

INGRISCH. B.

Chemical engineering nomographs.

(Supplement) p. III. (Chemicky Prumysl. Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

INGRISH

CZECHOSLOVAKIA / Chemical Technology. Processes & Equipment. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39854.

Author : Ingrish.

Inst : Not given.

Title : Nomograph Chart for the Computation of the Heat Transfer in Apparatus Equipped with a Stirrer.

Orig Pub: Chem. Prumysl, 1957, 7, No 12, 656-657.

Abstract: A nomograph chart is given, corresponding to the equation

$$Nu = 0.08Re^{0.75}Pr^{0.37}.$$

Card 1/1

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H-2
and Their Application. Chemical Engin-
eering.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77929.

Author : Ingrisch, Bedrich.

Inst : Not given.

Title : Nomogram for Determination of Losses of Heat in
Insulated Pipe-Lines.

Orig Pub: Chem. prumysl, 1958, 8, No 3, 136-140.

Abstract: No abstract.

Card 1/1

INGRISCH, Bedrich

Forming of dew on insulated tubes. Chem prum 12 no.2:86-87 F 162.

INGRISCH, Bedrich,

Self-supportedness of pipelines. Chem prum 12 no.3:141-143 Mr
'62.

L 39821-66 GD-2

ACC NR: AF6020004

SOURCE CODE: CZ/0079/65/007/003/0291/0291

AUTHOR: Nahunek, K. (Brno); Misurec, J.; Rodova, A.; Ingrova, I.; Bartova, D. ^{1B}

ORG: Psychiatric Clinic, J. Ev. Purkyně University, Brno; Psychiatric Hospital, Brno

TITLE: Some clinical and experimental experience with proheptatrien ²² [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jeseník, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 291

TOPIC TAGS: therapeutics, drug treatment, psychoneurotic disorder

ABSTRACT: 42 women suffering from endogenic and involuntional depression were treated with the drug. 24 patients showed favorable results and could be discharged. There were frequent side effects. 5 of the patients suffering from severe depression showed deterioration; 2 recovered after transfer to placebo; 3 were cured with electroconvulsions. In the course of the treatment no decrease in photometrazol threshold values could be found. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUEM DATE: none

Card 1/1 ^{LS}

INGROVA, L.; BOJANOVSKY, J.; CHLOUPKOVA, K.

Treatment of endogenous depressions with intermittent doses
of reserpine. *Activ. nerv. sup.* 5 no.2:183-184 My '63.

1. Psychiatricka klinika lebarske fakulty UJEP, Brno.
(RESERPINE) (DEPRESSION)
(MONOAMINE OXIDASE INHIBITORS)
(SCHIZOPHRENIA) (PARANOIA)

INGSTER, Adolf

Effectiveness of the treatment of neuroses by prolonged hypnosis
after W. E. Rosnow. Neur. &c. polska 5 no.6:689-693 Nov-Dec 55.

1. Z Terenowej Przychodni Zdrowia Psychicznego w Sosnowcu
Filii Wojewodskiej Przychodni Zdrowia Psychicznego w Stalinogrodzie.

Kierownik: dr. A. Ingster

(NEUROSES, ther.

hypnosis after W. E. Rosnow)

(HYPNOSIS, ther. use

neuroses, after W. E. Rosnow)

LINDTROP, G.T.; KHORAVA, G.V.; INGUL'SKAYA, I.I.

Effect of associated helminthiasis on the course of typhoid fever and
problems of helminth eradication in infectious diseases. Med. paras. i
paras. bol. 27 no.4:419-422 J1-Ag '58. (MIRA 12:2)

1. Iz Gudatskoy infektsionnoy bol'nitsy Ministerstva zdравookhraneniya
Abkhazskoy ASSR.

(HELMINTH INFECTIONS, compl.
typhoid fever (Rus))

(TYPHOID FEVER, compl.
helminth infect. (Rus))

LINDTRON, G.T.; I HORAVA, G.V.; INGUL'SKAYA, I.I.

Treatment of necatoriasis, ascariasis, enterobiasis, and trichocephaliasis with bifonium hydroxynaphthoate (preparation "alcofer").
Med.paraz.i paraz.bol. 29 no.4:409-413 JI-Ag '60.

(MIRA 13:11)

1. Iz Gudautskoy infektsionnoy bol'nitsy Ministerstva zdravookhraneniya Abkhaskoy ASSR.

(ANTHELMINTICS) (WORMS, INTESTINAL AND PARASITIC)

S/081/61/000/024/053/086
B150/B102

AUTHORS: Tikhonov, V. A., Ingul'skaya, I. S.

TITLE: The influence of hydrothermal processing and of surface-active substances upon the variation of the mechanical strength of aluminous cement

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 363, abstract 24K312 (Dokl. L'vovsk. politekhn. in-ta, v. 2, no. 2, 1958, 144 - 149)

TEXT: Tested surface-active additives (СББ (SSB), sodium stearate, phthalic acid) reduce the strength of the mortar in aluminous cement on setting at normal temperature, but at the same time some additives (SSB, sodium stearate) inhibit the reduction of strength of the mortars in hydrothermal processing. [Abstracter's note: Complete translation.]

Card 1/1

INGUL'TSOV, V.L., inzh.

Determining stresses in the blading elements of radial-flow turbines.
Energomashinostroenie 4 no.1:18-21 Ja '58. (MIRA 1161)
(Turbines--Blades) (Strains and stresses)

S/114/60/000/003/002/008
E073/E355

AUTHORS: Insul'tsov, V. L., Engineer and
Ivanova, M. I., Engineer

TITLE: Some New Reports of KhTGZ imeni Kirov.

PERIODICAL: Energomashinostroyeniye, 1960, No. 3,
p. 18

TEXT: Investigation on analogues of the cooling of a rotor of the turbine CKP-100 (SKR-100). Use of a cooling system in the turbine SKR-100 enabled using pearlitic steels for the manufacture of the rotor and the body in spite of the high initial steam parameters ($t = 650^{\circ}\text{C}$, $p = 300\text{ atm}$). Calculations are given of the steam parameters for investigations on the analogues. Furthermore, the test set-up and the method of evaluating the test results are described. (Report D-1156). Tests of a moistening device in the receiver of a turbine type ПРК-150 (PVK-150) on the works' test bed. The development of moistening apparatus and the lowering of the temperature of the exhaust pipe during

Card 1/4

✓

S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

no-load operation are described. Basically, the most important problem was that of the design of the nozzle. A number of measures are described which improve the quality of atomization and increase the delivery rate of the nozzle (Report D-1157). Tests of the governor system of a turbine type BK-150 (PVK-150) on the works' test bed. The setting of the individual mechanisms (speed governor, automatic hydraulic safety device, etc.) is described and also their joint testing. The system has a good stability when operating under various conditions.

Overspeed tests on a full-scale model of a welded rotor of the low-pressure cylinder of a turbine type PVK-150. A method of overspeed testing ($n = 3640$ r.p.m.) is described and the results of strain gauge measurements as well as data on bearing vibrations are analysed. (Report D-1169).

Card 2/4

S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

Communications on strength tests on a model of a two-support runner blade root. The results of strain-gauge strength tests on flat steel analogues are given. The tests have shown that this type of fixing is reliable for the given load conditions (Report D-1190).

Investigation of the metal of an experimental forging of a full-scale rotor of steel ЭИ756 (EI756) (first stage). The authors investigated the properties of the material of an experimental full-scale rotor produced from a 43-ton ingot. The results of tests in the supply works, of the reception tests at KhTGZ and of metallographic investigations as well as the chemical composition and the mechanical properties of the metal in the individual parts of the forging are given. Metallographic investigations of material from various parts of the forging have shown that the microstructure is uniform, fine-grain and consists of sorbite and ferrite grains. The relation between the structural components throughout the entire cross-section and length

Card 3/4

S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

of the investigated parts of the forging were: 30 to 40% ferrite and 60 to 70% sorbite. Detailed investigation of the properties of the material of individual parts of the forging have revealed that along the entire length of the forging the metal on the periphery zones has uniform strength properties which decrease on approaching the bore. The plastic properties of the material of the neck are uniform throughout the cross-section and are in accordance with specifications. There was a great variance in the values of δ and Ψ , which increase on approaching the bore. The impact strength did not correspond to the specifications throughout the cross-section and the length of the investigated parts of the forging. On the basis of impact tests of specimens cut in the axial and the tangential directions in various zones of the forging, it was established that the critical brittleness zone of this steel is at a temperature near to room temperature (Report No. 297).
(Note: This is a complete translation.)

Card 4/4

INGUL'TSOV, V.L., inzh.; IVANOVA, M.I., inzh.

Some recent works of the Kirov Turbogenerator Plant in
Kharkov. *Energomashinostroenie* 6 no.3:18 Mr '60.
(MIRA 13:6)

(Kharkov--Turbogenerators)

S/114/60/000/008/008/010
E194/E255

AUTHORS: Ingul'tsov, V. L. and Ivanova, M. I., Engineers
TITLE: Some New Works of the Khar'kov Turbo-Generator Works
imeni Kirov
PERIODICAL: Energomashinostroyeniye, 1960, No. 8, p. 45
TEXT: Brief details are given of articles of the following
titles: Tests on a steam-jet ejector Type ЭП-3-25/65 (EP-3-25/65);
Strength tests on the body of a stopvalve (with flangeless connec-
tion) for turbine Type ПБК-150 (PVK-150); Strain-gauge strength
tests on the dividing diaphragm of turbine Type PVK-150; Some
results of converting governor-system valves of turbine PVK-150 to
rotary motion; The development of an ultrasonic method of inspect-
ing welded joints; and An investigation of means of reducing sand
pick-up on steel castings. ✓

Card 1/1

INGUL'TSOV, V.L., inzh.

Designing the diaphragm as a semicircular ring on an elastic supporting contour. Energomashinostroenie 7 no.11:1-5 N '61.
(MIRA 14:11)

(Steam turbines)

(Diaphragms (Mechanical devices))

IN 446 1962, U.S.

PHASE I BOOK EXPLOITATION

SOV/6341

Shubenko-Shubin, Leonid Aleksandrovich, Corresponding Member, Academy of Sciences USSR, David Mikhaylovich Gerner, Natan Yakovlevich Zel'des, Vilor L'vovich Ingul'tsov, Vladimir Zel'manovich Kogan, Moisey Yosifovich Pokrassa, Sergey Petrovich Sobolev, Viktor Pavlovich Sukhinin, Apatolii Vitol'dovich Trzhetsinskiy, Avadiy Yefimovich Shneydman

Prochnost' elementov parovykh turbin (Strength of Steam Engine Parts). Moscow, Mashgiz, 1962. 567 p. Errata slip inserted. 4000 copies printed.

Reviewer: B. M. Panshin; Ed.: R. A. Nikiforova, Engineer; Tech. Ed.: M. S. Gornostaypol'skaya; Chief Ed.: Mashgiz (Southern Dept.): V. K. Serdyuk, Engineer.

PURPOSE: This book is intended for steam-turbine designers and service and engineering personnel in the steam-turbine industry. It may also be useful as a special textbook for teachers and students specializing in the steam- and gas-turbine industry.

Card 1/4

Strength of Steam Engine Parts

SOV/6341

COVERAGE: This book contains material on the structural strength problems of all basic steam-turbine parts. Industrial methods of calculating turbine blades, disks, rotors, diaphragms, housings, etc., some described for the first time, are given. Metal strength and methods for its control are described in detail.

TABLE OF CONTENTS [Abridged]:

Foreword

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PART I. METALS FOR THE PRINCIPAL PARTS OF
STEAM TURBINES AND PERMISSIBLE STRESSES

Ch. I. Fundamental Properties of Applicable Metals

5

Ch. II. Permissible Stresses

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Card. 2/4

INGUL'TSOV, V.L., inzh.; MOSTOSLAVSKAYA, V.M., inzh.

Temperature stresses in composite pipe connections.
Energomashinostroenie 11 no.11:10-12 N '65.

(MIRA 18:11)

SHUBENKO-SHUBIN, Leonid Aleksandrovich; GERNER, David Mikhaylovich;
ZEL'DES, Natan Yakovlevich; INGUL'TSOV, Vilor L'vovich;
KOGAN, Vladimir Zel'manovich; POKRASSA, Moisey Iosifovich;
SOBOLEV, Sergey Petrovich; SUKHININ, Viktor Pavlovich;
TRZHETSINSKIY, Anatoliy Vitol'dovich; SHNEYDMAN, Avadiy
Yefimovich; PANSHIN, B.M., retsenzent; NIKIFOROVA, R.A., inzh.,
red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Strength of steam-turbine elements] Prochnost' elementov paro-
vykh turbin. Pod red. L.A.Shubenko-Shubina. Moskva, Mashgiz,
1962. 567 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk Ukr.SSR (for Shubenko-Shubin).
(Steam turbines)

L 07729-07 BWT(d)/EWT(m)/GWP(w)/EWP(k) IJP(c) EM/JAJ/IRM/JXT(CZ)
ACC NR: AT6033812 SOURCE CODE: UR/3052/66/000/006/0205/0212

AUTHOR: Karnozhitskiy, V. P. (Khar'kov); Ingul'tsov, V. L. (Khar'kov)

ORG: none

HO
B1

TITLE: Effect of thermal stresses on the stability of an asymmetrical-
construction sandwich wing panel

SOURCE: Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh
konstruktsiy. 6th, Kiev, 1966, Teplovyie napryazheniya v elementakh
konstruktsiy (Thermal stresses in construction elements); doklady
soveshchaniya, no. 6. Kiev, Naukova dumka, 1966, 205-212

TOPIC TAGS: thermal stress, sandwich panel, sandwich plate, wing skin,
wing sandwich skin, panel buckling, sandwich plate buckling, plastic
buckling, thermal buckling

ABSTRACT: A rectangular sandwich panel of a wing skin supported along
the pairs of opposite sides by spars and ribs is subjected to compres-
sion forces in span direction uniformly distributed along the face
layers, and to thermal stresses caused by the temperature difference
between the outer (hotter) and inner face layers. The sandwich panel
is of asymmetrical construction as related to the thickness and material
of faces. The effect of thermal stresses on the stability of such a

Card 1/2

I. 07799-67

ACC NR: AT6033812

panel is discussed, assuming that the panel is plane and has peculiar boundary conditions: it is supposed to be clamped along all its sides as related to the action of thermal stresses, and to be hinged when discussing its buckling. The thermal stresses in the face layers are discussed first, and equilibrium equations for them are established. The expressions for displacements and stresses in the core satisfying the general equations of the theory of elasticity are given. The condition of joint deformation of the sandwich as a whole is used in deriving an expression for determining the buckling load of the inner face layer. The effect of the magnitude of the layer-temperature differences and of their rigidity parameters on the buckling load is discussed, and an empirical formula for calculating the buckling stresses beyond the proportional limit is recommended. The results of calculation were verified by experimental investigation of buckling of honeycomb sandwich shells with widely varying geometrical parameters; the thermal stresses were produced by heating one face and cooling the other. The discrepancies between the analytically and experimentally determined buckling stresses did not exceed 10%, and only in single cases increased up to 20%. Orig. art. has: 1 figure and 13 formulas.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 005/ ATD PRESS: 5101

Card 2/2 LS

INGUSZ, J.

"Study of the rapid souring of egg barley and browned flour." *Élelmezési Ipar, Budapest*,
Vol. 8, No. 5, May 1954, p. 143.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

L 38255-56

ACC NR: AP6028648

SOURCE CODE: UR/0020/66/156/006/1484/1487

AUTHOR: Ingvar, D.; Mchedlishvili, G. I.; Ekberg, R.

22
B

ORG: Institute of Physiology, AN GruzSSR (Institut fiziologii AN GruzSSR)

TITLE: Quantitative measurements of blood flow in the cerebral cortex in connection with spasmodic activity

22

SOURCE: AN SSSR. Doklady, v. 166, no. 6, 1966, 1484-1487

TOPIC TAGS: cerebral cortex, blood circulation, nervous system drug

ABSTRACT: A recently developed quantitative method for measuring the increase of blood flow in the brain, based on measuring in small areas of the cortex, was used to measure blood flow in the parietal cortex associated with intensification of its activity by direct application of strychnine. An attempt was made to compare the number of spasmodic discharges in the cortex with the intensity of cortical blood circulation. It was found that the spasmodic discharges were accompanied by an increase in blood flow, but there was no parallelism between the two phenomena. This article was presented by Academician I. S. Beritashvili on 17 November 1965. Orig. art. has: 2 figures.

[JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 11Nov65 / ORIG REF: 008 / OTH REF: 012

Card 1/1 ML

UDC: 612.824.825+616.853.7

097 2266

ALSHINBAYEV, M.R.; AMELIN, V.P.; ANDRIANOVA, O.V.; GASIYEV, Zh.;
DEGRAF, G.A.; INKAREEKOV, A.R.; KOLOMYTSEV, I.V.; KOLTUSHKIN,
I.S.; MALAKHOV, V.P.; MONASTYRSKIY, A.O.; REZNIKOV, B.N.;
SAKHAROV, I.V.; SENNIK, V.K.; SOSNIN, V.A.; SURKO, V.I.;
SURKOV, Ye.P.; SYRLYBAYEV, S.N.; USIKOV, N.V.; UCHAYEV, A.F.;
SHESTOPALOV, Ye.V.; SHERMAN, R., red.; GOROKHOV, L., tekhn.
red.

[Study manual for a machinery operator] Uchebnik-spravochnik
mekhanizatora. Alma-Ata, Kazsel'khozgiz, 1963. 326 p.

(MIRA 16:12)

1. Alma-Ata, Kazakhskiy gosudarstvennyy sel'skokhozyaystven-
nyy institut. Fakul'tet mekhanizatsii. 2. Sotrudniki fakul'-
teta mekhanizatsii Kazakhskogo gosudarstvennogo sel'sko-
khozyaystvennogo instituta (for all except Sherman, Gorokhov).
(Agricultural machinery)

INIKHOV, Georgiy Nikolayevich; PCHELINTSEVA, G.M., red.; POFOVA, S.M., tekhn. red.

[Alpha, beta, gamma, and neutron emitters for checking and calibrating dosimetric and radiometric apparatus]
Al'fa-, beta-, gamma- i neitronnye izluchateli dlia kontrolya i graduirovki dozimetriceskoi i radiometriceskoi apparatury; spravochnik. Moskva, Gosatomizdat, 1963. 76 p.
(MIRA 16:7)

(Radiation--Measurement)

137 AND 138 (1953) PROCESSES AND PROPERTIES INDEX 140 AND 141 (1953) 12

CA
INIKHOV, G [S.]

Determination of the density (instead of the specific gravity) of milk. G. Inikhov. *Mekhan. Mashin. no. 10* From 1939, No. 10-18-16; *Khim. Referat. Zhur.* 1939, No. 7, 89. -- For milk the difference between the sp. gr. at 15° detd. with a milk areometer standardized at 15°/15° and the d. of the same milk at 20° detd. with a milk areometer standardized at 20°/4° is 0.0012 (or 1.2% of the areometer). In detg. the d. of milk with an areometer marked "15" (for the detn. of the sp. gr. at 15°) it is necessary to subtract 1.2% from the obtained value of the sp. gr. No subtractions are necessary if the areometer is marked "20". A table is given by means of which the values of the lactometer (which shows the d. directly) can be corrected to 20°. W. R. Henn

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 (1953) 140 AND 141 (1953)

PROCESSES AND PROPERTIES INDEX

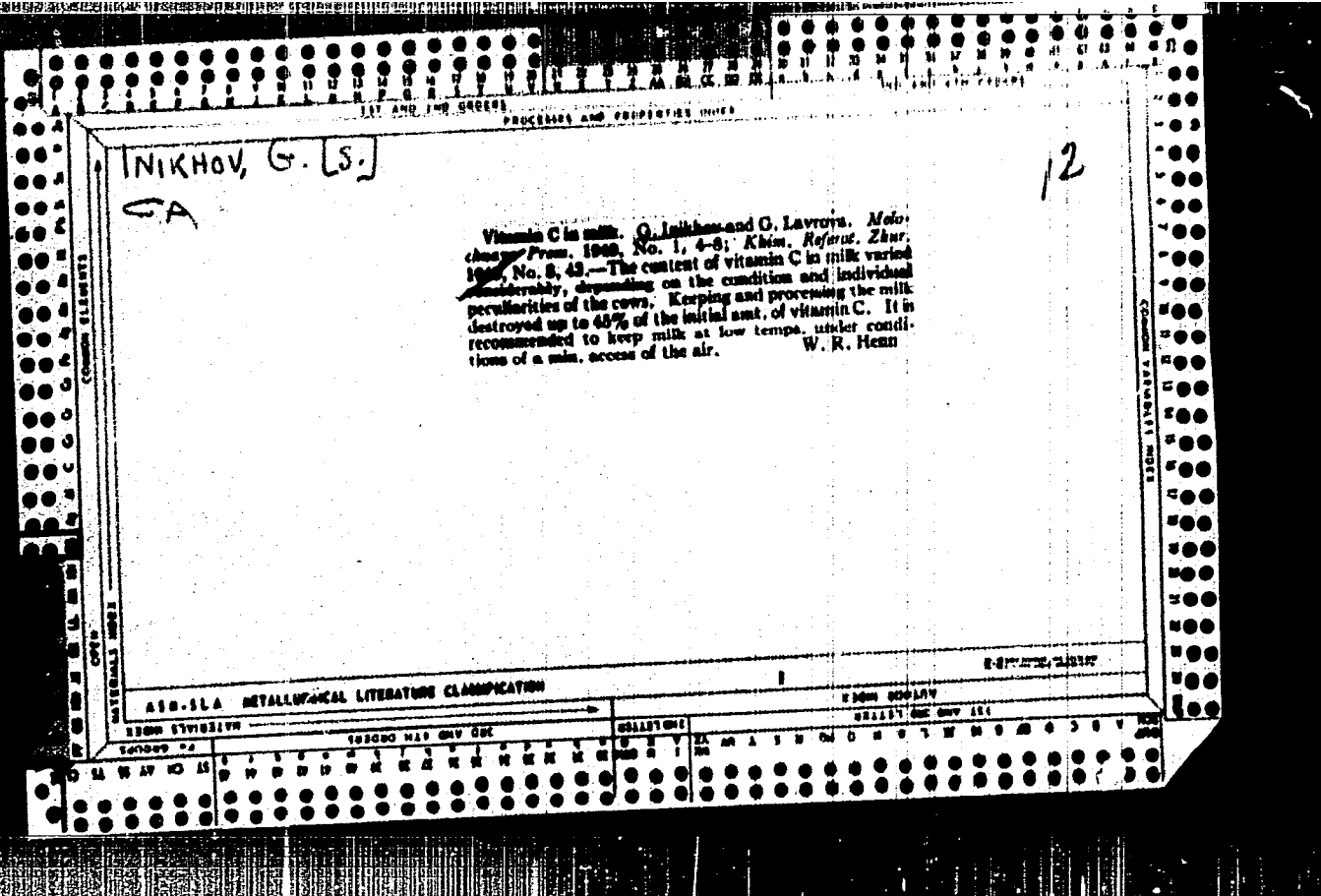
1 INIKHOV, G. [5.] 12

CA

Determination of active pepsin and albumin powder by means of a solution of dry milk. (I. Inikhov, A. Gorbacheva and G. Lavrova. *Muznaya* No. 1989, No. 11-12, 41-2; *Khim. Referat. Zhur.* 1940, No. 6, 130.) The activity of pepsin and albumin enzymes is best detd. with a 12% soln. of dry defatted milk. Milk dissolves best in water at 45-50°. Keeping the soln. at room temp. longer than 3 hrs. changes its physical state and accelerates the coagulation of proteins; it can be kept for about 1 day at 12°. Make the detn. as described in C. A. 34, 5022.

W. R. Heim

ASS-31A METALLURGICAL LITERATURE CLASSIFICATION



INIKHOV, G. [S.]
ca

PROCESSES AND PROPERTIES INDEX

Drop method of determining the activity of pepsin in a solution of dry milk. G. Inikhov, A. Gorbacheva and G. Lavrova. *Mysl'skaya* 1956, No. 4, 25-6.—Mix (1) ml. of a 12% soln. of dry milk at 37° with 0.5 ml. of a 2% CaCl₂ soln., add rapidly 0.5 ml. of a 1% pepsin soln. and pour into a Gouch funnel tube placed in a water bath at 37°. The funnel tube has a straight dropping pipet attached to its lower end with a rubber tubing and a Hoffman screw. The pipet and tubing extend outside of the bath. Release the pressure on the rubber tubing and allow the liquid to flow at the rate of 20-30 drops/min. until it curdles. Compare the time required for curdling with that of a 1% standard rennet powder. B. Z. Kamich

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ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

NATIONAL INDEX

INDEX DIVISION

REVISIONS

REVISIONS

INIKHOV, G. S.

20927 Inikhov, G. S. Biokhimiya molochnogo dela i yeye dostizheniya v Sovetskom Soyuze. Sbornik dokladov Pervoy Vsssoyuz. konf-tsii po molech. delu. M, 1949, s. 67-80

SO: LETOPIS ZHURNAL STATEY -Vol. 28, Moskva, 1949

1. INIKHOV, G. [S.]

CA

PROCESSES AND PROPERTIES WOOD

Determination of fat in milk. G. Inikhov, *Molochkovy Prom. 10, No. 4, 40-3(1949)*.—Historical and descriptive review of procedures commonly used G. M. K.

1-2

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

Year	Author	Title	Journal	Volume	Page
1949	Inikhov, G.	Determination of fat in milk	Molochkovy Prom.	10	40-3

ИНИКОВ, Г. С.

Agriculture

Chemistry of milk and milk product, Moskva, pishchegromizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

ИНИКОВ, Г. [S.]

Chemical Abstracts
May 25, 1954
Foods

①
Milk proteins, their nutritive and production importance.
G. Inikov. *Molochkaya Prani* 15, No. 1, 41-4 (1954).
A review of physicochem. properties and nutritive value of
milk proteins (I), including a discussion of the relation be-
tween the breed of the cow, stage of lactation, feeding prac-
tices, and I content of milk. The data concerning I con-
tent of milk as influenced by the breed and stage of lacta-
tion of the cow.
Vladimir N. Kravovskiy

INIR 204, G.S.

204

Quality of fat stored for 40-52 years. *Sci. Rep. 1958*
 Author: Stevens, Deborah; Peterson, Soren; *Journal of Nutrition*
 Date: 1958, 317-22 (1958); *Diary Sci. Abstr.* 18
 303-4 (1958) — Dried butterfat made on several occasions
 during 1907-27 was stored in glass jars in darkness at room
 temp. It was analyzed when fresh and again in 1928 and
 1958, and the results are given for 25 samples. The only
 52-yr. old sample had somewhat higher volatile acid and
 sapon. nos. and a considerably higher I no. than the fresh sam-
 ple; the I no. was extremely high (118.37). The other,
 younger, samples (made since 1913) showed the same ten-
 dency in respect of volatile acid and sapon. nos. but, in con-
 tract, the I no., with one exception, had fallen a sometimes
 considerably, the min. value found being 1.50 in a 42-yr. old
 sample. Acidity (mEq/l.) increased greatly during storage,
 some typical values on exam. in 1958 being 33, 126, and
 157 (1.7), as compared with 0.5-2.40 (initial). Alko-
 lylic content and the peroxide no. increased in the period
 between 1928 and 1958, but there was no relation between
 the final levels and the age of the butter. Organoleptic tests
 revealed pronounced fatty and bitter flavors in most of
 the samples. Bleaching was noted in many cases, and
 some samples turned gray; a few retained the original color.
 The 52-yr. old specimen was fluid. S. I. S.

KING, N.; VLADAVETS, I.N. [translator]; INIKHOV, G.S., doktor khimicheskikh nauk, professor, zasluzhennyy deyatel' nauki, redaktor; VASIL'YNA, G.N., redaktor; YAROV, E.M., tekhnicheskyy redaktor

[The milk fat globule membrane and some associated phenomena. Translated from the English] Obolochki shirovykh sharikov moloka i svyazannye s nimi yavleniya. Perevod s angliiskogo I.N.Vlodavtsa. Pod red. G.S.Inikhova. Moskva, Pishchepromizdat, 1956. 93 p.
(Milk) (MLRA 10:3)

INIKHOV, G.S.;

DAVIDOV, Ruben Bagdasarovich; GUL'KO, Liya Yefimovna; YERMAKOVA, Mariya Alekseyevna; BUKIN, V.N., professor, doktor biologicheskikh nauk, retsenzent; INIKHOV, G.S., professor, doktor khimicheskikh nauk, retsenzent; DEVYATBIN, V.A., kandidat khimicheskikh nauk, spets-redaktor; AKIMOVA, L.D., redaktor; CHEBYsheVA, Ye.A., tekhnicheskii redaktor

[Principal vitamins in milk and milk products] Osnovnye vitaminy v moloke i molochnykh produktakh. Moskva, Pishchepromizdat, 1956.
229 p. (MLRA 9:8)

(MILK) (VITAMINS)

INIKHOV, Georgiy Sergeyevich, zasluzhennyy deyatel' nauki i tekhniki,
doktor khimicheskikh nauk, professor; PEROV, S.S., retsenzent;
SEMINETS, Z.F., retsenzent; GORYAYEV, M.I., spetsredaktor;
AKIMOVA, L.D., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor

[Biochemistry of milk and milk products] Biokhimiya moloka i
molochnykh produktov. Moskva, Pishchepromizdat, 1956. 294 p.
(MIRA 10:1)

(Milk--Analysis and examination)

INIKHOV, Georgiy Sergeevich, zaslushennyy deyatel' nauki i tekhniki, doktor
khimicheskikh nauk; WZIMOV, G.I., retsenzent; AFANAS'YEV, P.V.,
retsenzent; GLAGOLEV, Yu.F., retsenzent; D'YACHENKO, P.F., retsenzent;
KRETOVICH, V.L., spetsredaktor; AKIMOVA, L.D., redaktor; GOTLIB, N.M.,
tekhnicheskii redaktor

[Biochemistry of milk] Biokhimiia moloka. Moskva, Pishchepromizdat,
1956. 342 p. (MLRA 10:3)

(MILK--ANALYSIS AND EXAMINATION)

1574
 INIKHOV, G.S.

BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamesti-
 tel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBAHOV, P.P.,
 glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLNEVOV, V.N.;
 PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor;
 SOKOLOV, H.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N.,
 doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY,
 N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor;
 SHMISTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauch-
 nyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauch-
 nyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO,
 T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy
 redaktor; SHEGGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk,
 professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy
 redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy
 redaktor; SMELOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy
 redaktor; EDL'SHTAYN, V.I., professor, doktor sel'skokhozyaystvennykh
 nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor medi-
 tsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'sko-
 khozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik,
 nauchnyy redaktor; YEKIMOV, V.P., agronom, nauchnyy redaktor [deceased],
 EYTINGER, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauch-
 nyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV,
 S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik,
 nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITF,
 V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redak-
 tor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy
 redaktor:

(Continued on next card)

BENEDIKTOV, I.A.--- (continued) Card 2.

GRUBEN', I.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SMETNEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTYFRL', P.A., professor nauchnyy redaktor; IMIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POLTEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANFIPIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktor; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor; OLIVKOV, B.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, V.I.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor;

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 3.

YEVREBINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-SOSHANSKAYA, V.A., redaktor; PILATOVA, N.I., redaktor; YEMEL'YANOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSEVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FIEDOTOVA, A.F., tekhnicheskiiy redaktor

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsikolopedia.
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]
1956. 663 p. (MLRA 9:9)
(Agriculture--Dictionaries and encyclopedias)

INIKHOV, Georgiy Sergeevich, prof.; MAKARINOV, Mikhail Anan'yevich;
SUKHANOVA, Yekaterina Yur'yevna, kand. tekhn. nauk; SPERANSKIY,
V.G., prof., red.; MAKSIMOVICH, A.G., red.; SUDAK, D.M., tekhn.
red.

[Food products] Tovarovedenie predevol'stvennykh tovarov. Pod
red. V.3. Speranskogo. Moskva, Gos. izd-vo torg. lit-ry. Vol.2.
[Dairy, meat, and fish products] Molochnye, miasnye i rybnye
tovary. 1958. 314 p. (MIRA 11:10)

(Food)

INIHOV, G.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 5, 1958.

INIHOV, G. Role of component parts of milk in production. p. 22.

Monthly List of East European Accession (KEAI) LD, Vol. 8, no. 3
March 1959 Unclass.

SKROBANSKIY, Georgiy Georgiyevich, prof., doktor tekhn.nauk; **KOZIN**, M.I.,
prof., saslushennyy deyatel' nauki i tekhniki, retsentsent;
SMIRNOV, V.S., saslushennyy deyatel' nauki i tekhniki, retsentsent;
[deceased]; **GRYUNER**, V.S., prof., retsentsent; **CHISTYAKOV**, F.M.,
retsentsent; **CHOGOVAZEV**, Sh.K., dotsent, retsentsent; **INIKHOV**, G.S.,
prof., retsentsent; **KUKOSUYEV**, A.M., dotsent, spets.red.; **KOL-**
CHINSKAYA, N.A., red.; **SUDAK**, D.M., tekhn.red.

[Introduction to the study of foodstuffs] Vvedenie v tovarovedenie
prodovol'stvennykh tovarov. Moskva. Gos.isd-vo torg.lit-ry, 1959.
210 p. (MIRA 13:10)

1. Moskovskiy institut narodnogo khozyaystva im. G.V.Plekhanova ;
(for Kozin).

(Food)

INIKHOV, G.S., prof.

Pioneer of dairy research. Zhivotnovodstvo 21 no.9:83-84
S '59. (MIRA 13:1)
(Kalantar, Avetis Airapetovich, 1859-1937)

INIKHOV, G.S., prof.; GABRIEL'YANTS, M.A., dots.; MAKAREYEV, M.A.;
SUKHANOVA, Ye.Yu., kand. tekhn. nauk; GRANOVSKAYA, I.E., red.;
EL'KINA, E.M., tekhn. red.

[Guide to food products; milk, fat, eggs, meat, and fish goods]
Tovarovedenie prodoval'stvennykh tovarov; tovary molochnye zhi-
rovye, iaichnye miasnye, rybnye. Izd.2., perer. Moskva, Gos-
torgizdat, 1961. 383 p. (MIRA 15:1)
(Food industry)

DIKKER, G.L.; DRUZHININA, L.N., kand. tekhn. nauk, dots.; ISKENDEROV, A.A.,
kand. tekhn. nauk, dots.; KLYUYEVA, T.K., kand. tekhn. nauk, dots.;
LOGOTKIN, I.S., kand. tekhn. nauk; MEL'MAN, M.Ye., kand. tekhn. nauk,
dots.; MISNIK, I.A.; kand. tekhn. nauk; RUSH, V.A., dots.; RUKOSUYEVA,
A.N., dots., red.; KAFKA, B.V., prof., retsenzent; FERTMAN, G.I., dots.,
retsenzent; SOBOLEVA, M.I., dots., retsenzent; BUDNITSKAYA, R.S., kand.
tekhn. nauk, retsenzent; VOLKOV, Ye.N., kand. tekhn. nauk, retsenzent;
AREF'YEV, I.I., inzh., retsenzent; KHARITONOV, A.P., retsenzent; GUREVICH-
GUR'YEV, Ye.S., retsenzent; KUZ'MINSKIY, M.M., retsenzent; INIKHOV, G.S.,
prof., retsenzent; KHOMUTOV, B.I., dots., retsenzent; BORODINA, Z.N.,
dots., retsenzent; BORISOVA, G.A., red.; MEDRISH, D.M., tekhn. red.

[Starch, sugar, honey, confectionery products, condiments, fats, milk,
and milk products] Khrakmal, sakhar, med, konditerskie, vkusovye to-
vary, zhiry, moloko i molochnye produkty. Moskva, Gos. izd-vo torg. lit-
ry, 1961. 750 p. (MIRA 14:7)

(Food industry)

INIKHOV, Georgiy Sergeevich, Zasl. deyatel' nauki i tekhniki, doktor
khim. nauk, prof.; BRIO, N.P., retsenzent; SEMENETS, Z.F.,
retsenzent; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn.
red.

[Biochemistry of milk and milk products] Biokhimiia moloka i mo-
lochnykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962.
287 p. (MIRA 15:12)

(Dairy products--Analysis and examination)

INIKHOV, G.S., zasl. deyatel' nauki i tekhniki, doktor khim. nauk, prof.; SKORODUMOVA, A.M., kand. biol. nauk; SHAPIRO, L.R. [deceased]; MILYUTINA, L.A., inzh.; DEMUROV, M.G., kand. sel'khoz. nauk; LEBEDEVA, K.S., kand. sel'khoz. nauk; KYURKCHAN, V.N.; VASILEVSKIY, V.G., inzh.; SAVINOVSKIY, N.G., kand. tekhn. nauk; VEDRASHKO, V.F., kand. med. nauk; SOKOLOVSKIY, V.P., prof.; BEGUNOV, V.L., inzh.; KAZENNOVA, A.R.; VEDRASHKO, V.F., kand. med. nauk; KOSTYGOV, V.V., red.; SKURIKHIN, M.A., MOLCHANOVA, O.F., dktor biol. nauk, prof.; SPERANSKIY, G.N., zasl. deyatel' nauki, doktor med. nauk, prof.; KISINA, Ye.I., tekhn. red.

[Dairy foods] Molochnaia pishcha. Moskva, Pishchepromizdat, 1962. 419 p. (MIRA 15:10)

1. Glavnyy kulinar Ministerstva torgovli RSFSR (for Kazennova).
 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Speranskiy, Skurikhin).
 3. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Molchanova).
- (Cookery (Dairy products)) (Dairy products)

NIKOLAYEV, Boris Aleksandrovich; REBINDER, P.A., akademik,
retsenzent; VOLAROVICH, M.P., prof., retsenzent; INEKHOV,
G.S., prof., retsenzent; GRYUNER, V.S., prof.,
retsenzent; SHVETSOV, V.G., red.

[Measurement of the structural and mechanical properties
of food products] Izmerenie strukturno-mekhanicheskikh
svoystv pishchevykh produktov. Moskva, Ekonomika, 1964.
222 p. (MIRA 1883)

DILANYAN, Zaven Khristoforovich; INIKHOV, G.S., doktor khim.
nauk, retsenzent; GISTIN, I.R., kand. sel'khoz. nauk,
spets. red.; NIKOLAYEV, A.M., kand. sel'khoz. nauk, spets. red.

[Fundamentals of cheesemaking] Osnovy syrodellia. Mo-
skva, Pishchevaia promyshlennost', 1965. 83 p.
(MIRA 18:7)

ININ, S.

Mekhanizirovannyi sposob izgotovleniia granul organo-mineral'nykh udobrenii Mechanized
method of making granulated organic and mineral fertilizers Moskva, Ministerstvo sel'skogo
khoziaistva SSSR, 1951 7 p. 1. Fertilizers and manures DA

BOGACHEV, Aleksey Ivanovich; ZAK, Spartak Iosifovich; SAFRONOVA,
Galina Petrovna; ININA, Klavdiya Aleksandrovna; ROBOHEN,
V.I., kand. geol.-miner. nauk, nauchn. red.; REYKHEBT,
L.A., red.izd-va; GALIGANOVA, L.M., tekhn. red.

[Geology and petrology of the Yelet'ozerskiy gabbroid mas-
sif in Karelia; geology, petrography, metallogeny] Geologiya
i petrologiya elet'ozerskogo massiva gabbroidnykh porod Ka-
relii; geologiya, petrografiya, petrologiya, metallogeniya.
[By] Bogachev, A.I. i dr. Moskva, Izd-vo AN SSSR, 1963. 159 p.
(MIRA 16:10)

(Karelia--Gabbro)

ININA, K.A.

Dikes of diabasic porphyrites in the Lake Yeltozero region
(northern Karelia). Trudy Kar. fil. AN SSSR no. 26:119-132
'61. (MIRA 14:7)

(Dikes (Geology))

(Yeltozero Lake region--Porphyrites)

INKARBAYEV, Z.; BOLGOZHIN, Sh.O., dotsent

Technical and economic basis for the depth of crosscutting under
the conditions of the Karaganda Basin. Sbor. nauch. trud. Kaz
GMI no.19:140-147 '60. (MIRA 15:3)
(Karaganda Basin--Coal mines and mining)

INKAROV, M. G.: Master Med Sci (diss) -- "The problem of the epidemiology of tuberculosis and its course among the population of animal herders in the Kazakh SSR". Dzhambul, 1958. 10 pp (Kazakh State Med Inst, Dzhambul Oblast Antituberculosis Dispensary), 350 copies (KL, No 7, 1959, 129)

EXCERPTA MEDICA Sec 5 Vol. 10/10 Pathology Oct 57

3107. INKE G. and CSANÁDY Gy. Inst. of Anat., Med. Univ., Budapest.* Use
of Arbocoll H for the preparation of dry specimens ACTA
MORPH. ACAD.SCIENT. HUNG. (Budapest) 1956, 7/2 (237-238)

Arbocoll H is a formaldehyde-carbamide condensation product used in woodcraft.
It is also suitable material for the preparation of dry anatomical specimens. Pro-
parations thus made are not fragile and do not shrink. The method used is describ-
ed in detail. Juhász - Budapest (I, 5)

Ivte, G

INKB, Gabor

~~Ear model for teaching purposes. Ful orr gegegyog. no.3:121-125~~
Oct 57.

1. A Budapesti Orvostudományi Egyetem Anatómiai Intézetének (igazgató:
Kiss Ferenc) közleménye.
(EAR, anat. & histol.
model for teaching purposes (Hum))

HUNGARY/General Problems of Pathology - Experimental Therapy.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75480
 Author : Gati, Eva; Inke, G.; Bejtai, A.; Gyarfás, J.
 Inst : Hungarian Academy of Sciences.
 Title : Cytologic Changes in Cells of Ascitic Carcinoma of Ehrlich, Particularly of Nuclei and Nucleoli, Under the Influence of Nitrous Derivative of Yperite.
 Orig Pub : Acta morphol. Acad. Sci. hung., 1957, 7, No 3, 343-350
 Abstract : Three-month-old mice were inoculated intraperitoneally with 1 million of cells of an ascitic carcinoma of Ehrlich. Degenerative changes of tumor cells were studied in smears and sections taken from separate portions of ascites, obtained through tapping of mice before and after introduction of DL₅₀ preparations of methyl-bis-(β-chloroethyl)-amine at a dosage of 2 γ/g, triethylenemelamine (TEM)

Card 1/2

- 10 -

HUNGARY/General Problems of Pathology - Experimental Therapy

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610017-1"

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75480

at a dosage of 5 γ/g or Hydrochloride 1.6 bis-(β-chloroethylaniline)-1.6-desoxy-D-mannitol BSM) at a dosage of 100 γ/g. 22 mice were taken per dose. The studied preparations produce an increase in the volume of tumor cells, nuclei and nucleoli ~ 90%; furthermore the cells and nuclei reach maximum size after 24 hours, while the nucleoli do already after 1-3 hours. Apparently the change of nucleoli size is the finest early indicator of functional and morphologic disturbances. After 72 hours the action of the preparation clearly decreases. The preparations produced disintegration of nuclear chromatin. Under influence of TEM, chromatin dispersed and the volume of the nucleus as compared to the initial volume increased by 60% after 12 hours and twice after 24 hours. Sharp differentiations in the action of the studied preparations were not noted. -- S.A. Syrkina-Kruglyak.

Card 2/2

L:63373-65 HWT(m) Feb DLAP OS

ACCESSION NR: AT5014858

JR/0000/55/000/000/0089/0097

AUTHOR: Inkin, A. A.

TITLE: Quantitative determination of yttrium in its preparations containing Y-90 isotope 19

SOURCE: Metody analiza radioaktivnykh preparatov (Methods for analyzing radioactive preparations); sbornik statey. Moscow, Atomizdat, 1965, 89-97

TOPIC TAGS: yttrium, spectrophotometry, complex compound, chemical analysis

ABSTRACT: The quantitative determination of yttrium in medicinal preparations containing Y-90 isotope is necessary when studying their physico-chemical properties as well as in the course of their production. In the present work yttrium was determined in glucose solutions and colloidal dispersion of indium fluoride, silicate and phosphate containing Y-90 isotope, by the colorimetric method, using arsenazo I. The absorption curves of yttrium arsenazo I complex and arsenazo alone are shown in Fig. 1 of the Enclosure. The relative error for the determination of yttrium in the concentration range of 0.1 - 4.5 $\mu\text{g/ml}$ was $\pm 3\%$ in the 40% glucose solution and colloidal dispersions of yttrium fluoride and silicate. For yttrium

Card 1/3

L 63373-65

ACCESSION NR: AT014858

phosphate the precision was of the order of $\pm 15\%$. In the analysis of colloidal dispersions it was necessary to destroy organic substances and to convert them to true solutions. This was achieved by evaporation with a nitric sulfuric acid mixture. The analyzed solutions were kept at pH 8 ± 0.2 . Yttrium was separated from phosphate solutions by coprecipitation with calcium oxalate. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: GC

NO REF SOV: 007

OTHER: 007

Card 2/3

L-63373-65

ACCESSION NR: AT50:4858

ENCLOSURE: 01

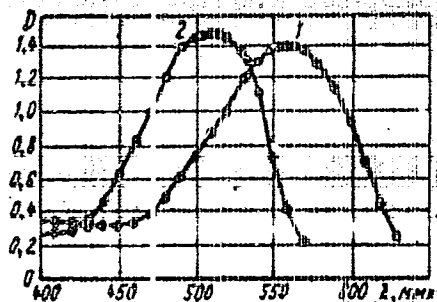


Fig. 1. Absorption curves of yttrium-arsenazo-I complex (1) and arsenazo I alone (2). Final volume of solution was 25 ml, pH 8: 1--2 ml of 10^{-3} M arsenazo I solution and 2 ml of $9.6 \cdot 10^{-4}$ M solution of YCl_3 ; 2--2 ml of 10^{-3} M arsenazo-I solution.

Card 3/3

L 1106-66

ACCESSION NR: AF5016340

UR/0281/65/000/003/0077/0081
537.212

AUTHOR: Inkin, A. I. (Novosibirsk)

TITLE: Calculation of the field of an isolated charged cylinder with convex surface

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 3, 1965, 77-81

TOPIC TAGS: electric field, electric field calculation

ABSTRACT: A method is suggested for calculating the planar electrostatic field of an isolated charged cylinder that has an arbitrary convex cross-section shape. The field strength at any point $M(r, \alpha)$ is: $E = E^*(r, \alpha)$, where E^* is a vector function determining the orientation and $f(r, \alpha)$ is a scalar function that corrects E . A general solution of the problem is given as:

$$E = E^* \exp \left\{ \int_r \frac{E_r^* \operatorname{rot}_z E^* - E_z^* \operatorname{div} E^*}{E^*} da \right\}$$

Card 1/2

L 1106-66

ACCESSION NR: AP5016340

The method is claimed to be applicable also to r-f electromagnetic fields, when the conductor cross-section outline can be taken as a line of force of the magnetic field strength. (Orig. art. has: 4 figures and 31 formulas.

ASSOCIATION: none

SUBMITTED: 15Jan65

NO REF SOV: 000

ENCL: 00

SUB CODE: EM

OTHER: 000

Card 2/2 DP

REVUT, I.B., kand. sel'skokhoz. nauk; INKIN, L.A., aspirant

Cultivation of soil for sugar beets. Zemledelie 27 no.8:
47-49 Ag '65. (MIRA 18:11)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut.

INKIN, P.G., rentgenolaborant (Perm')

Mariia Mikhailevna Shubina. Med. sestra 20 no.7:50 J1 '61.
(MIRA 14:10)

(SHUBINA, MARIIA MIKHAILOVNA)

KARZHAVIN, Yu.A.; CHUVILO, I.V.; KIR'LOV, S.S.; INKIN, V.D.; GOLUTVIN, I.A.;
NEUSTROYEV, V.D.; STEPANOV, V.D.; TULAYEV, B.P.; KOLESOV, I.V.;
ALMAZOV, V.Ya.; PROKOP'YEV, Yu.P.; SHINAGL, I.

Device for automatic measurement of the coordinates of charged
particle tracks recorded on bubble chamber photographs. Prib.
i tekhn. eksp. 8 no.5:54-60 S-0 '63. (MIRA 16:12)

1. Ob'yedinennyy institut yadernykh issledovaniy.

ACCESSION NR: AP4018373

S/0120/64/000/001/0097/0100

AUTHOR: Golutvin, I. A.; Inkin, V. D.; Karzhavin, Yu. A.; Mal'tsev, E. I.;
Neustroyev, V. D.; Stepanov, V. D.; Chan, I.

TITLE: Measuring multiple-scattering parameters from the pattern of tracks in
a xenon chamber

SOURCE: Pribery* i tekhnika eksperimenta, no. 1, 1964, 97-100

TOPIC TAGS: multiple scattering, multiple scattering measurement, ionization
chamber, xenon ionization chamber, BMI microscope, scattering measurement
BMI microscope

ABSTRACT: A BMI microscope was equipped with a step-feed mechanism and a
translation sensor based on the diffraction-grating principle. Electronic equip-
ment includes a data-processing unit, a binary reversible counter, a
transcription-to-punch-tape control, and a keyboard for introducing additional

Card 1/81

ACCESSION NR: AP4018373

data into the tape. The instrument, whose functional diagram is shown in Enclosure 1, permits 4-5 times quicker data processing. The instrument has been in actual operation since March, 1962; its output agrees with the manual-processing output to within 3%. "The authors wish to thank I. V. Chuvilo for a few valuable hints and comments made by him during the development of this instrument." Orig. art. has: 10 figures.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy (Joint Nuclear Research Institute)

SUBMITTED: 13Mar63

DATE ACQ: 18Mar64

ENCL: 01

SUB CODE: NS

NO REF SOV: 002

OTHER: 001

Card 2/31

INKIN, V.F.; GERBIL'SKIY, G.Yu. [Herbil's'kyi, H.Iu], otv.red.; KVITKO,
I.S., red.; SARANYUK, T.V., tekhnred.

[Study of the economic development of Lvov in the 18th century]
Narys ekonomichnogo rozvytku L'vova u XVIII stolitti. L'viv,
Vyd-vo L'vivs'koho univ., 1959. 89 p. (MIRA 13:1)
(Lvov--Economic conditions)

VOL'F, L.A.; MDS, A.I.; INKINA, S.A.

Complexometric determination of sodium sulfate in precipitation
baths in the manufacture of synthetic fibers. Khim.volok. no.1:
32-33 '60. (MIRA 13:6)

1. Leningradskiy tekstil'nyy institut.
(Textile fibers, Synthetic) (Sodium sulfate)

VOL'F, L.A.; MEOS, A.I.; IRKINA, S.A.; GUS'KOV, L.I.

Causes of the yellowing of vinol (vinylon) in the course of its thermal treatment, and means for its prevention. Khim.volok. no.1: 19-21 '61. (MIRA 14:2)

1.Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Vinylon)

VOL'F, L.A.; MEOS, A.I.; INKINA, S.A.

Modified method for the complexometric determination of
components in precipitation baths. Khim.volok. no.3:33-35 '61.
(MIRA 14:6)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Viscose)
(Complex ions)

VOLEP, J.A.; MIRA, A.L.; BULLA, S.A.

Effect of the components of acetamating baths on the process
of treatment of polyvinyl alcohol fibers by aldehydes. Zhur.
prikl. khim. 37 no.6:1384-1386 Je '64.

(MIRA 18:3)

ACC NR: AP6025618

(N)

SOURCE CODE: UR/0413/66/000/013/0075/0075

INVENTORS: Vol'f, L. A.; Meos, A. I.; Inkina, S. A.

ORG: none

TITLE: A method for obtaining ion-exchanging fibers and fabrics. Class 39, No. 183375

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 75

TOPIC TAGS: ion exchange, fiber, fabric, polyvinyl, alcohol, aldehyde

ABSTRACT: This Author Certificate presents a method for obtaining ion-exchanging fibers and fabrics by acetylyzing with aldehydes the fibers and fabrics based on polyvinyl alcohol. To obtain ion-exchanging materials, aldehydes containing amino groups or pyridone cycles are used as aldehydes. The acetylyzed haloid product is then alkylated and treated with a base.

SUB CODE: 11/ SUBM DATE: 14Dec61

07/

Card 1/1

UDC: 661.183.12:677.494.744.72:677.862.22

GROMOV, R. Ya.; DANAGULYAN, A. S.; MURAV'YEVA, V. V.; INKITYUK, L. N.; SOROKIN, A. A.
SHTAL', M. Z.

"Investigations of the Decay of Nd^{139m} ($t_{1/2} = 5.5$ hr.)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYaI (Joint Inst Nuclear Res)

ANGELOV, St., Akad., prof., dr.; GULUBOV, S., dr.; INKOLOV, P., dr.

Maldun's and electrophoretic studies on blood serum in recurrent iridocyclochoroiditis in horses. Izv. mikrob. inst., Sofia 7:17-22 1956.

- (IRIDOCYCLITIS,
 iridocyclochoroiditis in horses, determ. of complement &
 blood proteins (Bul))
- (COMPLEMENT, determination,
 in iridocyclochoroiditis in horses (Bul))
- (BLOOD PROTEINS, in various diseases,
 iridocyclochoroiditis in horses, electrophoresis (Bul))
- (HORSES, diseases,
 iridocyclochoroiditis, determ. of complement & blood
 proteins (Bul))
- (CHOROIDITIS,
 iridocyclochoroiditis in horses, determ. of complement
 & blood proteins (Bul))

INKOV, A. Ya.

USSR/ Electronics - Cathode ray tubes

Card 1/1 : Pub. 22 - 22/44

Authors : Stekol'nikov, I. S.; Inkov, A. Ya.; and Chernushenko, A. M.

Title : A new feeding system for a pulse oscillograph

Periodical : Dok. AN SSSR 98/6, 969-972, October 21, 1954

Abstract : A new method for feeding cathode ray tubes of various types is described. The method consists of applying overcharged (with respect to a normal voltage of a tube), a short, almost square wave type, negative pulses to the cathodes of the tubes. The method found a great application in the cathode ray tube industry for it helped to diminish the dimensions, weight, and cost of the tubes. Four Russian references (1944-1953). Diagrams.

Institution: Power Engineering (Energetic) Institute im. G. M. Krzhakovskiy of the Acad. of Scs. of the USSR

Presented by: Academician A. V. Vinter, May 12, 1954

INKOV, A.Ya., Cand Tech Sci--(diss) "Experimental study of ^{the} leader stage
of long sparks." Mos, 1958. 15 pp with drawings (Lead Sci USSR. Power
Engineering Inst im G.M.Krzhizhanovskiy), 150 copies (KL, 46-58, 140)

- 35 -

SOV/30-58-10-12/53

AUTHORS: Inkov, A. Ya., Stekol'nikov, I. S., Doctor of Technical Sciences

TITLE: Electron Oscillograph (Elektronnyy ostsillograf)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 10, pp 67-70 (USSR)

ABSTRACT: In the laboratoriya vysokovol'tnogo gazovogo razryada Energeticheskogo instituta im. G. M. Krzhizhanovskogo Akademii nauk SSSR (Laboratory for High-Voltage Gas Discharge of the Institute of Energetics imeni G. M. Krzhizhanovskiy of the AS USSR) a portable oscillograph was developed (Fig 1). It has a time resolving property of $5 \cdot 10^{-10}$ sec/mm and is intended for investigations of short-time electric processes in high-voltage engineering. Its measurements are: length: 580 mm; height: 450 mm; width: 270 mm; weight: 21,5 kg. It is fed with 220-V current from the electric-supply line and has a maximum power absorption of 200 W. The high-vacuum and high-voltage valves presently produced by Soviet industry permit a recording speed of more than 100 000 km/sec. The electric scheme of this oscillograph is shown in figure 2 and subsequently described in detail. The electron oscillograph is of greatest importance for

Card 1/2

Electron Oscillograph

SOV/30-58-10-12/53

modern measuring techniques. There are 2 figures.

Card 2/2

35363

S/057/62/032/003/010/019
B111/B102

26.7311

AUTHORS: Gorin, B. N., and Inkov, A. Ya.

TITLE: Study of a spark channel

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 32, no. 3, 1962, 329 - 337

TEXT: The processes taking place in a long spark channel are considered and the discharge parameters are determined. The spark discharge was induced between a rod and a plane electrode (gap 3m - 30 cm). The discharge parameters can be determined only indirectly. For this purpose measurements were made twice under the same conditions. In one case a probe was introduced near the positive rod. Method: synchronous recording of the current in the long spark channel and of the development of the channel in the short space between rod and probe, and simultaneous recording of the potential drop across the gap between rod and probe. Subsequently, the probe was removed, and the current and the development of the channel across the entire gap were recorded under the same conditions. Results: Three stages can be distinguished in the development of the channel (Measurement without probe): the so-called leader stage, i. e. an X
Card 1/2

Study of a spark channel

S/057/62/032/003/010/019
B111/B102

initial stage in which the space between rod and probe is connected by a conductive channel, the reverse stage in which the processes of charge neutralization take place, and the final stage with discharge through the channel. It has been found that with increasing leader current the cross section of the leader channel increases. In the leader stage the effect of the probe is only slight so that the dependence of the channel form on amperage and magnitude of the parameters are the same for the spark gap with and without probe. Finally, the formation of the channel is explained by rough estimates of the channel parameters. The authors thank Professor I. S. Stekol'nikov for his interest. There are 6 figures, 1 table, and 9 references: 8 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: L. B. Loeb, Phys. Rev., 94, 2, April, 1954.

SUBMITTED: December 6, 1960 (initially) April 21, 1961 (after revision)

Card 2/3

S/531/62/000/136/005/007
A052/A101

AUTHOR: In'kov, B. K.

TITLE: Investigation of recording methods of atmospheric used for
evaluating the thunderstorm activity

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy,
no. 136, 1962. Atmosfernoye elektrichestvo, 35 - 52

TEXT: A number of problems connected with the cathode direction-finding of thunderstorms is discussed. A general characteristic of the equipment used in the USSR and abroad is given. The results of direction-finding and the possibilities of eliminating errors are evaluated. It is pointed to the discrepancy between the studies directed to working out the new methods of direction-finding and the development of the method universally used at present. The work of the network can be improved either by introducing new auxiliary methods of observation maintaining the traditional method as a basic one or by replacing all equipment, communication lines and other auxiliary appliances and discarding completely

Card 1/2

Investigation of recording methods

B/531/62/000/136/003/007
A052/A101

the direction-finders used. The latter way is difficult to implement in a short time, therefore the way of a fuller utilisation of available reserves is the most practicable at present. The quality of data depends first of all on the synchronism of observations. In this connection a detailed description and the basic circuit of a command-synchronising relay and of a coincidence indicator are given. A special place is devoted to the description and evaluation of the "hyperbola-bearing" method which may prove promising on account of its versatility and simplicity. Assuming that atmospheric waves propagate in the earth-ionosphere waveguide at the velocity of light, it is possible to determine the distance from the time taken to cover a certain distance; a certain difference between the distances to a source corresponds to the time difference Δt between the arrivals of the atmospheric waves at two given points. Consequently to each value of Δt corresponds also a certain hyperbola. The point of intersection of the bearing with the hyperbola found by the value of Δt , indicates the location of the source. There are 4 figures and 1 table.

Card 2/2

L 01788-66 · EW1(1)/FOG GM/MS-4

ACCESSION NR: MT5019949

UR/2531/65/000/177/0042/0045

AUTHOR: In'kov, B. K.

TITLE: ^{44.55} Some characteristic features of the shapes of distant atmospheric

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 177, 1965. Atmosfernoye elektrichestvo (Atmospheric electricity), 12-45

TOPIC TAGS: radio noise, interference atmospherics, measurement

ABSTRACT: Stations near Kiev and Leningrad ^{12.44.55} conducted studies of distant atmospheric with the use of identical apparatus. Equipment for each station consisted of a vertical antenna (10 m), a cathode follower, an amplifier (20 cps--200 kc passband, with 80-usec delay line), and two oscilloscopes with sweep durations of 200 and 800 usec. For every atmospheric registered, the number of half-waves n (amplitude, no less than 0.2 of the maximum) were determined. These distant atmospheric appeared primarily from the east, west, and northwest. As n increased, there was a corresponding increase in distance of the atmospheric from their sources, ranging from 1800 km at n = 3 to 3900 at n = 10. A formula was established relating the change in quasi-half-period duration with the distance of atmospheric from the source. Orig. art. has: 4 tables, 4 formulas, and 4 figures.

Card 1/2

[PW]

L 01788-66

ACCESSION NR: AT5019949

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory) 3.

SUBMITTED: 00

ENCL: 00

44, 55
SUB CODE: ES, EC

NO REF SOV: 001

OTHER: 004

ATD PRESS: 4086

Card 2/2

ACC NR: AT6014851

SOURCE CODE: UR/2531/66/000/188/0034/0037

AUTHOR: In'kov, B.K.

ORG: None

TITLE: Control generator for the checkout of direction finders for atmospheric

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 188, 1966.
Atmosfernoye elektrichestvo (Atmospheric electricity), 34-37

TOPIC TAGS: atmospheric, direction finding, direction finder, atmospheric direction
finder, direction finder checkout, direction finder control generator

ABSTRACT: This paper discusses checkout for direction finders used in the location of
atmospherics. Present models had only angular checkout capability of internal errors.
Capability to find errors related to external causes, such as soil conductivity vari-
ations, was needed. Ideally, a moving artificial outside transmitter would do, but
this scheme had obvious difficulties. It was decided to use available low frequency
(9-25kc) radio stations for angular error checkout, and to adopt the heterodyne recei-
ving method. The control generator was modified by adding output capability between
16 and 35 kc. Generator block diagram is shown. Statistical results of error observa-
tions of radio stations direction finding are communicated. The errors do not exceed
2 degrees, on the average. Orig. art. has 2 figures.

SUB CODE: 04, 17/

SUBM DATE: None/

ORIG REF: 001

Card 1/1

ACC NR: AT0014852

SOURCE CODE: UR/2531/66/000/188/0038/0044

AUTHOR: In'kov, B. K.

ORG: None

TITLE: Display activation block of the atmospheric direction finder

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 188, 1966.
Atmosfernoye elektrichestvo (Atmospheric electricity), 38-44

TOPIC TAGS: atmospheric, direction finding, direction finder, atmospheric direction
finder, direction finder display

ABSTRACT: This paper is an account of malfunctions and of modifications made to improve the display and usefulness characteristics of standard atmospheric direction finders used by the thunderstorm location network of the Gidrometsluzhba (Hydrometeorological Service) of the SSSR. A direction finder with the modified display activation block has been now in satisfactory operation since Sept. 1964 at the Leningrad atmospheric direction finding base. Malfunctions of the standard equipment were basically those of the display initiation block. This unit should (but did not) permit consistent uniform activation starts of the displays at the commanded precise amplitude levels; also, it should not be (but often was) subject to multiple display images, due to the so called "night effect" of the space and surface radio waves. Modifications made to guarantee fulfillment of the above requirements are described. These

Card 1/2

ACC NR: AT6014852

included: 1) a shortened activation cycle - 150-180 microseconds instead of the standard 2.5 milliseconds 2) an improved input amplifier to handle the new 3) - bistable trigger circuit designed to prevent repeated spurious activations and 4) - an improved atmospheric counter capable of counting exactly at over commanded excess intensity levels. An additional modification based upon the use of photoresistors was introduced to enable receiving atmospheric signal only from chosen commanded azimuths. Orig art. has 1 figure.

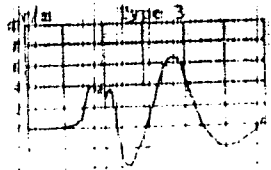
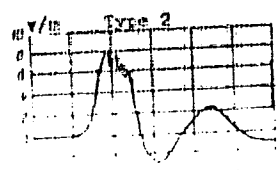
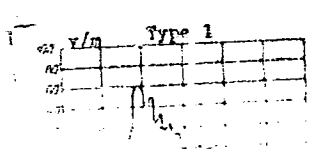
SUB CODE: 04, 17/

SUBM DATE: None/

ORIG REF: 003/

OTH REF: 001

Card 2/2



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Card 3/4

