

YAGODIN, I. *le*

Improve State Bank work standards on currency circulation.
Den. 1 kred. 18 no. 2:20-25 F '60. (MIRA 13:1)
(Money)

YAGODIN, Ivan Yevgen'yevich; MELKOV, A., red.; TELEGINA, T., tekhn. red.;

[How the State Bank serves the national economy through receiving
disbursement operations] Kassovoe obsluzhivanie narodnogo khoziai-
stva Gosudarstvennym bankom. Moskva, Gosfinizdat, 1961. 78 p.
(MIRA 14:12)

(Banks and banking)

YAGODIN, I.

Several problems of the State Bank's economic work in the field
of currency circulation. Den. 1 kred. 19 no.7:21-28 JI '61.
(MIRA 14:7)

(Banks and banking) (Money)

FEYGIN, G.D.; GERMAN, I.M.; YAGODIN, L.I.

Durability of iron mill rolls. Metallurg 9 no.3:30-33 Mr '64.
(MIRA 17:3)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

YAGODIN, Nikolay Nikolayevich; BEREZHNOY A.A., redaktor; ZABRODINA, A.A.,
tekhnicheskiy redaktor

[Experience in operating diversion hydroelectric power stations]
Opyt ekspluatatsii sooruzhenii derivatsionnykh GES. Moskva, Gos.
energ.izd-vo, 1955. 119 p. (MLBA 9:2)
(Hydroelectric power stations)

Yagodin, N.N.

AID P - 4002

Subject : USSR/Hydro. Eng.
Card 1/1 Pub. 35 - 9/18
Author : Yagodin, N. N., Eng.
Title : Silt deposits in headraces and the operation of headworks.
Periodical : Gidro. stroi., 8, 25-28, 1955
Abstract : The volume of silt deposits and suspended matter in various rivers is discussed. Some data are given in 2 tables. Methods for cleaning and deepening the reservoirs are suggested.
Institution : None
Submitted : No date

VASIL'YEV, Yu.S., dots., kand. tekhn. nauk; VEL'NER, Kh.A., dots.,
kand. tekhn. nauk; GINDUS, D.O., inzh.; GOLOVACHEVSKIY,
N.I., dots., kand. tekhn. nauk; GROMOV, A.I., inzh.;
DOMANSKIY, L.K., inzh.; ISAYEV, Yu.M., inzh.; KULESH, N.P.,
dots., kand. tekhn. nauk; MIKHALEV, B.N., dots., kand.
tekhn. nauk; MOROZOV, A.A., prof., doktor tekhn. nauk
[deceased]; NALIMOV, S.M., st. nauchn. sotr., kand. tekhn.
nauk; REZNIKOVSKIY, A.Sh., kand. tekhn. nauk; SVANIDZE, G.G.,
doktor tekhn. nauk; TANANAYEV, A.V., dots., kand. tekhn. nauk;
KHAZANOVA, A.Z., inzh.; CHERNYATIN, I.A., st. nauchn.
sotr., kand. tekhn. nauk; SHCHAVELEV, D.S., prof., doktor
tekhn. nauk; YAGODIN, N.N., st. nauchn. sotr., kand. tekhn.
nauk; LEONOVA, B.I., red.

[Utilization of water power] Ispol'zovanie vodnoi energii.
Moskva, Energiia, 1965. 563 p. (MIRA 19:1)

SOV/98-59-9-10/29

8(6),14(6)
AUTHOR:

Yagodin, N.N., Engineer

TITLE:

Some Questions on the Fight Against Floating Debris
at Diversion Hydropower Plants

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 9,
pp 36-39 (USSR)

ABSTRACT:

Experience in conventional manual and mechanical removal of debris, stopped by trash racks at several Soviet hydropower plants (Chitaklevi-GES, 6th and 7th power plant of the Shaarikhanskiy Hydropower Complex, Farkhadskaya GES, Ordzhonikidze GES, Maykop GES, Krasnopolyanskaya GES, Ortachal'skaya GES), is described. At the Narvskaya GES a special type of rack-rake is applied for removal of grass, invented by the Chief Engineer of the plant A.G. Belimov. The rack-rake consists of a rolling frame equipped with a 30-cm cylinder on which 0.5-m flexible steel rods are fixed (similar to a hay-harvesting machine). The rods tear the grass apart and enable the water-flow to carry it downstream through

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Some Questions on the Fight Against Floating Debris at Diversion
Hydropower Plants

the conduit canal and turbines. This system of grass
removal is applicable with large low-pressure turbines,
where grass flows through and cannot cause stoppage.
There is 1 diagram.

Card 2/2

YAGODKIN, N.N.

Production of particle board in Europe. Der. prom. 11 no.7:
30-31 J1 '62. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.

YAGODIN, O. G.

AUTHOR: JAGODIN, O. G. PA - 2016
TITLE: On the Question of Transit Processes in Impulse Schemes with Punctiform Crystalline Triodes. (K voprosu o perchodnyh procesah v impuljnyh shemah s tečičnymi kristalličeskimi triodami (Russian)).
PERIODICAL: Radiotekhnika, 1957, Vol 12, Nr 1, pp 43-57 (U.S.S.R.)
Received: 1 / 1957 Reviewed: 3 / 1957

ABSTRACT: For the analysis of transition processes in wiring schemes it is necessary to know the dynamic properties of crystalline triodes. It has been proved by experiments that these properties are determined above all by the diffuse character of charge carrier velocity. The diffusion equation by SOKLI cannot be used because it is too complicated. For reasons of simplification it is advisable to replace the crystalline triodes by equivalent schemes by which their dynamic properties are reflected and which warrant the necessary exactitude of computation. The elements necessary for this purpose are those which take account of the damping and of the phase shift of the high frequency components of the signal and which represent the shift of the reaction of the system on the occasion of input fluctuations. The approximated solution of the problem of transition processes in a nonlinear system consists in obtaining successive linear solutions for a number of domains with subsequent adaption of these solutions to the limits of these domains. As concrete examples transition processes in the scheme of a single-cycle relaxator and in a starting device with a punctiform triode which works without saturation are dealt with. In the former case it

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On the Question of Transit Processes in Impulse Schemes with Punctiform Crystalline Triodes.

PA - 2016

is assumed that starting is brought about by a current gradient. The equations for the active as well as for the saturation zone are set up, after which the duration of the front impulse can be computed. The duration of the impulse itself can be determined in accordance with the formulae by LOW and McDUFFIE. The starting device is a scheme with two degrees of freedom, similar to the scheme of the single-cycle relaxator. The process of tilting in the scheme as a result of the current gradient is investigated. A considerable simplification of the analysis of the processes in the scheme and greater clearness is attained in the cases of those parameters of the triodes and the starting mechanism in which the influence exercised by capacity in the emitter circuit can be neglected. From the equation derived it may be seen that the velocity of the processes, both of direct and of reverse tilting, is determined in the starting scheme investigated by the coefficient of the exponential term. In conclusion it is stated that, in order to shorten the duration of the transition process in impulse schemes, it is advisable to use crystalline triodes with the greatest possible resistance of the potential barrier of the collector which, at the same time, have a great α and high frequency limit.

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE:

CARD 2 / 2

Library of Congress

YAGODIN, O. G.

9(4) p. 2 PHASE I BOOK EXPLOITATION SOV/1778

Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti. Moskovskoye pravleniye

Tranzistornaya elektronika v priborostroyeni; sbornik trudov konferentsii (Transistor Electronics in the Instrument-making Industry; Collection of Conference Transactions) Moscow, Oborongiz, 1959. 289 p. 1,400 copies printed.

Ed.: N.I. Chistyakov, Doctor of Technical Sciences, Professor;
Ed. of Publishing House: S.D. Khametova; Tech Ed.: V.P. Rozhin; Managing Ed.: A.S. Zaymovskaya, Engineer.

PURPOSE: The book is intended for scientific and engineering personnel of the instrument-making and radio industries engaged in the development of electronic and radio equipment.

COVERAGE: The authors of this collection of articles discuss the theory, principle of operation, calculation and application of electronic circuits using transistors. They also

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Transistor Electronics (Cont.)

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describe transistor application in measuring circuits, computers, radio and automatic and remote control circuits. The book is based on transactions of the Scientific and Engineering Conference organized by NTO in Moscow in December 1956. The conference discussed 54 papers on thermistors, photocells, thermocouples, cooling elements, nonlinear capacitors, crystal diodes, and transistors. A considerable number of these papers have been included in the present book. No personalities are mentioned. References appear at the end of each article.

TABLE OF CONTENTS:

Foreword

3

O.G. Yagodin, Candidate of Technical Sciences. De-termination of Point-contact Transistor Parameters Under Dynamic Conditions

5

The author discusses the operation and characteristics of transistors and describes methods of obtaining their parameters. Particular attention is given to the operation of a transistor amplifier with regenerative

Card 2/³/₁₂

Transistor Electronics (Cont.)

SOV/1778

feedback. Operation of circuits used for experimentally determining transistor parameters is also discussed. There are 4 references of which 2 are Soviet, and 2 English

N.K. Powarov, Candidate of Technical Sciences. Electronic Devices Fed by Current Generators

25

The author describes the static and dynamic characteristics of nonlinear elements and discusses their equivalent circuits. He also describes the operation and characteristics of vacuum phototubes, vacuum-tube amplifiers, transistors, cascade amplifiers, and oscillators connected to a current generator. There are 8 references of which 7 are Soviet and 1 English.

V. Ya. Sutyagin, Engineer. Average-current Transistor Amplifiers

39

The author discusses the operation and characteristics

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3

SLUTSKIY, Veniamin Zakharovich; FOGEL'SON, Boris Il'ich; LEVICHEV, Vladimir Grigor'yevich; YAGODIN, Oleg Gavrilovich; Primali uchastiye MUNVEZ-FRENKEL, I.Z.; STEPUK, Ya.V.; MATLIN, I.I., red.; SOLOMONIK, R.L., tekhn. red.

[Fundamentals of radar and radio engineering; display units, rectifiers, and transistor devices] Osnovy radiotekhniki i radio-
lokatsii; indikatory, vypriamiteli i poluprovodnikovye pribory.
By V.Z.Slutskiy i dr. Moskva, Voen.izd-vo M-va oborony SSSR, 1961.
355 p.

(Radar) (Radio--Equipment and supplies)

(MIRA 14:12)

S/184/61/000/005/006/009
D041/D113

AUTHORS: Bagryanskiy, K.V., Candidate of Technical Sciences; Kuz'min, G.S., Yagodin, P.P. and Pavlyuk, S.K., Engineers.

TITLE: Electric arc welding of nickel.

PERIODICAL: Khimicheskoye mashinostroyeniye, no. 5, 1961, 40-42

TEXT: The welding department of the Zhdanovskiy metallurgicheskiy institut (Zhdanov Metallurgical Institute), in cooperation with the workers of the Zavod "Progress" ("Progress" Plant), has developed and introduced an automatic, semi-automatic and manual electric-arc welding method of НП-2 (NP-2) nickel permitting composite welds to be obtained. The production of the ЖН-1 (ZhN-1) ceramic flux proposed by the institute and of the Прогресс-50 (Progress-50) electrodes developed by the authors was started at the electrode shop of the "Progress" Plant. The article contains a detailed description of the above-mentioned methods used for welding the parts of a mixing device. The casing was made of NP-2 nickel 500 mm in diameter and 3,000 mm long with welded flanges and pipe junctions. The casing walls were 10 mm

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D041/D113

Electric arc ...

thick, and the pipe junctions 6 mm. The mixer consisted of a steel pipe with a 3 mm nickel coating. A TC-17M (TS-17M) automatic welding machine the ZnN-1 flux, and an NP-2 (NP-2) electrode wire on the flux pad with direct current of additive polarity were used for welding. A ПС-500 (PS-500) transformer served as feed source, and the flux granulation was 1.5-2.0 mm. The circumferential seams were welded using a T-22 (T-22) welding manipulator and a TC-17M (TS-17M) tractor mounted on a special arrangement. The nickel pipe junctions were welded to the casing by a ПШ-5 (PSh-5) semi-automatic machine using NP-2 wire 2.5 mm in diameter. In this case, the flux granulation was 0.8-1.3 mm. The welds were examined and tested under a hydraulic pressure of 2 gage atmospheres. They were tight, with neither cracks nor gas or slag inclusions. Corrosion tests in a caustic soda solution were carried out at 500°C for 50 hours. Good results were obtained. It is concluded that the use of the above-mentioned methods for manufacturing nickel devices permitted high-quality weld joints to be obtained. There are 1 figure and 3 tables.

Card 2/2

1. YAGODIN, P. Ye.
2. USSR (600)
4. Poultry Houses and Equipment
7. What kind of building is required for raising young poultry. Ptitsevodstvo no. 2, 1952.

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

1. YAGODIN, P. Ye.
2. USSR (600)
4. Poultry
7. Poultryman's calendar, Ptitsevodstvo No. 2, 1953.

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

SMETNEV, S.I., prof., doktor sel'skokhoz.nauk; BOGDANOV, M.N., zootekhnik;
GOFMAN, M.B., zootekhnik; GRIGOR'YEV, G.K., zootekhnik; ZHIDKIKH,
Z.A., kand.sel'skokhoz.nauk; PZHIONZHKEVICH, E.E., doktor biolog.
nauk, prof.; PREVO, A.A., kand.biolog.nauk; TRET'YAKOV, H.P., doktor
sel'skokhoz.nauk, prof.; USPENSKIY, A.A., kand.sel'skokhoz.nauk;
USHAKOV, A.A., kand.veterin.nauk; SHAPOVALOV, Ya.Ya., kand.sel'sko-
khoz.nauk; YAGODIN, P.Ya., zootekhnik; YATSYNIN, N.N., zootekhnik; FEDO-
ROVSKIY, N.P., kand.biol.nauk; SYCHIK, Ye.V., red.; PAVLOVA, M.M., tekhred.

[Poultry raising; a manual for farm managers] Ptitsevodstvo;
rukovodstvo dlia zavedulushchego fermoi. Izd.5, perer.i dop.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 495 p. (Bibliotekha
po ptitsevodstvu, no.1) (MIRA 12:4)

1. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk im. V.I.Lenina (for Smetnev).
(Poultry)

YAGODIN, V., inzhener-polkovnik

Securing teletype radio communication. Tekh. i vooruzh. no.4:63-67
Ap '64. (MIRA 17:9)

YAGODIN, V., inzh.-podpolkovnik

Two-channel radiotelegraphic communication. Voen.sviaz. 16 no.4:27-31
Ap '58. (MIRA 11:4)

(Radiotelegraph)

YAGODIN, Vladimir Pavlovich;KOLESOV, S.V., red.; KRASAVINA, A.M.,
tekh. red.

[Radio teletype engineering] Tekhnika bukvopchataiushchei radio-
sviazi. Moskva, Voen.izd-vo M-va obor. SSSR, 1961. 149 p.

(Telegraph, Wireless)

(Teletype)

(MIRA 15:1)

YAGODIN, V.P., inzhener-polkovnik; VASIL'YEV, A.S., podpolkovnik

Prospects for the development of communications technic (as revealed by foreign press data). Vest. protivovozd. obor. no.6:56-62 Je '61. (MIRA 14:8)

(Radio)

YAGODIN, V. P.

PHASE I BOOK EXPLOITATION

SOV/6228

Agafonov, Vasily Prokhorovich, and Aleksey Valer'yanovich Sakovich
Voyennaya svyaz' (Military Communications) Moscow, Voenizdat M-va
obor. SSSR, 1962. 232 p. Errata slip inserted. 8000 copies
printed.

Ed.: A. V. Vrublevskiy, Engineer-Colonel; Tech. Ed.: T. F. Myasni-
kova.

PURPOSE: This book is intended for officers of ground forces and may
also be useful to officers and noncommissioned officers in signal
communications who are studying problems in military communications.

COVERAGE: The book discusses the means and types of military communi-
cations, their tasks and requirements, and methods for the organi-
zation and development of communications. According to the annota-
tion, the book is a reflection of the viewpoints of the authors and
is not to be considered as an official statement regarding military
communications. The book is based on Soviet and non-Soviet open-

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Military Communications

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source materials. Chapter II, Section 2 was written by V. S. Chernyshev and V. P. Yagodin; Chapter II, Section 3, by M. D. Artamonov; and Chapter II, Sections 4 and 5, by K. F. Minalovich. No personalities are mentioned. There are 27 references, all Soviet.

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Military Communications

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L 02457-67

ACC NR: AP6027446

(N)

SOURCE CODE: UR/0308/66/000/008/0026/0027

AUTHOR: Khaykin, A. (Candidate of technical sciences, Head); Yagodkin, V.
Candidate of technical sciences) 44
B

ORG: Khaykin Department of Electric Propulsion of Ships, LVIMU (Kafedra "Elektro-
dvizheniye sudov" LVIMU

TITLE: The operation of an icebreaker's electric propeller drive while breaking
ice with propeller blades

SOURCE: Morskoy flot, no. 8, 1966, 26-27

TOPIC TAGS: propeller blade, ice breaker, marine engineering, *ELECTRIC
PROPULSION*

ABSTRACT: The operation of an icebreaker in uniform-ice areas is characterized by
increased bending moments on propeller blades while breaking ice and decreased
moments in ice-free water. The propeller blades are subjected to maximum stress
when the propeller is blocked by a cake of ice. A formula is given for the moment
which must be applied to break up ice and for the relationship between this moment
and the blade's deflection angle. The depth of the blade's bite into ice is ex-
pressed as a function of its designed pitch angle, deflection angle, and propeller
diameter. The characteristic given for the moment as a function of the rpm makes
it possible to determine those parameters of an ice breaker's propeller drive which
will eliminate a blocking of the propeller. Orig. art. has: 2 figures and 6 formu-
las. [GE]

SUB CODE: 13/ SUBM DATE: none/

Card 1/1 *gd*

UDC: 629.124.791:629.12:538.582.5.037.001.3645

YAGODIN, V.V.

Method for determining the reduced pressure of formation waters in
wells. Trudy VNII no.11:261-270 '57. (MLRA 10:11)
(Oil field brines)

YAGODIN, V.V.

Methods of calculating the pressure of formation waters in wells
and an evaluation of their accuracy. Nauch.-tekhn. sbor. po dob.
nefti no.13:26-31 '61. (MIRA 16:7)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.
(Oil field brines)

SHEYNIN, Viktor Mikhaylovich; YAGODIN, Ye.I., inzhener, retsenzent;
MAKAROV, S.Ya., inzhener, retsenzent; ZAYTSEVA, K.Ya., inzhener,
nauchnyy redaktor; PETROVA, I.A., izdatel'skiy redaktor;
GHISTYAKOVA, A.V., tekhnicheskiiy redaktor

[Calculating aircraft centering] Raschet tsentrovki samoleta.
Moskva, Gos. izd-vo obor.promyshl., 1955. 226 p. (MIRA 9:8)
(Airplanes--Design and construction)

BUNIN, K.V.; YAGODINA, A.F.; NOVAKOVSKAYA, A.A.; ABRANOVA, V.I. (Moskva)

Using disulfomin in acute dysentery. Klin.med. 35 [1.e.34] no.1
Supplement:32 Ja '57. (MIRA 11:2)

1. Iz kliniki infeksionnykh bolezney (zav. K.V.Bunin) I Moskovskogo
ordena Lenina meditsinskogo instituta.
(DYSENTERY) (SULFANILANILIDK)

SOV/72-58-10-5/18

AUTHORS: Kitaygorodskiy, I. I., Professor, Matveyev, M. A.,
Sentyurin, G. G., Yagodina, A. T.

TITLE: Binder for Building Material Made From "Foam-Glass"
(Vyazhushchiy material dlya stroitel'nykh izdeliy iz
penostekla)

PERIODICAL: Steklo i keramika, 1958, ¹⁵Nr 10, pp 22-25 (USSR)

ABSTRACT: Investigations of various binders for "foam-glass" on the basis of liquid glass and caustic magnesite, respectively, as well as of an aqueous solution of magnesium chloride were carried out. Table 1 shows the composition of binders on the basis of liquid glass and table 2 that of those on the basis of caustic magnesite. From among the properties of the binders the setting time, mechanic stability, water tightness, and the coefficient of thermal expansion (by means of the dilatometer according to Botvinkin-Solomin) and the adhesion were determined. The characteristics of properties of the investigated binders can be seen from tables 3 and 4. The binders on the basis of liquid glass proved to be insufficiently watertight. From among the mag-

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Binder for Building Material Made From "Foam-Glass" SOV/72-58-10-5/18

nesite binders, those with a content of 45 % caustic magnesite, 25 % marshallite, 4,5 % asbestos, 25 % talc gave satisfactory results. There are 4 tables.

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15.2120

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S/539/60/000/031/011/014
E071/E135

AUTHORS: Yagodina, A.T., and Gorgoraki, Ye.A.

TITLE: The evolution of gas from a fluorine containing
(barium-lithium) glassPERIODICAL: Moscow. Khimiko-tehnologicheskii institut. Trudy,
No.31, 1960. Issledovaniya v oblasti khimii i
tehnologii elektrovakuumnykh materialov. pp.70-75

TEXT: Barium-lithium glass No. 713 is used for the
manufacture of bulbs of some electro-vacuum apparatus. A knowledge
of the gas evolution from this glass during heat treatment is
necessary for its degassing during the evacuation of the apparatus
as well as for elucidating the possible effect of the gas evolved
on the operation of the apparatus. For this reason the
evolution of gas from the above glass on heating was investigated. X
The composition of the glass was as follows (wt.%): SiO₂ 67.5;
Al₂O₃ 5.0; BaO 12.0; Na₂O 7.0; K₂O 7.0; Li₂O 0.6; F₂ 0.9.
The evolution of gas was followed by a fractional freezing out of
the gases and vapours separated, so that the contents of water
vapour, carbon dioxide, carbon monoxide, nitrogen, hydrogen and
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X

The evolution of gas from a fluorine... E071/E135

oxygen could be determined (carbon monoxide and hydrogen were preliminarily oxidised to carbon dioxide and water respectively and oxygen by the reaction with a tungsten wire). Glass specimens were used in the form of fine threads of 1 - 1.5 mm diameter. The separation of gas from the glass was investigated at temperatures of 100, 150, 200, 300, 400 and 500 °C, at a vacuo of about 10^{-6} mm Hg. The evolution of fluorine was tested separately by heating a crushed glass sample in a stream of air which was subsequently passed into a solution of zirconium quinizarin (for the colorimetric determination of fluorine). The evolution of fluorine was tested at temperatures from 300 to 1000 °C at intervals of 100 °C. It was found that on heating glass number 713 fluorine containing gas is evolved; maximum evolution takes place at a temperature close to that at which the apparatus made from this glass is sealed. In view of the above, some experimental tubes were made from this glass and for comparison from glass 3C-4 (ZS-4) which is widely used in the manufacture of electrovacuum apparatus with an oxide cathode. A cathode coated with (Ba, Sr)CO₃ was used for the experimental tubes. After sealing the stems into the experimental bulbs it

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E071/E135

The evolution of gas from a fluorine...

was noticed that in tubes made from glass number 713 some dark spots were present on the open part of the cathode; there were no such spots in tubes made from the glass ZS-4. On subsequent determination of the emission characteristics, the emission of tubes made from glass number 713 was practically absent. The above mentioned black spots were found to be parts of the pure base metal of the cathode from which the carbonate coating was lost. Therefore, the decrease in the emission was caused by a considerable decrease in the surface area of the emitting coating. It is concluded that: 1) On heating glass number 713, water vapour, carbon dioxide, carbon monoxide, oxygen and nitrogen are evolved. The change with temperature of the amount of the gas evolved passes through a maximum at 150 °C (0.083 cm³ per 100 cm² of the surface of the glass) and a minimum at 300 °C (0.028 cm³ per 100 cm² of the surface). 2) The main proportion of the gas evolved consists of water vapour and carbon dioxide. 3) The results obtained agree with the evolution of gas from glasses of usual composition. 4) At 400 °C fluorine compounds are evolved in addition to the above gases. The amount of fluorine increases with increasing temperature; at about 800 °C the increment of

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X

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The evolution of gas from a fluorine...E071/E135

fluoride compounds evolved is proportional to a temperature increase (0.006 mg fluorine per one g of glass·100 °C).

5) The presence of fluorine in the gas evolved during the stage of sealing-in the stem causes dusting off of the oxide coating which in turn lowers the emission in tubes made from glass number 713.

There are 6 figures and 2 references; 1 Soviet and 1 English. The English language reference reads as follows:

Ref.1: H.A. Shaddock, A. Van Zee. J. Am. Ceramic Soc., V.25, No.3, 69 (1942).

Card 4/4

VOL'FKOVICH, S.I.; IONASS, A.A.; POSTNIKOV, N.N.; REMEN, R.Ye.; SIDEL'DOVSKIY,
L.N.; SHURYGIN, A.P.; DEREVITSKIY, P.F.; YAGODINA, T.N.

Hydrothermal process of defluorination of natural phosphates in a
cyclone furnace. Khim.prom. no.8:674-680 D '59. (MIRA 13:6)

1. Nauchnyy institut po udobreniyam i insektofungitsidam im. Ya.V.
Samoylova i Moskovskiy energeticheskiy institut im. Molotova.
(Phosphates) (Fluorine)

VOL'FKOVICH, S.I.; IONASS, A.A.; MEL'NIKOV, Ye.B.; REMEN, R.Ye.; SIDEL'KOVSKIY,
L.N.; TROYANKIN, Yu.V.; SHURYGIN, A.P.; YAGODINA, T.H.

Hydrothermal treatment of phosphates in a cyclone furnace. *Khim.*
prom. no. 6:394-399 Je '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i
insektofungitsidov i Moskovskiy energeticheskiy institut.
(Phosphates)

VOL'PKOVICH, S.I.; LORENTS, G.; ZHUKOVA, V.A.; SIDEL'KOVSKIY, L.N.; RUSSO, V.L.;
YAGODINA, T.N.

Hydrothermal processing of phosphates in a fluidized bed. *Khim.prom.*
41 no.6:459-462 Je '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy institut po udobreniyam i
insektofungitsidam imeni Ya.V.Samoylova; Moskovskiy gosudarstvennyy
universitet i Moskovskiy energeticheskiy institut.

MULTANOVSKAYA, G.S.; NEYMAN, V.V.; YAGODINA, Ye.D., kand. pedagog. nauk, red.;
KHELMSKAYA, L.M., tekhn. red.

[Scientific and technical knowledge for everyone; collection of materials for the assistance of public libraries] Nauchno-tekhnicheskie znaniia - v massy; sbornik materialov v pomoshch' massovym bibliotekam. Moskva, 1958. 195 p. (MIRA 11:8)

1. Moscow. Publichnaya Biblioteka. Nauchno-metodicheskiy kabinet bibliotekovedeniya.

(Bibliography--Technology)

(Bibliography--Science)

YAGODKINA, Ye.G.

Pathogenesis of inflammatory edema in relation to the intensity
of action of the thermal factor. Biul. eksp. biol. i med. 57 no.1:
32-36 Ja '64. (MIRA 17:10)

1. Kafedra patologicheskoy fiziologii (zav. - prof. I.A. Oyvin)
Kubanskogo meditsinskogo instituta, Krasnodar. Predstavlena deyst-
vitel'nym chlenom AMN SSSR A.Ye. Braunshteynom.

YAGODINSKAYA, N.N.

Surgery in trichiasis. Vestn. oftal. 76 no.4:58-59. JI-Ag'63
(MIRA 17:1)

1. Leninogorskaya gorodskaya bol'nitsa, Tatarskaya ASSR.

GRIGOR'YANTS, N.N.; SOKOLOVA, T.A.; YAKODINSKAYA, S.G.

Ascorbic acid content of vegetables and grapes in the Turkmen
S.S.R. Izv. AN Turk. SSR no.5:77-80 '59. (MIRA 13:3)

1. Ashkhabadskiy institut epidemiologii i gigiyeny Ministerstva
zdravookhraneniya Turkmenskoy SSR.

(Ascorbic acid)
(Turkmenistan--Vegetables)
(Turkmenistan--Grapes)

GRIGOR'YANTS, N.N.; SOKOLOVA, T.A.; YAGODINSKAYA, S.G.

Characteristics of the mineral composition of vegetable food products
in the Turkmen S.S.R. Izv. AN Turk. SSR. Ser. biol. nauk no.1:49-53
'61. (MIRA 14:8)

1. Turkmenskiy gosudarstvennyy meditsinskiy institut.
(TURKMENISTAN--PLANTS, EDIBLE--CHEMICAL ANALYSIS)
(MINERALS IN FOOD)

YAGODINSKAYA, Ye. M.

USSR/Human and Animal Physiology. Blood. Formed Elements
of Blood.

T-4

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55423.

Author : Yagodinskaya, Ye. M.

Inst :

Title : The Blood Characteristics in Newborn Infants on
the First Day of Their Life.

Orig Pub: Azerb. tibb. zh., 1957, No 7, 44-48 (azerb.);
110-113 (russk.)

Abstract: During the first hour of their life, the smallest
number of erythrocytes (E), of Hb, and of leukocytes
(namely, 5,500,000 per 1 mm³ of erythrocytes, 124
percent of Hb, and 14,554 per 1 mm³ of leukocytes)
was found in healthy, full-term newborn infants
(N; 140). From the first to the sixth hour of life

Card : 1/4

43

USSR/Human and Animal Physiology. Blood. Formed Elements of Blood.

T-4

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55423.

these figures increased sharply (namely, 6,348,000 per 1 mm³ of erythrocytes, 143.7 percent of Hb, and 16,093 per 1 mm³ of leukocytes). During the next hours of the infants' life, the blood counts decreased gradually. The largest number of reticulocytes (R) was found during the first hour of life (56.22 per thousand), and during the 18th to 24th hours (56.32 per thousand). On the average, 136 percent of Hb, 6,052,000 E per 1 mm³, 53.7 percent of R, and 15,154 leukocytes per 1 mm³ were found in the blood of N from mothers (104) who were sufficiently well nourished. Similar blood counts were established in infants' blood whose mothers had an insufficient diet (36). Apparently, a not too long last-

Card : 2/4

USSR/Human and Animal Physiology. Blood. Formed Elements of Blood.

T-4

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55423.

ing insufficient diet during pregnancy has little effect upon the indicators of the blood form elements, as the fetus receives all it needs for its development from the mother's reserves. If pregnancy lasts 2-4 weeks longer, the amount of Hb decreases by 4-8 percent, and the number of R increases by 10-12 per thousand. The erythrolysis becomes intensified, a fact which causes an increase in erythropoiesis and in reticulosis of the peripheral blood. A delay of delivery causes some increase in the amount of Hb and of R. The absolute and relative lymphocyte content increases in the course of the first hour of life. A neutrophilosis is observed during the next hours, which develops at the expense

Card : 3/4

44

USSR/Human and Animal Physiology. Blood. Formed Elements
of Blood.

T-4

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55422.

of the nuclear neutrophil segments high count.
The blood contents of eosinophils, monocytes, and
especially of myelocytes and basophils are largely
insignificant.

Card : 4/4

YAGODINSKIY, A.

Russia - Economic Conditions

Government loans of the U.S.S.R. in the service of socialism, Sov. fin. 13, No. 4, 1952.

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

SOV/27-58-12-5/23

AUTHORS: ~~Yagodinskiy, D.~~, Deputy Chief of Oblast' Administration;
Dmitriyev, P., Senior Inspector

TITLE: The Reorganization in the Training of Agricultural Machine Operators (O pe: estroyke podgotovki mekhanizatorov sel'skogo khozyaystva)

PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, ¹⁵ Nr 12, p 10 (USSR)

ABSTRACT: The authors refer to suggestions made by the Glavnoye upravleniye trudovykh rezervov (Main Administration of Labor Reserves) that young people's general education be finished in the 8th grade, and that further training, which would include useful work, be continued in the town professional-technical schools for 2 to 3 years and in the village schools for 1 to 2 years. They feel that the Main Administration underrates the complexity and significance of agricultural production. They mention the knowledge agricultural workers should possess and recommend that greater attention be paid to the training of village youth. They consider that the curriculum of the village professional-technical school should cover a period

Card 1/2

SOV/27-58-12-5/23

The Reorganization in the Training of Agricultural Machine Operators

of at least 3 years, during which the students must also be engaged in useful work. They give details of the curriculum and indicate the subjects which should be included in the plan.

ASSOCIATION: Irkutskoye oblastnoye upravleniye sel'skogo khozyaystva (Irkutsk Oblast' Administration of Agriculture) and Irkutskoye oblastnoye upravleniye trudovykh rezervov (Irkutsk Oblast' Administration of Labor Reserves)

Card 2/2

OLEYNIK, I.I.; YAGODINSKIY, V.N. (Leningrad)

Controlled induction of antitumor properties in bacteria. *Biul. eksp. biol. i med.* 48 no.11:86-89 N '59. (MIRA 13:5)
(NEOPLASMS exper.)
(PROTEUS)
(PSEUDOMONAS)

OLEYNIK, I.I.; YAGODINSKIY, V.N. (Baltiysk)

Experience with vaccination against influenza in military establishments. Vop. virus. 5 no. 2:244-245 My-S '60. (MIRA 14:4)
(INFLUENZA)

SVERDLOV, A. B., podpolkovnik meditsinskoy sluzhby; BISPEN, V. I.,
kapitan meditsinskoy sluzhby; YAGODINSKIY, V. N., kapitan
meditsinskoy sluzhby

Epidemiological effectiveness of the A₂ influenza vaccine.
Voen.-med. zhur. no.12:62 D '61. (MIRA 15:7)

(INFLUENZA)

YAGODINSKIY, V.N.; SKVORTSOV, B.I.

Isolation of the virus of tick-borne encephalitis from on a tissue culture of chick fibroblasts. Vop.virus 7 no.4:39-42 J1-Ag '62.
(MIRA 15:8)

1. Meditsinskaya sluzhba Tikhookeanskogo flota.
(ENCEPHALITIS) (TISSUE CULTURE)

BAUMAN, V.M.; YAGODINSKIY, V.N.; FILIPPOVICH, Yu.V.

Clinicoepidemiological characteristics of an outbreak of
botulism related to ingestion of preserved flounder. Zhur.
mikrobiol., epid. i immun. 33 no.7:92-95 J1 '62.
(MIRA 17:1)

1. Iz meditsinskoy sluzhby Tikhookeanskogo flota.

YAGODINSKIY, V.N.; ALEKSANDROV, Yu.V.; KOLODOCHKA, L.A.

Simple device for electrophoresis. Lab. delo. no.2:122-123 '65.
(MIRA 18:2)

ALEKSANDROV, Yu.V. (Sovetskaya Gavan'); KOLODOCHKA, L.A. (Sovetskaya Gavan');
YAGODINSKIY, V.N. (Sovetskaya Gavan')

Description of the male *Macrocheles superbus* Hull., 1918
(Gamasoidea, Macrochelidae). Zool. zhur. 44 no.4:608-610
'65. (MIRA 18:6)

PARFANOVICH, M.I.; SOKOLOV, N.N.; CHURILOVA, A.A.; YAGODINSKIY, V.N.; PCHELINA,
A.A.; KORENBERG, E.I.; LOKHOVA, S.V.

Reviews. Vop. virus. 10 no.2:241-245 Mr-Apr '65,

(MIRA 18:10)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva (for Parfanovich, Sokolov).
2. Leningradskaya oblastnaya sanitarnaya epidemiologicheskaya stantsiya (for Churilova, Yagodinskiy).
3. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR, Moskva (for Pchelkina, Korenberg).
4. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov (for Lokhova).

ALEKSANDROV, Yu.V.; YAGODINSKIY, V.N.; APOLIOVA, L.N.

A new species of mites *Parholaspulus bregetovae*, sp. n.
(Gamasoidea, Macrochelidae). Ent. oboz. 44 no.1:217-220
'65. (MIRA 18:7)

1. Meditsinskaya sluzhba Tikhookeanskogo flota.

YAGODINSKIY, Ye.A.

YAGODINSKIY, Ye.A., inzhener

Hot method of applying bituminous coatings to decks on metal barges.

Rech.transp. 14 no.8:18-20 Ag'55.

(MLRA 8:11)

(Barges--Painting)

YAGODINTSEV, A.

Performance of a fleet of crewless barges. Rech. transp. 23
no. 1:14-15 Ja. '64. (MIRA 18:11)

1. Zamestitel' nachal'nika Ural'skogo parokhodstva.

YAGODKA, P. N.

Clinical and somato-vegetative parallels in the treatment
with interrupted sleep induced with amytal sodium. Uchen.
zapski. vtor. moskov. med. Inst. Stalina 1:87-98 1951.

(CLML 21:3)

1. Candidate Medical Sciences. 2. Department of Psychiatry
(Head -- Prof. V. A. Gilyarovskiy, Active Member AMS USSR).

YAGODKA, P.N.; DENISOV, V.D.

I.P.Pavlov's teachings as applied to medical practice in a psychiatric hospital. P.N.Yagodka, V.D.Denisov. Zhur,nevr.i psikh.
55 no.3:234-235 '55. (MLRA 8:7)
(PSYCHOTHERAPY)

YAGODKA, P.N.
YAGODKA, P.N.

Therapeutic role of the combined parenteral administration of
caffeine and sodium amytal. Zhur.nevr. i psikh. Supplement:90
'57. (MIRA 11:1)

1. Kafedra psikiatrii (zav. - prof. O.V.Kerbikov) II Moskovskogo
meditsinskogo instituta imeni I.V.Stalina.
(CAFFEINE--PHYSIOLOGICAL EFFECT)
(AMOBARBITAL)

YAGODKA, P.N.

"Activitas nervosa superior," nos.1-2, 1959. Reviewed by P.N.
Iagodka. Zhur. nerv. i psikh. 60 no. 2:254-255 '60. (MIRA 14:4)
(CZECHOSLOVAKIA--NEUROLOGY--PERIODICALS)

YAGODKA, P.N. (Moskva)

Classification of psychotropic substances and some new preparations.
Zhur.nevr.i psikh 60 no.8:1069-1071 '60. (MIRA 13:9)
(PSYCHOPHARMACOLOGY)

YAGODKA, P.N.

"Hypnotic sleep therapy in psychiatric practice" by L. Benichou.
Reviewed by P.N. Iagodka. Zhur. nevr. i psikh 60 no. 8: 1072-1074 '60.
(MIRA 13:9)

(SLEEP—THERAPEUTIC USE)

(PSYCHIATRY)

(BENICHOV, L.)

YAGODKA, P.N. (Moskva)

Current state of psychiatric service in France and a plan of its reorganization; based on materials of the periodical "L'information psychiatrique" and some other sources. Zhur. nevr. i psikh. 63 no.8: 1270-1275 '63. (MIRA 17:10)

YAGODKA, P.N. (Moskva); NARODITSKAYA, V.F. (Moskva); POTAPOVA, A.A. (Moskva);
SMOLINA, A.I. (Moskva)

Combined parenteral use of barbamil and caffeine at the present development stage of psychiatric therapy. Zhur. nevr. i psikh. 65 no.5:757-761 '65.
(MIRA 18:5)

ROZHKOV, N.A.; YAGODKIN, F.I.

Response to F.A.Abramov, A.F.Maksimov, V.A.Dolinskii's article
"Problem of the modification of mine shaft reinforcement." Ugol'
36 no.9:55-56 S '61. (MIRA 14:9)

1. Kemerovskiy filial Kuzbassgiproshakhta.
(Mine timbering) (Shaft sinking)
(Abramov, F.A.) (Maksimov, A.P.) (Dolinskii, V.A.)

YAGODKIN, G. I.

YAGODKIN, G. I. -- "Investigation of the Fundamental Relations of the Process of
Crushing Coal by a Single Bit." Sub 28 May 52, All-Union Sci Res Coal Inst
(Dissertation for the Degree of Candidate in Technical Sciences)

SO: VECHERNAYA MOSKVA, January-December 1952

YAGODKIN, G.I.

YAGODKIN, G.I., kandidat tekhnicheskikh nauk; BERON, A.I., inzhener

Testing rock resistance to cutting for an operating conditions
study of cutting parts in a PD-1 heading machine. Nauch.rab.
VUGI no.11:7-28 '54. (MLRA 8:11)
(Coal mining machinery)

YAGODKIN, G.I., kandidat tekhnicheskikh nauk; DRUZHKOVA, V.A., inzhener.

Cutting chain with "large cut" elements. Ugol' 29 no.5:43-44 My '54.
(MLRA 7:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut.
(Coal-mining machinery)

ZARETSKAYA, Zel'da Matveyevna [translator]; YAGODKIN, G.I., otvetstvennyy
redaktor; NADHINSKAYA, A.A., tekhnicheskiy redaktor

[American cutter-loaders; a collection of translations] Amerikanskiye
gornyye kombainy; sbornik perevodov. Moskva, Ugletekhizdat, 1956.
55 p. (MIRA 10:2)

(United States--Coal mining machinery)

YAGODKIN, G. I.

BORODINO, Leonid Stepanovich; YAGODIN, G.I., otvetstvennyy redaktor;
ASTAKHOV, A.V., redaktor izdatel'stva; ANDREYEV, G.G., tekhnicheskiy
redaktor

[Mining machinery; a textbook] Gornye mashiny; prakticheskie raboty.
Moskva, Ugletekhizdat, 1956. 114 p. (MLRA 9:9)
(Mining machinery)

YAGODKIN, G.I.; CHEKANOV, A.N.; TERPIGOREV, A.Mikh.

Determining mechanical characteristics of coals by samples of arbitrary shape. Ugol' 31 no.3:33-34 Mr '56. (MIRA 9:7)

1.Vsesoyuznyy ugol'nyy institut.
(Coal--Testing)

YAGODKIN, G.I., kand.tekhn.nauk

Basic qualitative indices of the work of a coal-mining section.
Nauch.soob.Inst.gor.dela 7:18-21 '61. (MIRA 15:1)
(Coal mines and mining)

YAGODKIN, G.I.; KUNTYSH, M.F.

Determining the compression strength of samples. Fiz.-mekh.-
svois., dav. i razr. gor. porod no. 1:8-11 '62. (MIRA 16:3)
(Rocks--Testing)

KHORIN, V.N.; YAGODKIN, G.I.

Complex method of studying the interaction of powered support spans with the roof of workings. Fiz.-tekh. probl. razrab. (MIRA 19:1)
pol. iskop. no.5:43-52 '65.

1. Institut gornogo dela imeni Skochinskogo, Moskva.

YAGODKIN, I.A., kand.tekhn.nauk; GOLYNCHIK, L.S., inzh.

Predicting hyperbolic characteristics of diesel locomotive
generators with the aid of functional transformers. Sbor.
LIIZHE! no.159:250-257 '58. (MIRA 12:2)
(Diesel locomotives--Electric equipment)

³⁰⁴⁸⁵
S/194/61/000/008/036/092
D201/L304

13,2000

AUTHORS: Yagodkin, I.A. and Il'in, I.P.

TITLE: An electromechanical sinewave device

PERIODICAL: Referativnyy zhurnal. Avtomatika i radicelektronika,
no. 8, 1961, 40, abstract 8 V310 (Sb. tr. Leningr.
mekhan. in-ta, 1960, no. 12, 92-95)

TEXT: The voltage which is usually being applied during experiments to the input of the follow-up systems (a sine-drive), has the form of a sinewave. The electromechanical arrangement is described of an instrument designed for the above purpose. The amplitude and period of the sine-drive are determined by two linear rotating transformers (LRT). The voltage of one of the LRT is applied to the input of a velocity follow-up system. The motor of the latter rotates a sine-cosine revolving transformer (SCRT) with a speed corresponding to the period of the sine-drive. The voltage amplitude at the SCRT output is controlled by another LRT which

Card 1/2

30495

S/194/61/000/008/036/092
D201/D304

An electromechanical...

feeds the SCRT. The SCRT voltage is applied to the position follow-up system which operates the pickup connected to the follow-up system being analyzed. The instrument provides also for a constant speed of pickup rotation. [Abstracter's note: Complete translation]

X

Card 2/2

ACCESSION NR: AR4042174 S/0272/64/000/005/0104/0104
SOURCE: Ref. zh. Metrologiya i izmerit. tekhn. Otd. vy*p., Abs. 5.32.622
AUTHOR: Yagodkin, I. A.; Ivanov, G. A. BR
TITLE: Automatic pressure gauge
CITED SOURCE: Sb. tr. Leningr. mekhan. in-ta, no. 29, 1963, 100-104
TOPIC TAGS: automatic control equipment, pressure gauge/IDA-2000 pressure gauge
TRANSLATION: An automatic pressure gauge IDA-2000, which makes it possible, on the one hand, to increase accuracy of registration of the level of the meniscus of mercury, and on the other, to automate the process of measurement is described. The requirement of high accuracy of registration of the level of the meniscus explains certain design features of the instrument, in particular the increased rigidity of load carrying components, and also the application of

Card 1/2

ACCESSION NR: AR4042174

of a set of end gauges. The instrument makes it possible to give the required pressure and to produce registration of the level of the meniscus of mercury with an accuracy of not less than 0.05 mm. Four illustrations.

SUB CODE: IE

ENCL: 00

2/2

Card

ACCESSION NR: AR4039364

S/0212/64/000/003/0069/0069

SOURCE: Ref. Zh. Metrol. i izmerit. tekhn. Otd. vyp., Abs. 3.32.460

AUTHOR: Yagodkin, I. A.

TITLE: Automation of a device measuring pressure of the type MR

CITED SOURCE: Sb. tr. Leningr. mekhan. in-ta, no. 33, 1963, 91-94

TOPIC TAGS: pressure, measurement, automation

TRANSLATION: The device to be described consists of a base, chambers, carriages, and a system of automatic steering. The instrument permits to translate necessary pressure and perform localization of a level of meniscus protuberance with an accuracy not less than 0.05 mm. The accurate localization of the level of meniscus protuberance is accomplished with the aid of a photoelectric arrangement. Height of the protuberance determines the applied pressure. For reaching the meniscus protuberance on the optic axis of the photoelectric setup, an assembly with variable volume gets activated, which can react to pressure change in the system within

Card

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ACCESSION NR: AR4039364

wide limits. The assembly, comprising the variable volume, contains a block of sensors which are steered by an active system of the contact relay type. For the measurement of magnitude of translation of a carriage along a tube MIR, there are employed Johanson heaters, in totality 400 5mm heaters. The protruding collection of carriages is actuated by means of an active, continuously operating system, the circuit diagram of which is given. The error of the instrument does not exceed $\pm(0.2$ to $0.3)$ mm per cm on the range of the measurable pressures from 0 to 2000 mm per cm.

DATE ACQ: 22Apr64

SUB CODE:

GP, EC

ENCL: 00

Card 2/2

ACC NR: AR6015995

SOURCE CODE: UR/0271/65/000/012/A023/A023

AUTHOR: Yagodkin, I. A.; Ivanov, Yu. D.

TITLE: Functional devices using pneumatic elements

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 12A163

REF SOURCE: Sb. tr. Leningr. mekhan. in-ta, no. 41, 1964, 65-68

TOPIC TAGS: pneumatic control, logic element

ABSTRACT: The following principles of constructing functional systems on the basis of pneumatic elements are stressed: 1) the principle of force compensation, 2) the use of low-pressure regions, and 3) the application of wire and spherical elements. A circuit of the resolving angle is presented in which a diaphragm element is used. One of the practical applications of this circuit is the comparison of two quantities, e.g., a force, either given or varied according to a program, which acts on the diaphragm, and a pressure which must be in an evacuated reservoir. The circuit operates both on the principle of pressure comparison and vacuum comparison. The operation of a comparison element is described which can be used in excess pressure and vacuum control. [Translation of abstract] 4 illustrations. V. L.

SUB CODE: 13

Card 1/1

UDC: 62-525:681.142.67

ACC NR: AR7002216 SOURCE CODE: UR/0271/66/000/010/A077/A077

AUTHOR: Yagodkin, I. A.; Shchegoleva, I. Ye.; Pshenichnyy, V. I.

TITLE: Pattern recognition in astronavigation

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 10A514

REF SOURCE: Sb. tr. Leningr. mekhan. in-ta, no. 51, 1965, 128-133

TOPIC TAGS: pattern recognition, stellar radiation, astronavigation

ABSTRACT: An analogy is made between a recognition device and a biological analyzer. The functional block diagram is described of a device which is capable of recognizing various configurations with contours marked with a series of luminous points. It is pointed out that the simplest way of recognizing the shape of a stellar field is by the method of optical correlation. Maximum correlation takes place when the ray of each star enters the corresponding aperture on a disk-form map. The device has two optical correlators. The maps of both correlators are identical. They are arranged in such a manner so that the group of apertures on one map is rotated in relation to the aperture group of the other around the axis

UDC: 62-5:629.13:621.396.988.7

Card 1/2

ACC NR: AR7002216

oriented toward the center of the sighted sector of the sky. This yields two separate correlation functions. The difference between these correlation functions characterizes both the value and the direction of rotation of the pattern in relation to the stellar field. The method of optical correlation reduces to a minimum the probability of interference on the part of light sources not assigned by the map. Moreover, it makes it possible to improve the sensitivity of the system because the radiation of several stars is reduced on the sensitive surface of the receiver to a single luminous spot. One illustration. [Translation of abstract] [DW]

SUB CODE: 09, 17/

Card 2/2

YAGODKIN, I.G.

Institute for workers-investigators at the Omsk Tire Factory.
Kauch. i rez. 19 no. 11:57 N '60. (MIRA 13:11)

1. Omskiy shinnyy zavod.
(Omsk--Tires, Rubber)

YAGODKIN, N.

Auditing is the most important means for improving the work of State
Bank branches. Den. i kred. 20 no.7:46-48 JI '62. (MIRA 35:7)

1. Revizor Ukrainskoy respublikanskoy kontory Gosbanka.
(Ukraine--Banks and banking--Auditing and inspection)

YAGODKINA, N.I., kand.med.nauk

Vector- and electrocardiographic data during the intracutaneous administration of novocaine in disorders of the coronary circulation. (MIRA 15:8)
Vrach.delo no.9:48-51 S '62.

1. Ob'yedinennaya kafedra propedevtiki vnutrennikh zabolevaniy
(zav. - prof. TS.A.Levina) Odesskogo meditsinskogo instituta.
(ELECTROCARDIOGRAPHY) (VECTORCARDIOGRAPHY) (NOVOCAINE)
(ANGINA PECTORIS)

YAGODKIN, N.N.

Technology of plywood manufacture in the U.S.A.; review (from
"Holz als Roh-und Werkstoff," 1961). Der.prom. 11 no.3:28-30
Mr '62. (MIRA 15:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fanery
i mebeli.

(United States--Plywood industry)

YAGODKIN, N.N.; SMIRNOV, A.V., nauchn. red.

[Production of particle boards and the study of their properties in Finland] Proizvodstvo struzhechnykh plit i issledovanie ikh svoistv v Finliandii. Moskva, TSentr. in-t tekhn. informatsii i ekon. issledovaniy po lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshl., 1963. 59 p.

(MIRA 17:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.

YAGODKIN, P.

Observe operating rules strictly. Den. i kred. 20 no.2:86-
87 F '62. (MIRA 15:2)

1. Revizor Ukrainskoy respublikanskoy kontory Gosbanka.
(Ukraine--Banks and banking)

PETROVA, T.R.; YAGODKIN, S.I.

Clinical and diagnostic aspects of osteosclerotic myeloleukosis.
Probl.gemat.i perel.krovi no.3:12-15 '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy terapii (i. o. T.R. Petrova) Kuban-
skogo meditsinskogo instituta.
(LEUKEMIA)