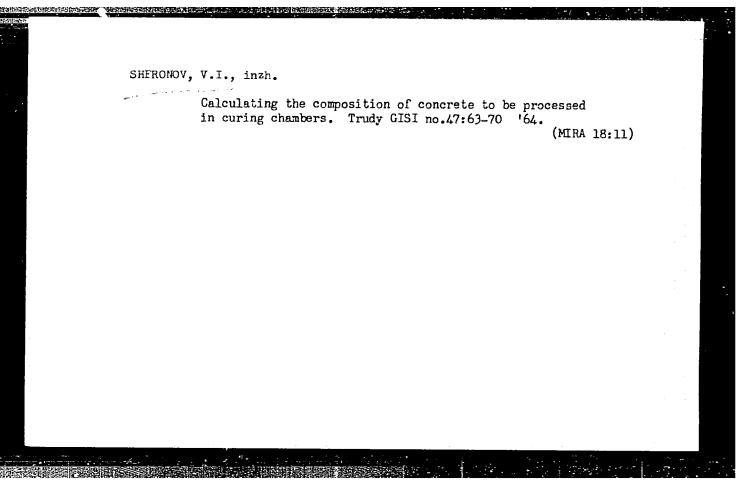
RUNOV, V.K., kand.tekhn.nauk, dotsent; SHCHUROV, A.F., kand.tekhn.nauk, dotsent; SHERONOV, V.I., inzh.

Sectional reinforced structures of lime concrete. Trudy GISI no.43:65-71 '63. (MIRA 17:4)



9.1200

67536

AUTHORS:

Talanov, V.I. and Sheronova, N.M.

TITLE:

The Influence of Random Errors in the Distribution of Sources on the Radiation Patterns of Travelling-wave

Aerials

PERIODICAL:

: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika,

1959, Vol 2, Nr 5, pp 424 - 430 (USSR)

ABSTRACT:

Expressions are obtained for the deviation of the mean diagram from its nominal value caused by random perturbations in amplitude, phase and phase velocity of the current waves in the aerial. It is shown that errors in phase velocity limit the possibilities of obtaining highly-directive patterns by increasing dimensions. The analogous problem for lenses and mirror aerials has been treated earlier (Refs 1-5). In a progressive-wave aerial the pattern is influenced by errors in the feeder and in the radiating elements themselves. The effects are more serious than in lenses and mirrors since the influence is not merely local but can affect even those

parts of the structure which are otherwise perfect. The

Card 1/4

SOV/141-2-3-13/26
The Influence of Random Errors in the Distribution of Sources on the Radiation Patterns of Travelling-wave Aerials

example is taken of a linear aerial whose parameters are slowly varying functions of the coordinate z, the source distribution being Eq (1). The radiation pattern (in power) of an aerial of length 2L, with this distribution, is given in Eq (2). The deviation in the pattern caused by random errors in current distribution is given by the "scattered power", in Eq (6) where $K(z,z^{\dagger})$ autocorrelation function. It is reckoned that the is the dimensions of the irregularities in the feeder are compared with the wavelength. The amplitude and phase components of error are given by Eqs (8) and (9), respec-The latter equation may be considered in two forms, referring to local phase errors, Eq (10), and non-local phase errors, Eq (11). The effects of these errors on the diagram are calculated on the assumption that they are uncorrelated. The relevant correlation functions are Eqs (12), (13) and (14). Fo. amplitude errors the scattered power is Eq (15), where the function $f(t, \xi)$ is given in Card 2/4 Figure 1. For a given length and mean dispersion the

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50V/141-2-5-13/26

The Influence of Random Errors in the Distribution of Sources on the Radiation Patterns of Travelling-wave Aerials

scattered power and the directivity increase with the radius of correlation. The diagram remains symmetrical. The relative distortion of the diagram is inversely proportional to L for a fixed error. The corresponding equation for local phase error is Eq (16) and the conclusions are similar. For non-local phase error the scattered power is Eq (20), the associated function being plotted in Figure 2, in two parts. One part, $f_1(\xi)$, is negative and thus

adversely affects the pattern. The scattered power is a cubic function of L and thus increases faster than the nominal power in the diagram. There would therefore seem to be a maximum useful size of aerial limited by errors in phase velocity. The limiting length L_{ppe} is given on

p 429. A lugger aerial has a poorer performance. At X-band frequencies, with 0.05 mm tolerances and correlation radius of $10\lambda_c$, the maximum aerial size (for this form of

aerial) would be ~35 m.

Card 3/4

SOV/141-2-3-13/26 The Influence of Random Errors in the Distribution of Sources on the Radiation Patterns of Travelling-wave Aerials

There are 2 figures and 8 references, 4 of which are Soviet, 2 English, 1 French and 1 Italian.

ASSOCIATION: Issledovatel'skiy radiofizicheskiy institut pri
Gor'kovskom universitete(Radiophysics Research Institute
of Gor'kiy University)

SUBMITTED:

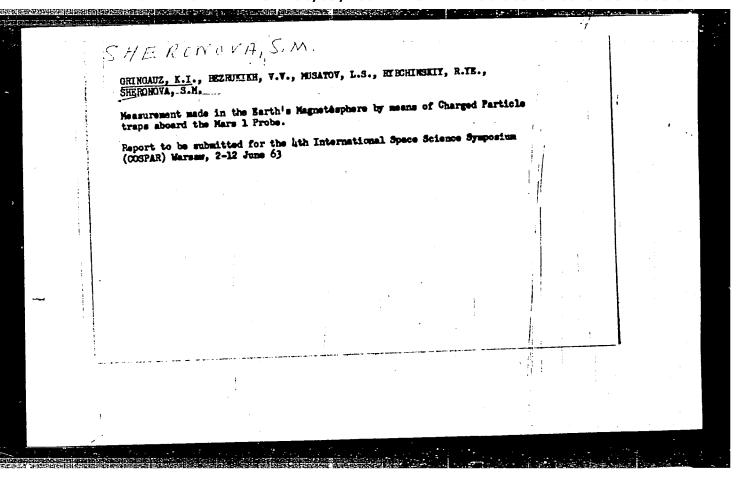
March 2, 1959

Card 4/4

23323-66 EWT(1)/EWA(h) UR/0109/66/011/004/0750/0752 AP6011456 SOURCE CODE: ACC NR: AUTHOR: Averbakh, V. S.; Vlasov, S. N.; Popova, E. M.; Sheronova, ORG: none 13 TITLE: Experimental study of a mirror-type beam waveguide 15 SOURCE: Radiotekhnika i elektronika, v. 11, no. 4, 1966, 750-752 TOPIC TAGS: beam waveguide, waveguide mirror, millimeter wave propagation ABSTRACT: A study has been made of the characteristics of a mirror-type waveguide consisting of reflectors in the form of 150 x 210 mm sections shaped as ellipsoids of revolution. The principal radii of curvature were $R_{\rm X} = 50$ cm and $R_{\rm y} = 100$ cm. The mirror reflectors were made by deposition of a layer of silver on an epoxy base. They were mounted parallel to each other at a distance of 50 cm and spaced in such a way that the center of each mirror coincided with the focal points of the preceding and succeeding mirrors. The angle of incidence was 45°. The array consisted of eight mirrors with rectangular aperture masks which when shifted could vary the Fresnel parameter c. The transmission coefficient of the waveguide was determined by the effectiveness of excitation and reception and the value of the energy loss during reflection. Theoretical calculations indicated that the upper limit of the excitation coefficient for the primary power mode of a waveguide with a rectangular radiating horn was 0.91 for c = 3.5 and 0.84 for c = . Three types of radiators operating at 1/2 UDC: 621.372.833.1.01

23323-66 CC NR: AP6011456			0
	e tested. The resu 3%, which exceeded	ults are shown in the tab the value of 0.06% expect	le. The ohmic loss ted for the skin-
	Table 1.	Test results	
No. Radiating hor	Re	adius of curvature of ave front at horn output, mm	Principal mode excitation factor
Circular hord diameter, TE	1, 100 mm in 1 mode		
2 Square horn, mode	100 mm ² , TE ₁₀	500	
Rectangular 1 120 x 85 mm,	TE ₁₀ mode	750	
ype no. 3 (see Tabl	e 1), whose dimensi 1 db. Total losses e arrays are less t	ections in the silver reacons were optimum, excited were 3.2 db. The tests than in arrays using lens	i the primary mode indicate that the
•*	· · · · · · · · · · · · · · · · · · ·	ORIG REF: 004/ OTH REF:	.003/ ATD PRESS: 4232

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"



USSR/Human and Animal Morphology - Normal and Pathological. Circulatory System.

S

Abs Jour

: Ref Zhur Biol., No 11, 1958, 50262

Author

: Sheruv, A.I. - MANAGER BERNELLEN

Inst

Kirgiz Medical Institute

Title

: Branches of the Blood Vessels of the Arch of Aorta and

Arterial Blood Supply of the Cervical Muscles.

Orig Pub

: Tr. Kirg. med. in-t, 1956, 8, 15-24

Abstract

: A study of the sources of the blood supply of the cervical muscles in 35 cadavers was made by the method of dissection of preliminarily filled blood vessels. A detailed description of the blood vessels of the cervical muscles and of the frequency of participation of individual arteries in their blood supply is given. The cervical muscles receive blood from various sources, so that

Card 1/2

-9-

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3" 9(4)

SOV/112-59-3-5939

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 241 (USSR)

AUTHOR: -Sherov-Ignat'yev, G. P.

TITLE: Selection of Supply for Type SID Transistors That Amplify Weak Signals (Vybor rezhima pitaniya poluprovodnikovykh triodov tipa SID pri usi lenii malykh signalov)

PERIODICAL: V sb.: Poluprovodnik, pribory i ikh primeneniye. Nr 2, M., "Sov. radio," 1957, pp 223-241

ABSTRACT: The characteristics $r_{11}(I_e)_k^T$, $r_{12}(I_e)_e$, $r_{21}(I_e)_k^T$, and $r_{22}(I_k)_e$ estimated from averaged voltage-current characteristics of the CIDE transistor are presented. They show that with $v_e > 0$ the resistance r_{11} lies within 80-1,700 ohms; r_{12} with $I_e > 50$ microamp, varies within 30-160 ohms; r_{21} often changes from 450 ohms to 50 kohms; r_{22} lies within 200 ohms to 15 kohms. The family of current-amplification-factor characteristics $(I_e)_k^T$ estimated from the characteristics $r_{21}(I_e)$ and $r_{22}(I_k)$ permits

Card 1/2

SOV/112-59-3-5939

Selection of Supply for Type S1D Transistors That Amplify Weak Signals determining the region where ≈ 1 . The line of maximum values of ≈ 1 lies within the range of I_e values from 20-60 microamp, and shifts toward higher values of I_e when I_k increases. Stability is determined by the expression $\delta \approx \alpha \alpha_{Db} \leqslant 1$, where α_{Ob} is the reverse-direction amplification factor. Stable operation of the amplifier is ensured with $I_k \leqslant 3$ ma. Various transistors show a wide spread. The circuit stability can be easily designed on the basis of the reduced curves of I_k and I_k . By analyzing the current amplification factor I_k , power amplification factor I_k , and voltage-amplification factor I_k , it can be found that $I_k \approx 0.6$ -0.7 which corresponds to the optimum conditions for I_k , I_k , and I_k . Transistor rejection can be easily done on the basis of four-point measurements.

M.S.V.

Card 2/2

CIA-RDP86-00513R001549310005-3 "APPROVED FOR RELEASE: 08/09/2001

SOV/108-13-10-8/13 AUTHOR:

-- the Society

Nomographic Calculation of the High-Frequency Parameters TITLE:

of Semiconductor Triodes by the Method of Junction

Characteristics (Nomograficheskiy raschet vysokochastotnykh parametrov poluprovodnikovykh triodov po metodu perekhodnykh

kharakteristik)

Radiotekhnika, 1953, Vol 13, Nr 10, pp 45 - 50 (USSR) PERIODICAL:

This is a presentation of a method of determining the ABSTRACT: parameters of an approximating function of the junction-

characteristics of semiconductor triodes, directly

using these characteristics. For the calculation of the cutoff frequency $\boldsymbol{f}_{\alpha},$. of the phase shift of the cutoff

frequency \(\psi \) and of the high-frequency parameters of the equivalent triode circuit diagram nomograms were compiled in this work according to the data obtained. In order to illustrate the method advanced in this paper the results of the investigation of a C1, N.-triode are

presented. A comparison of the values of i and of V_{α} Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"

Nomographic Calculation of the High-Frequency Para-SOV/108-13-10-8/13 meters of Semiconductor Triodes by the Method of Junction Characteristics

which were obtained from the junction characteristics furnished a good agreement with the experimental experience gained from measurements carried out with signal generators and phase-measuring devices. The importance of carrying out investigations of the highfrequency properties of junction-type triodes in a common-emitter circuit is underlined. There are 8 figures and 2 references, 2 of which are Soviet.

ASSOCIATION: Vsesoyuzmye nauchro-tekhnicheskoye obshekestvo radiotekhniki i elektrosvyczi im. A.S. Popova (All-Union Scientific and Technical Society of Radio and Communications Engineering im. A.S. Popov)

SUBMITTED:

July 30, 1957

Card 2/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"

9,7570 (2902,1024,1161) 6.6000

S/187/60/000/001/002/003 A189/A026

AUTHOR:

Sherov-Ignat'vev. G.P.

TITLE:

Transistorized Amplifiers in Television Engineering

PERIODICAL: Tekhnika kino i televideniya, 1960, No. 1, pp. 37 - 43

TEXT: This is the first part of an article concerned with Soviet and foreign developments on transistorized TV amplifiers, in which the author reviews transistorized amplifiers for TV transmitters. The second part of this article, concerned with the transistorized amplifiers of TV receivers, will be published in a future issue of this periodical. Figure 1 shows the circuit diagram of a transistorized preamplifier for the vidicon camera tube. It is assembled on a 6455 (6ZH5B) tube and 4 transistors. Figure 2 shows the circuit diagram of the first preamplifier stage for the superorthicon camera tube, assembled on a n = 100 (P403) transistor. Figure 3 shows first stages and the resistance-capacitance divider circuit of the intermediate video amplifier, assembled on four n = 100 (P403) transistors. Figure 4 shows a circuit for restoring the constant component of the video signal and for injecting blanking pulses. It is assembled on two n = 100 (P403) and four n = 100 (P402) transistors. Figure 5 shows the amplifier output

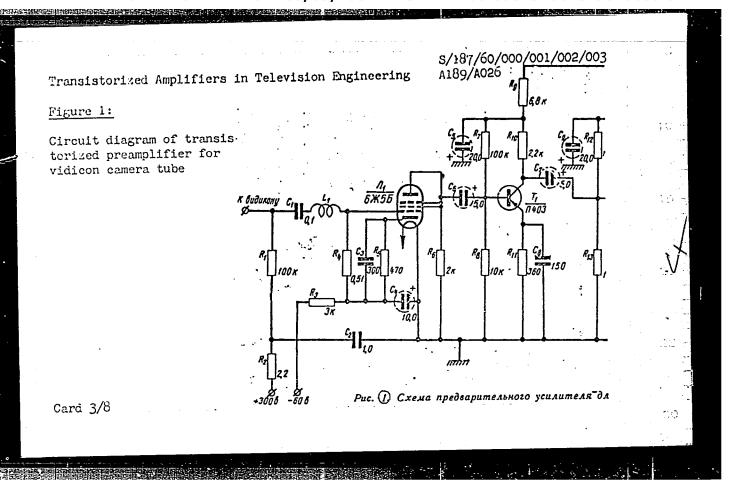
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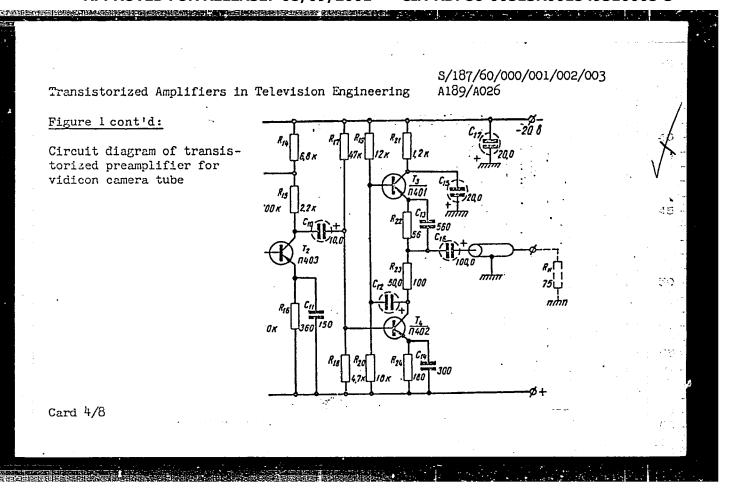
\$/187/60/000/001/002/003 sion Engineering A189/A026

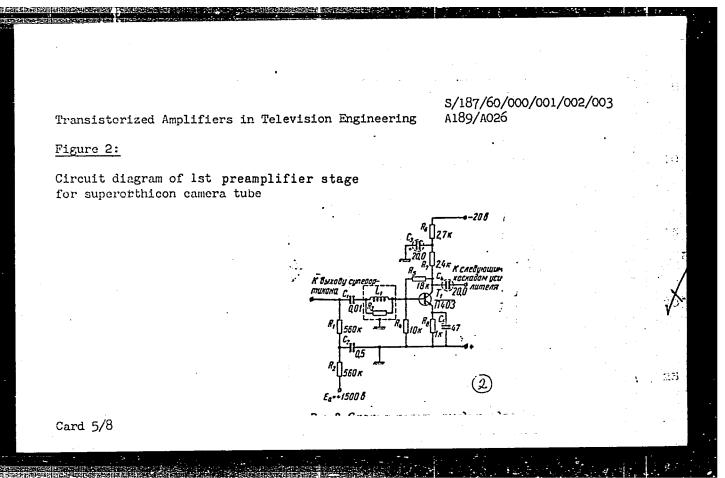
Transistorized Amplifiers in Television Engineering

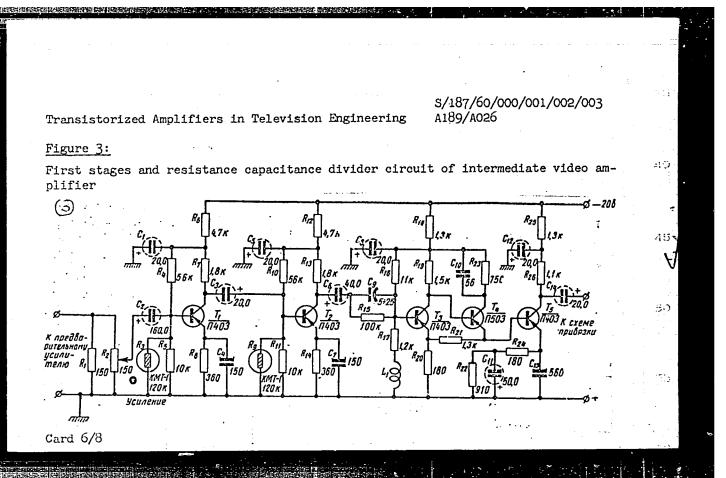
stage of the pulse divider, assembled on $\Pi603$ (P603) transistor. There are 5 circuit diagrams and 14 references: 10 English, 3 Soviet, and 1 German.

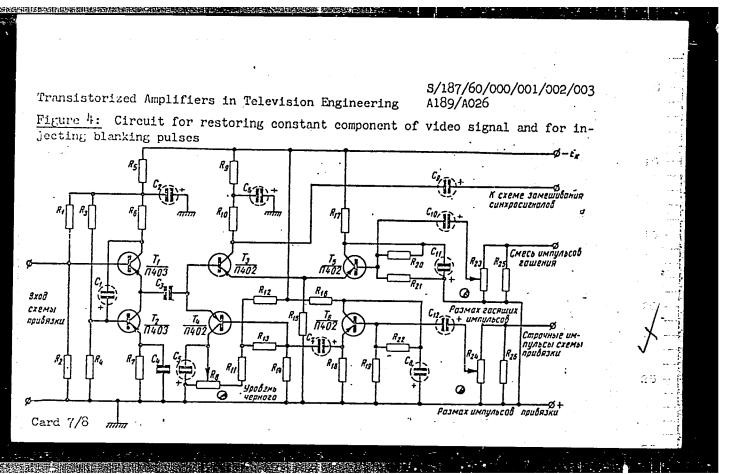
Card 2/8

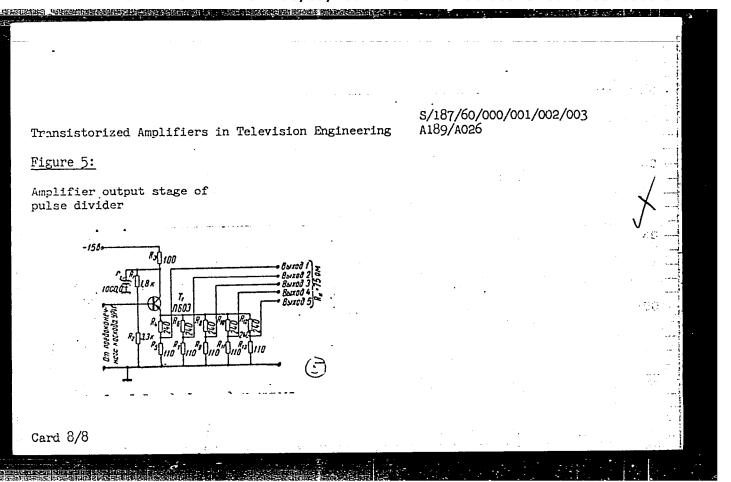












6.6000 9,2520 (2902, 1024, 1161)

\$/187/60/000/003/001/002 A189/A026

AUTHOR:

Sherov-Ignat'vev. G. P.

TITLE:

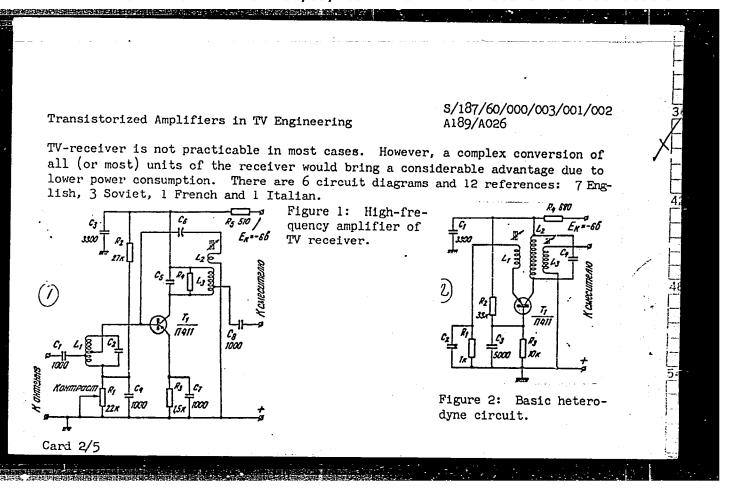
Transistorized Amplifiers in TV Engineering

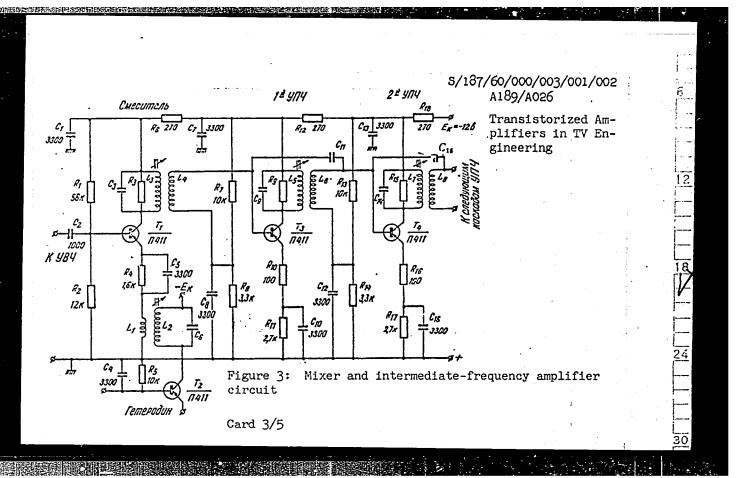
PERIODICAL: Tekhnika kino i televideniya, 1960, No. 3, pp. 42 - 48

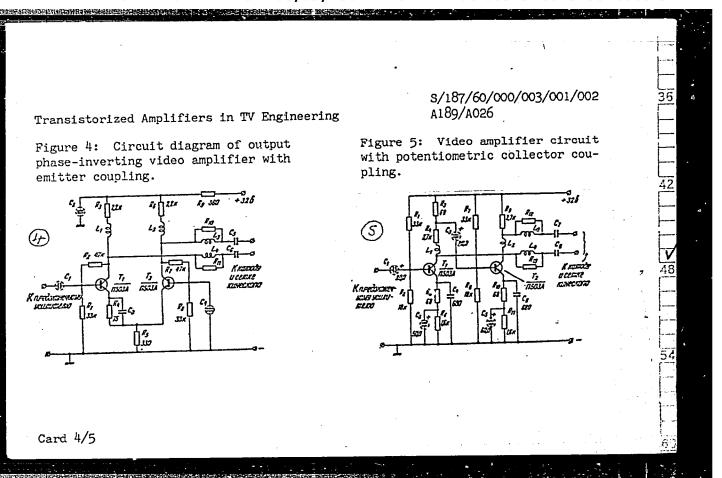
This is the second part of this article. The first part, devoted to the transistorized amplifiers of transmitting devices, was published in this periodical, No. 1, 1960. The author describes and gives circuit diagrams of transistorized units of a TV-receiver. Figure 1 shows a high-frequency amplifier of a TV-receiver. In this single-stage amplifier, the transistor has a commonemitter connection. Figure 2 shows a basic heterodyne circuit with a $\Pi411$ (P411) transistor. The circuit has good operational indices in a frequency interval not exceeding 150 Mc. Figure 3 shows mixer and intermediate-frequency amplifier circuit. Figure 4 shows a circuit diagram of the cutput phase-inverting video amplifier with emitter coupling; Figure 5 a video amplifier circuit with a potentiometric collector coupling. Figure 6 shows a circuit diagram of the final video amplifier with conductance-coupled stages. In conclusion, the author states that a partial conversion of tube circuits into transistorized ones in a

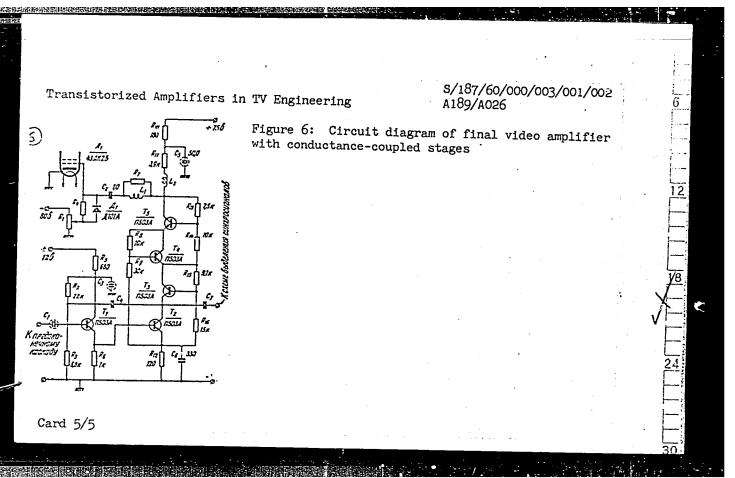
Card 1/5

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"









S/194/61/000/001/010/038 D216/D304

9,4310

AUTHOR:

Sherov-Ignat'yev, G.P.

TITLE:

Stability and gain of point-contact transistors in common-emitter and common-collector configurations

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 1, 1961, 19, abstract 1 D137 (V. Sb. Poluprovodnik. pribory i ikh primeneniye, no. 4, M., Sov.

Radio, 1960, 224-239)

TEXT: Because of various interpretations by several authors of the operation and application possibilities of point-contact transistors in common-emitter and common-collector configurations, the conditions for stability of the above transistor connections are analyzed. It was both from the theory and experiment that the stable regions of amplification coincided for all three connections. The stable state regions are reduced, however, with the increase of the additional resistance R_b in the base circuit and increase with the increase of additional resistances R_e in the emitter and R_c in

Card 1/2

Stability and gain...

S/194/61/000/001/010/038 D216/D304

the collector circuit. The conditions of no self-excitation can be obtained in the common-base configuration for a large, and for all other configurations for a small, internal source resistance. Erroneous results of the stability criteria analysis are pointed out as obtained for common-emitter and collector connections (see editor R.F. Shi: Poluprovodnikovyye triody i ikh primeneniye (Semiconductor Triodes and their Applications) Translated from English. Gosenergoizdat, 1957). It is shown that the increase of stability of a transistor amplifier with current gain > 1 can be achieved by the simultaneous use of different transistor configurations. Formulae are derived for evaluating the stability, power, current and voltage gains, and numerical examples are given. 10 figures. 7 references.

Card 2/2

LUR'YE, O.B. Prinimali uchastiye: SHEROV-IGANT'YEV, G.P.; GAMBURG,
R.A.; ENTIMA, Ye.I.; YANKEL'SON, I.S., red.; ZABOLOTSKIY,
N.G., red.; SVESHNIKOV, A.A., tekhm. red.

[Video frequency amplifiers] Usiliteli videochastoty. Izd.2.,
perer. i dop. Moskva, Izd-vo "Sovetskoe radio," 1961. 675 p.

(Amplifiers (Electronics))

HIMCLIANNO; Nikolay Sergeyevich; NOVOTASHEMNYY, G.H., kuni.
tekin: nauk, dous., retenzent; MESTA-LEGITIVEX, G.P.,
nauchn. red.; FARKHOMENKG, L.M., red.; REDICHOVE, V.H.,
inch., red.

[Design of transistor amplifiers for measuring instruments]
Froektirovanie tranzistornykh usilitelei izmeritelinykh
ustroistv. Moskva, Energiia, 1965. 347 p. (MIRA 18:11)

"Change With Age of the Immunological Reactivity in Children Suffering From Dysentery," Trudy 2-y Pavlovskoy Konferentsii Tomskogo Meditsinskogo Instituta, Tomsk, 1952, pp 215-217.

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"

S/031/61/000/003/001/001 A161/A133

24.7900

AUTHORS:

Shernovcy, A. I.; Arkhangel'skiy, A. A.; Latyshev, G. D., Member of the Academy of Sciences KazSSR

TITLE

The practice of using nuclear resonance in magnetic flaw detection

PERIODICAL. Akademiya nauk Kazakhskoy SSR. Vestnik, no. 3, 1961, 105 - 107

magnetic flaw detection method developed at the authors' laboratory. The method's principle is measurement by nutation. It is said to be the only method rendering possible the measurement of weak and nonuniform magnetic fields, which cannot be done by two other existing methods - "nuclear induction" (G. Bloch, W. W. dansen, M. E. Packard, 1946) and "adsorption method" (E. M. Purkell, N. C. Gorrey, R. U. Round, 1946). There are several different types of magnetic probes used for magnetic flaw detection. The sensitive element in the described method is a nuclear magnetic resonance pickup. The experiment unit is illustrated in a block diagram. Water from the mains is driven through a container placed in a strong magnetic field produced by a magnet and flows through a pipe. The coil of the nuclear resonance pickup is set on the pipe end and connected to a detector. It is desir-

X

Card 1/3

S/031/61/000/003/001/001 A161/A133

The practice of using nuclear resonance

able that the magnetic field surrounding the coil be 30 oe with not more than 0.5 oe/em nonuniformity. A miniature radio-frequency coil can be placed at any spot on the pipe. The force lines of the coil must penetrate the entire cross section area of the pipe. The water volume under the simultaneous effect of a radio-frequency field produced by the coil presents the effective volume in which the mean field intensity is measured, i.e., it is the work volume of the magnetic probe. This volume can practically be reduced to only 0.01 cm³. The radio-frequency field in the coil is produced by a generator. The water passing the container obtains a polarization vector that depends on the time during which the water was in the magnetizing field (T) and the field intensity (H_{NOAM}).

where $X_0 = 3 \cdot 10^{-10}$; $T_1 = 10$ longitudinal relaxation time (for nonpurified water $T_1 \simeq 2.3$ sec). The polarized water flows over a pickup, and the nuclear resonance signal produced in it has an amplitude proportional to M. If the intensity of any nonuniform field is required the field pickup is placed into it. When the frequency of the field of the coil (i.e., the frequency from the generator) becomes equal to the frequency of nuclear precession in the mean field of the nutation

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APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001549310005-3"



The practice of using nuclear resonance ...

S/031/61/000/003/001/001 A161/A133

pickup, the polarization vector of water flowing through this volume will change. It can disappear, or change the pole. The nuclear resonance signal in the circuit will correspondingly disappear or change the pole. The intensity of field being measured can be determined by reading the generator frequency (ω) on the scale:

 $H = \frac{\omega}{y}$, where $y = 4250 \cdot 20$ $\frac{1}{00 - 500}$. In the test unit the measurement accuracy was determined by the frequency measurement accuracy and amounted to 0.004 cersted. The major advantage of the method is that the sensitive element always shows the mean field intensity, regardless of how it is directed. The small size of the sensitive element and absolute measurement units are the other advantage. Measurements are possible at a very small distance from the workpiece surface (below 1 mm), which is impossible with the existing permalloy pickups even of best designs. In experiments the probe was clamped in a special holder and moved along the surface of the test specimens. The probe displacement is shown in millimeters on the horizontal axis in three included graphs, and the field intensity in oersted on the vertical. Data are presented obtained on a specimen with one simulated grack under a 3-mm thick steel plate and from a specimen with two simulated cracks at close distance. The specimens were ground steel bars and plates connect ed in the circuit of a small electromagnet. The field intensity at 5 mm from the specimen was about loe. Cracks were imitated by putting the plates together. There are 4 figures. Card 3/3

SHERPUTOVSKAYA, K.Ye.

Morphological charges in the skin of a free flap transplanted to the face. Kar. Med. Zhur. no.6:29-31 462. (MIRA 17:5)

1. Kafedra khirura: meskoy stomatologii i chelyustno-litsevoy khirurgii (zav. - prof. Ye.A. Domracheva) i kafedra gistologii (zav. - prof. G.I. Zabusoy) Kazanskego meditsinskego instituta.

L 41277-65 EWP(e)/EPF(s)-2/EWT(m)/EPF(c)/EWG(v)/EPR/EPA(w)-2/EWP(j)/T/ EWP(t)/EWP(k)/EWP(z)/EWP(b) Pc-4/Pab-10/Pe-5/Pf-4/Pr-4/Ps-4/Pt-10 JD/W/ ACCESSION NR: AP5008578 S/0286/65/000/006/0113/0113 RM AUTHOR: Petrov, Yu. M.; Sherr, A. S.

TITLE: Heat-insulating design for aircraft. Class 62, No. 169408

SOURCE: Eyulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 113

TOPIC TAGS: heat insulating design, aircraft, heat insulation

ABSTRACT: This Author Certificate is for an aircraft heat-insulating design (see Fig. 1 of the Enclosure) consisting of an inner and an outer wall with a porous screen between. The porous screen is fixed to the inner wall by an absorbing material. Channels are provided for the circulation of the cooling agent. By this arrangement the penetration of heat into the inner compartments of the aircraft is prevented, and the volume of cooling agent required is reduced. Orig. [AC] art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 12Ju163

ENCL: 01

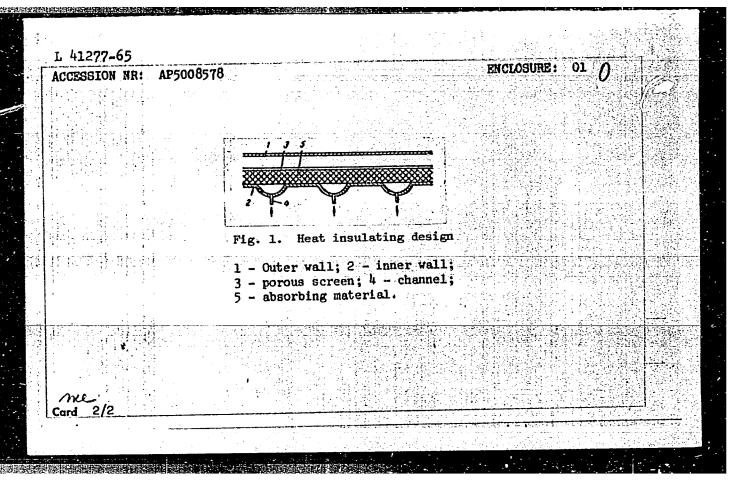
SUB CODE: AC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3223

Card 1/2



ACC NR: AP6025679

SOURCE CODE: UR/0413/66/000/013/0146/0146

INVENTORS: Petrov, Yu. M.; Goguyev, S. V.; Naumov, N. F.; Khokhin, V. I.; Sherr, A.S.

ORG: none

TITLE: A pneumatic relay. Class 62, No. 183605

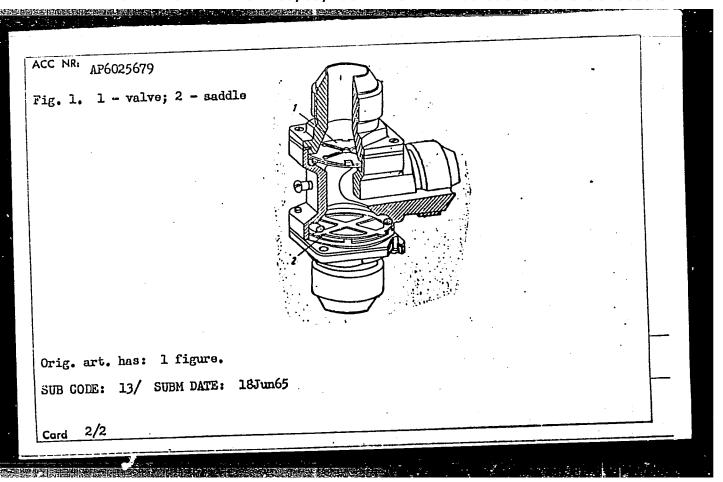
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 146

TOPIC TAGS: pneumatic device, pneumatic control, valve

ABSTRACT: This Author Certificate presents a pneumatic relay for switching in the duct and the ejector. The casing of the relay contains inlet and outlet pipes and valves (see Fig. 1). To reduce the hydraulic resistance and to improve the productivity, the valves are elastic and have the form of petal-like sectors mounted on saddles fixed in the casing.

<u>Card</u> 1/2

UDC: 629.13.01/06 614.894



RAZVITIYE KOMBELSTROYEMIYA V ROSSII. FOSKVA, IMD-VO ZMANIYE, 1952. 31 p.

(VGE OVYEMOVE OB FORLEVVO PO RESPRENTA LEMYU POLITICHEMIKH I NAUCHIYKH
ZMANIY. 1952, SERIYA 2, NO. 28) BIBLIOGRAPHICAL PROPRIOTES.

SHERR, S.A., inzhener-polkovnik.

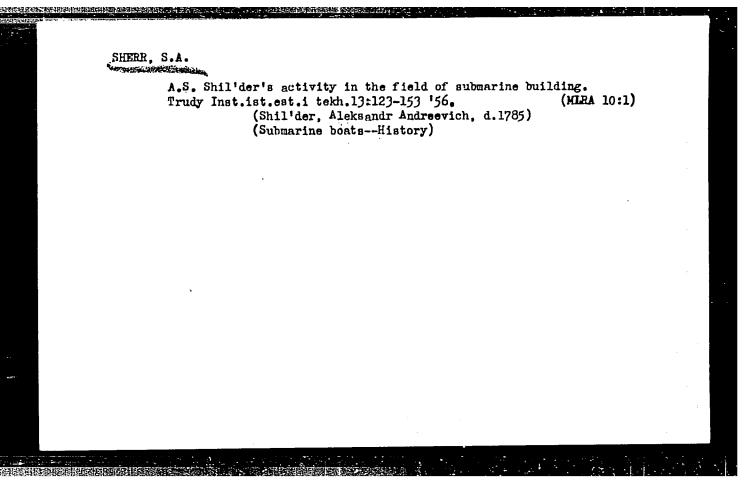
[Aleksei Nikolaevich Krylov; an outstanding Bussian ship builder] Vydaiushchiisia russki korablestroitel' Aleksei Nikolaevich Krylov. Moskva, Izd(MLRA 6:10)

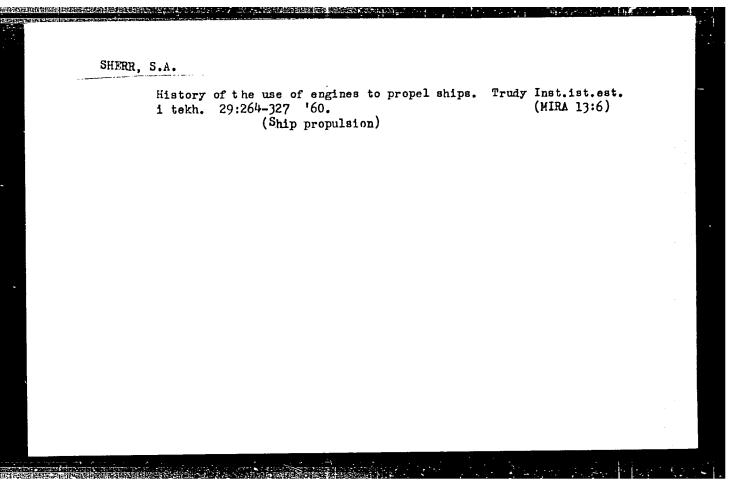
vo "Znanie," 1953. 38 p.

(Krylov, Aleksei Nikolaevich, 1863-1945)

SHERR, S.A.; LUPACH, V.S., redaktor; MYASNIKOVA, T.F., tekhnicheskiy

[Ships of the ocean depths] Korabli morskikh glubin. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1955. 302 p. (MLRA 8:11) (Submarine boats)





SHERR, Sergey Aleksandrovich; LUPACH, V.S., red.; KOKINA, N.N., tekhn. red.

[Ships for the ocean depths] Korabli morskikh glubin. Izd.3., ispr. i dop. Moskva, Voenizdat, 1964. 325 p. (MIRA 17:2)

ACCESSION NR AM LOLLLIS

BOOK EXPLOITATION

Sherr, Sergey Aleksandrovich

B+/

Submerines (Korabli morskikh glubin) 3d ed., rev. and enl., Moscow, Vsyenizdat M-va obor. SSSR, 1964, 325 p. illus., biblio. 30,000 copies printed.

TOPIC TAGS: submarine

PURPOSE AND COVERAGE: This book tells of the basic stages in the development of submarine design, of certain outstanding inventors of early underwater vessels, on the equipment of modern submarines, and the heroic actions of Soviet submariners in World War II. The book is intended for a wide audience.

TABLE OF CONTENTS [abridged]:

From the author -- 5

Ch. I. From the primitive cance to the submarine - 13

Ch. II. The submarine - 119

Ch. III. Soviet submariners - 271

JUBMITTED: 3 DEC. 63

Card1/2

SHERSHACHEVA, L.I.: VDOVENKO, K.G.: MUZYUKINA, T.M.

Comparative evaluation of various methods for taking material to be tested for dysentery. Lab.delo 2 no.2:25-26 Mr-Ap *56. (MLRA 9:10)

ZINOV'YEVA, I.S.; SHERSHACHEVA, L.I.; IZRAILEVA, L.M.; SHPAGINA, M.K.

Drug resistance of dysentery bacilli. Antibiotiki 4 no.6:88-92 N-D '59. (MIRA 13:3)

1. Kuybyshevskiy institut epidemiologii, mikrobiologii i gigiyeny. (SHIGELIA pharmacol.)

(ANTIBIOTICS pharmacol.)

SHERSHAKOV, N. B.

Dissertation: "The Conditions for Irreversibility of Ion-Exchange Sorption on Synthetic Resins." Cand Chem Sci, Inst of Physical Chemistry, Acad Sci USSR, 22 Jun 54. (Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

Memory. Zdorov'e 6 no.6:4-6 Je '60. (MIRA 13:7)

(MEMORY)

ROZINSKIY, Yu.B., kand.med.nauk; SHERSHAKOV, V.P.

Laziness. Zdorov's 7 no. 5:20-21 My '6N. (MIRA 14:4)

(LAZINESS)

PRAKHIN, M.Ye., kandidat khimicheskikh nauk; SHRRSHAKOVA, A.K.

Detoxication of cottonseed cake and meal in the oil plant. Trudy (MLRA 10:4)

VNIIK 3:325-339 '56.

(Cottonseed meal) (Gossypol)

KANTOR, L.Ya., kand.tekhn.nauk; SHERSHAKOVA, A.V., inzhener; ZASLAVSKIY, S.A., inzh.

Multiprogram group-type receiver for operation in wire broadcasting networks. Vest. sviazi 24 no.2:3-5 F '64. (MIRA 17:4)

SHERSHAKOVA, T.N., aspirant

Condition of the oral cavity in thyrotoxicosis and in Itsenko-Cushing disease [with summary in English, p.126]. Problemdok. 1 gorm. 3 no.4:81-86 J1-Ag '57. (MIRA 10:12)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. Ye.Ye. Platonov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N.Beletskiy) i Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A.Vasyukova) Ministerstva zdravookhraneniya SSSR.

(CUSHING SYNDROME, manifestations, mouth (Rus))
(HYPERTHYROIDISM, manifestations, mouth (Rus))
(MOUTH, in var. dis. hyperthyroidism & Cushing synd. (Rus))

SHERSHANOVSKAYA, I.A.

Dissertations. Teploenergetika 4 no.8:96 Ag '57. (MIRA 10:10)

(Electric engineering)

SHERSHAVKIN, Nikolay Dmitriyevich, stalevar; TESLERKO, M. redaktor;

IGNAT'INVA, A., tekhnicheskiy redaktor

[We are smelting new steels] Plavim stal' novykh merok, [Moskva]

Moskovskii rabochii, 1956. 47 p.

(Steel)

THE CLASSICS.	•		
Centurian."	Chair of Criminal Pedicine at Moscow University in the 18th and 1 Thesis for degree of Cami. Medical Sci. Sub. 30 May 19, First of Lenin Medical Inst.	194h	
Sumary 80, Engineering	10 Loc 52, Discertations Presented for Degrees in Science and in Mondow in 1913. From Mechernyaya Moskva, Jan-Dec 1919.		

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CHERVAKOV, Vasiliy Fedorovich; MATOVA, Yevgeniya Yevgen'yevna; SHER-SHAVKIN, Sergey Vladimirovich; RYABOV, G.Z., redaktor; BEL'-CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Hundred and fiftieth anniversary of the Forensic Medicine Department of the First Moscow Institute of Medicine (order of Lenin)] 150 let kafedry sudebnoi meditsiny i Moskovskogo ordena Lenina meditsinskogo instituta. Moskva, Gos.izd-vo med. lit-ry, 1955. 161 p. (MLRA 9:3) (MEDICAL JURISPRUDENCE) (MEDICAL COLLEGES)

Name: SHERSHAVKIN, Sergey Vladimirovich

Dissertation: History of the Russian Forensic Med Service (17th to 19th Centuries)

Degree: Doc Med Sci

Affiliation: Stalinahad State Med Inst imeni

Avitsenna

Defense Date, Place: 16 Jan 56, Council of 1st Moscow Order of Denin Med Inst imeni Sechenov

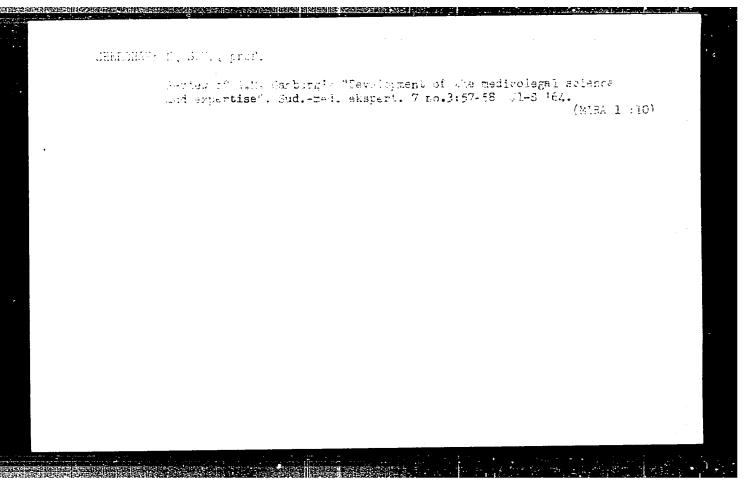
Certification Date: 27 Oct 56

Source: BMVO 6/57

SHERSHAVKIN, S.V., dotsent

Reorganization of the Pharmaceutical Bureau. Sov.zdrav. 17 no.2: 56-58 F '58. (MIRA 13:1)

1. Iz Stalinabadskogo meditsinskogo instituta imeni Avitsenny. (PHARMACY, hist. in Russia (Rus))



"Public health in Yaroslavl in the past and present" by V.I.

Beliaev. Reviewed by S.V.Sherashavkin. Sov.zdrav. 21 no.7:80-81

'62. (MIRA 15:8)

(YAROSLAVL--PUBLIC HEALTH)

YEGORSHIN, N.A.; SHERSHEN!, F.M.; SMIRNOV, A.N.; GORBUNOV, A.D.; YEGOROV, V.P.; VASIL'YEV, A.V.; KOLOMEYTSEV, K.N.; KOLEGOV, V.A.; KASATKINA, N.P., red.

[Mechanisms for lumbering camps; from work practices of the construction office of the Chusovskoye Logging Camp] Mekhanismy dlia lesozagotovok; iz opyta raboty konstruktorskogo biuro. Chusovskogo lespromkhoza. Moskva, TSentr.nauchno-isal.in-t informatsii i tekhniko-ekon.issledovanii po lesnoi, tselliu-lozno-lumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz. 1963. 21 p. (MIRA 17:4)

SHERSHEN', L., kand. tekhn. nauk; TITOV, A.; ZUBOV, A.; SOLOMONOV, S.

Opinions of the leaders of the economic councils and special industrial designers bureaus. Tekh. est. 2 no.7:4-6 Jl '65. (MIRA 18:8)

1. Predsedatel' Tekhniko-ekonomicheskogo soveta Leningradskogo soveta narodnogo khozyaystva (for Shershen'). 2. Nachal'nik Spetsial'nogo khudozhestvenno-konstruktorskogo byuro Leningradskogo soveta narodnogo khozyaystva (for Titov). 3. Zamestitel' predsedatelya Leningradskogo soveta narodnogo khozyaystva (for Zubov). 4. Glavnyy inzh. Spetsial'nogo khudozhestvenno-konstruktorskogo byuro Leningradskogo soveta narodnogo khozyaystva (for Solomonov).

25(5)

SOV/117-59-2-5/27

AUTHOR:

Shershen', L.G., Chief of Technical Administration

of the Lensovnarkhoz

TITLE:

The Industry of Leningrad is Widely Introducing Group Production of Machines and Instruments (Leningradskaya promyshlennost' shiroko vnedryayet gruppovoye

prcizvodstvo mashin i priborov)

PERIODICAL:

Mashinostroitel', 1959, Nr 2, pp 6-8 (USSR)

ABSTRACT:

This article is a general account of the introduction of the group machining method in plants of the Leningrad Sovnarkhoz, such as "Krasnaya Zarya",
"Vibrator", "Lenpoligrafmash", "Vulkan", "GOMZ", plant
imeni Kozitskiy, Mebel'naya Fabrika (Furniture Factory) imeni Kozitskiy, meder naya radrika (rurniture ractory) imeni Khalturin, "Radist", "Lenteplobridor", "Elektrik", "Krasnogvardeyets", plant imeni Sverdlov, plant imeni Karl Marx, "Krasnaya Vagranka". By now, the production of 62,000 various items, subdivided into 1,045

technological groups, has been converted to the group

Card 1/2

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The Industry of Leningrad Is Widely Introducing Group Production of Machines and Instruments

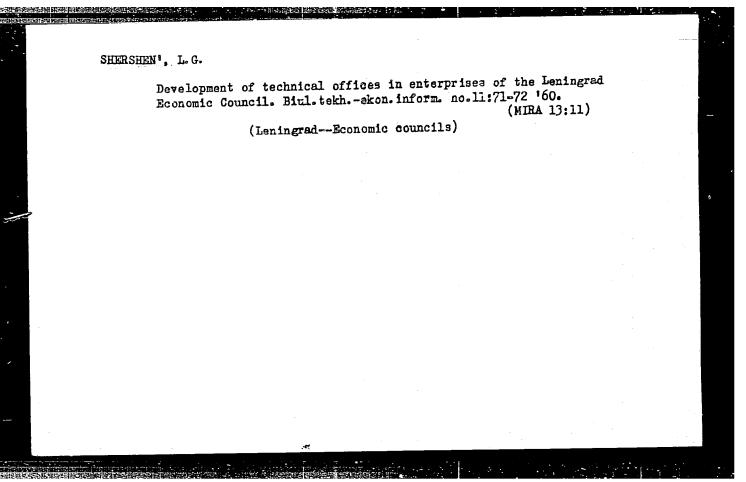
machining method. The author indicates the rates of increase of production, reduction of cost, economy of metals and other factors affected by introduction of the group machining method.

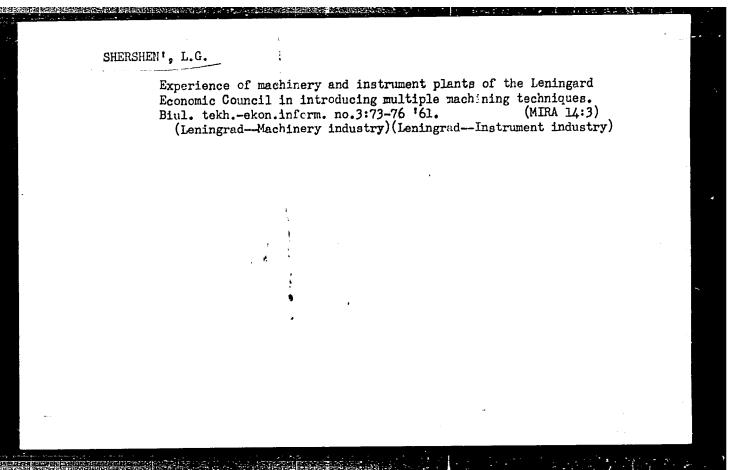
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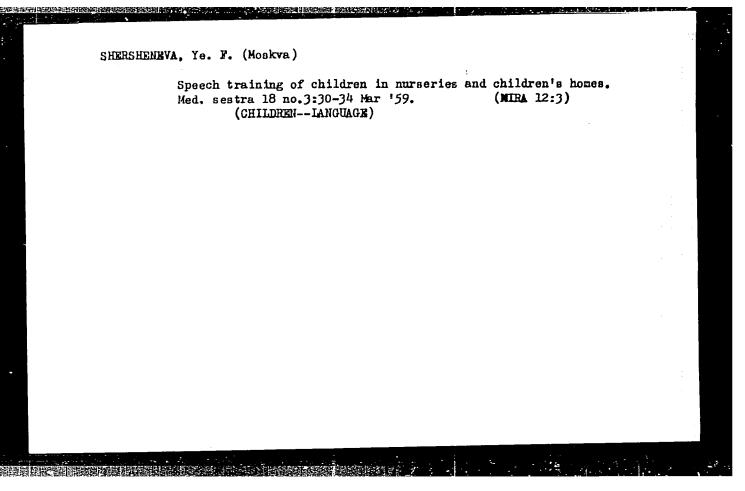
Lensovnarkhoz (Leningrad Council of National Eco-

nomy)

Card 2/2







17(1) AUTHOR:

Shersheneva, Ye. N.

SOV/20-125-2-53/64

TITLE:

The Development of the Appendix Vermiformis and its Innervation (Razvitiye cherveobraznogo otrostka i yego innervatsii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 2, pp 424-427

(USSR)

ABSTRACT:

The morphology of the vermiform appendix and its innervation cannot be regarded as investigated. After a survey of publications the author trial to the contract to the contra

tions the author tries to solve the following problems:

1) Do the elements of the nervous system of the appendix develop additionally during the erbryonic life and after the birth by transformation of its entodermal or mesodermal cells?

2) What are the particularities of its vegetative nerve elements and of its sensible innervation? 3) What nature has the interaction between the differentiating nerve elements and the appendix membranes? The author studied appendices of embryos 15-290 mm long, new-borns, as well as 4-7-month-old and 1-74-year-old persons. The vermiform appendix appears in embryos 20 mm long on the transition point of the small intestine to the large intestine. The author then describes its development in the aforesaid age groups (Figs 1-4).

Card 1/3

The Development of the Appendix Vermiformis and its Innervation

SOV/20-125-2-53/64

This description permits the conclusion that the vermiform appendix is no rudimentary organ but an independent section of the digestive tract. It fulfills a protective function. The appendix appears in the earliest stages of development and retains throughout the life a certain structure that varies in details. The structure of its wall is gradually complicated in the course of the phole embryonic and postembryonic stage, which holds also for the structure of its vegetative nervous system. In contrast with publications (Refs 3,6,9), the author never found a partition of the nerve elements by mitosis or amitosis. Nor has she concluded therefrom a removal by gemmiparity of argentophilic cells with neutron formation. It is not produced from connective tissue in situ as yet. From all that the author concludes that the elements of the vegetative nervous system are formed together with the central nervous system and emigrate to the organ in very early stages (Refs 2,11,12). There are 4 figures and 16 references, 10 of which are Soviet.

Card 2/3

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The Development of the Appendix Vermiformis and its 50V/20-125-2-53/64

Innervation

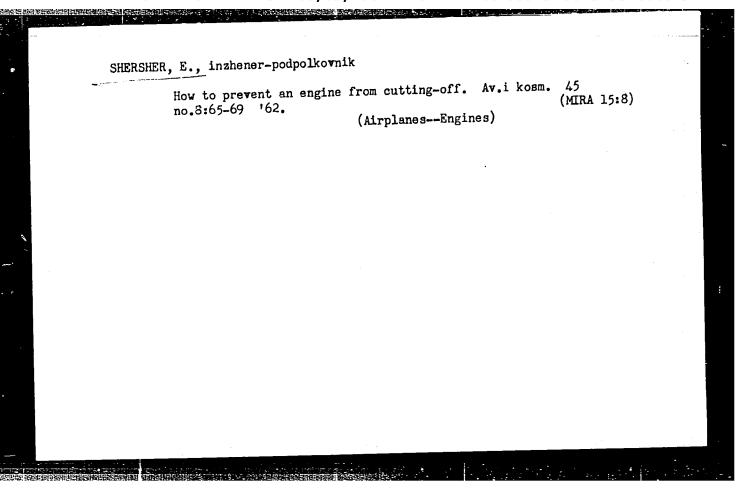
PRESENTED:

October 15, 1958, by L. A. Orbeli, Academician

SUBMITTED:

October 11, 1953

Card 3/3



SHERSHER, E., inzh.-podpolkovnik; KOROVKIN, Yu., inzh.-podpolkovnik

In case of a takeoff boost failure. Av. i kosm. 47 no.4:66-71
Ap 165.

(MIRA 18:4)

LEVINA, M.Ye. [Levina, M.E.]; SHERSHEV, B.S. [Shershov, B.S.]

Fhase diagram of the system KBeF3 - KPO3. Dop. AN URGR no.7;
9/2-045 164.

1. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikom
AN UkrSSR Ye.A.Shilovym [Shylov, IF.O.].

Transmission spectra of glasses in the systems NaBeF; - Naro; and KBeF; - Naro; open an URSR no.1:70-73 165.

J. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikos AN UkrSSR Ye.A. Shilovym [Shylov, E.O.].

EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG L 00030-66

ACCESSION NR: AP5020309

UR/0186/65/007/004/0480/0482 \$41.100.9 : \$49.46° \$7191 4 \$46°,07186 : \$40.200° \$10.210

AUTHOR: Levina, M. Ye.; Shershev, B. S.; Zaborenko, K. B.

Emanation study of the sodium beryllium trifluoride-sodium metaphosphate TITLE:

system

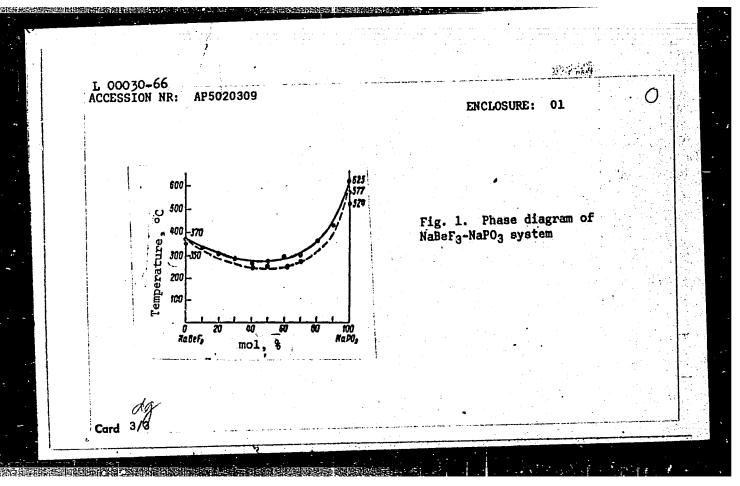
SOURCE: Radiokhimiya, v. 7, no. 4, 1965, 480-482

TOPIC TAGS: sodium compound, radioactivity measurement, phase diagram

ABSTRACT: The purpose of this investigation was to determine more accurately the phase diagram of NaBeF3-NaPO3 system, which was previously studied by means of ther mal analysis, and to investigate chemical reactions of mixtures in solid state which would give additional data concerning this system. The phase diagram of the NaBeF3-NaPO3 system consists of a continuous series of solid solutions (Fig. 1 of the Enclosure). The methods and the apparatus for measurement of the emanation of pure compounds during heating are described in Radiokhimiya, 5, 360 (1963). Radiothorium chloride was introduced as an alcoholic solution into finely ground NaBeF3 powder which was then thoroughly mixed and dried. The active NaBeF3 was mixed in appropriate molar ratios with NaPO3. The mixture was placed into a Pt crucible and

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AUTHOR: Levina, M. Ye.; Shershev, B. S.; Zaborenko, K. B.

32

TITLE: Study of the KBeF3-KPO3 system by the radioactive emission method

 \mathcal{B}

SOURCE: Radiokhimiya, v. 7, no. 4, 1965, 483-486

TOPIC TAGS: <u>fluoroberyllium glass</u>, phosphate glass, optical glass, infrared glass filter, fluoroberyllate phosphate system, phase diagram, radioactive emission method

ABSTRACT: The phase diagram and solid-state chemical reactions of the KBeF₃-KPO₃ system have been studied by the radioactive emission method with emphasis on the region of the diagram in the 10—40 mol% KPO₃ range, the study of which had not been completed previously. The beryllium glasses formed in this region are the most transparent in ultraviolet or infrared spectral regions, and the most weatherproof of all the glasses in the system studied, and therefore may find application as new optical glassy materials. The curves of emissive power versus temperature of the sample indicated that a chemical reaction in the solid state started at 200—220C. Earlier DTA data obtained by the authors were confirmed, indicating the formation of a KBeF₃-KPO₃ compound with a melting point of 495—500C, which formed two eutectics

Card 1/2

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ith the pure components of the	system. The peaks of the	emission curves from the	1/2
eutectic mixtures containing 20)-35 mol% KPO3 indicated	that the melting begins at	
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ACC NR: AP6010832

SOURCE CODE: UR/0073/66/032/003/0253/0255

AUTHOR: Levina, M. Ye.; Shershev, B. S.

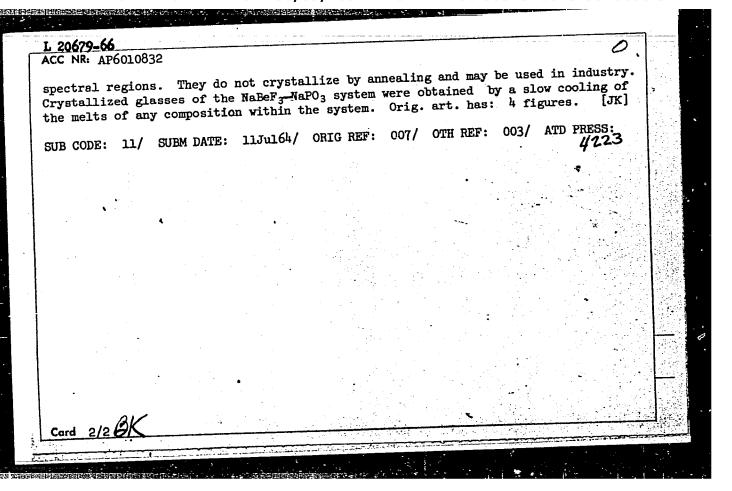
43

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Phase diagram of the NaBeF - NaPO 3 system

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 3, 1966, 253-255

ABSTRACT: The phase diagram of the NaBeF3-NaPO3 system has been established by differential thermal analysis of the molten, slow cooled mixtures of pure components of the system to determine the conditions of formation of fluoroberyllate glasses. The formation of such glasses was reported in the literature. A rapid (30-40C per min) cooling of the NaBeF3-NaPO3 melts produced transparent, moisture resistant glasses over the entire range of concentrations of the components. Quality of the glasses was improved by pouring the melt on a platinum sheet. The phase diagram of the system was typical for a continuous series of solid solutions with a minimum melting point at 40 mol% NaPO3. Composition dependence of dielectric losses, tg & and of refractive indices of the glossy samples confirmed formation of continuous solid solutions. The glasses formed by rapid cooling of the melts had low melting points (~240-625C) and were partially transparent in the ultraviolet and infrared but the cord 1/2 UDC: 536.7



ACCESSION NR: AT5003932 S/3065/61/000/036/0101/0119

AUTHOR: Shershnev, S. T. (Engineer)

TITLE: Calculation of protective shells of nuclear reactors

SCURCE: Moscow. Inzhenerno-stroitel'nyy institut. Sbornik trudov, no. 36, 1961.

Kafedra stroitel'stva yadernykh ustanovok (Department for the construction of nuclear engineering installations), 101-119

TOPIC TAOS: structural analysis, radiation protection, shell theory

ABSTRACT: The general theory of sholls is reviewed for the purpose of providing a computational guide in the solution of structural problems involved in nuclear reactor shield construction. The problem variables are expressed in terms of the forces (T) and moments (M) of the three-dimensional coordinate system shown in Fig. 1 on the Enclosures. Consideration of the equilibrium state of a shell element yields three equations of force equilibrium state of a shell element yields three equations of force equilibrium state of a shell $\frac{\partial U}{\partial S} + \frac{\partial U}{$

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and three more equations of moment equilibrium

$$\frac{1}{AB} \left(\frac{\partial BM_1}{\partial a} + \frac{\partial AM_{21}}{\partial \beta} + \frac{\partial A}{\partial \beta} M_{12} - \frac{\partial B}{\partial a} M_{2} \right) - N_1 = 0;$$

$$\frac{1}{AB} \left(\frac{\partial 9M_{12}}{\partial a} + \frac{\partial AM_{2}}{\partial \beta} + \frac{\partial B}{\partial a} M_{21} - \frac{\partial A}{\partial \beta} M_{1} \right) - N_2 = 0;$$

$$T_{12} - T_{21} + \frac{M_{12}}{R_{2}} - \frac{M_{21}}{R_{2}} = 0.$$

Here A,B, are coefficients of the first quadratic form, q_o, q_o, q_o, are components of the surface load along the coordinate axes, and R₁, R₂ are principal radii of curvature for the given coordinate system. Substitution of variables describing deformation characteristics and elasticity relationships and introduction of complex variable forms proposed by V. V. Novozhilov (Novyy metod rascheta torkikh obolochek, Izv. AN SSSR, OTN, 1946, No. 1) result in further reduction of the equilibrium equations. An exponential stress function, written in complex form, is introduced, and after a series of operations and reductions, the solution set

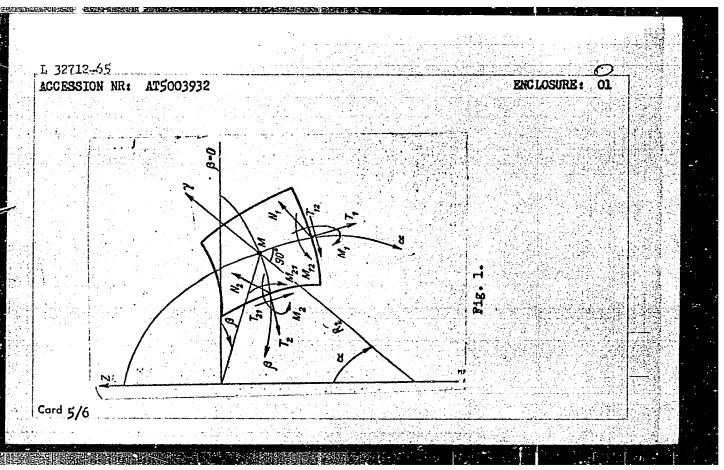
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constants of integration. T	그는 그
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$N_{i} = -\frac{1}{\sqrt{2}} \sqrt{\frac{2}{k}}$	$\frac{c}{R_s}[(C_s - C_s)\cos v + (C_1 + C_s)\sin v]e^{-v};$ $M_s = \mu M_s$
was given as a general solut given showing the formulas in moments) and for the boundary	tion for original problem variables. A summary is for solving all of the problem variables (forces and ry conditions
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	AUTHORS: Ginzburg, L. V.; Shershnev, V. A.; Pshenitsyna, V. P.; Bogndkin, B. A.	
· ·	TITLE: Reaction of unsaturated elastomers with phenolformaldehyde derivatives under vulcanizing conditions	
	SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 1, 1965, 55-62	
	TOPIC TAGS: butyl rubber, vulcanization, IR analysis/ IKS 14 IR apparatus, I 800 IR apparatus	- В. Э
	ABSTRACT: An IR study (700-2000 cm ⁻¹ on an IKS-14 apparatus, 2000-4000 cm ⁻¹ on an I-800 apparatus) was conducted on the reaction products of unsaturated rubbers (SKD) and of butyl rubbers with 2.6-dimethylol-4-tertbutylphenol (DMF), with and without SnCl_2H_0. The IR spectra of SKD and butyl rubber containing 12 parts (by weight) of DMF are shown graphically. To relate the structural kinetics to the consumption	
	of like are shown graphically. To relate the of ester groups, the ester Ho CH,	
	Card 1/3	

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ACCESSION NR: AP5003828

rubbers (dissolved in CC1₄). It was found that the degree of structurization could be expressed as $N_6 = -3.5 \cdot 10^{10} \, \text{lg} \, \frac{c}{0.3} \, \text{cm}^{-3}$

 $N_c = 2.0 \cdot 10^{10} \lg \frac{c}{0.3} cm^{-3}$ (where c = ester group concentration, mol/1)

for initial DMF concentration of 12 and 6 parts by weight respectively. To show that the radical processes, which develop during structurization, end when an equilibrium degree of structurization is reached, a free radical acceptor (2-mercaptobenzothiazole, MBT) was added to the rubbers. During the initial stages, MBT decreased the degree of structurization, but had no effect after equilibrium was reached. The addition of SnCl_2H_O significantly increased the vulcanization rate (at temperatures above 1600 by orders of magnitude), but no esters could be found, and the concentration of phenolic hydroxyl decreased by 50% after 15 minutes at 1600. This indicates the possibility of chromanic structures as well as an interaction of DMF with of-methylene hydrogen from the rubber. Orig. art. has: 3 figures.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. B. Lomonosova (Moscow Institute of Fine Chemical Technology)

Card 2/3

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	Card 3/3				

P/044/62/000/012/003/003/ D002/D101

AUTHOR:

Shershev, Ye., Lt. Colonel, Engineer

TITLE:

How to prevent engine flameout during flight

PERIODICAL:

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Wojskowy przegląd lotniczy, no. 12, 1962, 27-32

TEXT: This is a translation of a Russian-language article published in the periodical "Aviyatsiya i kosmonavtika", no. 8/62, and constitutes a narrative account of likely causes of engine flameout during flight and appropriate precautions. Specific mention is made of the following: Proper overpressure in fuel tanks; fuel pump performance; temperature control in afterburner operation; how and when to turn on the afterburner; avoiding the use of hydraulically operated equipment when afterburner is on or being turned off to prevent pressure fall in the hydraulic system; watch of temperature during afterburner-assisted climb; proper timing of iris nozzle movement; mechanical check of iris nozzle; lean-mixture engine speed; and acceleration pick-up test. The following engine parts affecting flameout are mentioned: 495A pump, CN-9 pump, NRA-11A feed pump, KPM-1A coil, and DSD-2 differential pressure indicator. There are 2 figures.

Card 1/1

USSR/Human and Animal Physiology (Normal and Pathological)

T-13

Effect of Physical Factors. Ionizing Radiation.

Abs Jour

: Ref Zhur - Biol., No 16, 1958, 75286

Author ___

Shershever, S.M.

Inst Title On the Problem of Infection of the Brain During Radiation

Sickness (Experimental Investigation).

Orig Pub

: Zh. nevropatol. i paikhiatrii, 1957, 57, No 3, 393-401

Abstract

: Results are described of histological investigation of the brain in 3 dogs, sacrificed in 29-43 days after a sinthe roentgen exposure of the head to 1000 or 1500 r, and in 9 dogs that died in 7-96 days after the same exposure of the head a two-fold (with an interval of 2-3 cays) exposure to doses of 510 r 3-4 field 20:20 cm along the spine. On a basis of radiation sickness more or less expressed encephalopathic reaction was found with signs of hypoxy, with predominant infection of the nerve cells of the

Card 1/2

17(13)

SOV/177-58-11-17/50

AUTHOR:

Shershever, S.M., Docent, Colonel of the Medical Corps

TITLE:

Treatment of Myositis, Acute Neuralgia, Mononeuritis

and Radiculitis With Iodine Paste

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 11, pp 53 -

55 (USSR)

ABSTRACT:

The article deals with the treatment of various nervous diseases with iodine paste. The author stresses the good results obtained with iodine paste of Frofessor S.K. Rozental, which was described in "Herald of Experimental Medicine" in 1945 (Nr. 4). The paste is composed of iodine - 0.3, chloroform - 150.0, ethyl alcohol - 20.0 and paraffin wax - 30.3. In his monograph "Ishias" (Medgiz, 1954), D.A. Shamburov emphasized the rapid calming of pains due to this paste. A.I. Ponizovskaya wrote in the journal "Neuropathology and Psychiatry" (Ed. 5, 1957) on good results in treating 624 patients suffering from di-

Card 1/2

SOV/177-58-11-17/50

Treatment of Myositis, Acute Neuralgia, Mononeuritis and Radiculitis With Iodine Paste

seases of the peripheric nervous system with Rozental, 's iodine paste. Because of the painful ness at the moment of application and pruriginous dermatitis, the author modified the composition of the iodine paste as follows: iodine - 3,0, menthol - 6.0, anesthesin- 15.0, alcohol - 20.0 - paraffin - 30.0, chloroform - 150.0. On aggravation of the chronic disease, khimanestesin is applied, combined with hygienic sports and drugs.

Card 2/2

· 在 1995年 1995年 1995年 1996年 1

PETRUSENKO, A.V., polkovnik med.sluzhby; SHERSHEVER, S.M., polkovnik med.
sluzhby

Result of the work of a military medical society of a district hospital.

Voen.-med.zhur. no.10:53-55 0 '59. (Mina 13:3)

(SOCIZZIES, MEDICAL)

(MILITARY MEDICINE)

TEYTEL BAUM, M.M., polkovník med.sluzhby, kand.med.nauk; SHERSHEVER, S.M., polkovník meditsinskoy sluzhby, kand.med.nauk; KRYLOVA, L.P.

Symptomatology of gastric and duodenal ulcer in young subjects.

Voen.-med.zhur. no.2:77-79 F '60. (MIRA 13:5)

(PEPTIC ULCER)