"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKAYA, V.P. [Tul'chyns'ka, V.P.]

New antibiotics. Nauka i zhyttia 10 no.1:13 Ja '60. (MIRA 13:6)

1. Chlen-korrespondent AN USSR, zaveduyushchaya kafedroy mikrobiologii Odesskogo universiteta imeni I.I.Mechnikova.
(ANTIBIOTICS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKAYA, V. P.

USSR/Microbiology. Hemoglobinophillic Bacteria. Brucellae F-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62463

Author : Tul'chinskaya V.P., Sokolov M.P.
Inst : Odessa University
Title : Cultivation of Vaccine and Virulent Strains of Brucella.

Orig Pub : Mauch. yezhegodnik. Odessk. un-t, 1956. Odessa, 1957, 216-218

Abstract : No abstract

Card : 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

USSR/General Problems of Pathology - Allergy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4080

Author : Tul'chins'kaya, V.P.; Faytel'berg, R.O., Zhitets'kaya, L.L., Anzinye, K., Aplyak, I.V.

Inst : Odessa University.

Title : Alteration of Allergic Reactions of the Sensitized Organism Following Administration of Caffeine, Bromine and Strychnine

Orig Pub : Tr. Odessk. un-ta. Ser. biol. n., 1957, 147, No 8, 59-63

Abstract : Rabbits were sensitized with bracellosis antigen. Prolonged administration (in the course of 10-15 days) of small doses of strychnine (0.02 mg) or bromine (0.2 g/kg in the course of 20 days) produced desensitization of the rabbits. Caffeine intensified the allergic reactions, while bromides in moderate doses failed to change the reactivity.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKAYA, V.P. [Tul'chyns'ka, V.P.]

Seventieth anniversary of I.I.Mechnikov's phagocytic theory of immunity. Mikrobiol.zhur. 21 no.3:61-63 '59. (MIRA 12:10)
(PHAGOCYTOSIS hist)
(MECHNIKOV, ILIA ILICH, 1845-1916)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

VILENSKIY, Yu.B.; CHEN'KUAN-MIN [Ch'en K'uang-ming]; PATRIKEYEVA, L.F.; TUL'CHINSKAYA, Ye.I.

Eliminating distortions in the inner masking of color multilayer films. Zhur.nauch.i prikl.fot.i kin. 5 no.3: 183-186 My-Je '60. (MIRA 13:7)

1. Filial Vsesoyuznogo nauchno-issledovatel'skogo kinofoto-instituta, g.Shostka.
(Color photography)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, B.

Traumatism in the industry of France. Biul. nauch. inform.: trud i zar. plata 4 no.9:74-80 '61. (MIRA 15:1)
(France--Industrial accidents)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TULCHINSKIY, B.G.

39007
S/198/62/008/004/003/006
D407/D301

24.00

AUTHORS: Bezpal'ko, L.A., Rozenberh, L.B. and Tul'chyns'kyy, B.H. (Dnipropetrovs'k)

TITLE: On a new kind of profile for the ring section of a basket bottom

PERIODICAL: Prykladna mekhanika, v. 8, no. 4, 1962, 398 - 402

TEXT: The stresses in a spherical bottom are considered which is joined to a cylindrical container by means of a ring of a certain form; it has the shape of a surface of revolution, formed by the rotation of a lemniscate-arc. The container is subjected to the internal pressure p. It is assumed that all the components of the shell have equal thickness h, and that the length of the cylindrical part of the shell, as well as the size of the spherical part are great, as compared to the height of the ring section. The complex stresses $\bar{T}$, $\bar{T}_1$ and $\bar{T}_2$ are determined by V.V. Novozhilov's formulas ("Teoriya tonkikh obolochek" (Theory of Thin Shells), Sudpromgiz, 1951). The calculation of the 3 parts of the shell reduces to integrating the non-homogeneous linear second-order

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

differential equation with variable coefficients:

$$\frac{d^2\tilde{T}}{d\theta^2} + \left[\left(2\frac{R_1}{R_2} - 1\right)\operatorname{ctg}\theta - \frac{1}{R_1}\frac{dR_1}{d\theta}\right]\frac{d\tilde{T}}{d\theta} + i\frac{R_1^2}{R_2 c}\tilde{T} = i\frac{R_1^2}{R_2 c}\left(T_1^* + T_2^*\right), \qquad (2)$$

where R_1 and R_2 are the principal radii curvature; T_1^*, T_2^* are the meridional- and annular stresses, determined from membrane-state theory; $c = \frac{h}{\sqrt{12\,(1-\nu^2)}}$. Eq. (2) is integrated separately for each part of the shell. After transformations, one obtains for the annular part:

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$$(1 - 3x^2 - x^4 + 3x^6)\frac{d^2\tilde{T}}{dx^2} + (3x + 6x^3 + 3x^5)\frac{d\tilde{T}}{dx} +$$

$$+ i\frac{a\sqrt{2}}{c}(1 - 6x^2 + 9x^4)(1 - x^4)^{-1/2}\tilde{T} = -i\frac{a^2 p}{c}6x^2. \qquad (17)$$

Eq. (17) was solved on the digital computer "Ural-1". The integration constants in the 3 formulas for the parts, are determined from the conditions at the junction between the ring and the spherical and cylindrical parts, respectively. Thereupon the stresses and moments in each part can be found by Novozhilov's formulas. The results of calculations of a numerical example are given. These show that, for the profile under consideration, the maximum annular stresses exceed only slightly the membrane stresses. There are 2 figures and 1 table.

ASSOCIATION: Dnipropetrovs'kyy derzhavnyy universytet (Dnipropetrovs'k State University)

SUBMITTED: January 22, 1962

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

BESPAL'KO, L.A. [Bezpal'ko, L.A. (Dnepropetrovsk); ROZENBERG, L.B. (Dnepropetrovsk); TUL'CHINSKIY, B.G. [Tul'chyns'kyi, B.H.] (Dnepropetrovsk)

A new design of the annular part of a box bottom. Prykl.mekh. 8 no.4:398-402 '62. (MIRA 15:9)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Elastic plates and shells)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

SHEVLYAKOV, Yu.A.; TUL'CHINSKIY, B.G. [Tul'chyns'kyi, B.H.]

"Course of analytic mechanics" by H.N.Savin, N.A.Kylchevskyi, T.V.Putiata. Reviewed by IU.A.Shevliakov, B.H.Tul'chyns'yki. Prykl.mekh. 4 no.3:350-351 '58. (MIRA 13:8)

(Mechanics, Analytic)
(Savin, H.N.)
(Kylchevskyi, N.A.)
(Putiata, T.V.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, B.S.; ZHUKOV, A.G.

Preparing objects for an electron microscope. Prib. i tekh. eksp. 6 no.4:176-178 Jl-Ag '61. (MIRA 14:9)
(Electron microscope)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, B.S.; SATUNOVSKIY, Ya.A.

Electron microscope study of catalysts on fibrous carbon. Zav. lab. 29 no.8:962-965 '63. (MIRA 16:9)
(Catalysts) (Electron microscopy)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, B.S.; ZHUKOV, A.G.

Device for fine grinding of preparations. Prib. i tekh. eksp. 7 no.3:150 Mt-Je '62. (MIRA 15:7)
(Pulverizers) (Shock waves)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

S/120/62/000/003/035/048
E039/E135

AUTHORS: Tul'chinskiy, B.S., and Zhukov, A.G.

TITLE: Apparatus for the fine crushing of preparations

PERIODICAL: Pribory i tekhnika eksperimenta, no.3, 1962, 150-153

TEXT: Description of a simple apparatus giving more uniform and faster crushing of preparations than the ultrasonic method. Shock waves obtained as a result of an electric discharge in a liquid are used to break up the sample. In general this type of discharge produces a damped oscillation with a frequency ~10^5 c/s. The apparatus consists of an ebonite container with two electrodes and a hermetically sealed lid. The power supply is from a half wave rectifier using a step up transformer with a number of voltage tappings to vary the output voltage. A condenser is charged through a resistance and then discharged between the electrodes in the working space. Uniformity of the crushed material is helped by the additional mixing action effected by the shape of the lid. The discharge duration is of the order of milliseconds and hence has an explosive character which disrupts

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

Apparatus for the fine crushing of ... S/120/62/000/003/035/048
E039/E135

the material in the working chamber. By the use of an enclosed chamber the effect of the shock wave is enhanced and the electrode voltage can be reduced to ~1 - 2 kV (instead of 30 - 250 kV used in other systems). Typical microphotographs are given showing that carbon dust produced after 5 - 10 minutes in this apparatus is of the same order of size and more uniform than carbon dust produced by a ball mill in 60 minutes at 200 r.p.m. Other media than water can be used in the apparatus, the action of the shock waves increasing with increase in density of the liquid.
There are 7 figures.

SUBMITTED: November 11, 1961

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

27423

S/120/61/000/002/038/042
E210/E594

9,6110 (3002, 2605)

AUTHORS: Tul'chinskiy, B. S. and Yurasov, V. D.

TITLE: Humidity Sensor Based on Using a Porous Semiconducting Film

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No.2, pp.183-184

TEXT: The sensitive element is a semiconducting tin dioxide film with a porous surface produced by vacuum deposition on a porcelain core (20 x 5 x 1 mm) after preliminary drying at 150°C for 1 hour. The film porosity and thickness can be easily controlled by varying the pressure and the temperature in the vacuum chamber. Porous tin dioxide films of thicknesses between 100 and 300 Å can also be produced by pyrolysis of tin tetrachloride onto the surface of a porcelain plate heated to 800-900°C and placed in a bell into which vapours of an alcohol solution of tin tetrachloride $SnCl_4 \cdot 5H_2O$ are fed in, together with a stream of dry air. By controlling the speed of feeding-in the mixture, the degree of saturation of the mixture with tin tetrachloride vapours, the duration of the process and the air humidity, porous films of the desired thickness can be obtained. A reliable contact between

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

Humidity Sensor Based on ....

27423

S/120/61/000/002/038/042
E210/E594

the film and the electrodes is produced by vacuum deposition of thin silver and platinum electrodes. A good contact can also be obtained by soldering with indium without a flux. The dependence of the resistance (lg 1/R vs. φ,%) of the sensor on the relative humidity is plotted in Fig.1; it is reminiscent of the adsorption isotherm of water vapour on porous absorbents (A. Ya. Kuznetsov, Zh.fiz. khimii, 1959, 32, No.6, 1374). There is a jump in the electric conductivity between 30 and 40% of relative humidity, which is attributed to the beginning of capillary condensation in the pores. Absence of hysteresis indicates that the film does not interact with water. Thus, the rectilinear section of curve 1 can be applied for determining relative humidities between 40 and 95% with an accuracy of about 1% compared to psychometric measurements which were applied for calibrating the instrument. On a semilogarithmic plot the temperature dependence is practically linear; at room temperature the temperature coefficient is about 0.86%/°C. There are 2 figures and 9 references: 8 Soviet and 1 non-Soviet.

[Abstractor's Note: This is a condensed translation.]

SUBMITTED: May 18, 1960

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

Humidity Sensor Based on ....

21423
S/120/61/000/002/038/042
E210/E594

Fig.1

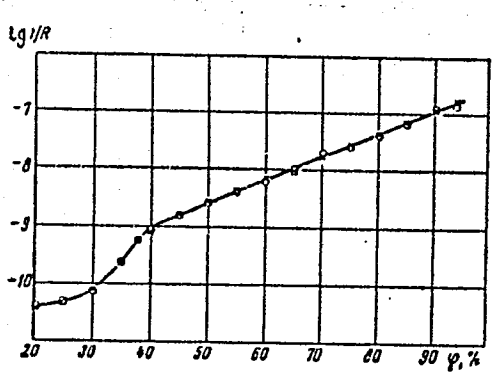
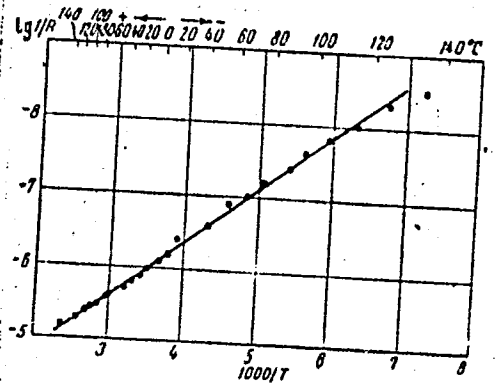


Fig.2



Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, I. M.

20132 TUL'CHINSKIY, I. M. Samoproizvul'noye otkhozhdeniye inopodnogo tela iz legkogo. Bracheb. delo, 1949, No. 6, str. 555-56

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TOL'CHINSKIY, Lev Iosifovich

N/5
752.21
.T9

PROVERKA TSEKHOVYKH I OBSHCHEZAVODSKIKH RASKHODOV PROMYSHLENNOGO PREDPRIYATIYA (CONTROL OF DEPARTMENTAL AND OVERALL EXPENSES OF INDUSTRIAL ENTERPRISES) MOSKVA, GOSFINIZDAT, 1956. 110 P. TABLES.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, L.

Possibilities for the reduction of losses in housing and communal economy. Fin.SSSR. 20 no.11:60-65 N '59.
(MIRA 12:12)

(Housing--Finance)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, L.

TUL'CHINSKIY, L.

More fully utilize local sources of income. Fin.SSSR 16 no.4:56-57 Ap '55. (MIRA 8:3)
(Rent)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, L.I. (Moskva)

Development of pharmacy in Tuva. Apt. delo 11 no.4:9-10 Jl-Ag '62. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

ZYRIN, A.V.; TUL'CHINSKIY, L.N.

Peculiarities of the magnetic measurement of ferrate parameters with a rectangular hysteresis loop. Trudy inst. Kom.stand.mer i izm. prib no.64:270-277 '62. (MIRA 16:5)
(Magnetic measurements)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

ACC NR: AP6028978

SOURCE CODE: UR/0000/66/000/000/0086/0090

AUTHORS: Frantsovich, I. N.; Tul'chinskiy, L. N.

ORG: none

47

TITLE: Investigation of the electrical properties of magnesium-manganese ferrites

SOURCE: Vsesoyuznoye soveshchaniye po ferritam. 4th, Minsk. Fizicheskiye i fizikokhimicheskiye svoystva ferritov (Physical and physicochemical properties of ferrites); doklady soveshchaniya. Minsk, Nauka i tekhnika, 1966, 86-90

TOPIC TAGS: ferrite, magnetic permeability, magnetic coercive force, electric conductivity, magnesium compound, manganese compound

ABSTRACT: Electrical properties of 11 compositions of $Mg_xMn_{1-x}Fe_2O_4$ (where x = 0, 0.1, 0.2, ...,1) were studied in detail and were related to the magnetic properties of these materials in order to clarify their phase composition and mechanism of electroconductivity. The following determinations were performed on sample material: coercive force H_c, saturation magnetization $4\pi I$, Curie temperature θ, initial magnetic permeability μ_0, specific volume resistance ρ as function of temperature. Dependence of electrical and magnetic properties upon the composition of ferrites is shown in Fig. 1. It was established that, during the slow cooling of annealed samples, the region of solid solutions occurs when x = 0.3--1.0. Ferrites with a higher manganese content ($x \leqslant 0.3$), prepared by the tempering process, also have a one-phase character. Variations of the cationic composition of ferrites have a

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

L 10755-67

ACC NR: AT6028978

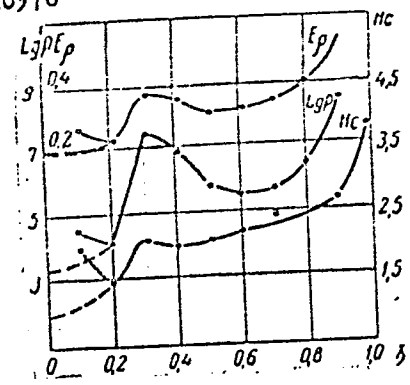

Fig. 1. Electrical and magnetic properties (lg ρ, Eρ, H_c) of magnesium-manganese ferrite as function of temperature

considerably smaller effect upon their electrical properties than the phase composition. Orig. art. has: 4 figures and 2 equations.

SUB CODE: 11/ 20/ SUBM DATE: 22Dec65/ ORIG REF: 005/ OTH REF: 003

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

FRANTSEVICH, I.N.; GUNCHENKO, A.I.; TUL'CHINSKIY, L.N.

Magnetic properties of manganese ferrites with additions of rare-earth metal oxides. Report no.1. Porosh.met. 2 no.5:55-59 S-O '62. (MIRA 15:11)

1. Institut metallokeramiki i spetsial'nykh splavov AN UkrSSR.
(Manganese ferrate--Magnetic properties)
(Rare eath metals)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M., Maj

Listed as author of article, "The Vibration Method of Sinking Rods, Pipe, and Poles Into the Ground," which appeared in Voyenno-Inzhenernyy Zhurnal, No 8, 1954. Sovetskaya Armiya, Group of Soviet Forces, Germany, 20 Aug 54

SO: SUM 291, 2 Dec 1954

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKAYA, V.P. [Tul'chyns'ka, V.P.], prof.

Allergens and allergic postvaccination reactions in brucellosis. Pratsi Od. un. Ser.biol.nauk no.8(vol.147):53-57 '57. (MIRA 12:4)

1. Chlen-korrespondent AN USSR.
(BRUCELLOSIS) (ALLERGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKAYA, V.P.

IA.IU. Bardakh's teaching of general microbiology (bacteriology) and his research activities at Novosibirsk University. Mikrobiologiia 28 no.1:140-143 Ja-F '59. (MIRA 12:3)

(BACTERIOLOGY, history,
contribution of IA.IU. Bardakh (Rus))
(BIOGRAPHIES,
Bardakh, IA. IU. (Rus))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

10

12

Effect of certain improvers on the baking properties of

flour, the time of fermentation and the quality of the bread. M. Tul'chinskii. *Sovet. Mukomol'e Khlebopechenie* 11, No. 11, 38-40(1936); *Chimie & industrie* 38, 981.—The following improvers were studied: Ca-$(H_2PO_4)_2$, Ca lactate, $CaSO_4$, K_2HPO_4 and malted barley flour. Fermentation is quicker with a mixt. of Ca-$(H_2PO_4)_2$, K_2HPO_4, $MgSO_4$ and malted barley flour; it is slightly longer with Ca lactate. Malt flour alone does not accelerate it, as compared with pure wheat flour; but on the other hand addn. of the malt flour enables the bread to keep longer. The concns. of improver used play an important part. A. P.-C.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CA

12

A rapid method for determining the moisture content of bread, yeast and other food products. M. N. Tul'chinskii and A. M. Isaikin. *Voprosy Pitaniya* 8, No. 1, 61-7 (in English, 67) (1939).—The material to be analyzed (4-5 g.) is weighed into a metallic crucible of 70-80-cc. capacity, fitted with a cover through which runs a mincing knife for breaking up the sample, and contg. a weighed amt. of sunflower seed or cottonseed oil which has previously been heated to 200-210° for 2 hrs. After the sample has been broken up the cover is partially opened and the crucible is placed in an oven at 200°. The temp. falls to 175-180°, and in the course of 2-3 min. it rises to 185°. It is kept at this temp. for 17 min., cooled and weighed. The results agree with those obtained by heating the sample at 105° to const. weight. S. A. K.

A56-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

CA

12

The preparation of malt extract and its application for improving the quality of bread. M. N. Tol'chinskii. *Khlebopekarnaya Prom.* 1939, No. 8, 10-12; *Khim. Referat. Zhur.* 1940, No. 6, 137. The application of malt extr. for improving the quality of bread is based on the increase of the activity of enzymes in the dough, which is accompanied by changes in its mech. properties and increase of the accumulation of sugar. Mix 1 part by wt. of the malt with 3 parts of tap water heated to 45°, keep for 30 min. at 40° and filter; there is obtained a 1st must that is rich in enzymes. To the residue add 2 parts of water (based on the initial amt. of malt) at 70°, saccharify and filter, to obtain a 2nd must rich in sugar, enzymes and sol. nitrogeneous substances. To the residue add water (at 90-5°) and filter, to obtain a 3rd must contg. hydrolysis products of malt. Mix the 3 musts and concentrate under 20-5 mm. of Hg (b. 30-3°). W. R. Henn

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PROCESSES AND PROPERTIES INDEX

CA

12

The content of acetylmethylcarbinol in bread and a method for its determination. M. N. Tal'chinskii. *Khlebopekarnaya Prom.* 1939, No. 7, 18-20; *Khim. Referat. Zhur.* 1940, No. 6, 130-7.—The bread was analyzed 12 hrs. after baking according to the method of Hoolt and Leeuw, based on the oxidation of acetylmethylcarbinol to biacetyl and detn. in the form of Ni dimethylglyoxime. Bread prepd. with pressed yeast contains no acetylmethylcarbinol, and bread prepd. from "liquid" yeast with the addn. of the pure yeast culture contains 1.1-4.5 mg. %, and that prepd. with the addn. of the pure yeast culture and lactic acid bacteria (group A) (*Streptobacterium plantarum*) contains 3.9-18.3 mg. % of acetylmethylcarbinol. W. R. Henn

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CH

12

Relation of flavor to active and total acidity and chemical composition in rye bread. M. N. Tul'chinskii. *Biokhimiya* 3, 640-5(1938).—All the rye bread in Leningrad is at present baked with the aid of pure cultures of lactic acid bacteria (a mixt. of 1 part of Group A, *Streptobacterium plantarum*, with two parts of Group B, *Betabacterium*). Although the bread produced by the addn. of Group A has the same titratable acidity as the bread from Group B, the flavor acidity is different, and depends on the amt. of volatile acids contained in the bread. H. Cohen

Central Laboratory, 1st Leningrad State Trust of the Baking Industry.

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Substitution of glycerol for Rochelle salt in the determination of sugar by the Bertrand method. M. N. Tul'chinskii. *J. Applied Chem.* (U. S. S. R.) 11, 707-10(in English 710)(1938).—The method of Bertrand was followed with the following reagents: 5 cc. of glycerol soln., contg. (212 g. of glycerol per l.), 15 cc. of 20% KOH soln., 20 cc. of 4% $CuSO_4.5H_2O$ and 20 cc. of the sugar sample. The results in detg. 100 mg. of sugar differed from those detd. with Rochelle salt by ±1%, while at higher concns. of sugar the difference was about 4%. To account for the difference and to permit the use of the Bertrand tables, the following equation should be used $A = a + (\pm e) + d$, where A the amt. of Cu which should be used if the Rochelle salt was used, a the amt. of Cu obtained using glycerol, and $\pm e$ the difference between the results obtained in the analyses of blanks carried out in the presence of Rochelle salt and glycerol, resp. A. A. Podgorny

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CA

12

Proteolysis of wheat flour by lactic acid bacteria in dough. M. N. Tul'chinskii (Central Lab., First State Bakery Cartel, Leningrad). *Mikrobiologiya* 19, 434-7(1950).—*Betabacterium* and *Thermobacterium* decrease sol. gluten content of dough. The most active proteolytic enzyme complex was observed in *Thermobacterium*.

Julian F. Smith

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

8

Substitution of Rochelle salt for glycerol in the sugar determination. M. N. Tul'chinskii. *Lab. Prakt.* (U. S. S. R.) 1938, No. 3, 21-5.—See *C. A.* 32, 6978[8].

W. R. Henn

COMMON ELEMENTS

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

12

Manganese and zinc contents of rye flour and bread
M. N. Tul'chinskii. *Voprosy Pitaniya* 9, No. 1/2, 44-6 (1940). In 3 lots of com. 95% rye flour the Zn content ranged from 10.5 to 13.4 p. p. m. (dry-matter basis); it was slightly higher in bread made from the flour. In the same flours Mn content was 22.1-29.3 p. p. m. or slightly higher in the bread. Differences in flour and the corresponding bread are probably due to presence of Zn and Mn in yeast and salt used in baking. J. F. Smith

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

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PROCESSES AND PROPERTIES INDEX

CA

12

The preparation of malt extract of lower proteolytic power. M. N. Tul'chinskii. *Khlebopekarnaya Prom.* 1939, No. 9, 9-10; 35-7; *Khim. Referat. Zhur.* 1940, No. 6, 137. Ext. prepd. from a malt preliminarily heated for 2 hrs. at 100° had a proteolytic power of 170 and a diastatic power of 4500 units. Malt heated to 120° had a proteolytic power of 75 and a diastatic power of 3500 units (the corresponding values for the control sample were 610 and 5400 units, resp.). Heating the 1st must enriched with enzymes at 55° for 1 hr. produced no appreciable change in the proteolytic and diastatic powers of malt ext. Heating the malt ext. at 60° decreased both the diastatic and the proteolytic powers. W. R. Hum

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CA

7

Reducing properties of some sugars when caused to react with sexivalent chromium in an alkaline medium. M. N. Ful'chinskii (Leningrad Inst. Refrigeration Dairy Ind.). *J. Applied Chem. U.S.S.R.* 23, 181–5 (1950) (Engl. translation); *Zhur. Prikład. Khim.* 23, 176–80(1950).—The relative reducing power of sugars on Cr^{VI} in alk. soln., detd. by heating 5 min. at 80° and over a boiling H_2O bath, resp., are (glucose = 100 at both temps.): mannose, 80, 72; fructose, 320, 165; maltose, 110, 102; lactose, 90, 92; and sucrose, 0, 0. Qual. tests were made by immersing tubes contg. mixts. of 2 ml. K_2CrO_4 soln. (3.24 g. K_2CrO_4 in 100 ml. H_2O), 1 ml. 2 *N* Na_2CO_3, and 1 ml. of a 0.2 *M* soln. of the sugar in boiling H_2O 5 min., cooling, and comparing the color of the soln. with that of a control (reduction changed the color from yellow to green). Quant. detns. were made by heating 20 ml. 0.05 *N* $K_2Cr_2O_7$, 5 ml. 2 *N* Na_2CO_3, and 10 ml. of the sugar soln. for 5 min., cooling rapidly, adding 15 ml. 2 *N* H_2SO_4 and 1 g. KI, leaving the mixt. in the dark 10 min., and titrating with 0.05 *N* $Na_2S_2O_3$. A linear relationship exists between the quantity of lactose present and that of Cr^{VI} reduced. E. U. Elam

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

B.A.

AIII-25

Proteolysis of wheat flour with lactic acid bacteria. M. H. Tulchinsky (*Mikrobiologia*, 1950, 19, 434—437).—Yeast flour was incubated with cultures of lactic acid bacteria, *Streptobacterium*, *Betabacterium*, and *Thermobacterium*, for 2 hr. The sol. N content was estimated and used as a measure of proteolysis, in some cases gluten content being also determined. *Betabacterium* and *Thermobacterium*, particularly the latter, cause considerable amounts of proteolysis as compared with *Streptobacterium* or baker's yeast.

D. H. SMYTH.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CA 12

Photocolorimetric method for determining small quantities of milk sugar. M. N. Tul'chinskii (Leningrad Inst. Refrigeration Dairy Ind.).—*J. Applied Chem. U.S.S.R.* 24, 193-8(1951)(Engl. translation).—See *C.A.* 46, 656a.

R. M. S.

1952

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M. N.

Central Laboratory of the First Leningrad State Trust of Baking Industry.
"Proteolysis of wheat flour by the lactic acid bacteria of the dough."
SO: MIKROBIOLOGIIA, VOL. 19, NO. 5, SEPT/OCT 1950.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CA

9

Retardation of corrosion of aluminum foil. M. N. Tul'chinskii and R. Kosova (Leningrad Inst. Refrig. & Milk Ind.). *Molochnaya Prom.* 12, No. 10, 23-5(1951).—Al foil wrapping for cheese suffers accelerated corrosion by action of atm. O and can be better preserved if the O supply is limited. A hermetic seal around the fold of the wrapping is very satisfactory. Hermetic cover over the entire package is unsatisfactory since anaerobic fermentation then commences and quality is rapidly reduced. G. M. K.

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CA

12

Photocolorimetric method of determination of small amounts of milk sugar. M. N. Tul'chinskii (Leningrad Inst. Refrig. Dairy Ind.). *Zhur. Prikład. Khim.* (J. Applied Chem.) 24, 178-84(1951); cf. *C.A.* 45, 4604b. —The previously suggested reaction with sexivalent Cr ion was examd. in detail. Heating the Cr^{6+} solns. with reducing sugars in an alk. medium gives the green color of Cr^{3+} which is detd. photocolorimetrically. The color intensity rises until alky. of the soln. (Na_2CO_3) reaches 0.4 *N*, after which it remains const. The color becomes const. after 15–20 min. of heating. Concn. of lactose *vs.* color intensity plot gives a perfect straight line. The detn. is done in test-tubes with a Se-cell photocolorimeter; the color standard can either be known lactose soln. or a color standard from inorg. salts that had been calibrated previously. The extn. of lactose from milk specimens is done with H_2O contg. 10% by vol. of 10% $Al_2(SO_4)_3$, equal vol. of 0.45 *N* NaOH, and satd. aq. NaF (for coagulation of proteins); after 15-min. standing the mixt. is filtered and 3 ml. of filtrate is taken for detn. in which it is mixed with 6 ml. 0.25 *N* K_2CrO_4 (1.6185 g. K_2CrO_4 in 100 ml. soln.), 3 ml. 2 *N* Na_2CO_3, and the soln. is heated on a steam bath 15 min. Tenths of mg. of lactose are readily detd. Other reducing sugars can be detd. in the same manner. G. M. K.

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USSR

Photoelectrometric determination of the extent of hydrolysis [illegible]

[illegible]

[illegible]

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TUL'CHINSKIY, M.N.

Photocolorimetric determination of the extent of hydrolysis of lactose. III. (MLRA 6:3)
Zhur. Priklad. Khim. 26, 204-8 '53.
(CA 47 no.22:12133 '53)

1. Inst. Refrig. and Dairy Ind., Leningrad.

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1. TUL'CHINSKII, M. N.

2. USSR (600)

4. Lactose

7. Photocolorimetric method for determining the degree of hydrolysis of lactose. Zhur. prikl. khim. 26 no. 2, 1953

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

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

Anal., Khim. 11, 742-5(1958); cf. C.A. 49, 4482a. Lac-
tose reduces CrO_4^{--} to trivalent Cr (green color), while

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MARSOV, V.A., inzh.; TUL'CHINSKIY, M.D., inzh.

Foundations of tubular piles with earth cores. Trudy TSNIIS no.56: 83-98 '65. (MIRA 18:5)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Part 7. Oxidation of aldohexoses by chromate. Izv.vys.ucheb.zav.; khim. i khim.tekh. 7 no.2:345-347 '64.

(MIRA 18:4)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti, kafedra obshchey i analiticheskoy khimii.

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TUL'CHINSKIY, M.N.

Quantitative determination of silver based on the oxidation of chromite to chromate. Izv.vys.uch.zav.; khim.i khim.tekh. 5 no.4:669-670 '62. (MIRA 15:12)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti, kafedra obshchey i analiticheskoy khimii.
(Silver--Anslysis)
(Chromates)

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TUL'CHINSKIY, M.N.

Preparation of chromium oxide hydrate hydrosol by the reduction of chromates by sugars. Koll. zhur. 27 no.5:765-766 S-O '65. (MIRA 18:10)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Oxidation of pentoses by chromate. Part 6. Zhur.ob.khim. 32 no.8:2699-2702 Ag '62. (MIRA 15:9)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.
(Pentoses) (Chromates)

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TUL'CHINSKIY, M.N.

Reducing capacity of deoxy sugars as related to their structure. Part 8. Zhur. ob. khim. 35 no.3:549 Mr '65. (MIRA 18:4)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.

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4225. VARIATIONS IN Na AND K LEVELS AND PHYSICAL PROPERTIES OF SERUM IN PERSONS WORKING IN A HOT ENVIRONMENT - Zachowanie się sodu i potasu w surowicy krwi oraz niektórych jej własciwości fizycznych u robotników pracujących w wysokich temperaturach - Tulczyński M., Boroń P., Kalicińska Z. and Kaliciński A. I. Klin. chor. Wewn. Akad. Med., Białymstok - POL. TYG. LEK. 1958, 13/33 (1261-1263) Tables 1

Serum levels of Na and K, concentrations and absolute amounts of Na and K in urine, serum protein levels and serum fluidity constant were determined in persons doing their usual work at high environmental temperatures. The subjects were 16 persons working 8 hr. in an environment below 55°C. and 8 persons occupied for one hr. in an environment at 60-70°C. Workers occupied for 8 hr. in a hot environment lost 0-0.4 kg. of weight. During that time they excreted large amounts of Na and K in the urine (381-1130 mEq. of Na and 15.0-77.2 mEq. of K). The serum Na and K levels did not change, while the protein concentration in the serum increased somewhat and the serum fluidity constant increased slightly. In the persons working one hr. in the very hot (60-70°C.) environment, the Na and K levels in the serum did not change, while the increase in serum protein concentration amounted to 2.3-10.8% of the initial value, and the loss of body weight due to loss of water and electrolytes via the skin and lungs exclusively was 1.3-1.8 kg. A considerable rise (up to 4.8) of the serum fluidity constant pointed to physical changes in the serum proteins.

(II, 17°)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

EXCERPTA MEDICA Sec 6 Vol 13/10 Internal Med Oct 59

5919. TB OF THE SPLEEN AND THE LIVER WITH HYPERSPLENISM - Gruźlica wątroby i śledziony z hipersplenismem - Tulczyński M. and Jankowski T. I.Klin. Chor. Wewn. A.M., Białymstok; II.Klin.Chir.A.M., Białymstok - POL.TYG.LEK. 1958, 13/34 (1324-1326) Tables 2

In both cases observed, leucopenia of a considerable degree, anaemia and thrombocytopenia accompanied the tb. In a 53-year-old woman with periodical fever for 2yr. a severe leucopenia reaching 600 leucocytes per ml., not receding under treatment with blood transfusions and streptomycin, was observed. Splenectomy was performed In the spleen and in the biopsy material from the liver tb was diagnosed. After splenectomy the leucopenia completely disappeared. The patient's condition improved considerably. Further treatment with streptomycin and isoniazid resulted in recovery. In the 2nd case, a 36-year-old emaciated woman, infiltration of the right lung, anaemia (2,500,000 erythrocytes), leucopenia (2,000) and enlarged spleen and liver were diagnosed. Tb of the spleen and liver was confirmed by laparoscopy. The treatment with streptomycin and isoniazid brought about rapid improvement, withdrawal of the infiltration of the lung and an increase of the body weight. In the course of 3 months the changes in the blood receded. After 8 months the patient was discharged in good health. The control examination one year afterwards did not show any morbid symptoms besides a slight enlargement of the liver.

(VI, 5, 15)

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TUL'CHINSKIY M.I.

AUTHORS: Klimenko S.D., and Tul'chinskiy M.I. 3-9-9/31

TITLE: This Was Built in 40 Years (Eto postroyeno za sorok let)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 9, pp 32-43 (USSR)

ABSTRACT: In this article the author describes the development in the construction of higher educational institutions. He treats the pre-revolutionary and the pre-war periods and then gives a description of the reconstruction and new construction of vuz buildings and material bases.

The Second World War had caused great losses. Vuzes attached to the Ministry of Higher Education, USSR, lost 1,300,000 square meters of school and living accommodations, vuz buildings at Stalingrad, Kharkov, Kiyev, L'vov, Odessa, Dnepropetrovsk, Kishinev, Minsk, Voronezh, Rostov, Riga and many others were destroyed. More than 150 vuzes required a complete reconstruction.

Immediately after the war the reconstruction of the vuzes and material bases was begun. From 1946 to 1956 the floor space of school rooms and students' quarters of vuzes was doubled. The author indicates some examples and lists the vuzes were successful rebuilding activity took place.

Card 1/2

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From 1954, special attention was also given to the construction of material bases in the Ural, Siberia, the Far East and Kazakhstan. In 1956, 26% of the general investments were set apart for new vuz construction in the eastern areas, in 1957 this figure was increased to 37%. A list of such schools is given.

In 1956 the USSR Council of Ministers authorized the ministries and departments to establish research laboratories for independent work at vuzes. The vuzes are entitled to receive subsidies, material and equipment from industry and various organizations. 50 per cent of the profits, obtained from scientific work, may be utilized for the expansion of these bases, and for the purchase of equipment and material. These measures permitted the vuzes in 1956 to expand their educational and material standing. The author finally states that more than 200 million rubles were allotted for the organization and equipment of vuz laboratories in 1957-1958.

There are four photographs.

ASSOCIATION: Ministerstvo vysshego obrazovaniya SSSR (USSR Ministry of Higher Education)

AVAILABLE: Library of Congress

Card 2/2

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TUL'CHINSKIY, M.N.

CTRSPL Vol. 5-No. 1 Jan. 1952

Tul'chinski, M.N. (Chair of General and Analytical Chemistry, Leningrad Institute of the Refrigeration and Milk Industry), Photocalorimetric method of determining small quantities of lactose, 179-84

Akademiya Nauk, S.S.S R., Doklady Vol. 74 No. 2 - 1951

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Tul'chinskiy, M.N. (Central Laboratory, First Leningrad State Trust of the Baking Industry). Proteolysis of wheat flour by the lactic acid bacteria of dough. 434-7

microbiology U.S.S.R. Mikrobiologiya Vol. 19, No 5 - 1951

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18

Apparatus for preparing plastic masses. S. Ya. Tulchinskii. Russ. 33,387, Nov. 30, 1933. For the prepn. of plastic masses from fibers and binders a cylinder is used equipped with scrapers placed in the direction of its axis.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Determining the invert sugar in honey. Izv. vys. ucheb. zav.; pishch. tekh. no.2:134-136 '60. (MIRA 14:7)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti, kafedra obshchey i analiticheskoy khimii.
(Sugar—Inversion)
(Honey)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Reducing power of some pentoses and hexoses in relation to their structure. Part 5. Zhur. ob. khim. 31 no.1:259-263 Ja '61. (MIRA 14:1)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.

(Pentoses) (Hexoses)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.N.

Photocolormetric microdetermination of simultaneously present lactose and saccharose. Zhur. anal. khim. 11 no.6:742-745 N-D '56. (MLRA 10:6)

1. Leningradskiy tekhologicheskiy institut kholodil'noy promyshlennosti.

(Lactose) (Saccharose) (Colorimetry)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

SOV/111-58-3-19/29

AUTHOR: Tul'chinskiy, M.Ye., Chief of the Ternopol' DRTS

TITLE: Proper Work Organization Is the Most Important Condition for Carrying Out the Plan for Building Rural Radio Relay and Telephone Lines (Pravil'naya organizatsiya raboty - vazhneysheye usloviye vypolneniya plana radiofikatsii i telefonizatsii sela)

PERIODICAL: Vestnik svyazi, 1958, Nr 3, pp 25 - 27 (USSR)

ABSTRACT: The author reviews the achievements made by his office in organizing the construction of wire broadcast and telephone lines in rural areas. He mentions briefly methods of financing the construction of radio relay lines and the use of semiautomatic equipment of type "UPTS" in rural telephone exchanges. There are two photos.

Card 1/1

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TUL'CHINSKIY, Mordekhay Yeyzikovich; SVITKOV, L.P., red.; ALEKSEYEVA, N.V., red.; KOZLOVSKAYA, M.D., tekhn.red.

[Qualitative problems in physics for secondary schools; a textbook for teachers] Sbornik kachestvennykh zadach po fizike dlia sredneĭ shkoly; posobie dlia uchitelia. Izd.2., perer. Moskva, Uchpedgiz, 1961. 238 p. (MIRA 15:5)

(Physics—Problems, exercises, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, M.Ye. (Kaluga)

Inculcating technical creativeness in students of grades 6-8.
Fiz.v shkole 22 no.5:79-83 S-O '62. (MIRA 15:12)
(Physical instruments)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

SHINKARENKO, I.; TUL'CHINSKIY, P.; FAYVUSOVICH, A.;

Mesh-reinforced concrete roofs for industrial buildings. Prom. stroi. i inzh. soor. 5 no.3:14-18 My-Je '63. (MIRA 16:7)

1. Glavnyy inzh. tresta "Luganskpromstroy" (for Shinkarenko).
2. Glavnnye konstruktory Luganskogo filiala Nauchno-issledovatel'skogo instituta po stroitel'svtu v yuzhnykh rayonakh SSSR.

(Roofing, Concrete)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, S.Ya.; MINDLIN, D.N.

Restoration of machine parts by means of electric metal spraying. Med.prom. 13 no.3:38-43 Mr '59. (MIRA 12:5)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets."
(MACHINERY--REPAIRING) (METAL SPRAYING)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, V.A.; DZHAGETYANTS, R.M.

For further improvement of the management of the construction for the transportation industry. Transp.stroi. 9 no.5:9-13 My '59. (MIRA 12:12)

1. Zamestitel' nachal'nika Planovo-proizvodstvennogo upravleniya (for Tul'chinskiy). 2. Nachal'nik organizatsionno-shtatnogo otdela Planovo-proizvodstvennogo upravleniya (for Dzhagetyants).
(Construction industry--Management)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, V.A.; DZHAGETYANTS, R.M.

Modifying the production capability indices and improving the wage system in building organizations of the Ministry of construction for the Transportation Industry. Transp.stroi. 10 no.4:4-7 Ap '60. (MIRA 13:9)

1. Zamestitel' nachal'nika Planovo-proizvodstvennogo upravleniya Mintransstroya (for Tul'chinskiy). 2. Nachal'nik organizatsionno-shtatnogo otdela Planovo-proizvodstvennogo upravleniya Mintransstroya (for Dzhagetyants).
(Wages) (Construction industry--Management)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

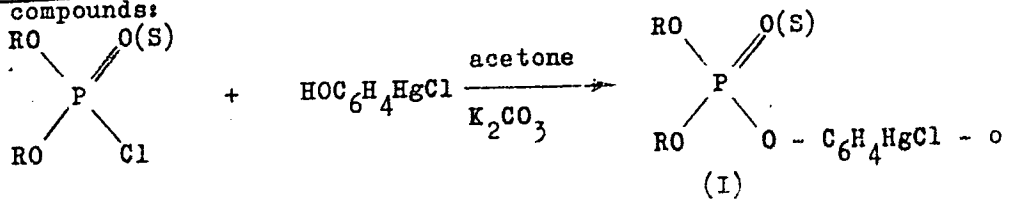
S/079/60/030/007/025/039/XX
B001/B066

AUTHORS: Malinovskiy, M. S., Yurko, D. G., and Tul'chinskiy, V. B.

TITLE: Phosphoric Acid Esters With Mercury Containing Radicals

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 7, pp. 2170-2171

TEXT: Mercury compounds are known to be most effective in the control of bacterial and fungus deseases of plants. They are distinguished by a wide range of activity and do not affect the growth of seeds treated with them. The authors wanted to synthesize compounds of type (I) which, most probably, combine the high insecticidal activity of organophosphorus compounds with the bactericidal and fungicidal activity of organomercury compounds:



Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

Phosphoric Acid Esters With Mercury Containing Radicals

S/079/60/030/007/025/039/XX
B001/B066

The authors synthesized these compounds on the basis of dialkyl chloro phosphates, dialkyl chloro thiophosphates, and o-hydroxyphenyl mercuric chloride. The latter was condensed with dialkyl chloro phosphates and dialkyl chloro thiophosphates in water, acetone, and benzene between 20° and 80°C. The resultant hydrogen chloride was bound by sodium hydroxide, triethylamine, pyridine, and potassium carbonate. This condensation proceeds best in acetone or benzene and in the presence of K_2CO_3. It takes 6 - 8 hours at low temperatures, and 1 - 2 hours between 50° and 80°; the yield of the end products decreasing considerably. The six resultant compounds, unknown so far, are presented in a table. There is 1 table.

SUBMITTED: May 21, 1959

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

YURKO, D.G., TULCHINSKIY, V.B., MASHTAK, N.I.

Certain esters of phosphoric acids with mercury containing radicals, exhibiting fungicidal action.

Khimiya i Primeneniye Fosfororganicheskikh Soyedineniy (Chemistry and application of organophosphorus compounds) A. YE. ARBUZOV, Ed. Publ. by Kazan Affil. Acad. Sci. USSR, Moscow 1962, 632 pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of Organophosphorus Compounds.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

MALINOVSKIY, M.S.; YURKO, D.G.; TUL'CHINSKIY, V.B.

Esters of phosphoric acids with mercury-containing radicals.
Zhur.ob.khim. 30 no.7:2170-2171 Jl '60. (MIRA 13:7)

(Mercury organic compounds)
(Phosphoric acid)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

RYSS, I.G.; TUL'CHINSKIY, V.B.

Second constant of the dissociation of fluophosphoric acid H_2PO_3F. Zhur.neorg.khim. 6 no.8:1856-1860 Ag '61. (MIRA 14:8)

1. Dnepropetrovskiy transportnyy institut, kafedra khimii.
(Phosphorofluoridic acid) (Dissociation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

RYSS, I.G.; TUL'CHINSKIY, V.B.

Sodium difluorophosphate. Zhur.neorg.khim. 7 no.6:1313-1315 Je '62. (MIRA 15:6)

1. Dnepropetrovskiy transportnyy institut.
(Sodium phosphates) (Fluorine compounds)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

RYSS, I.G.; TUL'CHINSKIY, V.B.

Aquation kinetics of the monofluophosphate ion. Dokl. AN SSSR 142 no.1:141-144 Ja '62. (MIRA 14:12)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta. Predstavleno akademikom A.A. Grinbergom.
(Fluophosphoric acid) (Hydrolysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

RYSS, I.G.; TUL'CHINSKIY, V.B.

Kinetics of the alkaline hydrolysis of a difluophosphate ion.
Zhur.neorg.khim. 8 no.5:1060-1063 My '63. (MIRA 16:5)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Phosphorofluoridic acid) (Hydrolysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

RYSS, I.G.; TUL'CHINSKIY, V.B.

Aquation kinetics of sodium difluophosphate. Zhur.neorg.khim. 9 no.4:831-835 Ap '64.

Kinetics of hydrolysis of the hexafluophosphate ion PF_6. Ibid.:836-840 (MIRA 17:4)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

SOV/124-58-7-7911

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 88 (USSR)

AUTHORS: Sheremet'yev, M.P., Tul'chinskiy, V.I. [Sheremetyev, M.P., Tul'chyy, V.I.]

TITLE: Some Aspects of the Flexure of Reinforced Plates. Part I: Boundary Conditions (Nekotoryye voprosy izgiba plastinok s podkrepleniyem. I. Granichnyye usloviya zadachi) [Deyaki pytannya zhynu plastynok z pidkriplennyam. I. Hranychni umovy zadachi]

PERIODICAL: Nauk. zap. L'vivsk. un-t, 1957, Vol 44, pp 29-39 (in Ukrainian)

ABSTRACT: An examination is made of the flexure of an infinite anisotropic plate weakened by a hole through it, the rim of the hole being reinforced by a thin elastic isotropic ring. It is assumed: 1) that the middle plane of the anisotropic plate is the plane of elastic symmetry, 2) that the contour of the seam formed by the juncture of the plate with the reinforcing ring has a continuously varying tangent, and 3) that the reinforcing ring is so thin that its axis can be considered as the contour of the seam formed by the juncture of the plate with said ring. The solution to the problem in question reduces to finding the two functions

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

SOV/124-58-7-7911

Some Aspects of the Flexure of Reinforced Plates. (cont.)

$\varphi_1(z_1)$ and $\psi_2(z_2)$ of the complex variables $z_1 = x + \mu_1 y$ and $z_2 = x + \mu_2 y$ [wherein μ_1 and μ_2 are the complex variables characterizing the anisotropy of the plate's material (should the material be isotropic, then $\mu_1 = \mu_2 = i$ and $z_1 = z_2 = z = x + iy$)] from the four relationships obtaining on the seam when values are given for the bending moments M_x and M_y the torque moments H_{xy} acting on the plate and for the bending moments m(s) and shearing forces p(s) acting on the ring. From the boundary conditions thus obtained for an anisotropic plate the earlier-found boundary conditions for an isotropic plate are arrived at as a particular case. It is demonstrated that the four relationships obtaining along the contour of the seam can be reduced to a single relationship linking the two desired functions $\varphi_1(z_1)$ and $\psi_2(z_2)$. For the case of a circular hole in the plate the solution of the problem is carried out to the end, i.e., the functions φ_1 and ψ_2 are arrived at. The article gives no numerical results.

G.N. Savin

1. Metal plates--Theory 2. Plates--Moments

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Ye.

Building materials should cost less. Fin. SSSR 17 no.12: 53-56 D '56. (MLRA 10:1)

(Building materials--Costs)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Ya., inzhener.

Use of mobile shops in construction work. Muk.-elev.prom.20 no.12:8-10 D '54. (MLRA 8:3)

1. Ministerstvo zagotovok SSSR.
(Machine shops)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Ye. G.

N. N. Rovinskiy (ed.), I. D. Sher, G. I. Nelelin, V. F. Girovskiy, F. N. Yakushev, and Ye. G. Tul'chinskiy, Organizatsiya Finansirovaniya i Kreditovaniya Kapital'nykh (Organization of Financing and Crediting in Capital Investment), Moscow: Vlozhenly, 1951, 375 pp.

For complete translation of text, see Trans 351, 28 Feb 55

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CHUMAK, M.M.; TUL'CHINSKIY, Ye.M. (Chernovitskaya obl.)

Organization of medical prophylactic stations on collective farms. Sovet. med. 27 no.6:103-106 Je'63 (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, YE. M.

TUL'CHINSKIY, Ye.M., inzhener.

Combined three-roller creasing machines. Rats. i izobr. predl. v stroi. no.72:17-18 '54. (MLRA 10:9)
(Machine tools) (Pipe)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Ye.M. (Chernovtsy)

Experience in organizing mass prophylaxis and treatment for occupational diseases of the hands of milkmaids on the collective forms of Chernovtsy Province. Sov.zdrav. 21 no.12:17-23 '62. (MIRA 15:12)

1. Iz Chernovitskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach - kand.med.nauk N.P.Mishenda).
(BUKOVINA--DAIRY WORKERS--DISEASES AND HYGIENE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CHUMAK, M.M. (Chernovitskaya oblast'); TUL'CHINSKIY, Ye.M. (Chernovitskaya oblast')

Medical preventoria in collective farms. Vrach. delo no.10: 120-122 O '63. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Yefim Moiseyevich; D'YACHENKO, V.M., red.; KOCHETKOV, L.I., red.; BARANOVA, N.N., tekhred.

[Design and assembly of plant and shop equipment for processing hybrid and high-grade corn seeds] Konstruktsii i montazh oborudovaniia zavodov i tsekhov po obrabotke gibridnykh i sortovykh semian kukuruzy. Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 231 p. (MIRA 13:7)
(Seed industry--Equipment and supplies)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Yefim Moiseyevich, inzh.; PISAKA, B.Ya., inzh., red.; KOCHETKOV, L.I., red.; MEDVEDEV, L.Ya., tekhn. red.

[Design and installation of grain dryers and drying and cleaning towers] Konstruktsii i montazh zernosushilok i sushil'no-ochistitel'nykh bashen. Pod red. B.IA. Pisaka. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva, 1958. 179 p. (MIRA 11:8)
(Drying apparatus) (Grain handling machinery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Ye.M.

[Abridged price list for assembling equipment of flour mills, groat mills and elevators] Sokrashchennyy tsennik na montazh oborudovaniya mel'nits, krupozavodov i elevatorov. Moskva, Zagotizdat, 1954. 347 p. tables (MIRA 11:1)

1. Russia (1923- U.S.S.R.) Ministerstvo zagotovok.
(Flour mills) (Grain elevators)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

MISHENDA, N.P.; TUL'CHINSKIY, Ye.M. (Chernovtsy)

The voluntary council is one of the forms of organizational and methodic work in the provincial hospital. Sov. zdrav. 21 no.6: 62-64 '62. (MIRA 15:5)

1. Iz Chernovitskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach N.P.Mishenda).

(HOSPITALS—ADMINISTRATION)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Yafim Moyseyevich; VYSOTSKAYA, R.S., redaktor; GOLUBKOVA, L.A., tekhnicheskiy redaktor

[Construction and assembly of grain chutes in elevators and grain dryers] Konstruktsii i montazh zernoprovodov na elevatorakh i zernosushilkakh. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva. 1956. 94 p. (MLRA 10:1)

(Grain elevators)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TULICHINSKIY, Yefim Moiseyevich, inzh.; VOLKOV, P.N., red.; GOLUBKOVA, L.A., red.

[Design and mounting of the equipment of mills with pneumatic conveying] Konstruktsii i montazh oborudovaniia mel'nits s pnevmaticheskim transportom. Moskva, Zagotizdat, 1963. 177 p. (MIRA 16:10)
(Flour mills--Equipment and supplies)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

CHUMAK, M.M., kand.med.nauk; TUL'CHINSKIY, Ye.M.

Medical preventorium on a collective farm. Fel'd. i akush. 28 no.1:4-7 Ja'63. (MIRA 16:7)

1. Iz kafedry organizatsii zdravookhraneniya Chernovitskogo meditsinskogo instituta i oblastnoy klinicheskoy bol'nitsy.
(KITSMAN'--MEDICINE, PREVENTIVE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1

TUL'CHINSKIY, Yefim Moiseyevich, inzh.; ARKHANGORODSKIY, L.A., inzh., retsenzent; ROZHANSKIY, S.V., inzh., retsenzent; KLEYMAN, L.M., red.

[Elements and assembly of equipment for elevators and grain-receiving stations] Konstruktsii i montazh oborudovaniia elevatorov i khlebopriemnykh punktov. Moskva, Kolos, 1965. 295 p. (MIRA 18:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410014-1"