the coagulation and anticoagulation system of the blood
in various stages of hypertension. Kardiologiya 4 no.6:3-8 N-D
'64. (MIRA 18:8)

3. ~~Состояние свертывающей и фибринолитической систем крови у больных артериальной гипертензией~~

ZAKHARYCHEV, A.V.; LIMANOV, V.Ye.; ANANCHENKO, V.Ye.; PLATONOVA, A.V.;
TORGOV, I.V.

Synthesis of estrone derivatives based on
1-vinyl-1,2,3,4-tetrahydro-1,6-naphthalenedione. Izv. AN SSSR.
Ser.khim. no.9:1701 S '63. (MIRA 16:9)

1. Institut khimii prirodnaykh soedineniy AN SSSR.
(Estrone) (Naphthalenedione)

ANANCHENKOV, G.; ARTEM'YEV, I. ; MEYEROVICH, L.

Developing a group wage system in mixed brigades. Sots.trud.
5 no.8:108-112 Ag '60. (MIRA 13:11)

1. Nachal'nik otdela organizatsii truda i zarabotnoy platy
kombinata "Vorkutugol'" (for Ananchenkov). 2. Nachal'nik otdela
organizatsii truda shakhty No.40 kombinata "Vorkutugol'" (for
Artem'yev). 3. Nachal'nik planovogo otdela shakhty No.40
kombinata "Vorkutugol'" (for Meyerovich).
(Vorkuta--Coal mines and mining)
(Wage payment systems)

ANANCHENKOV, G.

Shortened working day. Mast. ugl. 9 no. 6:12 Je '60.
(MIRA 13:7)

1. Nachal'nik otdela organizatsii truda kombinata Vorkutugol'.
(Pechora Basin--Coal mines and mining) (Hours of labor)

ANANENKO, A. A.: Master Med Sci (diss) -- "The problem of the acid-base equilibrium in chronic pneumonia of older children". Moscow, 1958. 13 pp
(Order of Labor Red Banner Inst of Pediatrics of the Acad Med Sci USSR), 200 copies (FL, No 6, 1959, 141)

~~ANANTENKO, A.A.~~

Acid-base equilibrium in chronic pneumonia in older children. *Pediatrics*,
Moskva 36 no.8:52-60 Ag '58. (MIRA 12:1)

1. Iz biokhimicheskoy laboratorii klinicheskogo otdela (zav. - prof. A.N. Kvyatkovskaya) Nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR (dir. - kand.med. nauk V.N. Karachevtseva).

(PNEUMONIA, in infant and child,
acid-base equilibrium (Rus))

LEKHEDINSKAYA, T.A., kand.med.nauk; ANANENKO, A.A., kand.med.nauk

Oxygen deficiency in pneumonias in children. Report No.1.
Pediatriia no.9:11-15 '61. (MIRA 14:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta Ministerstva zdravookhraneniya RSFSR (dir. - doktor
med.nauk A.P. Chernikova). (ANOXEMIA) (PNEUMONIA)

ANANENKO, M.T.

Struggle of the Communist Party for the establishment of Soviet
public health in the Ukraine in 1918-1920. Sov.zdrav.13 no.1:33-38
Jan '54. (MIRA 712)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny
im. N.A.Semashko Akademii meditsinskikh nauk SSSR (direktor Ye.D.
Asharkov). (Ukraine--Public health) (Public health--Ukraine)

LEBEDINSKAYA, T.A., kand.med.nauk; ANANENKO, A.A., kand.med.nauk

Some ways of compensating for oxygen deficiency in pneumonias
in infants. Sov.med. 26 no.10:82-87 O '62. (MIRA 15:12)

1. Iz kliniki rannego vozrasta i biokhimicheskoy laboratorii
Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. - kand.med.nauk V.P.Spirina) Ministerstva
zdravookhraneniya RSFSR, Moskva.
(PNEUMONIA) (ANOXEMIA) (VITAMIN THERAPY)

OZEREN'SKOVSKAYA, N.Ye., doktor med. nauk; ANANEKO, A.A., kand.med.nauk;
GRESHKOVICH, V.I., vrach; ZELENETSKAYA, S.S., kand.med.nauk

Significance of some biochemical indices in the evaluation
of the nature of the course of rheumatic disease and its
activity. Vop.okh.mat. i det. 8 no.2:17-22 1963. (MIRA 16:7)

1. Iz biokhimicheskoy laboratorii i revmaticheskoy kliniki
Nauchno- issledovatel'skogo pediatricheskogo instituta (dir.
kand.med. nauk V.P.Spirina) Ministerstva zdravookhraneniya
RSFSR, Moskva.

(RHEUMATIC HEART DISEASE)
(BLOOD—ANALYSIS AND CHEMISTRY)

LEBEDINSKAYA, T.A., kand.med.nauk; ANANENKO, A.A., kand.med. nauk

Significance of methemoglobinemia in the pathogenesis of oxygen
insufficiency in pneumonia in children. *Pediatrics* 4 no.7:
32-37 J1'63 (MIRA 16:12)

1. Iz Kliniki rannego vozrasta (zav. - prof. N.R.Shastin) i
biokhimicheskoy laboratorii (zav. - doktor med. nauk N.Ye.
Ozoretzkovskaya) Nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. - kand.med. nauk V.P.Spirina) Ministerstva
zdoravookhraneniya RSFSR.

STAROSHEL'TSEVA, L.K.; OJERETSKOVSKAYA, N.Ye.; EDEL'MAN, Z.I.;
ANANENKO, A.A.; GERSHKOVICH, V.I.

Changes in the immunological properties of blood proteins in
rheumatic diseases in children. Vop. med. Khim. 9 no. 3:
239-244 My-Je '63. (MIRA 17:9)

1. Institut biologicheskoy i meditsinskoy khimii AN SSSR i
Institut pediatrii Ministerstva zdravookhraneniya RSFSR, Moskva.

LEBEDINSKAYA, T.A.; ANANENKO, A.A.

Some factors influencing the development of oxygen deficiency
in pneumonia of early childhood. *Cesk. pediat.* 20 no.3:353-357
Pr '65

1. Gosudarstvennyy nauchno-issledovatel'skiy Pediatricheskiy
institut Ministerstva Zdravookhraneniya RSFSR, g. Moskva.

ANANENKO, M. T.

Ananenko, M. T.

"The organization of public health in the Ukraine in the first years of Soviet power (1917-1920)." Min Health USSR. Inst of Organization of Public Health and the History of Medicine imeni N. A. Semashko. Moscow-Kiev, 1956. (Dissertation for the degree of Candidate in Sciences)

Knizhnaya letopis'
No. 21, 1956, Moscow

DUBROVAI, Karoly; NEPRIJAHINA, A.V. [Nepryakhina, A.V.]; ANANEV, P.G.
[Anan'yev, P.G.]; DMITREVSZKIJ, N.N. [Dmitrevskiv, N.N.]

Low-temperature oxidation cracking of mineral oil. Magy kem lap
15 no.2:54-60 F '60.

ANDREYEVICH, Ye.).

Furniture panels made of industrial wastes. Der.zhizn. 6 no.7:20-21
01 '57. (SRA 10:8)

1. Rechitskiy mebel'nyy kombinat.
(Hardboards) (Wood waste)

ANANYASHVILI, G. D.

1. GRADZELIIZE, A. M.; ANANYASHVILI, G. D.

2. USSR (60C)

4. Wood Waste

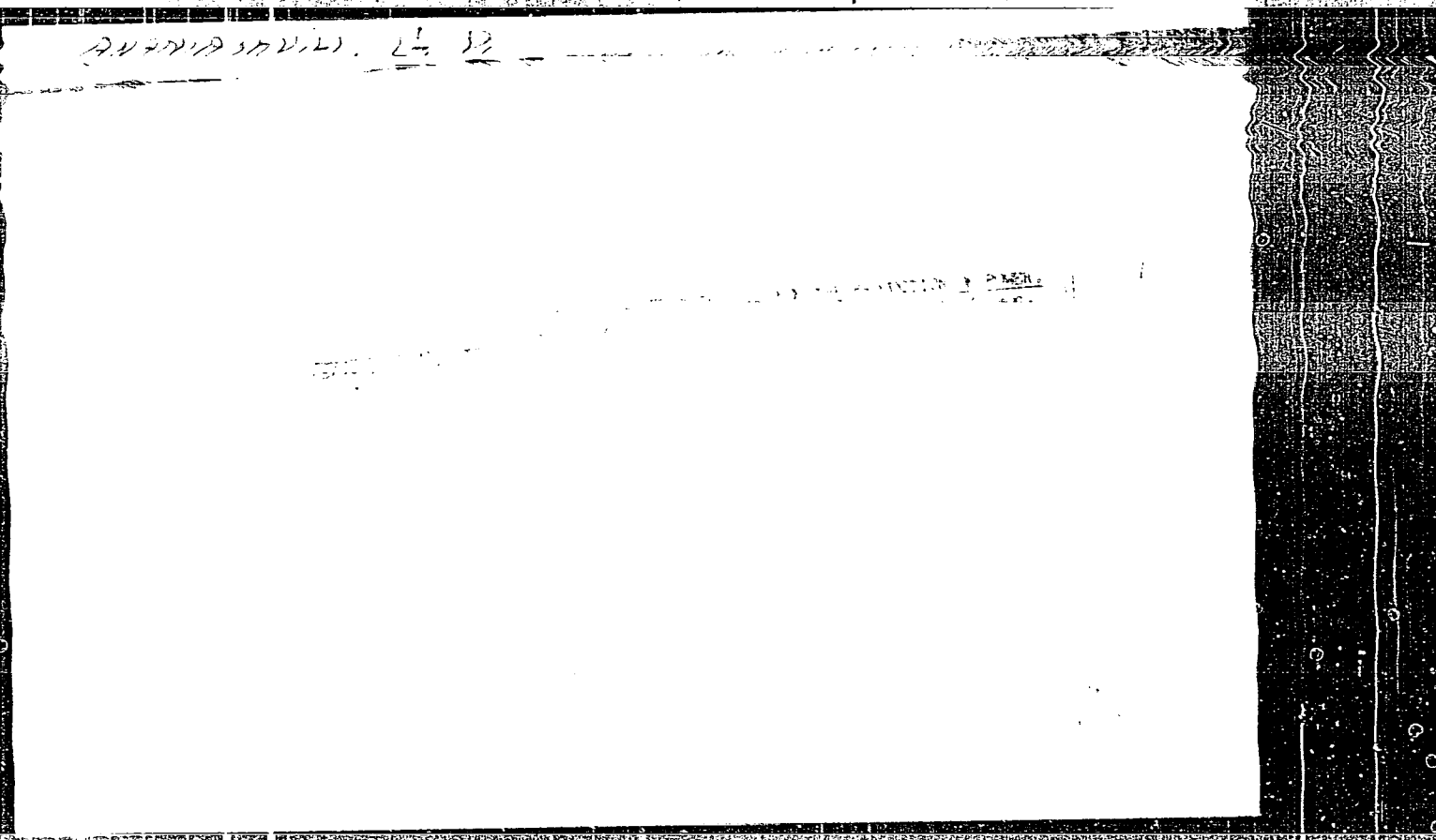
7. Obtaining methane gas for production needs from manure and other organic waste, Dost. sel'khoz., No. 1, 1953.

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

ANANIASHVILI, G.D.

Collective farm stations for producing power from organic waste
products. Biul. nauch.-tekh. inform. po elek. sel'khoz, no.1:
44-47 '56. (MLRA 10:9)

(Electric power plants)
(Methane)



ANANIASHVILI, G.D., kandidat tekhnicheskikh nauk.

Possibilities of using livestock manure as a source of heat power
in collective farm production. Dokl. Akad. sel'khoz. 22 no.1:42-48
'57. (MLRA 10:2)

1. Gruzinskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva. Predstavlena akademikom
V.A. Zheligovskim.

(Methane)

(Fertilizers and manures)

ANANIASHVILI, G.D.

Biogas, a cheap source of energy. Priroda 46 no.7:87-89 J1 '57.
(DRA 10:8)

1. Gruzinskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva, Tbilisi.
(Methane)

8 (0)

AUTHORS:

Ananiashvili, G. D., Gabashvili, N. V., SOV/105-59-11-31/32
Gortinskiy, S. M., Kurdiani, I. S., Mimikonyants, L. G.,
Syromyatnikov, I. A., Ter-Khachaturov, A. Ya., Chkheidze,
D. N., Ebin, L. Ye.

TITLE:

Ye. M. Rukhvadze (Deceased)

PERIODICAL:

Elektrichestvo, 1959, Nr 11, p 95 (USSR)

ABSTRACT:

Yegor Mikhailovich Rukhvadze died on August 9, 1959, 45 years old. After having completed his studies at the elektrotekhnicheskii fakul'tet Gruzinskogo industrial'nogo instituta (Department of Electrical Engineering of the Georgian Industrial Institute) Ye. M. Rukhvadze worked in Sevastopol' and Tbilisi in the central laboratories of the Gruzenergo. In 1948 he assisted in the organization of the Tbilisskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta elektrifikatsii sel'skogo khozyaystva (Tbilisi Branch of the All-Union Scientific Research Institute for the Electrification of Agriculture) which was later reorganized into the Gruzinskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (Georgian Scientific Research Institute for the Mechanization and Electrification of Agriculture).

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Ye. M. Rukhvadze (Deceased)

SOV/105-59-11-31/32

Since 1944 he worked at the Kafedra Tsentral'nykh elektricheskikh
stantsiy i setey Gruzinskogo politekhnicheskogo instituta ✓
(Chair of the Central Electric Power Plants and Networks of
the Georgian Polytechnic Institute). There is 1 figure.

Card 2/2

ANANIASHVILI, G.D.; BUDZKO, I.A.; BURGUCHEV, S.A.; VACHEYSHVILI, S.Ya.;
MURDIANI, I.S.; LISTOV, P.N.; METREVELI, B.I.; SAZONOV, N.A.;
SHARKISYAN, A.M.; SHKHVATSABAYA, G.Ya.; EBIN, L.Ye.

H.M. Rukhvadze. Mekh.i elek.sots.sel'khoz. 17 no.6:59 '59.
(MIRA 13:4)

(Rukhvadze, Egor Mikhailovich, 1914-1959)

ANANIASHVILI, G.D.; PAILODZE, D., red.; KHUNDADZE, Z., tekhn.red.

[Krtsanisi installation for producing methane from natural products] Krtsanisskaia bioenergeticheskaya ustanovka. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo," 1959. 44 p. (MIRA 13:8)
(Methane)

ANANIASHBILI, G. D., Doc Tech Sci -- (diss) "Bases of bioenergetics and bioenergetic construction in agriculture." Tbilisi, 1960. 43 pp; (Ministry of Agriculture Georgian SSR, Georgian Order of Labor Red Banner Agricultural Inst); 200 copies; price not given; list of author's work on pp 41-42 (17 entries); (KL, 27-60, 151)

ANANIASVILI, G.D.; TKEMALADZE, M., red.

[Fundamental principles of bioenergetics] Osnovnye polozheniia
bioenergetiki. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961.
124 p. (MIRA 14:11)

(Bioenergetics)

ANANIASHVILI, G.D., doktor tekhn.nauk

Biothermal water-heating equipment for livestock farms.
Mekh. i elek. sots. sel'khoz. 19 no. 4:57-58 '61.

(MIRA 14:11)

(Cattle--Watering)

ANANIASHVILI, G.D.

Lower horizons of the Miocene in the western part of the
Racha-Lechkhumi syncline. Izv. Geol. ob-va Gruz. 2 no.2:
27-39 '61 (MIRA 1787)

KOTARIYA, A.A., kand.tekhn.nauk; ANANIASHVILI, G.M., inzh.

Modernizing the electric circuit of the R-912 automatic welder.
Svar.proizv. no.5:37-38 My '65. (MIRA 18:6)

1. Tbilisskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
institut elektrosvarochnogo oborudovaniya.

IVANOV, K.A.; KODANASHVILI, V.A.; BALANCHIVADZE, G.I.; ANANIASHVILI,
S.D.; TOTIASHVILI, N.G.

Production of ammonium sulfate from acid asphalts. Trudy GPI
[Gruz.] no.5:101-106 '62. (MIRA 17:10)

RUBINSHEYN, V.Ya.; ANANICH, L.V.

Incipient interstitial extrauterine pregnancy. Akush. i gin.
39 no.5:148-149 S-0 '63. (MIRA 17:8)

1. Iz ginekologicheskogo otdeleniya Glubokskoy mezhrayonnoy
bol'nitsy (glavnyy vrach G.Ya. TSemakhov).

AUTHORS: Indenbom, V.L., Ananish, N.I.

72-58-6-5/19

TITLE: A Simple Method of Calculating the Regime of Annealing by Taking the Shape of the Product and the Properties of the Glass Into Account (Prostoy metod rascheta rezhima otzhiga s uchedom formy izdeliya i svoystv stekla)

PERIODICAL: Steklo i Keramika, 1958, Nr 6, pp. 11-16 (USSR)

ABSTRACT: The authors say that at present there are no reliable methods of calculating the annealing regime of glass products, which may e.g. be gathered from the book by V.A.Kuzyak, which contains many mistakes. This article describes a new method of calculation, which is based upon the latest theoretical and experimental research work carried out by TsNILEs for the elaboration and introduction of accelerated regimes of annealing as well as of controlling and modernizing continuous production annealing furnaces (1952-1955). Calculation is suited for the selection of the annealing regime for glass of any composition, without it being necessary to know its chemical composition and its physical properties with the exception of resistance to heat and the zone limits of annealing.

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A Simple Method of Calculating the Regime of
Annealing by Taking the Shape of the Product
and the Properties of the Glass Into Account

72-58-6-5/19

1.) Determination of initial data is carried out by a method which is contained in GOST 7328-55, as worked out by TsNILEs and in the standards VN MPSS 937-52. In order to ascertain the zone limits of annealing the polarimeter (fig. 1) is used. From the temperature curves shown (fig. 2) the zone limits may be ascertained. Standards VN MPSS 938-52 give a detailed description of this method, which is based upon that used by S.G.Lioznyanskaya and S.I.Iofe (Ref 1). The average values of resistance to heat and of the zone limits for the most-known types of industrial glass are mentioned in table 1.

2.) The purpose of annealing and permissible limits (tolerances). Optical and thermal glass is annealed in order to stabilize its structure; in the case of all other types of glass this is done merely in order to reduce residual stress to an amount that exercises practically no influence on the strength of the glass any longer.

3.) Selection of the basic parameters of the regime. The cycle of annealing consists of the following 4 stages: Heating up to annealing temperature, critical interval, slow cooling down in

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A Simple Method of Calculating the Regime of
Annealing by Taking the Shape of the Product
and the Properties of the Glass Into Account

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the zone of annealing, and complete cooling down. Fig. 3 shows a scheme for the selection of the most important parameters of the regime of annealing, which depend on the permissible temperature drop ΔT in the product. This value is expressed in table 2 as part of the resistance to heat.

4.) The drop in temperature in the glass walls. A formula (3) is given which makes it possible to convert the values given in table 2.

5.) Taking account of the shape of products. The authors refer to the work by V.L.Indenbom and B.A.Reznikov (Ref 1). When annealing products of complicated shape, ~~also~~ the parasitic temperature drops in the product itself must be taken into account, which are caused by differences in the dimensions of the glass. Formulae (4) and (5) are given for the calculation of these temperature drops.

6.) Approximative calculation of the coefficients of temperature conductivity and heat transfer. The coefficient of temperature conductivity can be assumed to amount to 0.25 cm/minute. The

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A Simple Method of Calculating the Regime of
Annealing by Taking the Shape of the Product
and the Properties of the Glass Into Account

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coefficient of the relative surface heat transfer depends on the temperature of the product and of the furnace. Furthermore, 2 formulae and an example are given for its calculation. Reference is also made to the work by N.I. Ananich. There are 3 figures, 2 tables, and 5 references, 5 of which are Soviet.

ASSOCIATION: Tsentral'naya nauchno-issledovatel'skaya laboratoriya
elektrotekhnicheskogo stekla (Central Scientific Research
Laboratory for Electrotechnical Glass)

1. Glass--Heat treatment
2. Glass--Heat transfer
3. Mathematics

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15 (2)

AUTHORS: Botvinkin, O. K., Ananich, N. I.

SOV/72-59-9-2/16

TITLE: Anomalous Double Refraction of Rays and the Glass Structure

PERIODICAL: Steklo i keramika, 1959, Nr 9, pp 6-11 (USSR)

ABSTRACT: Various scientists, among them V. L. Indenbom (Ref 1) and G. O. Bagdyk'yants (note 4), are not in agreement about the cause underlying the development of the anomalous double refraction of rays. To clarify the substance of this phenomenon, the authors of this paper carried out research work to establish the temperature influence on this phenomenon, using a polarimeter, the scheme of which is described in the paper by Indenbom and Ananich (note 7). On the basis of the curves for the dependence of the anomalous double refraction of rays on temperature, the authors endeavored to find an explanation of the causes for the development of micro-stresses in the glass types, and to characterize the structure of these glass types in connection therewith. They quote here the papers by V. V. Tarasov (Refs 8 and 9). Furthermore, 7 figures are given, showing the curves for the change in the extent of the anomalous double refraction of rays of various types of glass during their heating and cooling. The paper by O. K. Botvinkin (note 10) is mentioned in

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Anomalous Double Refraction of Rays and the Glass
Structure

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this connection. It is stated in conclusion that the anomalous double refraction of rays in inorganic types of glass is not connected with the orientation of the crystallites, but with that of the chains and other aggregates. There are 7 figures and 10 references, 7 of which are Soviet.

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15(2)
AUTHOR:

TITLE:
Glass Science at the VIII Mendeleev Congress
(Mauka o stekla na VIII Mendeleyevskom s'ezide)

PERIODICAL:

ABSTRACT:

807/72-59-5-1/23

Steklo i keramika, 1970, Nr. 5, no. 1-4 (USSR)

In the beginning of a proclamation of the VII IPS to the personnel of the building material industries for a qualitative and quantitative increase of production is mentioned. The Congress took place in Moscow in the second half of March of the current year and was devoted to the 175th anniversary of the great scientist, the Russian chemist, the outstanding chemist of the Soviet Union, the President of the Academy of Sciences, the USSR, the principal problems of the development of chemistry were discussed at the plenary meetings and the meetings of the 18 Congress sections. Professor I. I. Kitzingerokhly opened the meetings of the sub-section for glass and gave a survey of the stages of development of Soviet glass production as well as of a number of promising tasks in the field of glass technology. Moreover, the following lectures were held: Doctor Lornal (People's Republic of Hungary) investigated the structure of the top-layers of glass;

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A. I. Armutimik (II Isent Lomovet) discussed the formation of a finely dispersed crystalline phase from the glass-like phase; V. Vargin and G. D. Karpovyan (GOI) reported on absorption spectra, luminescence, and photochemical properties of cerium-glass types; A. G. Ylagov (GOI) reported on the quantitative reciprocal relations between ordered and disordered glass phases; Ye. A. Poryvayshin, Institut khimii silikatov AN SSSR (Institute of Silicate Chemistry of the USSR) discussed the recent developments in the chemistry of glass; A. I. Kizimkin, A. I. Kizimkin and M. L. Kizimkin, Institut stekla (Glass Institute) reported on the investigation of the Glass Structure by the Method of Thermal Analysis and Optical Polarization; Ye. V. Podubko (GOI) discussed the new method of electric glass melting and the melting of silicates by means of high-frequency current; Ye. C. Sitoyberg reported on stream-magnesium glasses without lead and boron for science and majolica which have been developed in the Gosdarsvenyiy mezhmno-issledovatel'skiy teratsicheskii Institut (State Scientific Research Institute of Ceramics); L. S. Kizimkina, and V. K. Kizimkin (GOI) discussed the role played by the surface protection film in the destruction of silicate glasses;

Card 2/4

G. I. Veynberg (GOI) discussed the coloring characteristics and the technology of phosphate glasses; O. V. Masurin (IIT) reported on the mobility of sodium ions in glass types of the system $\text{Na}_2\text{O}-\text{SiO}_2$; Z. A. Borova (IIT Stroynermat) discussed the process of embedding the glasses by lead oxide and silicon; L. G. Mikhaylov, Institut khimii silikatov AN SSSR (Institute of Silicate Chemistry of the USSR) discussed the recent developments in the chemistry of glass; A. I. Kizimkin, A. I. Kizimkin and M. L. Kizimkin, Institut stekla (Glass Institute) reported on the investigation of the Glass Structure by the Method of Thermal Analysis and Optical Polarization; Ye. V. Podubko (GOI) discussed the new method of electric glass melting and the melting of silicates by means of high-frequency current; Ye. C. Sitoyberg reported on stream-magnesium glasses without lead and boron for science and majolica which have been developed in the Gosdarsvenyiy mezhmno-issledovatel'skiy teratsicheskii Institut (State Scientific Research Institute of Ceramics); L. S. Kizimkina, and V. K. Kizimkin (GOI) discussed the role played by the surface protection film in the destruction of silicate glasses;

and Ye. A. Poryvayshin (IIT) discussed the production of conductive films on types of glass which contain components easily to be regenerated.

S/072/62/000/010/001/001
B101/B186

AUTHORS: Ananich, N. I., Engineer, Botvinkin, O. K.; Professor,
Corresponding Member Academy of Construction and Architecture
USSR

TITLE: Orientation effect and form birefringence in sodium boro-
silicate glasses

PERIODICAL: Steklo i keramika, no. 10, 1962, 10 - 14

TEXT: The occurrence of positive and negative anomalous birefringence
above the vitrification temperature when SiO_2 - B_2O_3 - Na_2O glass rods
are cooled and stretched simultaneously has already been reported
("Steklo", Informatsionnyy byulleten' Instituta stekla, 1958, no. 2;
Steklo i keramika, 1959, no. 9). In the present paper this effect was
studied in glass rods containing 70% SiO_2 , 23% B_2O_3 , and 7% Na_2O , a
composition which tends to demix. Glasses with a similar composition
showed the same behavior. According to the conditions of stretching
(temperature, load, rate of cooling), both negative and positive
birefringence was observed in similar compositions. Maximum negative
Card 1/3

Orientation effect and form...

S/072/62/000/010/001/001
B101/B186

birefringence occurred when the glasses were heated to 700°C, and the negative birefringence increased further when they were cooled. Some samples showed no birefringence until they were heated, whereupon negative birefringence was observed and this was increased by subsequent cooling. Hence it was concluded that in a cold state, two equal but opposite birefringences arise. As sodium borosilicate glasses which tend to demix are assumed to consist of silica skeletons penetrating each other and of the lower-melting sodium - boron component, the latter was leached out and replaced by liquids in the porous glass. When the liquid had the same refractive index as the sodium - boron component ($n_D = 1.504$), birefringence did not occur. Only negative form birefringence, caused by stretching of the silica skeleton, was observed when the liquid and the sodium - boron component had different values of n_D . Positive birefringence, which has also been observed in boric anhydrides, is due to an orientation of the structural elements of the sodium - boron component. Anomalous birefringence in microheterogeneous glasses is caused by the orientation effect of the component with the lower vitrification temperature and by form birefringence. The birefringence of glasses with a distinct chain structure depends only on the orientation of the structural elements. There are 9 figures.

Card 2/3

ANANICH, N. I.; BOTVINKIN, O. K.

"Oriented structure of inorganic glasses."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad,
16-21 Mar 64.

14
13
15
AUTHOR: Ananich, N. I. (Candidate of chemical sciences), Botvinnik, O. K. (Doctor of
chemical sciences, Mironov, M. I. (Candidate of chemical sciences)

SOURCE: S eklo i keramika, no. 1, 1965, 15-18

TOPIC TAGS: glass heat treatment; alkali glass; borosilicate glass; structural birefringence; glass manufacturing; softening point; quartz; glass structure

ABSTRACT: A method is described for the heat treatment of alkali glass, borosilicate glass, and structural birefringent glass. The method involves softening the glass in a quartz container.

Keywords: heat treatment; alkali glass; borosilicate glass; structural birefringence; glass manufacturing; softening point; quartz; glass structure

L 25260-65

ACCESSION NR: AP5002929

decrease with increasing temperature of thermal treatment. The method can be used
to determine the effects of thermal treatment on the properties of final products. The method
is applicable to a wide range of materials, including polymers, composites, and metals.

SUBMITTED: 00

ENCL: 01

HUB CODE: MT

NO REF SOV: 000

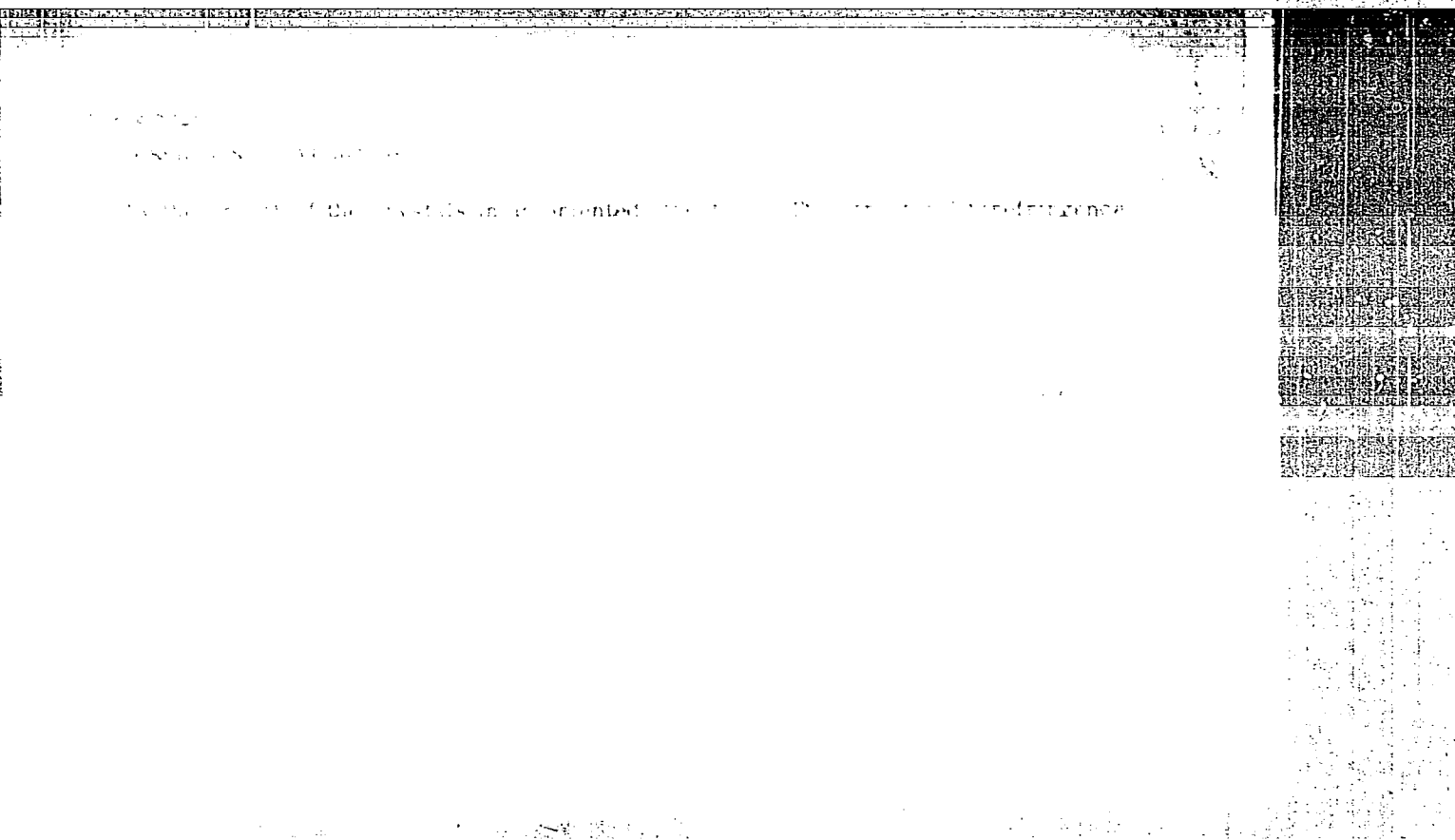
OTHER: 001

ON SEPTEMBER 1973

179 0002 125 1000 1000 1000 1000

ABSTRACT: The study was made in order to determine the possibility of the appearance of a new type of birefringence in a glass at a temperature corresponding to the softening of the glass (700°C). Hence, the birefringence of a glass plate is not to

expansion showed that the birefringence begins to rise at a temperature corresponding to the softening of the glass (700°C). Hence, the birefringence of a glass plate is not to



ARANICH, N.I., kand. khim. nauk; BOTVINKIN, O.K., doktor khim. nauk;
MIRONOVA, M.L., kand. tekhn. nauk

Determination of the zone of heat treatment of alkali borosilicate glasses. Stek. i ker. 22 no.1:15-18 Ja '65. (MIRA 18:7)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut stekla.

L 11866-66 EWT(m)/EWP(e)/EWP(b) GS/WH

ACC NR: AT6000477

SOURCE CODE: UR/0000/65/000/000/0119/0121

AUTHOR: Ananich, N. I.; Botvinkin, O. K. 51
B71

ORG: None 44.55 44.55

TITLE: Oriented structure of inorganic glasses 44

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya. Leningrad, Izd-vo Nauka, 1965, 119-121 44.55

TOPIC TAGS: thermal expansion, silicate glass, borate glass, double refraction, glass property

ABSTRACT: The thermal expansion of the glasses DV-1, ¹⁵3S-9, ¹⁵"Ionex", an experimental three-component glass (7% Na₂O, 23% B₂O₃, 70% SiO₂), and vitreous boric anhydride was studied. The samples had different structural birefringences. Changes in the character of the curve representing the thermal expansion of glasses having structural birefringence indicated that during heating, the structural elements (chains, aggregates) stretched in a certain direction contract and become disoriented, causing an irreversible contraction of the sample. A confirmation of the tendency of vitreous boric anhydride to become oriented is given by the difference observed in the photoelastic constants of isotropic and birefringent samples. Another such confirmation is provided by electron-microscopic data. In the authors' view, the phenomenon of orientation of the structural elements in inorganic glasses and

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L 11866-66

ACC NR: AT6000477

organic polymers is similar in character; for this reason, the study of orientation is of major importance for the development and refinement of concepts of the polymeric structure of inorganic glasses. The presence of birefringence in the glasses studied is another argument in favor of the concept that sodium borosilicate and other glasses have a microheterogeneous structure. Orig. art. has: 2 figures.

SUB CODE: 11, 20 / SUBM DATE: 22May65 / ORIG REF: 005 / OTH REF: 001

jw
Card 2/2

ANANICH, O. K.

ANANICH, O.K. -- "Influence of the Time of the Year on Infection."
Latvian Agricultural Academy, 1947. In Latvian
(Dissertation for the Degree of Candidate of Veterinary Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

ANANICH, O. K.

29292 Vliyaniye pitaniya na tuberkulinozuyu reaktsiyu. Izvestiya Akad. nauk
latv. SSR, 1949, No 8, s. 97-102. - Na latysh. yaz. - Rezyume na rus. yaz. -
Bibliogr: 7 nazv.

SO: Letopisi' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

BURDZGLA, N.L.; VAKHURKIN, K.A., retsenzent; VAYNSHTEYN, N.Ya., retsenzent;
MANICH, S.A., kand.tekhn.nauk, nauchnyy red.; SHERSHUKOVA, M.A.,
red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Static design of hydraulic engineering tunnels] Staticheskii
raschet gidrotekhnicheskikh tunnelei. Moskva, Gos.izd-vo lit-ry
po stroit., arkhitekt. i stroit.materialam, 1961. 194 p.
(Tunnels) (MIRA 14:6)

BUHDZHA, N.L.; VAKHURKIN, K.A., retsenzent; VAYNSHTEYN, N.Ya., retsenzent;
ANANICH, S.A., kand. tekhn. nauk, nauchnyy red.; SHERSHUKOVA, M.A.,
red. izd-va; RUDAKOVA, N.I., tekhn. red.

[Static design of hydraulic engineering tunnels] Staticheskii ras-
chet gidrotekhnicheskikh tunnelei. Moskva, Gos.izd-vo lit-ry po
stroit., arkhitekt. i stroit. materialam, 1961. 194 p. (MIRA 14:6)
(Hydraulic structures) (Tunnels)

LEVCHENKO, G.I., admiral, otvetstvennyy red.; DEMIN, L.A., dots., kand. geogr. nauk, inzh.-kontr-admiral, glavnyy red.; FRUMKIN, N.S., polkovnik, zamestitel' otvetstvennogo red.; ABAN'KIN, P.S., admiral, red.; ALAPUZOV, V.A., prof., kand. voenno-morskikh nauk, admiral, red.; ANAN'ICH, V.K., kontr admiral zapasa, red.; ACHKASOV, V.I., kand. istor. nauk, kapitan 1 ranga, red.; BARANOV, A.N., red.; BELLI, V.A., prof., kontr-admiral v otstavke, red.; BESKROVNYI, L.G., prof., doktor istor. nauk, polkovnik zapasa, red.; BOLTIN, Ye.A., kand. voen. nauk, general-mayor, red.; VERSHININ, D.A., kapitan 1 ranga, red.; VITVER, I.A., prof., doktor geogr. nauk, red.; GEL'FOND, G.M., dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red.; GLINKOV, Ye.G., inzh.-kontr-admiral v otstavke, red.; YELISEYEV, I.D., vitse-admiral, red.; ZOZULYA, F.V., admiral, red.; ISAKOV, I.S., prof., Admiral Flota Sovetskogo Soyuza, red.; KAVRAYSKIY, V.V. [deceased], prof., doktor fiz.-mat. nauk, inzh.-kontr-admiral v otstavke, red.; KALESNIK, S.V., red.; KOZLOV, I.A., dots. kand. voenno-morskikh nauk, kapitan 1 ranga, red.; KOMAROV, A.V., vitse-admiral, red.; KUDRYAVTSEV, M.K., general leytenant tekhnicheskikh voysk, red.; LYUSHKOVSKIY, M.V., dots., kand. istor. nauk, polkovnik, red.; MAKSIMOV, S.N., dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red.; OKUN', S.B., prof., doktor istor. nauk, red.; ORLOV, B.P., prof., doktor geogr. nauk, red.; PAVLOVICH, N.B., prof., kontr-admiral v otstavke, red.; PANTELEYEV, Yu.A., admiral, red.; PITERSKIY, N.A., kand. voenno-morskikh nauk, kontr-admiral, red.; PLATONOV, S.P., general-leytenant, red.; POZNYAK, V.G., dots., general leytenant, red.; SALISHCHEV, K.A., prof., doktor tekhn. nauk, (Continued on next card)

LEVCHENKO, G.I.---(continued) Card 2.

red.; SIDOROV, A.L., prof., doktor istor. nauk., red.; SKORODUMOV, L.A., kontr-admiral, red.; SNEZHINSKIY, V.A., prof., doktor voenno-morskikh nauk, inzh.-kapitan 1 ranga, red.; SOLOV'YEV, I.N., dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red.; STALBO, K.A., kontr-admiral, red.; STEPANOV, G.A. [deceased], dots., vitse-admiral, red.; TOMASHNEVICH, A.V., prof., doktor voenno-morskikh nauk, kontr-admiral v otstavke, red.; TRIBUTS, V.F., kand. voenno-morskikh nauk, admiral, red.; CHERNYSHOV, F.I., kontr-admiral, red.; SHVEDS, Ye.Ye., prof. doktor voenno-morskikh nauk, kontr-admiral, red.; CHURBAKOV, A.I., tekhn. red.; VASIL'YEVA, Z.P., tekhn. red.; VIZIROVA, G.N., tekhn. red.; GOROKHOV, V.I., tekhn. red.; GRIN'KO, A.M., tekhn. red.; KUBLIKOVA, N.M., tekhn. red.; MALINKO, V.I., tekhn. red.; SVIDERSKAYA, G.V., tekhn. red.; CHERNOGOROVA, L.P., tekhn. red.; GUREVICH, I.V., tekhn. red.; BUKHANOVA, N.I., tekhn. red.; NIKOLAYEVA, I.N., tekhn. red.; RADOVIL'SKAYA, E.O., tekhn. red.; TIKHOMIROVA, A.S., tekhn. red.; BALOCHKIN, P.D., tekhn. red.; LOYKO, V.I., tekhn. red.; ROMANYUK, I.G., tekhn. red.; YAROSHNEVICH, K.Ye., tekhn. red.

[Sea atlas] Morskoi atlas. Otv. red. G.I. Levchenko. Glav. red. L.A. Demin. [Moskva] Izd. Glav. shtaba Voennno-morskogo flota. Vol.3. [Military and historical. Pt.1. Pages 1-45] Voennno-istoricheskii. Zamestitel' otv. red. po III tomu N.S. Frumkin. Pt.1. Listy 1-1 . 1958. ____ [Military and historical maps, pages 46-52]
(Continued on next card)

LEVCHENKO, G.I.---(continued) Card 3.

Voenno-istoricheskie karty, listy 46-52. 1957.

(MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony. 2. Nachal'nik
Glavnogo upravleniya geodezii i kartografii Ministerstva vnutrennikh
del SSSR (for Baranov). 3. Chlen-korrespondent Akademii nauk SSSR
(for Kalesnik). 4. Deystvitel'nyy chlen Akademii pedagogicheskikh
nauk RSFSR (for Orlov).

(Ocean---Maps)

ANANICHEV, A. V.

The preparation of wheat tyrosine and gliadin. A. V. Ananichev. *Sbornik Nauch. Issledovatel. Rabot. Strem. Sverdlov. Sel'skokhoz. Inst.* 1953, No. 3, 243-5; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 5105.—Wheat grains were hydrolyzed by boiling for 14 hrs. in H_2SO_4 soln. The exts. were then neutralized and filtered through silica gel and evapd. to a small vol. Upon standing in the cold for 24 hrs. tyrosine crystals pptd. From 20 g. gliadin 0.51 g. of tyrosine was isolated. B. S. Levine

USSR / Farm Animals. General Problems. Q

Abs Jour : Ref Zhur Biologiya, No 2, 1959, No. 7294

Author : Ananichev, A. V.
Inst : All-Union Scientific Research Institute of
Animal Husbandry

Title : The Effect of a Surplus of Boron Contained
in Soils, Feeds and Drinking Waters upon the
Viability of Farm Animals

Orig Pub : Byul. nauchno-tokhn. inform. Vsos. n.-i. in-t,
zhivotnovodstva, 1957, [vyp.] aspirantskiy,
66-69

Abstract : It was established that soil foods and the
water of some parts of North-West Kazakhstan
contain a surplus of boron. It was observed
that sheep became sick with gastroenteritis
and pleuropneumonia and grow generally thin;

Card 1/2

ANANICHEV, A.V., Cand Bio Sci--(disc) "Impairment of the mineral metabolism in agricultural animals of the boric biogeochemical province of ~~the~~ ^{the} Northwestern Kazakhstan." Mos, 1958. 12 pp (All-Union Sci Res Inst of Animal Husbandry. Department of Biochemistry), (Kl,26-58,107)

ANANICHEV, A.V.

Digestive enzymes of fishes and seasonal variations in their activity. Biokhimiia 24 no.6:1033-1040 N-D '59. (MIRA 13:5)

1. Institute of Biology of Reservoirs, Academy of Sciences of the U.S.S.R., Borok.

(ENZYMES)

(FISH)

(PERIODICITY)

(GASTROINTESTINAL SYSTEM physiol.)

ANANICHEV, A.V.; GOMAZKOV, O.A.

Seasonal characteristics of digestion in the burbot.

Trudy Inst. biol. Vodokhran no.3:238-247 '60.

(Burbot)

(Digestion)

(MIRA 14:3)

ANANICHEV, A.V.

Boron biogeochemical province in northwestern Kazakhstan. Trudy
Biogeokhim. lab. no.11:226-231 '60. (MIRA 14:5)

... Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.
(KAZAKHSTAN—SHEEP—DISEASES)
(BORON—PHYSIOLOGICAL EFFECT)

ANANICHEV, A.V.

Comparative biochemical characteristics of some fresh-water
invertebrates and fishes. Biokhimiia 26 no. 1:18-30 Ja-F '61.
(MIRA 14:2)

1. Institute of Biology of Reservoirs, Academy of Sciences of
the U.S.S.R., Borok.
(FRESH-WATER FAUNA) (FISHES—FOOD) (BIOCHEMISTRY)

ANANNIC V, A.V. (Ananichev, A.V.)

Comparative biochemical characteristics of some fresh-water
invertebrates and fishes. Analele biol 16 no.1:51-65 Ja-F '62

ANANICHEV, A.V.; LOSHKAREV, P.M.

Quantitative determination of active substances in the seeds of
Amni majus L. Med. prom. 17 no.9:36-38 S'63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.

ANAVICHEV, A.V.

Separation of furocoumarins from the seeds of Ammi majus L.
by paper chromatography. Med. promyshl. SSSR 17 no.8:44-46
Ag'63 (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.

TRUTNEVA, Ye.A.; ANANICHEV, A.V.

Pharmacological and chemical studies on ground ivy. Farm. i toks.
27 no.4:461-462 J1-Ag '64. (MIRA 17:11)

1. Laboratoriya narodnoy meditsiny (zav. V.V. Berezhinskaya) i
laboratoriya analiticheskoy khimii (zav. P.M. Loshkarev) Vsesoyuz-
nogo nauchno-issledovatel'skogo instituta lekarstvennykh i aroma-
ticheskikh rasteniy, Moskva.

ANAN'ICHEV, K. Ia.

B. T. R.
Vol. 3 No. 4
Apr. 1954
Ceramics and Concrete

2
①
4441* Reasons for Appearance of Thread-Like Flaws in
Glass Strip. (Russian.) K. Ia. Anan'ichev. *Steklo i Keramika*,
v. 10, no. 12, Dec. 1953, p. 23-24.
States that basic cause lies in fusion of a glass-like substance
which forms on the refractory masonry. Photograph.

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1-14-54

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310014-0

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101310014-0"

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5205

Author: Anan'ichev, K. Ya.

Institution: None

Title: Causes of the Occurrence of Specks and Bubbles in Glass Strip

Original

Publication: Steklo i keramika, 1956, No 7, 27-28

Abstract: On vitrification (V) of upper channel structure, when V bodies flowing down come in contact with the main body of glass, bubbles are formed in the latter. On investigation of the cause of formation of bubbles and specks in a glass strip, it was found that near the operating machine, in the low temperature zone, at a considerable viscosity of the glass, no interaction takes place between vitrification products and glass body. Hereat is possible only an erosion process which results in the formation of waviness. Over areas more remote from the glass being drawn, the acting erosion forces are decreased,

Card 1/2

ANANICEN, H.O., podpolkovnik

Target location from a short base using monograms for the
intersection radius, Artill.shur. no.8:50-52 Ag '53.
(MIRA 13:3)

(Range finding)

ANANICHEVA, T.I., inzh.

Organization of the work of the Office of Technical Information
at enterprises of the textile industry. Opyt rab. po tekhn. in-
form. i prop. no.4:13-15 '63. (MIRA 17:1)

1. TSentral'noye byuro tekhnicheskoy informatsii soveta narodnogo
khozyaystva Verkhne-Volzhskogo ekonomicheskogo rayona.

ANANIEV, G

Case of pannyelopathy associated with metrorrhagia. Khirurgia,
Sofia 8 no.3:285-287 1955.

(BONE MARROW, diseases,

panmyelopathy with metrorrhagia.)

(MENORRHAGIA AND METORRHAGIA, complications

panmyelopathy in metrorrhagia)

ANANIEV, T.

A new conservative method for the treatment of tubal obstruction in sterile women. I. Enzymatic therapy - hydro-intubation with hyaluronidase. (Preliminary communication). Akush.ginek. (Sofia) 3 no.1:44-56 '64

*

ANANIEV, Todor.

Etiology of male sterility in Bulgaria. Akush. ginek.
(Sofia) 3 no.4:42-53 '64

ANANIEV, Todor

Postartificial insemination twins ab alieno. Akush. Ginek.
3 no. 3:92-94 '64.

ANONIE, T.

A case of bilateral thecoma associated with endometriosis.
Akush. ginek. (Sofia) 3 no.2:84-87 '64

SHTJRK/LEV, IL.; ANANIEV, T.; MIRKOV, K.; TOKIN, R.; VASILEV, Z.

14-years of the "sterility" department of the Higher Medical
Institute Obstetric and Gynecological Clinic "Maichin Dom" in
Sofia. Akush. ginek. (Sofia) 3 no.4:35-42 '64

ANANIEV, T.; PETROV, K.

On some aspects of hysterosalpingography. Akush. ginek. (Sofia)
4 no.2:115-125 '65.

1. VMI, Sofia, Katedra po akusherstvo i ginekologiya (rukovoditel:
prof. Il. Shturkalev).

RUMANIA

V.A. ANANIEV, A.K. SUBLADZE, S.V. NARSKI, I.F. BARINSKI, N.V. KAVERIN
and N.A. EVSTIGNEEVA [Affiliations not given.]

"Study of the Etiology of Infectious Hepatitis."

Bucharest, Studii si cercetari de inframicrobiologie, Vol 14, No 3,
1963; pp 261-267.

Abstract [English summary modified]: Authors' unpublished data as well as Bulgarian, other Soviet, Czech, Japanese uncited publications are reviewed in support of authors' contention that infectious hepatitis can be caused by several different viruses each having their own specific properties and only vaguely related, as to ECHO, Coxsackie and other entero- and adenoviruses, canine hepatitis virus. Human cells (renal, endothelial vascular, intestinal, Detroit-6) are best media. In some instances, disease undistinguishable from infectious hepatitis appears to have been produced by known viruses.

L1/1

ANANIEV, Petur, arkh.

Development of cultural and housing construction. Tekh delo
482:4 13 J1 '63.

ANANIEV, V.A.; SUBLADZE, A.K.; NAKSKI, S.V.; BARINSKI, I.F.;
KAVERIN, N.V.; EVSTIGNEEVA, N.A.

Study of the etiology of Botkin's epidemic hepatitis. Stud.
cercet. inframicrobil. 14 no. 3 '63.
(HEPATITIS, INFECTIOUS) (HEPATITIS VIRUSES)

ANANIEV, T.

Case of thecoma ovarii. Khirurgiia, Sofia 9 no.5:461-462
1956.

(THECA CELL TUMORS, case reports
(Bul))

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