

L 36736-65

ACCESSION NR: AT5003913

ENCLOSURE: 04

0

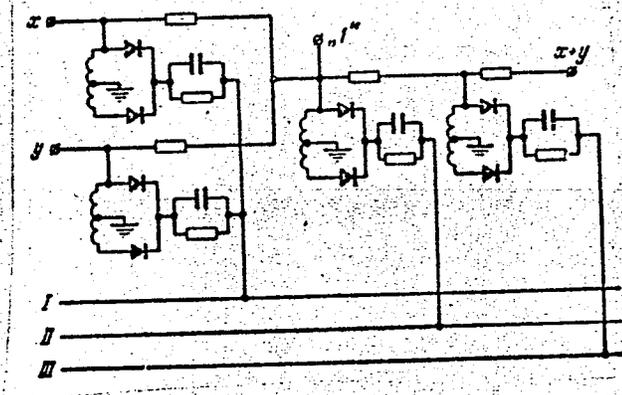


Fig. 4. Circuit diagram of the OR gate

Card 2/6

L 36736-65

ACCESSION NR: AT5003913

ASSOCIATION: none

SUBMITTED: 17 Aug 64

ENCL: 04

SUB CODE: DP

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3223

Card 6/6

PUERTA, Ramiro

Radio of free Cuba. Radio no.2:15-16 F '63. (MIRA 16:2)

1. Nachal'nik Kubinskogo Instituta radioveshchaniya.  
(Cuba--Radio) (Cuba--Telecommunication) (Cuba--Television)

PUFAL, J.

PUFAL, J. The results of stocking with fry by the Lutom Fishing Group. p. 9.  
October and November on lakes. p. 14.

Vol. 8, no. 9, Sept. 1956  
GOSPODARKA RYBNA  
AGRICULTURE  
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

EFAL, J.

EFAL, J. How to increase a catch of perch. p. 11. Vol. 8, no. 12, Dec. 1956.  
TSPC DANKA RYBNA. Warszawa, Poland.

SOURCE: East European Accessions List (EFAL) Vol. 6, No. 4--April 1957

PRYADKO, N.A., kand. tekhn. nauk; NECHITAYLO, A.A., inzh.; PUFAL', Yu.N.;  
SUKHOBRUS, V.S.

Use of automotive transportation in the building of strip  
mines. Ugol' 40 no.8:39-41 Ag '65. (MIRA 18:8)

1. EkzNIIProyekt.

PUFAL, Z.

2941

620.172.251 : 621.791.056

Pufal Z. The Influence of Low Temperatures on the Mechanical Properties of Certain Metals and Welded Joints.

„Wpływ niskich temperatur na własności mechaniczne niektórych tworzyw metalowych i ich połączeń spawanych”. Przegląd Spawalnictwa. No. 1, 1953, pp. 1—8, 18 figs. 1 tab.

Copper and aluminium were found, on the basis of tensile, elongation, impact and hardness tests, to behave best in low temperatures. Also, welded joints of these metals, notably joints which were given plastic or heat treatment, show superior mechanical properties. It is important to note that tensile, elongation and impact strength are considerably higher at a temperature of  $-195^{\circ}\text{C}$  than at  $+20^{\circ}\text{C}$ .

BT  
YJP

BALANESCU, I.N.; IANCU, I.; PUFAN, C.; POPESCU, I.; STAN, N.; MILEA, A.; CONSTANTINESCU, F.

Contributions to the study of the world of the young generation.  
Rev psihologie 11 no.1:5-21 '65.

1. Chair of Psychology of the University of Bucharest. Submitted August 12, 1964.



PUFAN, C.

Constitution of the surdopsychology as a branch of the psy-  
chology of deficiencies. Rev psihologie 11 no.1:1-7 1964.

1. Chair of Psychology of the University of Bucharest. Sub-  
mitted August 4, 1964.

PUFFOWA, Alicja

Poland

no title given

no affiliation given

Warsaw, Przegląd Geograficzny, Vol 34, No 3,  
1962, pp 619-20.

"XIV...XV Sessions of the Scientific Council  
of the Geographic Institute of the Polish Academy  
of Sciences".

PUFFOWA, Alicja

The 14th Meeting of the Scientific Council of the Geographical  
Institute of the Polish Academy of Sciences, Feb. 23, 1962.  
The 15th Meeting of the Scientific Council of the Geographical  
Institute of the Polish Academy of Sciences, Feb. 24, 1962.  
Przeł geogr 34 no.3:619-620 '62.

PUFFOWA, Alicja

Seventeenth Session of the Scientific Council of the Geographical  
Institute of the Polish Academy of Sciences, May 21, 1962.  
Przeł geogr 35 no.1:140-141 '63.

PUFFOWA, Alicja

"Waclaw Malkowski; on the occasion of the 50th anniversary of his death, 1911-1961" ed. by Boleslaw Olszewicz. Reviewed by Alicja Puffowa. Kwart hist nauki i tech 8 no.1:116-117 '63.

PUFFOWA, Alicja

23rd Session of the Scientific Council of the Geographical Institute  
of the Polish Academy of Sciences, [held in Warsaw] June 11, 1960.  
Przepl geogr 32 no.4:605-606 '60.

SEBENDA, J.; PUFFR, R.

On the structure and properties of polyamides. Pts 11-12. Coll  
Cz Chem 29 no.1s60-67 Ja'64

1. Institut für mikromolekulare Chemie, Tschechoslowakische  
Akademie der Wissenschaften, Prag.

PUFLA, J.

Results of stocking the lakes of the Luton group with fry. p. 3.  
(GOSPODARKA RYBNA. Vol. 8, no. 10, Oct. 1956, Poland)

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



*Requiescat, D.*

REQUIESCAT, D.  
Dobrota (1949-50) Sibiu Regiune

9

Country: Romania

Author's Degree: -Dr.-

Address: Institute of Pathology and Animal Hygiene (Institutul de  
Patologie si Igiene animala)  
Sector: Bucharest, Probleme Sanitare si Veterinara, No 5, map 1961,  
CP 41-92.  
Title: "Investigations of Certain Foci of Leptospirosis in Sheep."

Co-authors:

- ✓ NICOLISCU, Al., Veterinarian, Institute of Pathology and Animal Hygiene.
- ✓ MIHAIU, G., -Dr.-, Institute of Pathology and Animal Hygiene.
- ✓ PATRASCU, Gh., Veterinarian, Institute of Pathology and Animal Hygiene.
- ✓ BOBIRIU, D., Institute of Pathology and Animal Hygiene.
- ✓ ADAMCIU, V., Veterinarian, State Agricultural Farm (Cospodaria Agricola de Stat), Rimnicu Sarat, Flouesti Regiune.
- ✓ RUPULISCU, D., Veterinarian, Circumscription of Cogealac (Circumscripția-Cogealac), Dobrota Regiune.

L 9830-63

EWP(j)/EWT(m)/BDS/ES(w)-2--AFFTC/ASD/SSD--Pc-1/Pab-1--RM/MAY

ACCESSION NR: AP3000534

S/0106/63/000/005/0049/0057

67

AUTHOR: Parikozhka, I. A.; Pugach, A. B.; Berkman, N. A.; Frolov, P. A.

TITLE: Insulation-monitoring system for plastic-coated communication cables

SOURCE: Elektrosvyaz', no. 5, 1963, 49-57

TOPIC TAGS: communication cables, insulation-fault location in cables; insulation-fault signaling

ABSTRACT: Bridge-type fault-location methods are unreliable when applied to 200-250-km-long sections of a small-size cable between two attended repeater stations (ARS). A new method is offered in which an insulation-fault signaling device is installed at every unattended repeater station (URS), the distance between adjacent stations being a few miles. The device includes a TKh-3B cold-cathode tube and monitors continuously the insulation between two pilot wires in the cable. A transistorized locator is installed at every ARS and serves to indicate the particular URS section where the insulation fault has occurred. The system has been in trial operation for over one year. It is applicable

Card 1/2

L 9830-63

ACCESSION NR: AP3000534

0

also to lead- and aluminum-sheathed cables if special pilot wires are provided. The advantages claimed are: quick location of the faulty section while the insulation resistance of the working wires is still high; the monitoring system is well protected against power-frequency and pulse interference and against earth currents; the indicated number of the faulty section can be checked and rechecked; the system reliability is guaranteed by light working conditions and by remote-controlled checking of its components. Orig. art. has: 7 equations and 6 figs.

ASSOCIATION: none

SUBMITTED: 12May62

DATE ACQ: 03Jun63

ENCL: 00

SUB CODE: CO

NR REF SOV: 005

OTHER: 000

FR AID: 29Aug63

*ja/nh*

Card 2/2

PARIKOZHKA, I.A.; PUGACH, A.B.; BERKMAN, N.A.; FROLOV, P.A.

System for checking the insulation of communication cables with plastic sheathing. Elektrosviaz' 17 no.5:49-57 My '63.

(MIRA 16:4)

(Electric cables--Testing)

(Coaxial cables--Testing)

SOV-111-58-10-10/29

AUTHORS: Pugach, A.B., Chief of Laboratory, Parikozhka, I.A., Senior Engineer

TITLE: Device "SPI-2" Signaling the Decrease in Insulation Resistance in Cables (Pribor SPI-2, signaliziruyushchiy o ponizhenii soprotivleniya izolyatsii v kabelyakh)

PERIODICAL: Vestnik svyazi, 1958, Nr 10, pp 11-12 (USSR)

ABSTRACT: Devices used in main cable lines for signaling decrease in insulation resistance have several drawbacks: they need considerable quantities of electric energy and several feeding points; the life of tubes, etc. in these devices is very short; they are insufficiently protected against disturbances. The device "SPI-2" has been developed which has no such drawbacks. It contains two relaxation relays with one thyatron each, and an automatic block for switching the optical and acoustic signalization on and off, if the resistance of the line insulation is reduced to the critical value. The device is of simple construction and is smaller in size than type "SPI-1". It is fed by only one source of 160 - 220 v.

Card 1/2

SOV-111-58-10-10/29

Device "SPI-2" Signalizing the Decrease in Insulation Resistance in Cables

The current needed is only 5 - 8 ma.  
There is 1 diagram.

ASSOCIATION: Laboratoriya KONIISa (Laboratory KONIIS)

1. Electric cables---Insulation    2. Insulation (Electric)---Testing  
equipment---Effectiveness

Card 2/2

6.4500

S/044/60/000/009/021/021  
C111/C222

AUTHORS: Pugach, A.B., Savitskiy, Yu.I., and Tumanovskiy, Ye.I.

TITLE: On the Question on Reading Instruments of Electronic Transmitters

PERIODICAL: Referativnyy zhurnal. Matematika, 1960, No.9, p.212,  
Abstract No.11059. Tr. Sektsii provodn. svyazi. Ukr. resp. pravl.  
Nauchno-tekhn. o-va radiotekhn. i elektrosvyazi, 1958, vyp.3,  
pp.63-66

TEXT: The author give a short survey of photoelectronic reading instruments of transmitters working with a tape with a five-digit code. They consider some peculiarities of the scheme of the reading instruments: 1) Scheme with one constant surce of light if the photocells are commutated; 2) Scheme with several sources of light which are switched on alternately by the distributor; 3) Scheme in which the elements of the distributor themselves are the sources of light. ✓B

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

Card 1/1

BERKMAN, N.A.; BLEYKHMAN, V.S.; PASECHNIK, N.D., POGICH, A.E.

Device for calculating errors in the transmission of discrete  
information at high speeds. Elektrosviaz' 18 no.9:40-46 S '64.  
(MIRA 17:12)



PARIKOZHKA, I.A.; PUGACH, A.B.. Primalni uchastnye: PASHCHENKO, Z.S.;  
FURMAN, I.I.; TRUSKALOV, N.P.; SHEVCHENKO, A.Ye.; SAKHAROVA,  
T.M.; TROKHINA, Zh.G.; LEVINOV, K.G.; YAKOVICH, A.Ye.. SALITAN,  
L.S., red.; SHEFER, G.I., tekhn.red.

[Manual on electric measurements of long-distance communication  
lines] Rukovodstvo po elektricheskim izmereniam mezhdugorodnykh  
linii svyazi. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i  
radio, 1960. 194 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye mezhdugorodnoy  
telefonno-telegrafnoy svyazi. 2. Kiyevskoye otdeleniye Tsentral'-  
nogo nauchno-issledovatel'skogo instituta svyazi (for Parikozhka,  
Pugach, Pashchenko, Furman, Truskalov, Shevchenko, Sakharova,  
Trokhina). 3. Tsentral'nyy nauchno-issledovatel'skiy institut  
svyazi (for Levinov, Shvartaman). 4. UMMKS (for Yakovich).

(Telecommunication) (Electric measurements)

L 57874-65 EWT(d)/FSS-2/EEC-4/EEC(t) Pn-4/Pp-4/Pac-4  
ACCESSION NR: AP5016723

UR/0286/65/000/010/0041/0041  
621.315.052.7

AUTHOR: Berkman, N. A.; Gontar', V. M.; Gurov, V. S.; Darova, P. I.; Yetrukhin,  
N. N.; Zolotarev, Ya. M.; Zrazhevskiy, S. P.; Kopp, V. M.; Pasechnik, N. D.;  
Ponomarenko, V. A.; Pugach, A. B.; Raykin, P. S.; Sergeev, I. V.

TITLE: System for measuring the duration and number of interruptions in a communi-  
cation channel. Class 2], No. 171023

SOURCE: Byulleten' izobryeteniy i tovarnykh znakov, no. 10, 1965, 41

TOPIC TAGS: noise measurement, frequency meter, communication channel, pulse meter

ABSTRACT: The proposed measuring device <sup>9m</sup> converts the spectrum of the investigated pilot (measuring) frequency to a region of higher frequencies and uses a filter to separate the side band containing information on the signal envelope. Provision is made for simultaneous analysis of pulse noise and decline in the level of the pilot frequency with respect to voltage and duration. Information on interruption time is transmitted in the form of quantized pulse packets to a measuring circuit consisting of flip-flops, AND gates, and registers. Orig. art. has: 1 figure. [DW]

Card 1/2

L 57874-65  
ACCESSION NR: AP5016723

ASSOCIATION: Kiyevskoye otdeleniye Tsentral'nogo nauchno-issledovatel'skogo  
instituta svyazi Ministerstva svyazi SSSR (Kiev Department of the Central Scientific  
Research Institute of Communications of the Ministry of Communications, SSSR)

SUBMITTED: 10Nov63

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4036

ll  
Card 2/2

PUGACH, A.B., inzh.; PARIKOZHKA, I.A.

SPI-2 instrument signaling lowering of insulation resistance in cables. Vest.sviazi 18 no.10:11-12 0 '58. (MIRA 11:11)

1. Nachal'nik laboratorii Kiyevskogo otdeleniya Nauchno-issledovatel'skogo instituta svyazi (for Pugach). 2. Starshiy inzhener Kiyevskogo otdeleniya Nauchno-issledovatel'skogo instituta svyazi (for Parikozhka).

(Electric cables)

PUGACH, A.B., inzh.; PARIKOZHKA, I.A., inzh.

Insulation-decrease indicator. Avtom., telem. i sviaz' 2 no.6:  
31-33 Ja '58. (MIRA 11:6)

(Electric cables--Measurements)

PUGACH, A. B.

A. B. Pugach, "Device for Obtaining a Lengthened Telegraph Stop Signal."

Authors' Certificates, Elektrosvyaz', 1958, No. 7, pp 77.

L 10661-65 EWT(d)/FSS-2/EEC-1/EEC(t)/EED-2/FS(b) Pn-4/Pp-4/Pac-4 AFTC(b)/  
ASD(d)/AFETR/ESD(dp)/ASD(a)-5/ESD(c)  
ACCESSION NR: AP4045821 S/0106/64/000/009/0040/0046

B

AUTHOR: Berkman, N. A.; Bleykhman, V. S.; Pasechnik, N. D.; Pugach, A. B.

TITLE: Instrument for counting errors in the high-speed transmission of discrete information

SOURCE: Elektrosvyaz', no. 9, 1964, 40-46

TOPIC TAGS: error counting, error statistics, error counting instrument, information transmission, data transmission

ABSTRACT: A new instrument which is intended for testing a broadband channel for digital-data transmission at a speed of up to 60,000 bauds is described. The instrument consists of a transmitter and a receiver. The transmitter comprises a clock generator and a test-signal generator, the latter producing various combinations of test signals and sending them into the channel. Mixed with noise and distorted in the channel, the signals arrive at the receiver, which comprises

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L 10661-65

ACCESSION NR: AP4045821

1  
0  
a signal regenerator, a synchronizer, a test-signal generator, an error isolator, an error counter, and an error recorder. The device is similar to conventional instruments used in telegraph work for the same purpose; however, its various units have special features determined by its high speed. The clock generator produces pulses at 36, 42, 54, and 60 thousand bauds, the frequencies being stabilized by quartz. The test-signal generator produces combinations 1:1, 1:6, 6:1, "key depression 0, key depression —," and a 160-element pseudo-random pulse train. Some details of the units and their connections are given. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 07May64

ENCL: 00

SUB CODE: EC

NO REF SOV: 004

OTHER: 003

Card 2/2



GENIS, Andrian Aleksandrovich, inzh.; GORNISHTEYN, Isidor Leonovich, inzh.; PUGACH, Anatoliy Borisovich, inzh.; VEKSLER, G.S., kand. tekhn.nauk, retsenzent; POLYANSKAYA, L.O., inzh., red.izd-va; ROZUM, T.I., tekhn.red.

[Glow-discharge devices; theory fundamentals, schematics, and applications] Pribory tleishchego razriada; elementy teorii, skhemy i ikh primeneniye. Kiev, Gostekhizdat USSR, 1963. 374 p. (MIRA 17:3)

GENIS, Andrian Aleksandrovich[Henis, A.O.]; GORNSHTEYN, Isidor  
Leonovich[Hornshtein, I.L.]; FUGACH, Anatoliy Borisovich  
[Fuhach, A.B.]; POLYANSKAYA, L.[Polians'ka,L.], red.;  
MATUSEVICH, S.[Matusevych,S.], tekhn. red.

[Cold-cathode thyratrons and their uses]Tyratrony z kholod-  
nym katodom ta ikh zastosuvannia. Kyiv, Derzhtekhvydav  
URSR, 1961. 207 p. (MIRA 15:8)

(Thyratrons)

DOLIDZE, M.V.; PUGACH, A.F.

Photometry of the continuous spectra of four nonstationary stars  
with absorption bands. Izv. Akad. astrofiz. obser. no.28:121-136  
'62. (MIRA 16:7)

(Stars--Spectra)



PUGACH, A.L.

Exploring the gnidin oil field. Neft. i gaz. prom. no.2:13-16  
Ap-Je '62. (MIRA 15:6)

1. Treat "Chernigovneftegazrazvedka".  
(Gnidin region--Petroleum geology)  
(Gnidin region--Gas, Natural--Geology)

PUGACH, Anton Nikolayevich [Puhach, A.M.]; DOBROVOL'SKIY, O.A.,  
[Dobrovol's'kyi, O.A.], red.; GULENKO, O.I. [Hulenko,  
O.I.], tekhn. red.

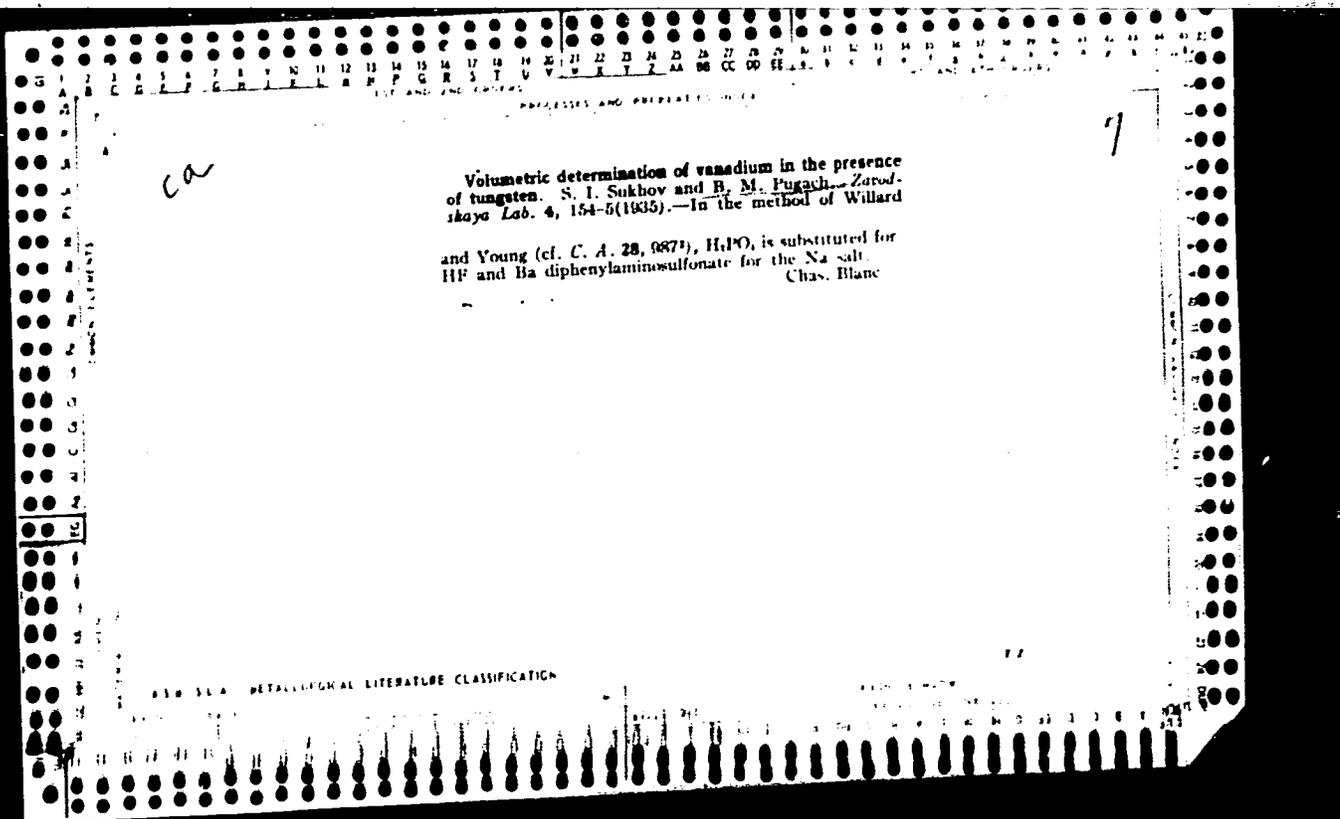
[Specialization in the production of pork on the "Maiak"  
Collective Farm] Spetsializatsiia vyrobnytstva svynyny v  
kolhospi "Maiak." Kyiv, Derzhsil'gospvydav URSR, 1962.  
13 p. (MIRA 17:1)

1. Predsedatel' kolkhoza "Mayak" Vinnitskogo rayona Vin-  
nitskoy oblasti (for Pugach).

PUGACH, Anton Nikolayevich [Puhach, A.M.]; DOBROVOL'SKIY, O.A.,  
[Dobrovol's'kyi, O.A.], red.; GULENKO, O.I. [Hulenko,  
O.I.], tekhn. red.

[Specialization in the production of pork on the "Maiak"  
Collective Farm] Spetsializatsiia vyrobnytstva svynyny v  
kolhospi "Maiak." Kyiv, Derzhsil'gospvydav URSR, 1962.  
13 p. (MIRA 17:1)

1. Predsedatel' kolkhoza "Mayak" Vinnitskogo rayona Vin-  
nitskoy oblasti (for Pugach).





L 11302-65 EWG(j)/EWP(e)/EWT(m)/EPF(c)/EPF(n)-2/EPR/EPA(bb)-2/EWP(b) Pr-4/

Ps-4/Pu-4 JD/WW/JG/AT/WH

ACCESSION NR: AP4043919

8/0279/64/000/004/0106/0115

AUTHOR: Samsonov, G. V. (Kiev); Burykina, A. L. (Kiev);  
Strashinskaya, L. V. (Kiev); Pugach, E. A. (Kiev)

TITLE: Interaction of magnesium<sup>27</sup>oxide and zirconium<sup>27</sup>dioxide with  
refractory compounds at high temperatures in a vacuum (B)

SOURCE: AN SSSR. Izv. Metallurgiya i gornoye delo, no. 4, 1964,  
106-115

TOPIC TAGS: refractory oxide<sup>27</sup>carbide reaction, refractory oxide  
nitride reaction, refractory oxide boride reaction, magnesium oxide  
carbide reaction, magnesium oxide nitride reaction, magnesium oxide  
boride reaction, zirconium dioxide carbide reaction, zirconium di-  
oxide nitride reaction, zirconium dioxide boride reaction

ABSTRACT: Contact interaction of MgO and ZrO<sub>2</sub> with TiC, ZrC, HfC,  
TaC, Mo<sub>2</sub>C, and WC in the 1000—2200C temperature range, and with  
TiN, ZrN, TiB<sub>2</sub>, and ZrB<sub>2</sub> in the 1000—1800C range has been investi-  
gated. Chemically pure MgO and ZrO<sub>2</sub>, stabilized with CaO and powders  
of the refractory compounds with a composition close to the stoichi-

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L 11302-65

ACCESSION NR: AP4043919

ometric and containing 0.3% max. free C, were used as the initial materials. In the experiments, which were conducted in a vacuum,  $ZrO_2$  powder reacted with compacts of the refractory compounds, and MgO compacts reacted with powders of the refractory compounds. The investigation involved predominantly qualitative aspects of the new phases formed and their microstructure and microhardness. Generally, carbides were the most, and borides<sup>1</sup> the least, stable in high-temperature contact interaction with MgO and  $ZrO_2$ . TaC and HfC in contact with MgO, and TaC and NbC in contact with  $ZrO_2$  reacted only at temperatures higher than 2200C; for ZrC and WC in contact with MgO and for TiC, ZrC, TaC, and WC in contact with  $ZrO_2$ , the temperature of the initial reaction was 2000C. Orig. art. has: 6 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 29Nov63

ATD PRESS: 3108

ENCL: 00

SUB CODE: MM

NO REF SOV: 006

OTHER: 006

Card 2/2

PA-24T62

Ussr/Medicine - Rabies - Immunity Oct 1947  
Medicine - Animals, Experimentation

"The Advantages of Marmots in Experimental Immunological Work on Rabies," E. M. Pugach, O. M. Ryabova 2 pp

"Bulletin' Eksperimental'noy Biologii i Meditsiny" Vol XXIV, No 4

More and more scientists and research men are using marmots (sualiks) for experiments in the field of alpthberia, oranthomous typhus and rabies. Because of the excellent results obtained with these animals, it is thought that at some date in the near future these marmots will replace the smaller laboratory animals. Submitted 25 May 1947 at the Pasteur De-

USSR/Medicine - Rabies - Immunity (Contd) Oct 1947 <sup>24T62</sup>

partment (Head: B. G. Vaynberg) of the Institute of Epidemiology and Microbiology Imeni I. I. Mechnikov, Odessa.

24T62

PUGACH, E.M.

STEFANSKIY, V.K.; PUGACH, E.M.

[Prophylaxis and clinical aspects of hydrophobia] Profilaktika i  
klinika beshenstva. Moskva, Medgiz, 1954. 106 p. (MLRA 7:11D)

FUGACH, F. [Fuhach, F.]

Rewarded for her work. Rab. i sial. 36 no.10:9-10 0 '60.

(MIRA 13:10)

(Grodno--Textile industry)

PUGACH, F. (Lugansk)

Autumnal excursion in the eighth grade. Geog. v shkole 26  
no.4:46-48 J1-Ag '63. (MIRA 17:1)

PUGACH, F.I.

Soil problems in school geography. Pochvovedenie no.9:102-106  
S '62. (MIRA 16:1)

1. Luganskiy gosudarstvennyy pedagogicheskiy institut imeni T.G.  
Shevchenko.

(Soil science--Study and teaching)

PUGACH, F.I.

Soil problems in school geography. Pochvovedenie no.9:102-106  
S '62. (MIRA 16:1)

1. Luganskiy gosudarstvennyy pedagogicheskiy institut imeni T.G.  
Shevchenko.

(Soil science--Study and teaching)



AUTHOR: Bugach, N. I.

NOV/6-53-7-10/12

TITLE: On the Problem of Cartometric Symbols (K voprosu o kartometricheskikh grafikakh)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 7, pp. 56-57 (USSR)

ABSTRACT: This paper draws attention to the fact that on maps there is never more than one scale given. It is requested that at least a note is made of the fact that this represents the principal scale and for which parts and directions of the map it is true. This demand is substantiated. It is desired to supplement each map with a short characteristic of its mathematical elements, these data being entered on the map itself. For this purpose diagrams, tables, etc., can be used.

1. Geology 2. Mapping—Standards

Card 1/1

PUGACH, F.I.

Shortcomings in dealing with soils in the secondary school geography course [with summary in English]. Pochvovedenie no.8:140-143 Ag '58.  
(MIRA 11:9)

1. Luganskiy gosudarstvennyy pedagogicheskiy institut im. T.G. Shevchenko.

(Soils)

MURAVIN, Ya.G.; ZELENSKAYA, L.N.; PUGACH, G.D.

Use of high polymer packaging materials in food preservation by  
means of ionizing. Kons. i cv.prom. 17 no.4:24-27 Ap '62.  
(MIRA 15:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut konservnoy i  
ovoshchesushil'noy promyshlennosti.

(Canning and preserving--Packaging) (Polymers)  
(Radiation sterilization)

MURAVIN, Ya.G.; PUGACH, G.D.; ARTEMOVA, T.I.

[Use of polymeric packaging materials in the canning industry] Ispol'zovanie polimernykh upakovochnykh materialov v konservnoi promyshlennosti. Moskva, Tsent. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 32 p.  
(MIRA 18:8)

FUGACH, G.V., kand.filos.nauk (g.Perm')

Why do people speak different languages? Nauka i zhizn' 27 no.3:  
52-56 Mr '60. (MIRA13:6)

(Language and languages)

FUGACH, I. M.

PA 52181

USSR/Mines and Mining  
Mining Methods  
Training

Nov 1947

"Technical Mining Training in the USSR," I. M. Pugach,  
Engr, 6 pp

"Ugol'" No 11

Detailed description of mining training, with extensive data on number of students, courses, etc.

FDB

52181

PUGACH, Isay Markovich; POLESIN, Yakov Lazarevich; SHUB, Yevsey Yefimovich;  
SOBOLEV, G.G., redaktor; GRICHAYENKO, M.I., redaktor; ALADOVA, Ye.I.,  
tekhnicheskij redaktor; PROZOROVSKAYA, V.L., tekhnicheskij redaktor.

[Mine rescuing and the prevention of mine accidents] Gornospasatel'noe  
delo i preduprezhdenie shakhtnykh avarii. Moskva, Ugletekhizdat, 1955.  
398 p. (MLRA 9:4)

(Mine rescue work)

FUGACH, Isay Markovich, [deceased], VATOLIN, Yevgeniy Stepanovich,; KAZAKOV,  
B.Ye., otv. red.; SHUSHKOVSKAYA, Ye. L., red. izd-va,; VINOGRADOVA,  
G.V., red. izd-va,; NADBINSKAYA, A.A., tekhn. red.

[Mining] Gornoe delo. Izd. 2, ispr. Moskva, Ugletekhizdat, 1958. 254 p.  
(MIRA 11:11)

(Mining engineering)



PUGACH, I. M.

USSR (600)

Technology

Mining. Moskva-Leningrad, Ugletekhizdat, 1950.

Monthly List of Russian Accessions, Library of Congress, 1951. UNCLASSIFIED.

L 27735-66 FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(h) IJP(c) WG/GD  
ACC NR: AT6015143 SOURCE CODE: UR/0000/66/000/000/0228/0258

AUTHOR: Deryugin, I. A.; Pugach, I. P.; Solomko, A. A. 65  
8x1

ORG: Kiev State University im. T. G. Shevchenko (Kiyevskiy gosudarstvennyy universitet)

TITLE: Review of methods for external SHF laser modulation 25

SOURCE: Respublikanskiy seminar po kvantovoy elektronike. Kvantovaya elektronika (Quantum electronics); trudy seminara. Kiev, Naukova dumka, 1966, 228-258

TOPIC TAGS: SHF, laser optics, Faraday effect, Kerr effect, electrooptic effect, laser modulation

ABSTRACT: This article is a brief survey of the literature on methods for external SHF modulation of laser emission including: 1. the use of magnetic fields to control the phase of light pulsations in a magnetic medium (Faraday effect); 2. the use of a magnetic field to control the absorptivity of magnetic substances (circular dichroism); 3. the use of an electric field to control the phase of light pulsations in paraelectric media (Kerr and Pockels effects); 4. the effect of electric fields on the absorption edge of light in semiconductors. The literature on physical causes and experimental research with regard to these various effects is discussed. It is pointed out that control of phase constants is preferable for tapping the light energy emitted. 2

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ACC NR: AT6015143

by the modulating material. The linear electro-optical (Pockels) effect shows the greatest promise. The materials presently available for SHF modulation based on the effects studied in this paper do not meet the necessary requirements. The search for new materials should be continued. Wideband light modulation requires protracted interaction between the modulated and modulating signals and absence of dispersion in the transmission line for the modulating signal. This requires a modulating cell for excitation of a TEM wave. A transition to this type of wave requires the use of crystals with small transverse dimensions making extremely rigid demands for treatment and homogeneity. Orig. art. has: 2 figures, 43 formulas. [14]

SUB CODE: 20/

SUBM DATE: 12Feb66/

ORIG REF: 021/

OTH REF: 027/

ATD PRESS: 5002

Card 2/2 BLG

BUKHMAN, Vil'yam Aronovich; ELGACH, Konstantin Abramovich;  
PRUTYAN, L.N., red.; PANICHKINA, E.A., red. izd-va;  
KLAPTSOVA, T.F., tekhn. red.

[Mechanization of certain fitting and assembly operations in  
ship repairs] Mekhanizatsiia nekotorykh slesarno-montazhnykh  
rabot v sudoremonte. Moskva, Izd-vo "Morskoi transport," 1962  
128 p. (MIRA 15:7)

(Ships--Maintenance and repair)  
(Shipfitting)

PUGACH, L.A.

Mechanical switch detector bar. Sbor.rats.predl.vnedr.v proizv.  
no.5:61-62 '60. (MIRA 14:8)

1. Trest "Leninruda".  
(Railroads--Switches)

PUGACH, N. K.; KOZACHUK, F. S.

Modernization of the NShP-20-59 gear pump for molasses, Sakh.  
prom. 36 no.10:64-65 0 '62. (MIRA 15:10)

1. Gnivanskiy sakharnyy zavod.

(Pumping machinery)

PUGACH, V. [Puhach, V.]

Construction of rotary milking parlors on state farms in Kiev  
Province. Sil'.bud. 13 no.5:3-5 My '63. (MIRA 17:3)

1. Nachal'nik otdela kapital'nogo stroitel'stva Kiyevskogo spetsializirovannogo tresta sovkhozov.

FUGACH, V.

Introduction of the experience of Soviet innovators in China. Izv.  
KPI 23:109-134 '57. (MIRA 11:3)  
(Technical assistance in China)



MARKHININ, Ye.K.; PUGACH, V.B.

Magnetic susceptibility of igneous rocks on Kamchatka and  
the Kurile Islands. *Biul.Vulk.sta. no.33:44-46 '62.* (MIRA 15:12)  
(Kamchatka--Rocks, Igneous--Magnetic properties)  
(Kurile Islands--Rocks, Igneous--Magnetic properties)

MARKHININ, Ye.K.; PUGACH, V.B.; MARKHININA, S.N.

Natural magnetization of ash beds in the region of the group  
of the Klyuchevskiy volcano. Biul.Vulk.sta. no.33:47-56  
'62. (MIRA 15:12)  
(Kamchatka--Volcanic ash, tuff, etc.--Magnetic properties)

MARKHININ, Ye.K.; TOKAREV, P.I.; PUGACH, V.B.; DUBIK, Yu.M.

Eruption of the Bezmyanny Volcano in the spring of 1961.  
Biul. Vulk. sta. no.34:12-35 '63. (MIRA 16:10)

MARKHININ, Ye.K.; TOKAREV, P.I.; HUGACH, "B.

Studying the state of the volcanoes of the Klyuchevskoy group  
and the Sheveluch Volcano in 1961. Biol.vulk.sta. no.35:3-8 '64.  
(MIRA 17:10)

MARKHININ, Ye.K.; ALYPOVA, O.M.; NIKITINA, I.B.; PUGACH, V.B.; TOKAREV, P.I.

State of volcanoes of the Klyuchevskaya group and the Sheveluch  
Volcano in 1960. Biul. Vulk. sta. no.32:3-13 '62. (MIRA 15:10)  
(Kamchatka--Volcanoes)

MARKHININ, Ye.K.; BASHARINA, L.A.; BORISOV, O.G.; BORISOVA, V.N.; PUGACH, V.B.;  
TIMERBAYEVA, K.M.; TOKAREV, P.I.

Study of the state of volcanoes of the Klyuchevskaya group and the  
Sheveluch Volcano in 1958-59. Biul.Vulk.sta. no.31:16 '61.

(MIRA 15:2)

(Kamchatka--Volcanoes)

PUGACH, V.R. [Puhach, V.R.] traktorist, (Mikhaylovka, Kamenskogo rayona,  
Cherkasskoy oblasti)

Advantages of new crawler tractors. Mekh. sil'. hosp. 11 no.11:30-  
31 N '60. (MIRA 13:11)

(Crawler tractors)

PUGACH, Ye. (Leningrad); SHERYAKOV, V. (Leningrad)

Plastics and synthetic materials in major repairs. Zil.-kcm.  
khoz. 13 no.4:8b-9 Ap '63. (MIRA 1615)  
(Plastics) (Building materials)



OVRUTSKIY, M. Sh., kand. tekhn. nauk; KAZIMIROVA, R. L., inzh.;  
FUGACH, Ye. D., inzh.

Intensification of the tanning process of stiff leather with  
the use of chromosyтан and aluminosyтан compounds. Izv. vys.  
ucheb. zav.; tekhn. leg. prom. no.4:71-75 '62.  
(MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-  
obuvnoy promyshlennosti. Rekomendovana kafedroy tekhnologii  
kozhi Kiyevskogo tekhnologicheskogo instituta legkoy promysh-  
lennosti.

(Tanning)

PUGACH, Ye.D.  
OVRUTSKIY, M.Sh.; PUGACH, Ye.D.

Determining tannage efficiency of stiff leathers. Leg.prom.17  
no.9:21-22 S '57. (MIRA 10:12)  
(Leather industry) (Tanning materials)

OVKUTSKIY, M.Sh., kand.tekhn.nauk; KAZIMIROVA, R.L., inzh.; PUGACH,  
Ye.D., inzh.

Using chromium silicate mixtures for the tanning of stiff leather.  
Kozh.-obuv.prom. 4 no.2:35-37 F '62. (MIRA 15:4)  
(Tanning)

OVRUTSKIY, M.Sh., kand.tekhn.nauk; KAZIMIROVA, R.L., inzh.; PUGACH, Ye.D., inzh.

New methods for tanning stiff leather. Nauch.--issl.trudy Ukr NIIKP  
nc.13:35-41 '62.

Use of chromium-syтан and aluminum-syтан compounds in tanning  
stiff leather. Ibid.:42-45 (MIRA 18:2)

OVRUTSKIY, M.Sh., kand.tekhn.nauk; PUGACH, Ye.D., inzh.; KAZIMIROVA, R.J.,  
inzh.

Improving tanning properties of aluminum salts. Izv.vys.ucheb.zav.;  
tekh.leg.prom. no.5:22-26 '58. (MIRA 12:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy  
promyshlennosti.

(Tanning materials)

KIBA, N.T., veterinarnyy vrach; PUGACH, Ye.I., veterinarnyy vrach; GORINOV,  
Yu.M., veterinarnyy vrach

Comparative evaluation of biomyacin and a preparation of the broth  
culture of Propionibacterium and Lactobacillus acidophilus.

Veterinariia 41 no.4:71-72 Ap '65.

(MIRA 18:6)

1. Kalininskaya nauchno-proizvodstvennaya veterinarnaya laboratoriya.

PUGACH, Ye.P., kand.tekhn.nauk

Bending of cantilever plates. Sbor.LIIZHT no.164:286-295 '59.  
(MIRA 13:8)

(Elastic plates and shells)

L 18783-63 EWP(r)/EWT(m)/BDS AFFTC  
ACCESSION NR: AR3006443

S/0124/63/000/008/V013/V013

SOURCE: RZh. Mekhanika, Abs. 8V96

52

AUTHOR: Pugach, Ye. P.

TITLE: Buckling of a rectangular plate, two adjoining ends of which are fixed, and two others free

CITED SOURCE: Sb. tr. Lenigr. in-t inzh. zh.-d. transp., vy\*p. 190, 1962, 311-321

TOPIC TAGS: plate, rectangular plate, buckling, fixed end plate, free end plate

TRANSLATION: The solution of the boundary problem mentioned in the title is considered in the general form. The solution is constructed by the method of decomposition of various types of solution, chosen in the form of simple trigonometric series, each of which satisfies the boundary conditions of definite type on the edge of the plate. To sum up, for the determination of the desired constant coefficients in series an infinite system of linear algebraic equations is obtained. Specific examples are not considered. V. V. Vlasov

DATE ACQ: 28Aug63

SUB CODE: AP

ENCL: 00

Card 1/1



MALIYEV, A.S., doktor tekhn.nauk, prof.; PUGACH, Ye.P., kand.tekhn.nauk;  
SMIRNOVA, V.V., inzh.

Theoretical solution of the problem of flexure in the elastic  
phase of a plate with two supported and two free edges under a  
concentrated force. Trudy LIIZHT no.178:85-106 '61. (MIRA 15:7)  
(Elastic plates and shells) (Bridges)

PUGACH, Ye.P., kand.tekhn.nauk

Flexure of a cantilever plate by a concentrated force. Trudy  
LIIZHT no.178:107-117 '61. (MIRA 15:7)

(Elastic plates and shells)

PUGACH, Ye. P.

Pugach, Ye. P. -- "The Bending of a Sheet -- Bracket Arm." *Min Railways USSR*. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. M. Obraztsov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No 12, 1956

PUGACH, Ya.Yu., inzh.; SIROTA, L.M., inzh.

What's new in finishing operations. Biul.tekh.inform.po  
stroi. 5 no.10:14-17 0 '59. (MIRA 13:3)  
(Painting, Industrial--Equipment and supplies)

*Thin-slab roofs*  
MOROZOV, A.P.; MININ, V.F., inzh.; SHIFRIN, L.S., inzh.; STAROV, A.F., inzh.;  
FUGACH, Ya.Yu., inzh.

Thin-slab reinforced cement roofs in housing construction. Biul. tekhn.  
inform. 3 no.11:3-6 N '57. (MIRA 11:1)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury (for  
Morozov).

(Roofs, Concrete)

PUGACHA, I. K.

Mining Engineering - Study and Teaching

Discussion of I. M. Pugacha's article., Ugol', no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

PUGACHENKOVA, G. A.

Asia, Central - Costume

History of the "parandzhi." Sov.etn. No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952, Uncl.

MURASHENKOVA, Galina Anatol'yevna (Central Asia <sup>U</sup> State Univ) for Doc of Arts  
on the basis of dissertation defended 5 May 59 in Council of Inst of History  
of Art, Acad Sci USSR, entitled "Paths of the development of architecture of  
~~the~~ southern Turkmenistan during the <sup>period</sup> ~~time~~ of slavery and feudalism."  
(BMVISO USSR, 1-01, ~~1~~ 29)



AUTHOR: Pugachenkova, G.A. SOV/165-58-6-10/24

TITLE: Archeological Reconnoitering of the Territory on the Middle Murgab  
(Based on Reports of YuTAKE 1955)

PERIODICAL: Izvestiya Akademii nauk Turkmenskoy SSR, 1958, Nr 6,  
pp 74-83 (USSR)

ABSTRACT: The general reconnoitering of the middle Murgab Valley between  
Kushka and Bayram-Ali (near Merv) undertaken in 1955 served,  
first of all, the more exact localization of the places mention-  
ed by the Arabic geographers of the middle-ages in this terri-  
tory on the long transit trade-route from Merv to Balkh and  
Herat.  
There are 5 photos, 5 graphs and 13 references, 11 of which are  
Soviet and 2 English.

Card 1/2

SOV/165-58-6-10/24

Archeological Reconnoitering of the Territory on the Middle Murgab

ASSOCIATION: Yuzhno-Turkmenistanskaya arkhelogicheskaya kompleksnaya ekspeditsiya AN Turkmenskoy SSR (South Turkmenian Archeological Expedition of the Academy of Sciences of the Turkmenian SSR)

SUBMITTED: November 14, 1957

Card 2/2

PUGACHENKOVA, G. A.

42828. PUGACHENKOVA, G. A. O Resnykh Derevyannykh Kolonkakh XIV-XV vv. v G. Turkestane. Izvestiya Akad. Nauk Kazakh. SSR, No. 62, Seriya Arkhit., VYP. 1, 1948, s. 40-53.--  
Rezyume Na Kazakh. Yaz.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

PUGACHENKOVA, G. A.

V. A. Levina, D. M. Orezov, and G. A. Pugachenkova, Arkhitektura turkmenskogo narodnogo zhilishcha (Architecture of Turkman Folk Dwellings), Press for Literature on Building and Architecture, 7 sheets.

The booklet generalizes on the material obtained by the South Turkmen Combined Archeological Expedition. The authors describe the architecture of dwellings of the 18th and 19th centuries, of the southern, and southeastern regions of the Turkmen SSR.

The booklet is of interest to architects, builders, historians, ethnographers, art experts, and other specialists.

SO: U-6472, 18 Nov 1954

PUGACHEV, A., agronom

How to avoid injuries to seed in combine harvesting. Nauka  
i pered.ch.v sel'khoz. 9 no.9:65-66 S '59.

(MIRA 13:2)

1. Tsentral'naya mashinopytatel'naya stantsiya.  
(Grain--Harvesting)

1. SUMMARY.

Fupachev, A. "Fe or Gorskoyev, The original discoverer of iron ore in Siberia",  
(Outline), Izv. Ak. 3, 1948, p. 101-10.

So: U-3261, 10 April 49, (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

PUGACHEV, A., kand.tekhn.nauk; DOMOTENKO, N., kand.tekhn.nauk

Durability plus reliability. Grazhd.av. 20 no.4:16-17 Ap '63.  
(MIRA 16:5)

(Airplanes--Engines)

L 11351-63

EPA/EWT(m)/BDS AEDC/AFFTC/ASD/APGC Paa-4

59

ACCESSION NR: AP3000212

S/0084/63/000/004/0016/0017

AUTHOR: Pugachev, A. (Candidate of technical sciences); Domorenko, N. (Candidate of technical sciences)

TITLE: Durability plus reliability

SOURCE: Grazhdanskaya aviatsiya, no. 4, 1963, 16-17

TOPIC TAGS: aircraft combustion chamber, temperature distribution, engine reliability, diffuser wall temperature

ABSTRACT: Temperature measurements of the <sup>27</sup>combustion-chamber walls of the AI-20 aircraft engine under takeoff conditions indicate temperature-distribution variations from 250 to 300C. For example, the nonuniformity in the heating of the diffuser walls, whose maximal temperature is 700—750, amounts to 250, and the temperature before the turbine nozzle rises from a mean value of 780—800 to a maximal value of 900—950. Such temperature fluctuations of the combustion-chamber walls are caused by nonuniform flow of the inlet air, the distribution of the secondary and cooling air, and the structure of combustion processes in the primary combustion zone. The character of temperature distribution in the diffuser depends

on:

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L 11351-63  
ACCESSION NR: AP3000212

0

on clearances between the leading and rear vane rows and between the rear vanes and the combustion-chamber head. The life and reliability of engines can be increased by avoiding, if possible, engine operations under elevated regimes. Air bleeding for such purposes as anti-icing increases gas and combustion-chamber temperatures and therefore is recommended for regimes below rated. In flights over regions with high ambient air temperatures, it is necessary to keep in mind that with an ambient temperature of 25-30 engine temperatures will rise. However, a further increase in ambient temperature has no considerable effect on the engine, because at such temperatures a thermocompressor cuts in and reduces the fuel supply. An increase in inlet air temperature reduces engine torque. This must be taken into account in the operation of Il-18 and An-10 aircraft. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 10Jun63

ENCL: 00

SUB CODE: AE, PR

NO REF SOV: 000

OTHER: 000

kes/*su*  
Card 2/2

PUGACHEV, A.

AID - P-31

Subject : USSR/Aeronautics

Card : 1/1

Author : Pugachev, A., Lt. Col., Engineer, Dotsent, Kandidat of Mechanical Science

Title : Operation of Reactive Engines in Conditions of Low Temperature

Periodical : Vest. vozd. flota, 2, 59 - 64, February 1954

Abstract : The author analyses in detail the starting conditions of a reactive engine, and shows how the temperature affects its operation. He gives methods of handling a reactive engine, and of checking the fuel for traces of water.

Institution : None

Submitted : No date

PUGACHEV, A., agronom

Adjust combines correctly. Tekh.v sel'khoz. 21 no.8:64-67 Ag '61.  
(MIRA 14:7)

1. TSentral'naya mashinoispytatel'naya stantsiya.  
(Combines (Agricultural machinery))

PUGACHEV, A.

Brickmaking

Our practice in baking bricks with coal. Sel'. stroi. 7 no.1:7 Ja-F 1952.

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