"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

L 17985-63 EWT(1)/EWP(q)/EWT(m)/BDS AFFTC/ASD/APGC Pq-4 WH

ACCESSION NR: AT3002093 S/2728/62/008/000/0019/0048

AUTHORS: Berdyyev, A. A.; Vasil'yeva, M. G.; Leshnev, N. B. 65 67

[redacted]

TITLE: Investigation of the absorption of ultrasonic waves in several liquids

SOURCE: AN Turkm SSR. Fiziko-tekhnicheskiy institut. Trudy, v.8, 1962, 19-48

TOPIC TAGS: ultrasonic wave, absorption, ultrasonic property, liquids, optical measurement, ultrasonic absorption, pulse method, ultrasonic absorption measurement

ABSTRACT: The paper reports the results of experimental investigations of a pulse-type equipment for the measurement of the absorption of ultrasonic (US) waves in liquids within the frequency range from 5 to 200 mcps. The investigation generalizes the results of similar studies made over the past two years. The absorption investigations were performed by optical and pulse methods. The optical-measurement methods were based on the phenomenon of the diffraction of

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ACCESSION NR: AT3002082

waves were propagated vertically downward. The liquid investigated was placed in a vessel made of high-grade optical glass with plane-parallel walls. The bottom of the vessel was lined with glass wool to avoid the superposition of running and reflected waves in conditions of low absorption. The measurements were performed in monochromatic light. The measurement of the absorption of US waves was accomplished by a measurement of the

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through the test liquid, is again transformed into radio pulses by means of a quartz receiver. This signal subsequently is amplified in a RF receiver and delivered to an oscillograph. The absorption is determined by varying the thick-

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

SUB CODE: AI, PH NO REF SOV: 002 OTHER: 000

Card 3/3

BERDYYEV, A.A.; LEZHNEV, N.B.

Ultrasound absorption in benzene and thiophene at frequencies under 300 mc. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.3:104-106 '63. (MIRA 17:3)

1. Fiziko-tekhnicheskiy institut AN Turkmenskoy SSR.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

S/046/63/009/001/020/026
B104/B186

AUTHORS: Berdyyev, A. A., Lezhnev, N. B.

TITLE: On the problem of ultrasound absorption measurements in liquids

PERIODICAL: Akusticheskiy zhurnal, v. 9, no. 1, 1963, 113 - 115

TEXT: In equipment commonly used for the measurement of ultrasound absorption in liquids, the attenuation in a sample is compared with gauge attenuation in an r-f attenuator. The subjective errors which may arise from comparing both signals on an oscillograph screen and the beat due to the superposition of the gauge pulse and the pulse from the sample are eliminated by a new method suggested here: the acoustic and measuring circuit units have separated start-up (Fig. 1). The arrangement works on 20 - 250 Mc. The synchronizing unit (1) triggers (with a frequency of 1 kc/s) the modulator (2), which produces rectangular pulses. These pulses start up the high-frequency generator (3). This generator sends r-f pulses to the quartz-emitter $\varkappa_1$. The ultrasound pulses passing both through the liquid and through the quartz delay lines S_1 and S_2, are converted by a

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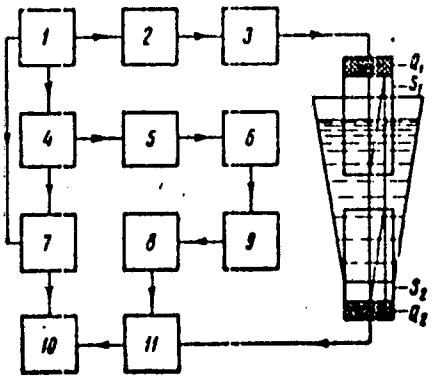
quartz receiver q_2 into r-f pulses. This signal is shown on the oscilloscope screen. The error of this method is 1 %. There are 3 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN Turkmenskoy SSR, g. Ashkhabad (Physicotechnical Institute AS Turkmenskaya SSR, Ashkhabad)

SUBMITTED: March 22, 1962

Fig. 1. Experimental arrangement.



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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

ACC NR: AP6016833 SOURCE CODE: UR/0046/66/012/002/0247/0250

AUTHOR: Berdyyev, A. A.; Lezhnev, N. B.

ORG: Physicotechnical Institute, AN Turkmenian SSR, Ashkhabad (Fiziko-tekhnicheskiy institut AN Turkmenskoy SSR)

TITLE: Method of investigation of acoustic properties of liquids at frequencies 300 - 1000 Mcs

SOURCE: Akusticheskiy zhurnal, v. 12, no. 2, 1966, 247-250

TOPIC TAGS: liquid property, acoustic property, acoustic equipment, cavity resonator, relaxation process

ABSTRACT: This is a continuation of earlier work by the authors on the absorption of ultrasound in organic liquids at high frequencies (Izv. AN Turkmenskoy SSR, ser. FTKh i GN, 1963, v. 3, 104-106). In view of the fact that the earlier high-frequency investigations were devoted either to the design of sound generators or to the use of high frequencies for investigation of solids, the authors have investigated the properties of liquids at frequencies above 300 Mcs. The experiment was based on the method of nonresonant excitation and reception of sound by piezoelectric quartz slabs and rods placed in coaxial resonators (Fig. 1). Some preliminary experiments made prior to the design of the resonator are described. The

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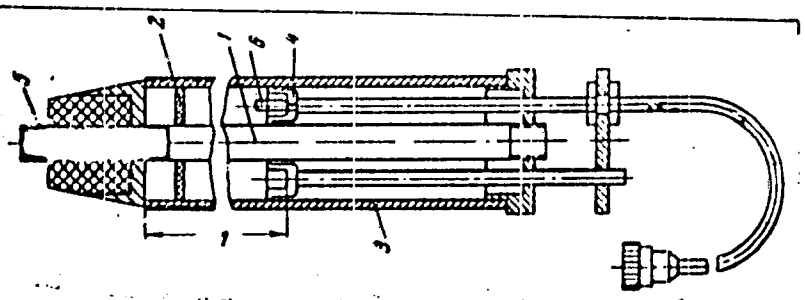

Fig. 1. Diagram of final measuring element design. 1 - Central rod of resonator, 2, 3 - outer case of resonator, 4 - plunger, 5 - coupling loop

measuring equipment and the method were standard and described earlier (Akust. zh. v. 9, 113, 1963). New data were obtained for several liquids at 20C and 3 frequencies, as listed in the table:

Substance	$\alpha/f^2 \cdot 10^{-17}$ $cm^{-1} sec^{-2}$		
	307 Mcs	482 Mcs	843 Mcs
Water	24,7	23,8	24,2
Toluene	77,8	73,5	81,0
Acetone	27,2	24,1	23,6
Benzene ||	755	435	—
Thiophene	775	460	160,0
Methylene chloride	349	177	78,2
Chloroform	365	310	246,0
Carbon tetrachloride	522	480	460,0

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ACC NR: AP6016833

The results indicate that relaxation effects occur at these frequencies in some of the liquids. The authors thank M. I. Shakhparonov, the late P. A. Bazhulin, and Ya. L. Gol'dfarb for supplying the liquid samples, and the VNIISIMS Research Institute for preparing the quartz rods. Orig. art. has: 3 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 26Dec64/ ORIG REF: 008/ OTH REF: 009

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

MERTSLIN, M.S.; BERDYYEV, A.B.

Our experience in organizing surgical treatment for patients with complicated forms of trachoma under the conditions of collective cotton farms in Turkmenia. Trudy Turk.nauch.-issl.trakh.inst. 6:17-20 '60. (MIRA 15:11)

(CONJUNCTIVITIS, GRANULAR)
(TURKMENISTAN—CONJUNCTIVA—SURGERY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

MERTSLIN, M.S.; BERDYYEV, A.B.

Immediate results of operations for tracoma carried out in rural areas of Turkmenistan. Trudy Turk.nauch.-issl.trakh.inst. 6:21-24 '60. (MIRA 15:11)

(TURKMENISTAN--CONJUNCTIVA--SURGERY)
(CONJUNCTIVITIS,GRANULAR)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

SELIKHOVICH, V.A.; TARZIYEV, Z.Sh.; BERDYYEV, D.B., agronom-inspektor

Quarantine inspection helps the collective farm. Zashch. rast. of vred. i bol. 7 no.9:47-48 S '62. (MIRA 16:8)

1. Direktor laboratorii Uzbekskoy karantinnoy inspektsii (for Selikhovich). 2. Nachal'nik Tashkentskoy oblastnoy karantinnoy inspektsii (for Tarziyev).
(Uzbekistan--Insects, injurious and beneficial)
(Uzbekistan--Dodder)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

KALMYKOV, Ye.S.; KHERDYYEV, Kh.B.; IVANENKO, A.K.; LYAPIN, P.D.

On the way to the complete elimination of malaria in the Tajik S.S.R. Zdrav. Tadzh. 7 no.1:14-17 Ja-F '60. (MIRA 13:5)

1. Iz Stalinabadskogo Instituta epidemiologii i gigiyeny i Respublikanskoy sanitarnoy epidemiologicheskoy stantsii Tadzhikskoy SSR.

(TAJIKISTAN--MALARIA--PREVENTION)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEV, Kh.B.; BUSHUYEVA, G.I.; YELFIMOVA, V.Z.; SALTAYEV, V.N.

Plan of measures for the elimination of diphtheria in the Tajik S.S.R. Zdrav. Tadzh. 7 no.4:46-48 Jl-Ag '60. (MIRA 13:9)
(TAJIKISTAN—DIPHTHERIA)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

LYSENKO, A.Ya.; KALMYKOV, Ye.S.; FASTOVSKAYA, E.I.; BERDYYEV, Kh.B.; IVANENKO, A.K.; LYAPIN, P.D.

Principal results of three years' work for the extermination of malaria as a mass disease in the Tajik S.S.R. Sbor. rab. po mal. i gel'min. no.2:5-19 '59. (MIRA 15:3)
(TAJIKISTAN--MALARIA)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEV, Kh.B.; MEZHANSKAYA, N.S.

Functional changes in the liver in helminthiasis. Sbor. rab. po mal. i gel'min. no.2:215-218 '59. (MIRA 15:3)
([redacted])
(WORMS, INTESTINAL AND PARASITIC)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

FISHER, G.S., inzh.; BERDYYEV, N.M., inzh.

Twenty thousand cubic meters of precast concrete in one year. Avt.dor. 25 no.5:14-17 My '62. (MIRA 15:6)
(Moscow—Precast concrete construction)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEV, O.

Percolation of ground water into main drains and collecting laterals. Izv.AN Turk. SSR. Ser. biol. nauk no.1:75-77 '61. (MIRA 14:8)

1. Turkmenskoy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii Ministerstva vodnogo khozyaystva Turkmenskoy SSR. (DRAINAGE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEV, O., inzh.

Use of piezometers in investigating the work of collecting drainage lines. Gidr. i mel. 14 no.1:49-51 Ja '62. (MIRA 15:1)

1. Turkmenskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii.
(Chardzhou Province--Drainage research)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Second Conference of Physiologists, Biochemists, and Pharmacologists of the Republics of Central Asia and Kazakhstan. Izv. AN Turk. SSR. Ser. biol. nauk no.4:88-89 '61. (MIRA 14:10)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.
(PHYSIOLOGY--CONGRESSES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, N.

Damage caused to different apple varieties by the codling moth in Turkmenistan. Izv. AN Turk. SSR. Ser. biol. nauk no.4:69-72 '61. (MIRA 14:10)

1. Turkmenskiy nauchno-issledovatel'skiy institut zemledeliya Ministerstva sel'skogo khozyaystva Turkmenskoy SSR.
(TURKMENISTAN—CODLING MOTH)
(APPLE—DISEASES AND PESTS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I.

New method for the determination of bile pigments in the urine.
Lab.delo 6 no.3:57 My-Je '60. (MIRA 13:7)
(BILE PIGMENTS)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

KALCHAYEV, Kerbay; TRUITSE, Yuriy Lyudvigovich; BERDYYEVA, A.A., kand. fiz.-matem. nauk, red.; KUZ'MENKO, A.I., red. izd-va; IVONT'YEVA, G.A., tekhn. red.

[Observations of the internal radiation of the upper atmosphere performed at Ashkhabad]Nabliudenie sobstvennogo izlucheniia verkhnei atmosfery v Ashkhabade. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 37 p. (MIRA 16:2)
(Ashkhabad--Atmosphere, Upper)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Comparative effect of large and small doses of the poison of Vipera lebetina on the permeability vessels and tissues of the internal organs. Zdrav.Turk. 3 no.3:29-31 My-Je '59. (MIRA 12:11)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof.V.A.Yusin) Turkmenskogo gosudarstvennogo meditsinskogo instituta im. I.V. Stalina.

(VENOM--PHYSIOLOGICAL EFFECT)
(TISSUES--PERMEABILITY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Influence of novocaine on the permeability of the vessels of animals poisoned with vernom of Vipera lebetina. Zdrav. Turk. 4 no. 2:29-32 Mr-Ap '60. (MIRA 13:10)

1. Iz kafedry patofiziologii (zav. - prov. V.A. Yusin) Turkmenskogo gosudarstvennogo meditsinskogo instituta im. I.V. Stalina.
(NOVOCAINE) (BLOOD VESSELS) (VENOM--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A. T., CAND MED SCI, "[redacted] OF POISON OF [redacted] VIPER AND COBRA [redacted] SNAKES [redacted] THE [redacted] PERMEABILITY OF INTERNAL ORGANS." TASHKENT, 1960. (TASHKENT STATE MED INST). (KL, 2-61, 217).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Effect of overheating on the differential leucocyte count and phagocytic activity of leucocytes. Izv.AN Turk.SSR.Ser.biol.nauk no.3:66-70 '62. (MIRA 15:9)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.
(LEUCOCYTES) (HEAT—PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Treatment of snake bites. Priroda 51 no.10:62 O '62. (MIRA 15:10)

(VENOM--PHYSIOLOGICAL EFFECT) (NOVOCAINE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Trypan skin test for studying the permeation of blood-carrying capillaries in the case of poisoning by snake venom. Izv.AN Turk.SSR.Ser.biol.nauk no.5:67-71 '62. (MIRA 15:11)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.
(CAPILLAIRES--PERMEABILITY) (TRYPAN BLUE)
(VENOM--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HERDYYEVA, A.T.

Change in the quantity of blood leucocytes during overheating. Zdrav.Turk. 6 no.6:11-15 N-D '62. (MIRA 16:3)

1. Iz Instituta krayevoy meditsiny AN Turkmenskoy SSR (dir. A.Kh. Babayev).
(LEUCOCYTES) (HEAT—PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, A.T.

Effect of dehydration on the amount of leucocytes in the blood. Izv. AN Turk. SSR, Ser. biol. nauk no.3:86-89 '63. (MIRA 17:1)

1. Institut krayevoy meditsiny AN Turkmenskoy SSR.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, Kh. B.

"Experience in Mass Measures for Reducing Infection of the Population with Ascaridosis".

Report presented at the Scientific Conference of the Dushanbe Inst. of Epidemiology, Hygiene, Bacteriology, Virology and Parasitology, held in Dushanbe, December 1962, (Zdravookhraneniye Tadzhikistana, Dushanbe, No. 3, 1963 pp 40-41).

Report of co-workers of

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

L 35852-66 EWT(m)

ACC NR: AP6011420 (A) SOURCE CODE: UR/0202/66/000/002/0048/0055

AUTHOR: Berdyyeva, R. S.

ORG: Turkmenian Polytechnic Institute (Turkmenskiy politekhnicheskiy institut)

TITLE: Strength of lightly-reinforced prestressed concrete structures under seismic-type load

SOURCE: AN TurkmSSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk, no. 2, 1966, 48-55

TOPIC TAGS: reinforced concrete, bending strength, ~~prestressed reinforced concrete~~

ABSTRACT: Five types of beams differing by their reinforcement steels (St. 3, 35GS, 30KhG2S) and degrees of prestressing were dynamically tested for bending strength; seismic-type load (a few recurrent loadings) was simulated by a

Card 1/2 UDC: 624.92+624.072.2

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L 35852-66

ACC NR: AP6011420

Losenhausenwerk — SBE machine. These experimental results are reported: (1) The strength of reinforced-concrete beams under seismic-type load was higher than that under static conditions on a number of occasions; (2) The relation between the strength and the logarithm of the number of loadings is linear for all beam types; (3) Prestressing does not influence the strength of 35GS- and 30KhG2S-steel reinforced beams; (4) Under overload conditions, the carrying capacity of the beams falls off; the strength reduction has a linear relation to the amount of energy spent for destruction in overload cycles; (5) The dynamic-load energy required for beam destruction is greater than that under static-load conditions. Orig. art. has: 3 figures and 10 formulas.

SUB CODE: 11, 13 / SUBM DATE: 08Dec65 / ORIG REF: 002 / OTH REF: 002

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I.

Antimicrobic properties of green tea. Izv.AN Turk.SSR no.3:78-79 '55. (MLRA 9:5)

1. Turkmenskiy institut epidemiologii i mikrobiologii.
(TEA--THERAPEUTIC USE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I.

STEPANIYAN, Ye.G.; BERDYYEVA, S.I.

Comparative rating of nutrient media made with distilled and tap water. Lab.delo 3 no.3:54-55 My-Je '57. (MIRA 10:9)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny.
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I.

Effects of green tea in the treatment of dysentery. Sov.med. 21 no.3:109-110 Mr '57. (MLRA 10:7)

1. Iz Ashkhabadskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(DYSENTERY, ther.
green tea)
(TEA, ther. use
green tea in dysentery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I., kand. med. nauk

Some data on the side effects of antibiotics in dysentery. Zdrav. Turk. 2 no.4:15-19 Jl-Ag '58. (MIRA 12:6)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - Yu.V. Skavinskiy).
(ANTIBIOTICS) (DYSENTERY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BOKUCHAVA, M.A.; BERDYYEVA, S.I.

Bacteriostatic and bactericidal properties of the different fractions of tea tannin with regard to certain bacteria of the enteric group. Biokhim.chain.proizv. no.7:209-213 '59. (MIRA 13:5)

1. Institut biokhimii im. A.N. Bakha AN SSSR, Moskva i Turkmenskiy institut epidemiologii i mikrobiologii, Ashkhabad.
(TANNIN) (TEA)
(INTESTINES--BACTERIOLOGY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

STEPANYAN, Ye.G.; BERDYYEVA, S.I.

Improvement in the quality of bacteriological diagnosis of typhoid and paratyphoid infections. Zdrav. Turk. 4 no.5:27-29 S-O '60. (MIRA 13:12)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S. Popova).

(TYPHOID FEVER) (PARATYPHOID FEVER)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDYYEVA, S.I.; SHAFEROVA, K.A.; KORSUNOVA, L.I.

Diagnosis of colionteritis in very young children and its treatment with "OZCh" preparation. Zdrav. Turk. 5 no.5:24-27 S-O '61. (MIRA 14:12)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S.Popova) i detskikh yasley No.7 (vrach L.I.Korsunova).
(INTESTINES—DISEASES) (TEA—THERAPEUTIC USE)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDZENISHVILI, B.G.; VAYNSHTEYN, B.Z.; ZHITKOV, N.Ya.; KUCHAVA, V.A.

Lightened pantograph for high-speed rolling stock. Elek. i tepl. tiaga 7 no.3:6-7 Mr '63. (MIRA 16:6)

1. Sotrudniki otdela elektricheskoy tyagi Nauchno-issledovatel'skogo elektrotekhnicheskogo instituta Soveta narodnogo khozyaystva Gruzinskoy SSR.
(Electric railroads--Wires and wiring)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDZENISHVILI, D.K.

Unknown inscription of the Emir of Dmanisi from the TSinezauri ravine. Soob. AN Gruz. SSR 33 no.3:745-752 Mr '64
(MIRA 17:8)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDZENISHVILI, L

433

Kockhoz im. "Akhalgazrda Komunisti" Sela Dzimiti Makharo dzevskogo Rayona. Tbilisi, Izo-uo Gruz. S-kh. in-ra, 1954. 48 s. S iu. 23 sm (M-uo sel'khozgiz, 1954. 182S. S iu. 21 sm. 15,000 eks. 3r. 90 k. V per. (54-55282) F 338.1K (47.73 2)

SO: Knizhnaya, Letopis, Vol. 1, 1955

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

SIKHARULIDZE, Yuriy Moyseyevich, dotsent, kand.istor.nauk; BERDZENISHVILI, N., akademik, red.; KUNCHULIA, G., tekhn.red.

[Toponymy of southwestern Georgia (Adzhar A.S.S.R.)] Toponimika IUgo-zapadnoi Gruzii (Adzharskaia ASSR). Batumi, Gos.izd-vo. Vol.2. 1959. 189 p. (MIRA 14:1)
(Adzhar A.S.S.R.--Names, Geographical)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

1. BERDZENSHVILI, L.I., KVARATSHKELIYA, N.T.

2. USSR (600)

4. Citrus Fruits

7. Intercropping a citrus orchard with perennial grasses. Sad i og. no. 11. 1952

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

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERDZENISHVILI, S. V., Cand Phys-Math Sci -- "Problems of deformation of beams, similar to prismatic ones, ~~consist~~ composed ~~ing~~ of various elastic materials." Tbilisi, Pub House of Acad Sci GSSR, 1961. (Acad Sci GSSR. Tbilisi Math Inst im A. M. Razmadze) (KL, 8-61, 225)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

Berea, L

9

POPOVICI, V. V.
SURNAME (in caps): Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului)

Source: Bucharest, Probleme Zootehnice si Veterinare, No 4, 1961, pp 11-18.

Data: "Organization of the Green Corn Conveyor for Bulls."

Co-authors:

BEREA, L., Engineer, Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului).
STRIMBU, I., Engineer, Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului).
STANESCU, I., Engineer, Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului).
CHIRITA, N., Engineer, Research Institute for the Cultivation of Corn (Institutul de Cercetari pentru Cultura Porumbului).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREA, Liviu

Pickling by chemical pastes and its utilization at the Independenta Plants, Sibiu. Metalurgia constr mas 14 no.7:612-615 J. '62.

1. Uzina "Independenta", Sibiu.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

TRATTNER, E.; BEREANU, B.; COSTAN, P.; DOMSA, F.; ENACHE, V.; HERTZOG, L.
[illegible]

Simulating harvesting campaign and sugar manufacturing by an electronic duration determination of the manufacturing campaign. Probleme automatic 1[illegible]-201 5 N '62.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREANU, B.

"Studies in the mathematical theory of inventory and production" by Kenneth J. Arrow, Samuel Karlin, Herbert Scarf. Reviewed by B. Bereanu. Rev math pures 8 no.1:208-210 '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREANU, B.

A stochastic dynamic problem. Studii cerc mat 14 no.3:391-404 '63.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREANU, B.

Stochastic transportation problem. Pts. 1-2. Comunicarile AR 13 no.4:325-337 Ap '63.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Academiei R.P.R.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREANU, B.

On stochastic linear programming. Comunicarile AR 13 no.6: 517-522 Je '63.

1. Comunicare prezentata de academician Gh. Mihoc.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREANU, B.

A property of convex functions with application to nonlinear programming. Comunicarile AR 13 no.9:783-788 S'63.

1. Communicare prezentata de academician Gh.Mihoc.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERFBEYCHIK, N. M.

"Investigating Electrical Conductivity and Dielectric Losses in Certain Silicate Glasses." Cand Tech Sci, /No Inst given/, Leningrad, 1954. (RZhKhim, No 6, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

SYKO, Miklos; BEREC, Antal

The new alkalichloride-electrolysis plant of the Budapest Chemical Works. Magy kem lap 18 no.2/3:2-3 of cover Febr '63.

1. Budapesti Vegyimuvek. 2. "Magyar Kemikusok Lapja" szerkeszto bozottsagi tagja (for Syko).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

SZCZEPANSKI, Leszek; BEREC, Henryk; WISNIEWSKA, Maria

Behavior of manganese in the blood serum and erythrocytes in chronic cardiac insufficiency. Pol. arch. med. wewn. 33 no.6:675-682 '63.

1. Z II Kliniki Chorob Wewnetrznych AM w Lublinie Kierownik prof. dr med. A.R. Tusnkiewicz Z Laboratorium Centralnego PSK nr 1 w Lublinie Kierownik: doc. dr med. T. Borkowski.
(HEART FAILURE, CONGESTIVE) (MANGANESE)
(BLOOD CHEMICAL ANALYSIS) (ERYTHROCYTES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECHET, ANA

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 8, Aug 1961, pp 483-486.

Data: "Investigations on Thiazols. Note I. Synthesis of Certain Hydrazones with a Tuberculostatic Action."

Authors:

TEFAS, D., -Pharmacist.-
BERECHET, Ana, -Pharmacist.-
CHIRITA, C., -Pharmacist.-
PUSCARU, E., -Conf.-

GPO 961643

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

PUSCARU, E., assist. prof.; TEFAS, D.; BERECHET, Ana; CHIRITA, C.

Contributions to the study of derivatives of the thiourea type exerting an antitrichomonadic action. Rumanian M Rev. no.2:87-90 Ap-Je '60.
(TRICHOMONAS pharmacology) (THIAZOLES pharmacology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECHET, Eleonora; GRIGORIU, S.

Electronic controlling apparatus for semifinished textiles and textile threads. Ind text Rum 13 no.7:298-300 Jl '62.

1. Fabrica "Tesatura", Iasi.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

L 44754-66

ACC NR: AP6032896 SOURCE CODE: RU/0004/65/000/007/0252/0258

AUTHOR: Berechet, Mircea (Engineer; Assistant chief of trust; Cimpina)

ORG: "Energopetrol" Trust, Cimpina (Trustul "Energopetrol")

TITLE: New method of starting low-voltage asynchronous electromotors with short-circuited rotors and its applications in oil and gas fields

SOURCE: Electrotechnica, no. 7, 1965, 252-258

TOPIC TAGS: electric motor, automation equipment, electric transformer

ABSTRACT: The author describes a novel method for starting low-voltage asynchronous electric motors with short-circuited rotors. The method provides a sizable starting moment, allows the automation of controls and permits the elimination of starting transformers, while using only a minimal number of contacts. This method has been used mainly in the United States in industrial enterprises; the author analyzes its application in the oil and gas fields. Orig. art. has: 6 figures, 9 formulas and 2 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 09, 13 / SUBM DATE: 10Apr65 / ORIG REF: 002 / OTH REF: 002

Card 1/1 UDC: 621.313.333.2-573:665.5

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

KUZHMAN, G.I.; GUTSUNAYEV, V.K.; BERECHEVICH, V.V.

[Spreading hydraulic peat by machinery] Mekhanizatsiia razliva gidrotorfa. Moskva, Gos. energ. izd-vo, 1953. 119 p. (MLRA 7:5)
(Peat industry)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECKA, Maria

Spectrographic determinations of impurities in pure tin.
Chemia anal 7 no.1:223-226 '62.

1. The Wroclaw Metal Refinery Works, Wroclaw.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECKA, M.

Multiple thread cutting on a center lathe. Jemna mech opt 8 no.7:225-226 Jl '63.

1. NCHZ Valasske Mezirici.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

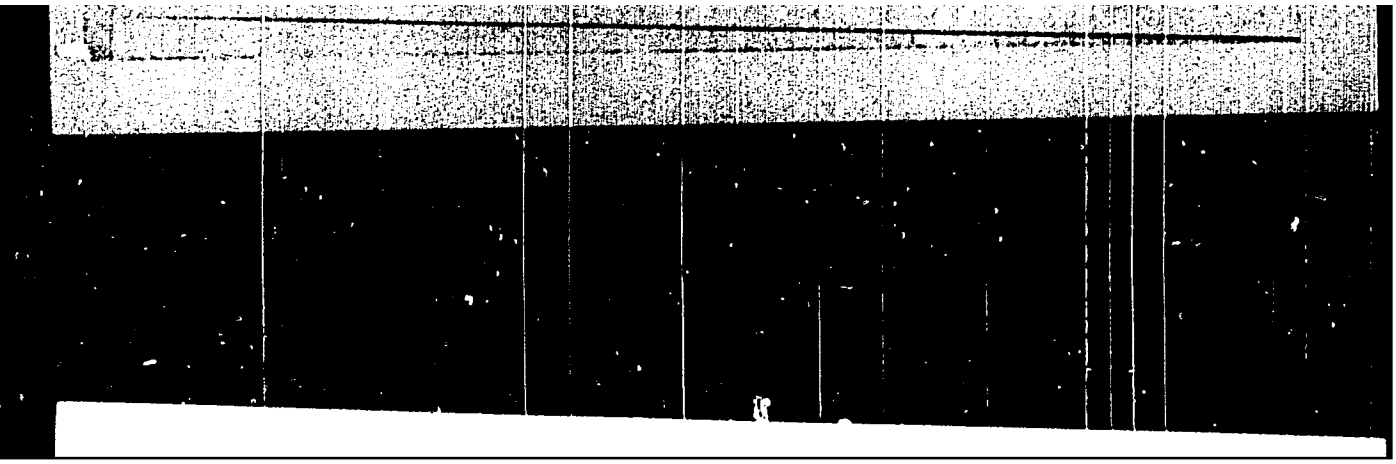
"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECKI, M

M

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7



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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

R-3

CZECHOSLOVAKIA/Diseases of Farm Animals - Diseases Caused by Helminths.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50204

Author : Vodrazka, J., Berecky, I., Sokol, J., Hanko, J.

Inst. : -

Title : The Problem of Using Piperazine for the Treatment of Horses.

Orig Pub : Veterinarstvi, 1957, 7, No 9, 273-275

Abstract : The authors conducted tests which revealed that piperazine adipate and citrate are 100 percent effective when used in doses of 0.25 gr/kg in treating parascariasis in colts. These preparations were equally effective against immature as well as mature forms of the parasite. Good therapeutic results were also obtained with the same preparations in treating strongylinsis. They were less effective, however, against oxyurosis.

Card 1/1

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics - Statistical Physics. Thermodynamics. D

Abs Jour : Ref Zhur - Fizika, No 8, 1959, 17592

Author : Berecz, Endre

Inst : Fiz. Kem. es Radiologiai, Budapest, Hungary

Title : Certain New Results in the Thermodynamics of Multi-Component Heterogeneous Systems. III. Investigation of the Isotherms-Isobars of Multi-Component Systems of the Basis of Sztoronkin's Theory of Phase Equilibriums

Orig Pub : Magyar tud. akad. Kem. tud. osztt. kozl., 1958, 10, No 3, 247-263

Abstract : The author expounds Sztoronkin's theory of phase equilibriums, the general relations pertaining to phase equilibriums, and also their representation by isotherm-isobars in three-component systems. The possible method of

Card 1/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics - Statistical Physics. D
Thermodynamics.

Abs Jour : Ref Zhur Fizika, No 6, 1959, 17592

experimental verification of phase equilibriums are discussed, and it is indicated that the thermodynamic connection between the phase equilibriums and the isotherm-isobars is correct for the isotherms of solubility, thanks to which it becomes possible to investigate the latter thermodynamically.
For part II see Magyar Tud. Akad. Kemiai Tud. Oszt. Kozl. 1958, 9, 354. -- V.I. Lend'yel

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics - Statistical Physics. Thermodynamics.

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17593

Author : Bereez Endre

Inst : Fiz. Kem. es Radiologiai, Budapest, Hungary

Title : Certain New Results in the Thermodynamics of Multi-Component Heterogeneous Systems. IV. Investigation of Thermodynamically Permissible Isotherms of Solubility of Three-Component Saturated Solutions of Salts

Orig Pub : Magyar tud. akad. Kem. tud. osztt. kozl., 1958, 10, No 3, 265-294

Abstract : The author discusses the application of the theory of phase equilibriums to a study of isotherms of solubility of three-component saturated solutions of salt. On the basis of the thermodynamic considerations, a

Card 1/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics - Statistical Physics. Thermodynamics. D

Abs Jour : Ref Zhur - Fizika, No 8, 1959, 17593

discussion is given of the possible variation of the solubility isotherms for the case when the solid phase consists of 1, 2, or 3 components. The thermodynamically possible isotherms are systematized. Experimental investigations of the systems ammonium chloride -- hydrochloric acid and calcium chloride -- hydrochloric acid -- water confirm the theoretical conclusions. On the basis of an examination of the experimental results for the systems potassium chloride -- hydrochloric acid -- water and sodium bromide -- methyl alcohol -- water, it is indicated that there are further possibilities of using the theory.

For Part III see Abstract 17592. -- V.I. Lend'yel

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics - Statistical Physics. Thermodynamics. D

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17594

Author : Berecz, Endre

Inst : Fiz. Kem. es Radiologiai, Budapest, Hungary

Title : Certain New Results on the Thermodynamics of Multi-Component Heterogeneous Systems. V. Total Gas Pressure of Three-Component, Three-Phase Systems, and an Investigation of the Dependence of the Isotherms on the Composition.

Orig Pub : Magyar tud. akad. Kem. tud. oszt. kozl., 1958, 10, No 3, 305-328

Abstract : The author describes a theoretical method for investigating the isotherms of total gas pressure of three-component and three-phase systems as functions of the composition

Card 1/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY/Atomic and Molecular Physics. - Statistical Physics. Thermodynamics.

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17594

for all case of the distribution of the components among the solid, liquid, and gas phases. A connection is established between the elements of the Gibbs triangle and the character of the curve of gas pressure of a three-component, three-phase system. It is confirmed experimentally that in systems ammonium chloride -- hydrochloric acid -- water and calcium chloride -- hydrochloric acid -- water, the foregoing derived relationships do occur.
For Part IV see Abstract 17593. -- V.I. Lend'yel

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY / Physical Chemistry. Thermodynamics. Equilibrium. Phase Transitions. Physicochemical Analysis. B-8

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26403.

Author : Berecz, E.
Inst : Hungarian Academy of Sciences.
Title : Thermodynamic Studies of Ternary Salt Solutions.

Orig Pub: Acta Chim Acad Sci Hung, 15, No 3, 301-314 (1958) (in German with English and Russian summaries).

Abstract: The solubility of the solid component at 25° in the systems NH_4Cl-HCl-H_2O and $CaCl_2$-HCl-H_2O has been measured. Diagrams showing the dependence of the partial pressure of HCl and H_2O and of the total pressure on the HCl concentrations are given for the above-indicated ternary systems and for the binary system HCl-H_2O. The azeotropic point of the binary system is shifted to lower HCl concentrations

Card 1/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY / Physical Chemistry. Thermodynamics. Equili- B-8
brium. Phase Transitions. Physicochemical Analysis.

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26403.

Abstract: by the addition of NH_4Cl and $CaCl_2$; in the NH_4Cl system the minimum in the PC curve is lowered whereas in the $CaCl_2$ system it disappears altogether. The position of the co-nodes ['konnod'] in the systems has been fixed. The experimental evidence obtained confirms the correctness of the thermodynamic equations of Storonkin (RZhKhim, 1955, 7152; 39727). The relationship between the shape of the vapor pressure curve and the composition of the coexisting phases in the investigated ternary solutions has been established. The vapor pressure and solubility data have been used in plotting the isothermal evaporation lines for the systems, using triangular diagrams. -- A. Zolotarevskiy.

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, E.

SOURCE

PERIODICALS: ~~ACTA ZOOLOGICA~~. Vol. 64, No. 7/8 July/Aug. 1958
MAGYAR KEMIAI FOLYOIRAT

Berecz, E. Physicochemical investigation of three-component electrolyte solutions. p. 274

Monthly list of East European Accessions (EEAI) LC, Vol. 3, No. 2, February 1959, Unclass.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Andro, ANDRAS, Laszlo; GEIGER, Istvan

Physicochemical investigation of the three-component aqueous electrolyte solutions. I. Investigation of the density of MaCl-HCl-H_2O system. Magy kem folyoir 66 no. 3:85-90 Mr '60.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologiai Tanszeke, Budapest.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

MISCHENKO, K. P. (Mishchenko, K. P.); BERECZ, Endre (translator)

Mendeleyev's theory on solutions. Magy kem folyt 66 no. 6:234-238 Je'60.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Endre; ANDRAS, Laszlo; GEIGER, Istvan

Physicochemical investigation of the three-component aqueous electrolyte solutions. II. Study of the NaCl-HCl-H_2O system. Magy kem folyoir 66 no.8:291-296 Ag '60.

1. Eotvos Lorand Tudomanyegyetem Fizikai Kemiai es Radiologiai Tanszeke.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREGZ, Endre (Budapest VIII., Puskin u.11-13); HORANYI, Gyorgy (Budapest VIII., Puskin u.11-13)

Physicochemical investigation of aqueous ternary electrolyte solutions. V. Investigation of the density and viscosity of LiCl-HCl-H_2O system. Acta chimica Hung 29 no.2:157-169 '61.

1. Lehrstuhl fur physikalische Chemie und Radiologie der L. Eotvos Universitat.

(Electrolytes) (Systems(Chemistry))
(Lithium chloride) (Hydrochloric acid)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERICZ, Andre (Budapest VIII., Puskin u.11-13); HORANYI, Gyorgy (Budapest VIII., Puskin u.11-13)

Physicochemical investigation of aqueous ternary electrolyte solutions. VI. Investigation of the conductance of LiCl-HCl-H_2O system. Acta chimica Hung 29 no.3:297-307 '61.

1. Lehrstuhl fur physikalische Chemie und Radiologie der L. Eotvos Universitat.

(Electrolytes) (Lithium chloride)
(Hydrochloric acid)
(Systems(Chemistry))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

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BERECZ, Endre; HORANYI, Gyorgy

Physicochemical investigation of the three-component aqueous electrolyte solutions. IV. Investigation of the solubility of LiCl and its equilibrium solid-phase composition in hydrochloric acid solutions on 25 C°. Magy kem folyoir 67 no.3:126-128 Mr '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai Kemiai es Radiolobiai Tanszeke, Budapest.

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BERECZ, Endre; HORANYI, Gyorgy

Physicochemical investigation of the three-component aqueous electrolyte solutions. V. Density and viscosity of the LiCl-HCl-H_2O system. Magy kem folyoir 67 no.4:152-157 Ap '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologiai Tanszeke, Budapest.

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BEREGZ, Endre; HORANYI, Gyorgy

Physicochemical investigation of the three-component aqueous electrolyte solutions.VI. Conductibility studies in the LiCl-HCl-H_2O system. Magy kem folyoir 67 no.4:157-162 Ap '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologiai Tanszeke, Budapest.

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BERECZ, Endre; ANDRAS, Laszlo; GEIGER, Istvan

Physicochemical investigation of the three-component aqueous electrolyte solutions. III. Conductibility investigation of the NaCl-HCl-H_2O system. (To be contd). Magy kem folyoir 67 no. 3:119-125 Mr '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai Kemiai es Radiologiai Tanszeke, Budapest.

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BERECZ, Endre, a kemiai tudomanyok kandidatusa, egyetemi docens

"Metallurgical physical chemistry" by Aurel Horvath. Reviewed by Endre Berecz. Magy tud 69 no.6/7:465-466 Je-Jl '62.

1. Eotvos Lorand Tudomanyegyetem, Budapest.

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SZABO, Zoltan, egyetemi tanar; POLINSZKY, Karoly, a kemiai tudomanyok doktora; MATOLCSY, Kalman, a kemiai tudomanyok kandidatusa; LEVAY, Gyula; NAGY, Ferenc, a kemiai tudomanyok doktora; FERECZ, Endre, a kemiai tudomanyok kandidatusa docens; KORACH, Mor, akademikus; LENGYEL, Sandor, a kemiai tudomanyok doktora; SCHAY, Geza, akademikus, egyetemi tanar; ERDEY-GRUZ, Tibor, akademikus

1. Problems of and experiences with coordinating the main task of the long-range research entitled "Investigation of the mechanism of chemical processes as well as the regularities of chemical industrial operations." Kem tud kozl MTA 20 no.2: 199-229 '63.

1. Magyar Tudomanyos Akademia levelezo tagja; "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagha (for Szabo). 2. Veszpremi Vegyipari Egyetem rektora; "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Polinszky). 3. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete igazgatohelyettese (for Nagy). 4. Eotvos Lorand Tudomanyegyetem Fizikai Kemiai es Radiologiai Tanszeke. 5. Magyar Tudomanyos Akademia Muszaki Kemiai Kutato Intezetenek igazgatoja; "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Korach). 6. Akademia Elektrokemiai Kutato Csoport vezetoje; "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Lengyel). (cont. on next card.)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Endre; VERTES, Gyorgy

Viscosimetry of three-component solution systems. Magy kem folyoir 70 no.3:106-113 Mr '64.

1. Chair of Physicochemistry and Radiology, Lorand Eotvos University, Budapest, and Electrochemical Research Group, Hungarian Academy of Sciences.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BEREGZ, Endre

Isotherm evaporation tests in three-component salt solutions. Magy kem folyoir 70 no.10:426-432 O '64.

1. Chair of Physical Chemistry, Technical University of Heavy Industry, Miskolc.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

L 46794-66 EWT(1) IJP(c) WA/GG

ACC NR: AP6032792 SOURCE CODE: HU/0034/65/013/005/0399/0409

AUTHOR: Barecz, Endre; Gellen, Gyorgy

ORG: Department for General and Physical Chemistry, Technical University for the Heavy Industry, Miskolc (Nehezipari Muszaki Egyetem, Altalanos es Fizikai kemiai Tanszek)

TITLE: Some problems in the measurement of the dielectric characteristics of liquids and solutions of high electrical conductivity in the microwave frequency range

SOURCE: Magyar fizikai folyoirat, v. 13, no. 5, 1965, 399-409

TOPIC TAGS: dielectric property, electric conductivity, microwave technology

ABSTRACT: The non-resonant technique, in its reflection and transmission forms, was investigated to establish whether it is suitable for the determination of the dielectric characteristics of liquids and solutions in the microwave frequency range. The former form was found to be the more convenient but the less accurate; the latter, the less convenient but the more accurate. In the latter form only part of the signal applied enters the measuring stage; it is capable of further development, resulting in even better accuracy. Orig. art. has: 3 figures, 32 formulas and 5 tables. [JPRS: 35,327]

SUB CODE: 20, 09 / SUBM DATE: 20Feb65 / SOV REF: 001 / OTH REF: 003

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, I.; BERENYI, D.

Some vacuum-technical solutions and experiences in the construction of a beta spectrometer. p. 553.
(MAGYAR FIZIKAI FOLYOIRAT, Vol. 4, no. 6, 1956. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sep. 1957. Uncl.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

HUNGARY / Laboratory Equipment. Instrumentation. F

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1112.

Author : Berecz, I., Medvecsky, L.
Inst : Not given.
Title : A Laboratory Vacuum Evaporating Apparatus.

Orig Pub: Magyar fiz. folyoirat, 1957, 5, No 6, 533-536.

Abstract: A detailed description is given for a universal laboratory vacuum evaporating unit. -- S. Rosenfel'd.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

Distr: 4E3c/4E3d/4E2g(j)

Low-voltage neutron generator. Istvan Berecz, Mrs. Gy. Hornemisza, and [illegible] 6 431-3(1958).—The voltage supply of the neutron generator was a 50 cycle x-ray transformer. The target consisted of T, adsorbed in Zr. $T^2(d,n)He^4$ reactions were chosen for the production of n. The cross section of this reaction has a max. at 100 kv. The calcd. yield is around 1.5% detd. with a Ra-Be source of known flux. The neutrons produced were counted with a scintillation counter (ZnS mixed with polystyrene). B. Rona

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COUNTRY : Hungary
CATEGORY :

ABS. JOUR. : RZKhim., No. 22 1959, No. 78424

AUTHOR : Berecz, I. and Kosa, G.
INST. : Not given
TITLE : A Bellows-Type Manometer

ORIG. PUB. : Magyar Fiz Folyoirat, 6, No 6, 577-578 (1958)

ABSTRACT : The manometer consists of a bellows which is connected to the gas the pressure of which is to be measured. The deformation of the bellows is measured by a pointer micrometer with a precision of 0.01 mm. In order to eliminate the effect of changes in atmospheric pressure, the entire device is enclosed in a sealed glass jar; the latter feature also makes it possible to use the device as a differential manometer.

I. Krishtofori

CARD: 1/1

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Istvan

Some problems relating to the construction of up-to-date oil diffusion pumps and the description of pumps made by the Institute of Nuclear Research in Debrecen, Hungarian Academy of Sciences. ATOMKI kozl 1 no. 1:51-64 '59.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Istvan, tudomanyos munkatars; SCHADEK, Janos, gepeszmernok

Electromagnetically controlled large vacuum valve. ATOMKI kozl 2 no. 3:249-250 '60.

1. Magyar Tudomanyos Akademia Atommag Kutato Intezete, Debrecen.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Istvan; GOMBOS, Peter

Connection of combined vacuum gauge operating in the range of a $1 \cdot 10^{-7}$ Hgmm. pressure. Magy fiz folyoir 8 no.1:31-35 '60.

(EEAI 9:10)

1. Magyar Tudomanyos Akademia, Atommag Kutato Intezete, Debrecen.
(Vacuum gauges) (Ionization)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

NAGY, Janos; GOMBOS, Peter; BERECZ, Istvan, tudomanyos munkatars; MUCSI, Janos uvegtechnikus

Electrolyzer for obtaining pure H_2/D_2/gas. ATOMKI kozl 3 no.4:231-233 '61.

1. Magyar Tudomanyos Akademia Atomag Kutato Intezete, Debrecen.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200030009-7

BERECZ, Istvan

Description of vacuum technical tools and appliances worked out in the Nuclear Research Institute, Hungarian Academy of Sciences. ATOMKI kozl 3 no.4:237-245 '61.

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