CHAKUROV E.

CHAKUROV, E.

"Bismuth Impregnation of Nerve Elements on the Capillaries of the Brain."

p. 83 (Izvestiia, Vol. 2, 1957, Sofiia, Bulgaria)

Monthly Index of East European Accession (EEAI) LC. VOL. 7, No. 11, Nov. 1958

L 33093-66 RO
ACC NR: AP6024607 SOURCE CODE: BU/0017/65/020/006/0005/0007

AUTHOR: Chak'rov, Kh. (Lt. colonel of the medical service); Kurtev, V. (Lt. colonel of the medical service)

ORG: none

TITLE: Raising to a higher level the military sanitary preparation in the Bulgarian People's Army

SOURCE: Voenno-meditsinsko delo, v. 20, no. 6, 1965, 5-7

TOPIC TAGS: sanitation, military medicine, CW agent

ABSTRACT: Organizational measures aimed at improvement of the medical and sanitary services are discussed. The necessity of being prepared to treat shock and conditions arising as a result of contamination of wounds with chemical warfare agents or of exposure of the whole organism to such agents is pointed out. [JPRS: 34,903]

SUB CODE: 06, 15 / SUBM DATE: none

Card 1/1 BK

DOVLATYAN, V.V.; CHAKHYAN, T.O.

Synthesis of herbicides. Report No.4: Catalytic action of organic bases on the formation of esters. Izv.AN Arm. SSR.Khim.nauki 12 no.6:417-423 '59. (MIRA 13:7)

1. Armyanskiy sel'skokhozyaystvennyy institut, Kafedra obshchey khimii.
(Esters) (Bases(Chemistry))

DOVLATYAN, V.V.; CHAKRYAN, T.O.

Synthesis of herbicides. Report No.5: γ-Chlorocrotyl amides of aroxyacetic and haloacetic acids. Izv. AN Arm. SSR Khim. nauki 13 no.2/3 :187-191 '60. (MIRA 13:10)

1. Armyanskiy sel'skokhozyaystvennyy institut, Kafedra obshchey khimii.

(Acetic acid) (Herbicides)

DOVLATYAN, V.V.; CHAKRYAN, T.O.

Chloromethoxymethylation and transformations of compounds obtained. Report No.2: Some transformations of ethyl esters of α-alkyl-α-chloromethoxymethylacetoacetic acids. Izv.AN Arm. SSR.Khim.nauki 14 no.4:353-361 '61. (MIRA 14:10)

1. Armyanskiy sel'skokhozyaystvennyy institut, kafedra obshchey khimii.

(Acetoacetic acid)

DOVLATYAN, V.V.; CHAKRYAN, T.O.

Course of the saponification reaction of ethyl esters of ϕ-acylglycolic acids. Izv. AN Arm. SSR. Khim. nauki 16 no.5:465-469 '63.

Synthesis of herbicides. Report No.9: Synthesis and herbicide properties of alkyl esters of o-aroxyacetylglycolic acids. Ibid.:475-482 (MIRA 17:1)

1. Armyanskiy sel'skokhozyaystvennyy institut, kafedra obshchey khimii.

DOVLATYAN, V.V.; CHAKRYAN, T.O.

Synthesis of herbicides. Part 11: Synthesis of o-aroxyacetylglycolic acids and some of their derivatives. Izv.AN Arm.SSR.Khim.nauki 17 no.1:81-88 '64. (MIRA 17:4)

1. Armyanskiy sel'skokhozyaystvennyy institut, kafedra obshchey khimii.

DOVLATYAN, V.V.; CHAKRYAN, T.O.

Dicarbethoxymethyl esters of dibasic carboxylic acids. Izv. AN Arm. SSR. Khim. nauki 17 no.6:651-655 '64. (MIRA 18:6)

1. Armyanskiy sel'skokhozyaystvennyy institut, kafedra obshchey khimii.

DOVLATYAN, V.V.; CHAKRYAN, T.O.; ELIAZYAN, K.A.

Synthesis of herbicides. Part 14: Alkyl esters of o-chloro and-o-trichloroacetylglycolic acids. Izv. AN Arm.SSR. Khim.nauki 18 no.1:39-43 '65. (MIRA 18:5)

1. Armyanskiy sel'skokhozyaystvennyy institut, kafedra obshchey khimii.

CHAK'ROV, K.

COUNTRY	: USSR
CATEGORY	: General and Specialized Zoology. Insects. Fruit and Olive Pests
ABS. JOUR.	: RZhBiol., No. 22 1958, No. 100306
AUTHOR	: Chakyrov, K.
INST.	:
TITLE	: Dangerous Pest of the Apple and Pear Trees - Stephanitis pyri
ORIG. PUB.	: Nauch. Institut. Zashchita, 1957, Vol.6, No.3, 62-65
ABSTRACT	: No abstract.

CARD: 1/1

CHAKRYGIN, V. G. (Engr.) and LOKSHIN, V. A. (Cand. Tech. Sci.)

"Results of Experimental Investigation of the Influence of Non-uniformity of Heat Exchange round the perimeter of a Horizontal Steam Raising Tube."

report presented at sci and tech session on Heat Exchange during Change of Aggregate State of Matter (by Comm. on High Steam Conditions, Power Inst. AS USSR and Thermal Engineering Inst, AS Ukr SSR, Kiev, 23-28 Sep 57.

All-Union Thermo-Technical Inst.

CHAKRYGIN, V.G., inzhener; LOKSHIN, V.A., kandidat tekhnicheskikh nauk.

Temperature conditions for horizontal steam generating tubes under extra high pressures. Teploenergetika 4 no.9:58-63 S '57. (MLRA 10:8)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Boilers)

CHAKRYGIN, V.G.

CHAKRYGIN, V.G., inzhener; LOKSHIN, V.A., kandidat tekhnicheskikh nauk.

Temperature regime in horizontal steam generating pipes operating at supercritical pressures (p=230-250 atm) [with summary in English]. Teploenergetika 4 no.10:27-30 O '57. (MIRA 10:9)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Boilers)

CHAKRYGIN, V. G., Cand Tech Sci -- (diss)"Temperature regime of the ~~heating surfaces~~ performance of vapor-forming pipes ~~in super-high~~ under ultra- and super-critical pressures." Chelyabinsk, 1958. 12 pp (Min of Electric ~~Power Plants~~ Stations USSR, All-Union Order of Red Banner Labor Heat Engineering Sci Res Inst im F. E. Dzerzhinskiy), 125 copies (KL, 18-58, 100)

96-1-1/31

AUTHORS: Chakrygin, V.G., Engineer and Lokshin, V.A., Candidate of Technical Sciences.

TITLE: Temperature Conditions of Operation of Vertical Steam-generating Tubes at Super-high and Super-critical Pressures with Downward Flow (Temperaturnyy rezhim raboty vertikal'-nykh paroobrazuyushchikh trub pri sverkhvysokikh i sverkhkriticheskikh davleniyakh i opusknom dvizhenii potoka)

PERIODICAL: Teploenergetika, 1958, Vol.5, No.1, pp. 3 - 8 (USSR).

ABSTRACT: In the design of large boilers it is convenient to use tubes with downward flow; the hydrodynamics of downward flow of steam-water mixtures has been studied in detail in previous works. (Refs.2, 3). An expression is derived for the heat transfer coefficient under conditions of boiling of the steam-water mixture for the case of absence of a liquid film on the heating surface. Tests were made on a tube of an internal diameter 29 mm at pressures of 140 - 246 atm., with heat-flow rates up to 390 000 kcal/m^{2}hr. The super-high-pressure experimental rig is illustrated diagrammatically in Fig.1. The rig and the experimental procedure are fully described in Teploenergetika, 1957, No.9.

The method of working out the test results is explained. Fig.2 gives the results of tests at pressures of 140, 160 and 180 atm.

Card1/5

with a heat-flow rate of 230 000 kcal/m^2hr. Until the boiling point is reached, at a pressure of 180 atm., the wall temperature rises gradually with the flow temperature, but when surface boiling occurs the wall temperature is constant for a given pressure. An expression is given for the mean lines of the graph in Fig.2.

The influence of the heat-flow rate on the operational temperatures of the tube at a pressure of 180 atm. are shown in Fig.3. The stepwise increase in wall temperature with increasing flow rate will be noted: similar results were obtained at a pressure of 200 atm., as shown in Fig.4. In a certain range of operating conditions, a greater flow-rate of medium corresponds to a lower heat transfer coefficient. The results of tests at 210 atm. are generally the same as those at 200 atm. Tests at 220 atm., with heat transfer rates of 140 000 and 390 000 kcal/m^2hr are represented in Fig.5. Some results at a super-critical pressure (230 atm.) are given in Fig.6. When pressure, heat transfer rate and mass rate of flow are constant, the points lie near straight lines. There were no deviations from the general relationships in the region of second-order

Temperature Conditions of Operation of Vertical Steam-generating Tubes at Super-high and Super-critical Pressures with Downward Flow.

phase transition. Calculated values of metal temperature are also given in Fig.6; the agreement between the calculated and experimental temperatures is satisfactory. Similar experimental results were obtained at a pressure of 246 atm.

The experimental data is then analysed, revealing a number of regions of different internal cooling conditions. Below the boiling point, there are three regions: convective heat exchange in a turbulent flow of a single-phase liquid; surface boiling of liquid at a pressure below 210 atm; and surface-film boiling of liquid at pressures above 210 atm. (Fig.5).

Four characteristic zones were observed in the boiling range: a region of normal boiling with bubbles; a region of "developed" boiling in the absence of a liquid film on the heating surface; a region of conditions with varying wall temperatures; and a region of film-wise boiling of liquid near the boiling point. The conditions pertaining to these various regions are discussed. Each of the heat exchange regions corresponds to a certain operational temperature of the tube and attention must be paid to those conditions which can lead to disturbance of normal cooling of the metal. Film-wise boiling with variable wall

Temperature Conditions of Operation of Vertical Steam-generating Tubes at Super-high and Super-critical Pressures with Downward Flow.

temperatures is a dangerous condition.
At super-critical pressures, heat transfer from the wall to the liquid takes place in a single-phase flow, the wall temperature changing smoothly with change of enthalpy.
Comparative tube wall temperatures for various pressures, as determined experimentally, are given in Fig.9. For the given conditions the highest wall temperatures are reached below the boiling point at a pressure of 220 atm.
Practical conclusions drawn from the results are that heated tubes with downward flow can operate reliably over a wide range of conditions at super-high and super-critical pressures.
Heating and evaporative surfaces can be used with downward flow at pressures of 140 - 200 atm., heat-flow rates of less than 400 000 kcal/m^2hr and mass flow-rates greater than 850 kg/m^2sec.
For the heating surfaces of supr-critical-pressure boilers in the region of phase transition, even at high heat transfer rates (up to 300 000 kcal/m^2hr), tubes may be made of pearlitic steels for downward flow with a mass flow-rate of the order of 500 kg/m^2sec.

Card4/5 There are 9 figures and 5 Slavic references.

96-1-1/31

Temperature Conditions of Operation of Vertical Steam-generating Tubes at Super-high and Super-critical Pressures with Downward Flow.

ASSOCIATION: All-Union Thermo-technical Institute (Vsesoyuznyy Teplotekhnicheskiy Institut)

AVAILABLE: Library of Congress.

Card 5/5

CHAKRYGIN, V.G.

Problems of nonstationary heat conductivity of hollow spheres [with summary in English] Insh.-fiz.zhur. no.12:72-75 '58. (MIRA 11:12)

1. Vostochnyy filial Vsesoyuznogo teplotekhnicheskogo nauchno-issledovatel'skogo instituta imeni Dzerzhinskogo g. Chelyabinsk.
(Heat--Conduction)

SOV/96-59-3-8/21

AUTHOR: Chakrygin, V.G., Engineer

TITLE: On the Rate of Steam-Raising in High-Pressure Drum-Type Boilers (O prodolzhitel'nosti rastopki barabannykh kotlov vysokogo davleniya)

PERIODICAL: Teploenergetika, 1959, Nr 3, pp 35-39 (USSR)

ABSTRACT: This article gives an analysis of the temperature field in the main drum of a boiler during the process of raising steam from cold. Recommendations are made for determining the rate of this process in high-pressure drum-type boilers. It has been much accelerated in recent years, following research work. The main factor limiting further progress in this direction is uneven heating of the main drum and the problem of investigating the resultant stresses has not yet been solved. They can be determined in the cylindrical part of the drum but not in the ends, which is where damage usually occurs; neither is it possible to determine the stresses caused in the wall thicknesses by temperature differences therein. In view of the complexity of the temperature field in the drum during the process of raising steam, it is treated

Card 1/5

On the Rate of Steam-Raising in High-Pressure Drum-Type Boilers

as a resultant of the super-position of two fields - one in the wall thickness and another on the perimeter and length of the drum. The maximum permissible temperature-difference in the wall thickness is assumed to be 50°C. The temperature field in the wall thickness of the drum is then considered. As shown in Fig.1, the wall thickness at the ends of the main drum of a boiler type PK-10 may reach 160 mm. The method of determining the temperature distribution in the ends of the drum is then explained. Equation (2) is derived and is a rapidly converging series. For practical calculations of the temperature fields it is usually sufficient to consider only the first term of the series. The temperature distribution in the walls of the drum at different moments of time with a rate of temperature change of 120°C per hour is plotted in Fig.2. By appropriate substitution in equation (2), expression (3) was obtained for the temperature difference between the internal and external walls of the drum. The temperature difference at infinite time is given in expression (4) which is, however, somewhat cumbersome to use and is

On the Rate of Steam-Raising in High-Pressure Drum-Type Boilers

reduced to a simplified expression (5) for calculating the temperature difference in the wall thickness. Given a maximum temperature difference of 50°C, this expression may be used to obtain the maximum rate of temperature increase in the drum during starting, which is about 125°C per hour. The temperature fields in the length and perimeter of the drum are then considered. During the starting-up period, conditions in the main drum are complicated because the upper part is heated by condensing steam and the lower part by water. Special studies were made on a boiler type PK-10 to investigate the heating conditions in the drum during starting from the cold. Temperature changes at particular points in the main drum of the boiler are plotted in Fig.3, together with temperature differences during starting up from cold in a period of 5.5 hours, as usually adopted by the station. The greatest temperature difference on the perimeter occurs at the end part of the drum and is more than 70°C during the entire steam-raising period and even reaches 95°C. Maximum temperature differences in the perimeter

On the Rate of Steam-Raising in High-Pressure Drum-Type Boilers

of the main drum during a number of tests are plotted in Fig.4. It shows that, during steam-raising over a period of 5.5 hours by the normal method, the temperature difference in the perimeter at the ends reaches 90-100°C. The most favourable heating conditions are observed in the upper part of the drum, where temperature differences along the length are practically absent during the steam-raising period. The greatest temperature differences on the length are observed in the lower part of the drum, which is in contact with boiler water. The data given shows that temperature differences over the drum length during accelerated starts do not exceed the values that have occurred for a number of years during normal starts. Analysis of the heating-up of the main drum of the boiler shows that if the process is carried out carefully at rates of up to 140°C per hour, the temperature differences over the length and perimeter do not exceed normal values. The steam output taken from the boiler during steam-raising should not be less than

On the Rate of Steam-Raising in High-Pressure Drum-Type Boilers

25-30% of the rated steam output. When a steam pressure of 25-30 atm is reached the amount taken can be reduced to 15-20%. There are 4 figures, 1 table and 3 Soviet references.

ASSOCIATION: Vostochnyy Filial VTI (Eastern Branch of the All-Union Thermo-Technical Institute)

CHAKRYGIN, V.G., kand.tekhn.nauk; SUCHKOVA, L.V., inzh.

Study of a small-sized finned feed-water economizer with a steel base. Energomashinostroenie 7 no.7:5-8 Jl '61. (MIRA 14:8)

(Boilers--Equipment and supplies)
(Feed-water heaters)

GOL'DBERG, Yu.A., inzh.; SEMENOVKER, I.Ye., kand.tekhn.nauk; CHAKRYGIN, V.G., kand.tekhn.nauk

Study of the operation of the radiational section of a PK-12 boiler. Teploenergetika 10 no.1:34-40 Ja '63. (MIRA 16:1)

1. TSentral'nyy nauchno-issledovatel'skiy kotloturbinnyy institut imeni I.I.Polzunova i Vostochnyy filial Vsesoyuznogo nauchno-issledovatel'skogo teplotekhnicheskogo instituta.
(Boilers)

GOL'DBERG, Yu.A., inzh.; SEMENOVKER, I.Ye., kand.tekhn.nauk; CHAKRYGIN, [redacted] G., kand.tekhn.nauk

Assurance of adequate temperature of the water walls of boilers operating on pulverized coal. Elek. sta. 34 no.11:11-16 N 63. (MIRA 17:2)

CHAKRYGIN, V.G., kand. tekhn. nauk

Terminal effect and steady temperature distribution in a plate heated in a sector with finite length. Teploenergetika 11 no.3:88-91 Mr '64. (MIRA 17:6)

1. Vostochnyy filial Vsesoyuznogo teplotekhnicheskogo instituta, Chelyabinsk.

CHAKRYGIN, V.G., kand. tekhn. nauk; SEVERYANINA, L.P., inzh.

Terminal effect and steady temperature distribution in a pipe heated in a sector with finite length. Teploenergetika 11 no.7:67-70 Jl '64. (MIRA 17:8)

1. Vostochnyy filial Vsesoyuznogo teplotekhnicheskogo instituta, Chelyabinsk.

CHAKRYGIN, V.G., kand. tekhn. nauk

Calculation of pressure loss in heated pipes at supercritical pressures. Teploenergetika 11 no.10:78-80 O '64. (MIRA 18:3)

1. Vostochnyy filial Vsesoyuznogo teplotekhnicheskogo instituta, Chelyabinsk.

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH, V.D., inzh.; KONDRASHENKO, A.A., inzh.; ABADEYEV, Yu.A., inzh.; RYADNOV, A.A., inzh.; YEGORYCHEV, V.P., inzh.; SHMEL'KIN, B.A., inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.; FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P., tekhnik; AVSARAGOVA, G.A., tekhnik; PASHKEYEV, D.A., inzh.; KAPUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.; KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN, Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in stockbreeding] Al'bom mekhanizatsii trudoemkikh protsessov v zhivotnovodstve. Moskva, Izd-vo Giprosel'khoza. No.4.[Equipment and supplies for the mechanization of labor-consuming processes on livestock farms] Oborudovanie i inventar' dlia mekhanizatsii trudoemkikh protsessov na zhivotnovodcheskikh fermakh. 1959 [cover: 1961. 229] p. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokhozyaystvennykh sooruzheniy (for Kapustin, Grigorovich, Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Shmel'kin, Marshutin, Khodzhabaronov, Fedosova, Osin, Semenova, Avsaragova).

(Continued on next card)

KAPUSTIN, B.N.——(continued). Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirovaniyu sovkhoznogo stroitel'stva (for Gvozdev, Pashkeyev, Kapustin, V.N., Nagorov, Ionov, Kopeykina, Telepneva, Chakurin).

(Agricultural machinery)

CHAKUROV, Ag.

Stages of malignant tumors and so-called hyperradical surgery in their therapy. Khirurgiia, Sofia 7 no.8:492-499 1954.

1. Fakultetska khirurgichna klinika pri Med. Akademiia V. Chervenkov, Sofiia. Zavezhdashch katedrata: prof. G.Popov.
(NEOPLASMS, surgery,
radical)

CHAKUROV, Ag.

Hormonal therapy of breast cancer. Khirurgiia, Sofia 8 no.7:649-654 1955.

1. Vissh meditsinskii institut V.Chervenkov, Sofiia Fakultetska khirurgichna klinika. Direktor: dots. G.Popov.
(BREAST, neoplasms, ther., hormones)
(HORMONES, therapeutic use, cancer of breast)

CHAKUROV, A., KUNCHEV, Gr.

Organizational and diagnostic errors in therapy of acute appendicitis. Khirurgiia, Sofia 8 no.10:906-914 1955.
(APPENDICITIS, therapy,
errors (Bul))

CHAKUROV, A. M.

Gastric and duodenal surgery. Sofiia, 1956. 512 p.

1. Stomach - Surgery. 2. Duodenum - Surgery.

CHAKUROV, Ag.

Experience with profuse gastric hemorrhages. Khirurgiia, Sofia 9 no.3:234-241 1956.

(STOMACH, hemorrhage,
surg. (Bul))
(HEMORRHAGE,
stomach, surg. (Bul))

CHAKUROV, A.; STOIANOV, E.

Various personal experiments in the field of surgery of main blood vessels. Khirurgiia, Sofia 10 no.3:210-219 1957.

(AORTA, transpl.
exper., in normal cond. & in hypothermia in dogs (Bul))
(HYPOTHERMIA, exper.
in aorta transpl. in dogs, comparison with transpl. in normal cond. (Bul))

CHAKUROV, A., dots.

Our model of an instrument for commissurotomy. Khirurgiia, Sofia 14 no.2/3:229-230 '61.

(MITRAL STENOSIS surg)

CHAKUROV, Ag., dotsent; PETROV, A.; MILANOV, A.; PENKOV, V.; CHERVENIAKOV, V.; BOTEV, Z.; DOZOV, N.

Results of 2300 appendectomies. Khirurgia (Sofia) 17 no.3:311-320 '64.

1. Republikanska bolnitsa Ministerstvo na narodnoto zdrave i sotsialnite grizhni.

TCHAKAROFF, E.

HADJIOLOFF, A.; BOHADJIEV, G.; DOKOV, V.; TCHAKAROFF, E.

Morphological and histochemical study of lipids in yolk globules.
Doklady Bolg. akad. nauk 7 no.1:49-51 Jan-Mar 54.
(EGG YOLK, metabolism,
lipids, determ.)
(LIPIDS, determination,
in egg. yolk)

TCHAKAROFF, E.

HODJOLOFF, A.; DOKOV, V.; TCHAKAROFF, E.

On the innervation of capillaries in the central nervous system.
Doklady Bolg. akad. nauk 7 no.1:53-55 Jan-Mar 54.
(CENTRAL NERVOUS SYSTEM, blood supply,
capillaries, innervation)
(CAPILLARIES,
CNS capillaries, innervation)

TCHACAROF, E.L.

(13)

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 14, No 3, 1961 (cont'd)

17. "Specificity of the Fluorochromic Auramine in the Cytochemical Analysis of DNA" Iv. ACEV; PP 299-302.
18. "Antimicrobial Properties of Honey" G. CHRISTOV and St. MLADENOV; PP 303-306.
19. "On Natural and Antibiotic- or Sulfonamide-Induced Volutin Inclusions in Certain Microbes" G. CHRISTOV PP 307- 310.
20. "On the Detection of Nucleic Acids in the Embryo Sac of Helianthus annuus L. by Auramin" (In English) O.A. VASILIEVA-DAVIDKOVSKA; PP 311-314.
21. "Morphological Studies on the Growth of Preserved Tendon Homotransplants" G. SIMEOV, I. ANDREEV and B. MECHKARSKI; PP 315-316.(In English)
22. "On the Inflammatory-Necrotizing Changes Induced in the River Frog (Rana ridibunda Pall.) by Rickettsialike Organisms" G. PASPALEFF, V.A. DOROV, E.L. TCHACAROF, D. ASCICNOV and T. TODOROV; PP 317- 320.
23. "Changes of the Hemopoiesis in Dogs After Stimulation in the Hypothalamic Area" N. MATSCHEFF; PP 321-324.

— 2/2 —

CHAKUROV, E.; NACHEV, Ch.

Methodological contribution to cytophysiological studies on spermatozoids. I. Spermatocinesiography -- the principle and technic. Izv. inst. fiziol. 5:147-162 '62.

(SPERMATOZOA anat & histol)

PASPALEV, G., d-r, prof.; DOKOV, V.K.; CHAKUROV, E.; BOZHKOV, D.

A hitherto unknown disease, caused by Richettsia-like microorganisms, found in some frogs in Bulgaria. Izv Zool inst BAN no.12:5-24 '62.

1. Chlen-korespondent na Bulgarskata akademiia na naukite, otgover redaktor i chlen na Redaktsionnata kolegiia, "Izvestiia na Zoologicheskiia institut s Muzei" (for Paspalev).

TCHACAROFF, E.; POSALAKY, Z.

Critical considerations on the use of ethylene glycol polymers in histochemical methods of detection of lipids. Dokl. bolg. akad. nauk. 15 no.7:791-794 '62.

1. Presentee par D. Orachovats, membre de l'Academie.
(LIPIDS) (ADRENAL GLANDS) (POLYETHYLENES) (GLYCOLS)

PASPALEV, G.; DOKOV, V.K.; CHAK"ROV, Ye. [Chakurov, E.]; BOZHKOV, D.

Unknown disease in anurous amphibia discovered in Bulgaria.
Dokl. AN SSSR 146 no.6:1460-1461 O '62. (MIRA 15:10)

1. Predstavleno akademikom Ye.N. Pavlovskim.
(Bulgaria—Amphibia—Diseases and pests)

CHAKUROV, E.; VULCHEVA, L.

Studies on argyrophilia of nervous tissue with special reference to the mechanism of action of hydrobromic acid. Izv. inst. fiziol. (Sofiia) 6:289-305 '63.

(NERVE TISSUE) (HISTOLOGICAL TECHNICS)
(SILVER NITRATE) (BROMINE) (PHARMACOLOGY)

PASPALEFF, G. [Paspalev, G.]; BOSCHKOW, D. [Bozhkov, D.]; DOKOV, V.K.; CHACAROF, E. [Chakurov, E.]

The leech Batrocobdella algira (Moquin-Tandon) 1846, carrier of an infectious disease of frogs in Bulgaria. Doklady BAN 16 no.2:197-200 '63.

MITRANI, L.; NATCHEV, Tch. [Nachev, Ch.]; TCHAKAROV, E. [Chakurov, E.]; ORMANDJIEV, S. [Ormandzhiev, S.]; BOEV, K.; KOLAROV, V.

Systems of discrimination in cytological analysis. Doklady BAN 16 no.2:213-216 '63.

1. Note présentée par D. Orahovats [Orakhovats, D.], membre de l 'Académie.

TCHAKAROV, E. [Chakarov, E.]; NACHEV, C. [Nachev, Ch.]

Spermatokinesigraphic characteristics of vibrating spermatozoa. Doklady BAN 16 no.2:217-219 '63.

1. Submitted by Academician D. Orahovats [Orakhovats, D.].

TCHAKAROV, E. [Chakurov, E]

Spermatokinesigraphic characteristics of the immovable spermatozoids in man's sperm. Doklady BAN 16 no.7: 777-780 '63.

1. Note presentee par D. Orahovats [Orakhovats, D.], membre de l'academie, membre du Comite de redaction, "Doklady Bolgarskoy Akademii nauk".

TCHACAROF, E. [Chakurov, E.]; UGLOVA, T.

Cytochemical studies of cornea lipides in the combustions by calcium hydroxide. Doklady BAN 16 no. 8: 853-856 '63.

1. Note presentee par D. Orahovats [Orakhovats, D.] [deceased], membre de l'Academie, membre du Comite de redaction, "Doklady Bolgarskoy Akademii nauk. Comptes rendus de l'Academie bulgare des Sciences".

CHAKUROV, E.I.; NACHEV, Ch.K.

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ACC NR: AT6033611 SOURCE CODE: HU/2502/65/043/002/0177/0185

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17 Brl

ORG: [Lengyel; Csakvari] Department of General and Inorganic Chemistry, Eotvos Lorand University, Budapest (Eotvos Lorand Tudomanyegyetem, Altalanos es Szervetlen Kemiai Tanszek); [Toperczer] Oncological Institute, Budapest (Onkologiai Intezet)

TITLE: Alkaline error of the glass electrodes. III. New data on the interpretation of the alkaline error

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 177-185

TOPIC TAGS: electrochemical analysis, glass electrode

ABSTRACT: The mole fraction of sodium ions present in the surface layer of the MacInnes-Dole glass was determined by the radiochemical tracer method (using ^{24}Na) and the results were compared with mole fractions calculated from measured values of electromotive force. The rather good agreement between the mole fractions can be considered as an experimental proof of the theory proposed by the authors for the quantitative interpretation of the alkaline error. Orig. art. has: 2 figures, 20 formulas and 1 table. [Based on authors' Eng. abst.] [JPRS: 33,540]

SUB CODE: 07, 09 / SUBM DATE: 24Nov64 / ORIG REF: 002 / OTH REF: 006

Card 1/1 awm

0920 1655

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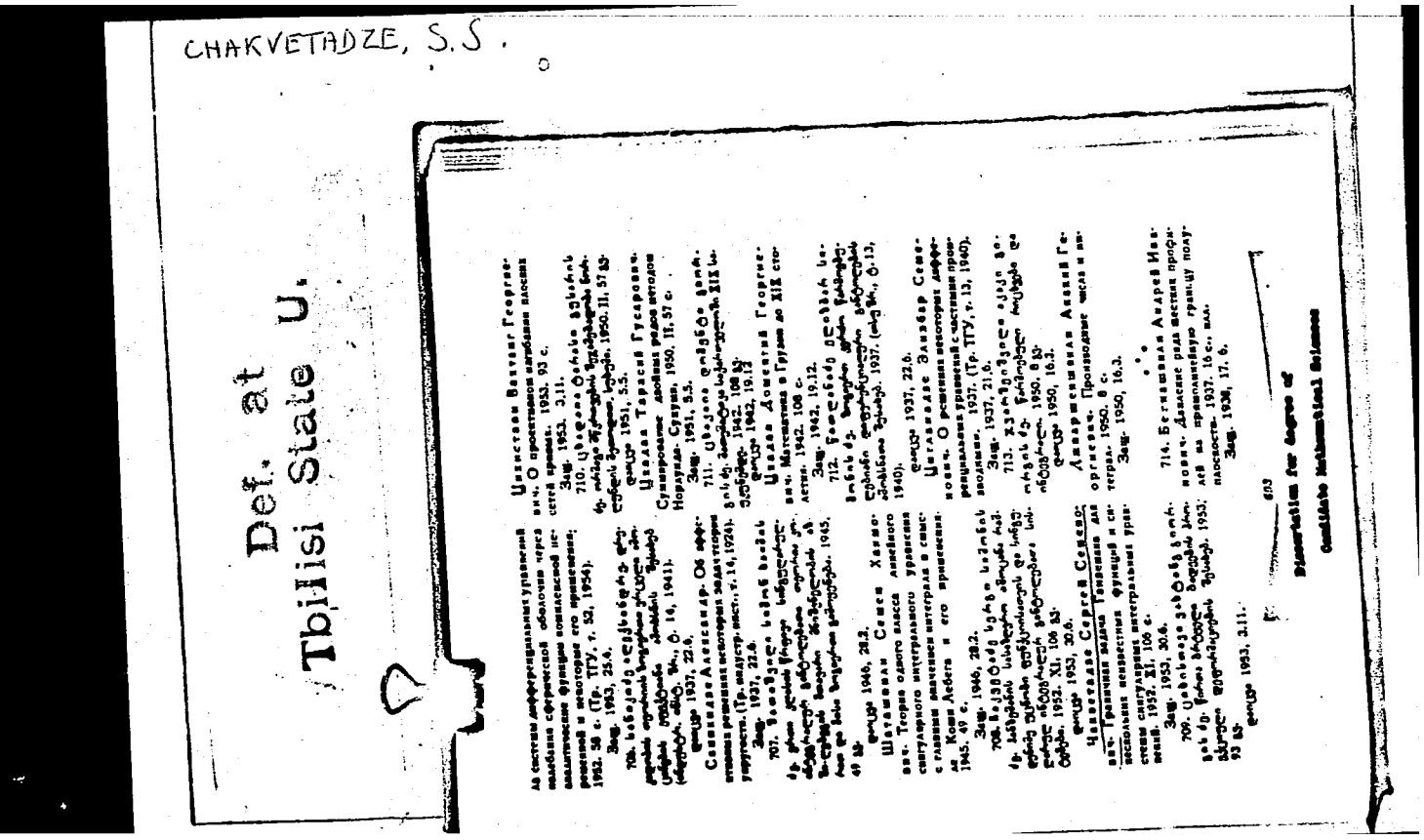

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The use of Branany bentonite in pharmaceutical preparations, II.; bentonite as ingredient of pill mass. Cesk. farm. 3 no.8:281-283 Oct 54.

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Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65345

Author : Chalabala Milan, Maly Josef
Inst : -
Title : Concerning the Bases for the Manufacture of Suppositories.

Orig Pub : Ceskosl. farmac., 1956, 5, No 1, 38-44.

Abstract : Review with Bibliography of 101 titles.

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CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Medicinals, Vitamins. Antibiotics. H-17

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26151

Author : III. Chalabala M., Maly J., Melichar M.
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Inst : - Zustavu galenicke farmacie farmaceuticke fakulty v Brne.

Title : The Use of Bran Bentonite in the Preparation of Galenics and Medicinals. III. Bentonite as a Component of Tablet Fillers. IV. Its Effect on Stability on Uniform Dosage and on the Possibility of Cooling of Misturae Which Must be Shaken.

Orig Pub : Ceskosl. farmac., 1954, 3, No 9, 307-310; 1956, 5, No 2, 95-98.

Abstract : Part III. Disintegration of tablets containing dried bentonite (B) is greater than of those made with undried B, especially in the presence of acidic substances

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(for example, citric acid).
Part IV. A study was made of viscosity, thixotropy, and stabilizing action of Bran bentonite hydrogels.
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Abs Jour: Ref Zhur-Khimiya, No. 22, 1958, 79955.

Author : Khalabala, Maliy, Khalabaia, Kral, Kral, Solikh.
Inst : Not given.
Title : A study on Incompatible Substances and Substances Difficultly Compatible. VI. Candles with an Increased Content of Ichthamol. VII. The Incompatibility of Mercurous Chloride and Saccharose. VIII. Stability of Calcareous Solutions of Acetylsalicylate.

Orig Pub: Farmacia (Ceskosl.), 1956, 25, No. 2, 43-45; No. 3, 73-75; No. 8, 236-239.

Abstract: No abstract.

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Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36023

Author : Chalabala, M., Vlach, J.
Inst :
Title : A Method of Sterilizing a Solution of Amidopyrine.

Orig Pub : Farmacia (Ceskosl.), 1958, 27, No 3, 65-69.

Abstract : It is noted that sterilization of amidopyrine solutions (I), according to the Czechoslovak Pharmacopeia No 2 (by the method of filtration through a sterilized bacterial filter), is causing difficulties in pharmaceutical practice and may prove to be unreliable. Other possible methods of sterilization were examined: water vapor heating at 100°, heating in autoclaves and sealed tubes at temperatures ranging from 120 to 180° and exposure to ultraviolet rays. For the indication of changes,

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Role of the National Pharmaceutical School in Bratislava in the development of pharmaceutical science and practice in Czechoslovakia. Acta pharmac 5:7-16 '61.

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1. Katheder der galenischen Pharmazie der pharmazeutischen Fakultat in Bratislava, Kalinciakova 8.

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Progress in drug technology in 1959 and 1960. Cesk. farm. 10 no.9: 468-482 '61.

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4. author

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Bratislava, Farmaceutický Obzor, No 10, 1962, pp 458-466

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"Tenth Anniversary of the Foundation of Pharmaceutical Colleges."

Prague, Ceskoslovenska Farmacia, Vol 11, No 10, Dec 62, pp 540-541

Abstract: The article gives a description of meetings held at the Komensky University at Bratislava between 23 and 26 October 1962. It is entirely devoted to the evolution of the colleges in the last 10 years.
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