

GROMOV, K.Ya.; ZHELEEV, Zh.T.; ZVOL'SKA, V.; KALINNIKOV, V.G.

Decay of  $Er^{161}$ . 1Ad. fiz. 2 no.5:783-793 N 165.

(MIRA 18:12)

1. Ob'yedinennyy institut yadernykh issledovaniy. 2. Sotrudnitsa  
Prazhskogo Instituta yadernykh issledovaniy, Chexoslovakiya  
(for Zvol'ska).

ABSTRACTED, A.S.; ANNOTATED, A.S.; GOST, U.S.S.R.; U.S.S.R., R.S.S.;  
KONSTANTIN, R.S.

Spectra of conversion electrons from the isotopes  
 $Tm^{166}$ ,  $Yb^{164}$ ,  $Tm^{164}$ , and  $Tm^{164}$ . Izv. Akad. Nauk. Ser. Fiz.-mat.  
nauk S.S.S.R. 1965, 10:1.

1. Obshchestvennyy institut yadernykh issledovaniy i teoreticheskoy  
fizicheskoy institut. Sbornik nauki, 1965.

CHEN, F. Ya.; CHEN, Zh.; KUN SYAN-TSUNG [Han: Hsuan-ying];  
MURPHY, G.; KUN SHI-SHUN [Han: Shi-shun]

Positron decay of  $\text{Eu}^{147}$ . Izv. AN SSSR. Ser. Fiz. Khim. no. 12:  
2239-2242. P. 165. (MIRA 19:1)

L 23733-66 ENT(m) DIAAP JD/JG

ACC NR: AP6014812

SOURCE CODE: UR/0367/65/001/002/0201/0204

AUTHOR: Gromov, K. Ya.; Gnatovich, V.--Hnatowicz, V.; Danagulyan, A. S.; Strigachev, A. T.; Shpindel', V. S.--Shpindel, V. S.

ORG: Joint Institute of Nuclear Research (Ob'yedinenyy institut yadernykh issledovaniy); Scientific Research Institute of Nuclear Physics, Moscow State University (Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta) 29  
B

TITLE: Two-hour (7.7 ksec) Lu sup 168 isomer H

SOURCE: Yadernaya fizika, v. 1, no. 2, 1965, 201-204 19

TOPIC TAGS: lutetium, isomer, beta decay

ABSTRACT: <sup>27</sup>The electron conversion lines, previously ascribed (by Gromov and others, DAN SSSR, 136, 325, 1961) to the 87.5 KEV transition in the decay of a new Lu<sup>168</sup> isomer ( $T_{1/2} = 2.15$  hours = 7.7 ksec) have been reinvestigated. It has been determined from the energy differences of the K, L<sub>2</sub>, L<sub>3</sub>, M<sub>2</sub>, M<sub>3</sub>, and N lines that these lines are connected with an 88.3 KEV transition in an Hf nucleus. Because of this, there is now no reason to suppose the existence of a two-hour Lu<sup>168</sup> isomer, and the transition with an energy of 88.3 KEV is evidently due to beta-decay of an isomer state in Lu<sup>176</sup>.  
Orig. art. has: 2 figures and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 20 / SUBM DATE: 18Sep64 / ORIG REF: 003 / OTH REF: 002

Card 1/1 *HW*

L 26694-66 EWT(m) DIAAP JD/JG

ACC NR: AP6016896

SOURCE CODE: UR/0367/65/002/005/0783/0793

AUTHOR: Gromov, K. Ya.; Zhelev, Zh. T.; Zvol'ska, V. --Zvolska, V.; Kalinnikov, V. G.  
 ORG: Joint Institute of Nuclear Research (Ob'yedinennyy institut yadernykh issledo-  
 vaniy); [Zvol'ska/ Prague Institute of Nuclear Research (Prazhskiy institut yader-  
 nykh issledovaniy)]

TITLE: Decay of Er sup 161

SOURCE: Yadernaya fizika, v. 2, no. 5, 1965, 783-793

TOPIC TAGS: radioactive decay, positron, erbium, holmium, spectrometer, electron spectrum

ABSTRACT: <sup>19</sup> Positron radiation of <sup>161</sup>Er (E<sub>0</sub> = 820 ± 40 keV) was <sup>27/9</sup> observed with a triple-focusing magnetic spectrometer. Data are <sup>27</sup> presented for the conversion electron spectrum and the multipo-  
 larity of certain transitions in the <sup>161</sup>Ho nucleus. The <sup>161</sup>Er  
 → <sup>161</sup>Ho decay-scheme is determined and presented. The 1897  
 and 1943 keV levels are interpreted as three-quasi-particle  
 states. The authors express deep thanks to A. V. Kudryavtsevaya for the help on the  
 work and to N. I. Pyatov and V. M. Mikhaylov for checking the decay-scheme. Orig.  
 art. has: 5 figures and 2 tables. /JPRS/

SUB CODE: 20 /

SUEM DATE: 09Apr65 /

ORIG REF: 011 /

OTH REF: 010

SOV REF: 012

Card 1/1 BLG

L 26659-66 EWT(m) DIAAP JD/JG

ACC NR: AP6017114

SOURCE CODE: UR/0048/65/029/012/2235/2238

AUTHOR: Gromov, K. Ya.; Zhelev, Zh. T.; Kalinnikov, V. G.; Kuznetsov, V. V.;  
Kun, Syan-tsein'; Muziol', G.; Han', Shu-zhun'; Khalkin, V. A.

ORG: none

B5  
B

TITLE: Positrons in Gd sup 147 decay [This paper was presented at the 15th Annual  
Conference on Nuclear Spectroscopy and the Structure of the Atomic Nucleus, held in  
Minsk from 25 January to 2 February 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2235-2238

TOPIC TAGS: positron, gadolinium, spectrometer, scintillation spectrometer,  
tantalum, europium, gamma spectrum, isotopes, radioactive decay

ABSTRACT: The positron emission of  $Gd^{147}$  is studied with a scintillation spectrometer and a triple-focussing beta spectrometer. The gadolinium sample was extracted from a tantalum target that had been irradiated for 2 hours at 660 Mev. The purpose of this work was to determine the  $Eu^{147}$  levels that are populated by positron decay of  $Gd^{147}$ . This is done by studying the triple coincidence of the 511-511 keV gamma quanta and the quanta of the entire gamma spectrum. The equipment used is diagrammed in the following paper (in the same journal).

Triple coincidence spectra are plotted for two geometries of the detectors. The lone peak at 230 keV leads the authors to assume that a

Card 1/2

L 26659-66

ACC NR: AP6017114

large fraction of the positrons populates the 229 kev level. The remainder is shown to go to ground state. The schematic diagram of Gd<sup>147</sup> Eu<sup>147</sup> is shown. Orig. art. has: 4 figures and 1 formula. [JPRS]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 012 / OTH REF: 003

Cord 2/2

BLG

L 26653-66 EWT(m) DIAAP JD/JG

ACC NR: AP6017119

SOURCE CODE: UR/0048/65/029/012/2239/2242

AUTHOR: Gromov, K. Ya.; Zhelev, Zh.; Kun, Syan-Tszin; Muziol', G.; Khan', Shu-Zhun'

ORG: none

TITLE: <sup>19</sup>Positron decay of Eu sup 147 [This paper was presented at the <sup>59</sup>15th Annual <sup>55</sup>Conference on Nuclear Spectroscopy and the Structure of the Atomic Nucleus, held in <sup>B</sup>Minsk from 25 January to 2 February 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2239-2242

TOPIC TAGS: radioactive decay, positron, <sup>27</sup>europium, nuclear spectroscopy, gadolinium, tantalum, synchrotron, proton, isotope, gamma spectrum, scintillator

ABSTRACT: The predicted <sup>19</sup>Eu<sup>147</sup> → <sup>27</sup>Sm<sup>147</sup> decay energy implies positron emission during decay. The purpose of this paper is to establish experimentally the <sup>27</sup>Sm<sup>147</sup> level terminating the beta<sup>+</sup> decay of Eu<sup>147</sup>. The sample was obtained by repeated extraction of Eu from the Gd fraction from a tantalum target that had been irradiated with 660 Mev protons in the Dubna synchrotron and by repeated purification from gadolinium. The sample was stored for 2 months to rid it of Eu<sup>149</sup> and Eu<sup>146</sup>.

A triple-coincidence scintillator was used to measure the coincidence of the 511-511 keV gamma quanta and the quanta of the entire gamma spectrum. The construction and operation of the scintillator is described in detail

Card 1/2



L 26653-66

ACC NR: AP6017119

4

and its block diagram is shown. Two angular geometries for the orientation of the detector were used, and measurements made with these configurations are compared.

Peaks were found at 120 and 200. According to calculations, the intensities of the beta<sup>+</sup> transitions to ground state, 121, and 198 kev were 0.15 ± 0.07, 0.10 ± 0.03, and 0.13 ± 0.04% respectively, per event. Results are compared in detail with those of other authors. The schematic of Eu<sup>147</sup> to the 0, 121, and 198 levels of Sm<sup>147</sup> is shown.

The authors thank V. G. Kalinnikov and V. I. Nikitin respectively for valuable discussions and assistance in making the measurements. The authors give further thanks to N. A. Lebedev and V. A. Khalkin for preparing the Eu. Orig. art. has: 3 figures and 2 tables. [JPRS]

SUB CODE: 20 / SUEM DATE: none / ORIG REF: 006 / OTH REF: 006

Card 2/261

ACC NR: APO010750

SOURCE CODE: 001010/001010/001010

AUTHOR: Masina, A. S.; Lediko, T.; Gromov, K. Ya.; Dzhelokov, I. S.; Lebedev, N. A.;  
Korozov, V. A.; Novgorodov, A. P.

ORG: Joint Institute of Nuclear Studies (Ob'edinenyy Institut yadernykh issledovaniy); Leningrad State University (Leningradskiy gosudarstvennyy universitet)

TITLE: Decay of Pr sup 138 <sup>14</sup> This paper was given at the 14th Annual Conference on Nuclear Spectroscopy, Tbilisi, February 1964.

SOURCE: Yadernaya fizika, v. 2, no. 6, 1965, 966-973

TOPIC TAGS: radioactive decay, praseodymium, gamma spectrum, conversion electron spectrum, cerium

ABSTRACT: The  $\gamma$ -spectrum,  $\gamma\gamma$ - and  $\beta^+\gamma$  - coincidence spectra, and the conversion electron spectra of praseodymium samples obtained from Ta, Te, and Er irradiated with 660 Mev protons were measured. The relative intensities of the  $\gamma$ - transitions with energies of 303, 789, and 1047 kev, observed in the  $\gamma$ -spectrum of Pr<sup>138</sup>, were determined and tabulated. The  $\gamma\gamma$ -coincidence experiments give evidence of a cascade of transitions having the energies of 303-1047-789 kev. Measured  $\beta^+\gamma$ - coincidences did not confirm the existence of the  $\beta^+$  decay of Pr<sup>138</sup> to the 1840 kev level. The conversion electron transitions of  $303 \pm 1$  and  $789 \pm 3$  kev were investigated

Card 1/2

L 39835-66

ACC NR: AF6018850

on a lens-type beta spectrometer. The internal conversion coefficients  
 $\alpha_{K303} = 0.14 \pm 0.02$  and  $\alpha_{K769} = 3.42 \times 10^{-3}$  were determined. The first  
coefficient indicates that the 303 kev transition is type E3, while the second  
does not contradict the assumption that the 789 kev transition is purely E2.  
The quantum characteristics of the excited states of  $Ce^{138}$  are discussed.  
Orig. art. has: 3 figures and 4 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 20 / SUBM DATE: 06Mar65 / ORIG REF: 004 / OTH REF: 005

Card 2/2 *W* 5

L 28954-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AF6019088

SOURCE CODE: UR/0367/66/003/001/0008/0012

AUTHOR: Gnatovich, V.; Gromov, K.

22  
B

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

TITLE: 'Collective' levels in odd-A deformed nuclei in the rare earth region

19

SOURCE: Yadernaya fizika, v. 3, no. 1, 1966, 8-12

TOPIC TAGS: deformed nucleus, rare earth element

ABSTRACT: Experimental data on "collective" levels in odd-A deformed nuclei in the rare earth region are reviewed. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 20/ <sup>27</sup>SUBM DATE: 08May65 / ORIG REF: 011 / OTH REF: 016

Card 1/1

BLG

L 26783-66 EWT(m)

SOURCE CODE: UR/0166/65/000/006/0056/0063

ACC NR: AP6017454

AUTHOR: Abdumalikov, A. A.; Abdurazakov, A. A.; Gnatovich, V.; Gromov, K. Ya.; 60  
Dzhelepov, B. S. 8ORG: Joint Institute of Nuclear Research (Ob'yedinnyy institut yadernykh issledovaniy);  
Tashkent Polytechnic Institute (Tashkentskiy politekhnicheskiy institut)TITLE: Investigation of conversion electron spectra of the isotopes Tu sup 166,  
Yb sup 164, Tu sup 164, and Tu sup 162

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 6, 1965, 56-63

TOPIC TAGS: conversion electron spectrum, ytterbium, thulium, constant magnetic  
field, isotope, spectrographic analysis, tantalum, synchrocyclotron, gamma transition,  
radioactive decay, protonABSTRACT: The conversion electron spectra of <sup>17</sup>thulium and <sup>17</sup>ytterbium isotopes were  
investigated with a beta spectrograph and a constant magnetic field. The samples were  
obtained by irradiating a tantalum target for 1-2 hours with 660 Mev protons in the  
synchrocyclotron of the Joint Institute of Nuclear Research. Film exposure usually  
began about 3 hours after irradiation. The electron conversion lines for Tu<sup>166</sup>, Yb<sup>164</sup>,  
Tu<sup>164</sup>, and Tu<sup>162</sup> are reliably identified and the results tabulated. Accuracy of  
gamma-transition energy determinations was about 0.1%, and that of intensity deter-  
minations was about 20% for strong lines and about 40% for weak lines. Previously

Card 1/2

L 26783-66

ACC NR: AP6017454

unknown gamma transitions were found having the energies 112.8, 215.9, 228.1, 238.4, 293.2, 389.3, 496.8, 543.9 and 703.0 Kev. Results of the study are discussed in detail analyzed and compared with other published data. The decay schemes of  $Tu^{166}$  and  $Yb^{164}$  are diagrammed. The following gamma-transitions, arising during decay of  $Yb^{164}$  between the odd-odd levels of the  $Tu^{164}$  nucleus, were discovered for the first time: 37.5 (MI), 149.3, 164.5 (MI), 187.7 (MI), 190.3, 324.2, 327.3, 362.9 and 390.4 Kev. The intensities of these lines are discussed in detail, and conclusions reached are compared with those of other authors. Orig. art. has: 2 figures and 4 tables.

[JPRS]

SUB CODE: 20 / SUBM DATE: 31Jul64 / ORIG REF: 008 / OTH REF: 007

Card 2/2 CC

ACC NR: AP6030126

(N)

SOURCE CODE: UR/0120/66/000/004/0039/0041

AUTHORS: Gromov, K. Ya.; Mukhtasimov, F. N.; Umarov, G. Ya.

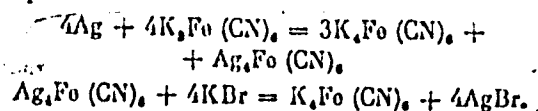
ORG: Joint Institute for Nuclear Research, Dubna (Ob'yedinonnyy institut yadornykh issledovaniy)

TITLE: A method of intensifying the images of weak lines of conversion electrons, obtained with a beta spectrograph

SOURCE: Pribery i tekhnika eksperimenta, no. 4, 1966, 39-41

TOPIC TAGS: conversion electron spectrum, spectrographic camera, beta decay, photographic processing, isotope, sulfur, silver compound

ABSTRACT: A method of intensifying the images of weak lines of conversion electrons, obtained with a beta spectrograph, is proposed. The work was done to increase the efficiency of photographic recording of electrons. The developed and dried plate with images of conversion electrons is soaked with distilled water at +22C and is immersed in a solution of  $K_3Fe(CN)_6$  (15 g), KBr (4 g), and  $H_2O$  (300 g). The following chemical reactions take place

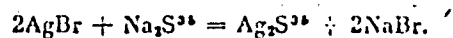


Card 1/2

UDC: 539.16

ACC NR: AP6030126

After decolorizing, the plate is washed until the yellow-green deposit disappears. It is then processed in a 0.8--0.1% solution of  $N_2S^{35}$  for 15 min. The radioactive sulfur joins the silver atoms:



The activated plate is washed in running water (for about 30 min) and dried. A fresh photographic plate is applied to the activated plate; a new, secondary image is created. The degree of intensification (attenuation) depends upon the exposure time. This method makes it possible to intensify the images of lines by a factor of at least 15. Orig. art. has: 2 formulas and 2 graphs.

SUB CODE: 20,14. SUBM DATE: 19Jul65/ ORIG REF: 003/ OTH REF: 004

Card 2/2



ACC NR: AP7011835

SOURCE CODE: UR/0367/66/004/006/1102/1107

AUTHOR: Gromov, K. Ya.; Mukhtasimov, F. N.

ORG: Joint Institute for Nuclear Research (Ob'yedinenny institut yadernykh issledovaniy)

TITLE: Decay of Ho<sup>159</sup>

SOURCE: Yadernaya fizika, v. 4, no. 6, 1966, 1102-1107

TOPIC TAGS: holmium, radioactive decay scheme, spectrograph, conversion electron spectrum

SUB CODE: 18,20

ABSTRACT: Using a  $\beta$ -spectrograph with a constant uniform magnetic field, the authors studied the spectra of conversion electrons from the decay of Ho<sup>159</sup>. The resolving power of the  $\beta$ -spectrograph was about 0.05%. The results are listed in a table. New  $\gamma$ -transitions with the energies: 31.40; 41.14; 85.70; 100.60; 105.30; 132.00; 136.50; 153.05; 185.85; 186.40; 205.90; 217.67; 258.80; 338.70; 356.40; 395.40 keV were found. The multipolarities of a number of  $\gamma$ -transitions of Ho<sup>159</sup> were determined. The decay scheme of Ho<sup>159</sup> is suggested on the

Card 1/2

0932

0132

ACC NR: AP7011835

basis of the obtained data. Orig. art. has: 1 figure, 4 formulas and  
2 tables. [Based on authors' Eng. Abst.] [JPRS: 40,423]

Card 2/2

L 45255-66 EWT(m)

ACC NR: AP6023079 (AV) SOURCE CODE: UR/0367/66/003/004/0602/0608

AUTHOR: Abdumalikov, A. A. ; Abdurazakov, A. A. ; Buribayev, S. B. ; Gromov, K. Ya. ; Lebedev, N. A.

ORG: Joint Institute of Nuclear Research (Ob'yedinenny institute yadernykh issledovaniy); Tashkent Polytechnic Institute (Tashkentskiy politechnicheskiy institut)

TITLE: Conversion electron spectra of the  $Ce^{135}$ ,  $Ce^{133}$ , and  $Ce^{132}$  isotopes

SOURCE: Yadernaya fizika, v. 3, no. 4, 1966, 602-608

TOPIC TAGS: conversion electron spectrum, nuclear energy, spectrographic analysis, radioactive decay scheme, constant magnetic field, cesium isotope

ABSTRACT: Conversion electron spectra in the decay of  $Ce^{135}$ ,  $Ce^{133}$ , and  $Ce^{132}$  isotopes in the energy region of 20—800 keV have been investigated with the aid of a  $\beta$ -spectrograph with a constant magnetic field. The following new  $\gamma$ -transitions were found in the decay of  $Ce^{135}$ : 86.80 (E2 + M1), 146.0, 200.7,

Card 1/2

50  
49  
B

19

L 45255-66

ACC NR: AP6023079

and 267.5 keV; in the decay of  $Ce^{133}$ : 87.8 (M1), 123.7, 127.8, 130.7 (M1 + E2), 137.6, 142.3, 155.5 (M1 or E1), 177.1, 178.6, 182.2 (E1 or M1 + E2), 190.1 (M1 or E1), 216.8, 251.5, 261.3, and 329.5 keV; in the decay of  $Ce^{132}$ : 76.8 (M1), 97.1 (M1) and 174.0 keV. It is assumed that 97.1 and 174.0 keV are excited in the  $^{57}La_{75}^{132}$  nucleus. A decay scheme for  $Ce^{135} \rightarrow La^{135}$  has been proposed. The authors thank I. F. Uchevatkin for valuable discussions and for making available the results of his studies on  $Ce^{135}$  prior to publication. Orig. art. has: 1 figure and 6 tables. [Based on authors' abstract] [NT]

SUB CODE: 18/ SUBM DATE: 02Jul65/ ORIG REF: 011/ OTH REF: 005/

Card 2/2 *ldh*

GROMOV, K.M.

Preliminary information on research done at the Khibiny Station  
under the program of the International Geophysical Year. Inform. sbor.  
o rab. Geog. fak. Mosk. gos un po Mezhdunar. geofiz. godu no.1:133-137  
'58. (MIRA 12:3)  
(Khibiny Mountains--Hydrometeorology--Observations)

GROMOV, K.M.

Studying soil and ground moisture conditions. Inform. sbor. o rab.  
Geog. fak. Mosk. gos un pe Mezhdunar. geofiz. godu no.1:158-185 '58.  
(MIRA 12:3)

(Soil moisture)

GROMOV, K.M.

Study of the soil moisture in the Khibiny Mountains. Trudy Khib.  
geog.sta.MGU no.1:131-163 '60. (MIRA 15:5)  
(Khibiny Mountains--Soil moisture)

GROMOV, K.M.

Basic stages in the work of the Khibiny Geographical Station  
of Moscow University, 1948-1958. Trudy Khib.geog.sta.MGU  
no.1:3-9 '60. (MIRA 15:5)  
(Khibiny Mountains--Geography)



GROMOV, I.

Labor liberated by the October Revolution. Okhr. truda i sots.  
strakh. 3 no. 10:6-9 0 '60. (MIRA 13:11)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i  
sotsial'noye strakhovaniye," Baku.  
(Baku--Railroads--Cars)

GROMOV, L.

Constructive initiative. Okhr. truda i sots. strakh. 3 no.5:18-23  
My '60. (MIRA 13:12)

1. Spetsial'nyykorrespondent zhurnala "Okhrana truda i sotsial'noye  
strakhovaniye."

(Rostov-Province---Trade unions)

(Rostov Province---Industrial hygiene)

GROMOV, L.

Miraculous alloy. Okhr. truda i sots. strakh. 3 no. 12:20-22  
D '60. (MIRA 13:12)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i  
sotsial'noye strakhovaniye."  
(Moscow--Metallurgical plants--Hygienic aspects)

GROMOV, L.; SAYENKO, K.

Lights on the Angara. Okh.truda i sots.strakh. no.1:21-29 Ja  
'60. (MIRA 13:5)

(Bratsk Hydroelectric Power Station)

GROMOV, L.A.; BARANAYEV, M.K.

Tensile strength of liquids under hydrostatic tension. Izv.  
vys. ucheb. zav.; khim. i khim. tekh. 4 no. 2:320-321 '61.  
(MIRA 14:5)

1. Voennoy akademiya khimicheskoy zashchity. Kafedra  
fizicheskoy i kolloidnoy khimii.  
(Hydrostatics)

...; ... K.

Reply to V.V. Tarasov's remarks. I.v.vys.uchebnaya; khim. i  
khim. tekhn. 4. no. 3:520 '68. (MIA 14:10)  
(Liquids)  
(Tarasov, V.V.)

MIKIRTICHEVA, Z.V., starshiy nauchnyy sotrudnik, kand.biol.nauk;  
MENZHERETSKIY, A.I., starshiy nauchnyy sotrudnik, inzh.-podpolkovnik;  
GROMOV, L.A., starshiy nauchnyy sotrudnik, kand.tekhn.nauk, inzh.-  
polkovnik; OBOTOVA, M.N., mladshiy nauchnyy sotrudnik

Dressing materials made from cotton and rayon. Tekst.prom.  
21 no.12:11-12 D '61. (MIRA 15:2)

1. Nauchno-issledovatel'skaya laboratoriya-3 Voenno-meditsinskoy  
Ordena Lenina akademii imeni S.M.Kirova.  
(BANDAGES AND BANDAGING)

ACCESSION NR: AP4014221

S/0075/64/019/002/0189/0194

AUTHORS: Gromov, L.A.; Osipov, V.A.

TITLE: Gas volumetric method for determining metallic zinc in zinc sulfide

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 2, 1964, 189-194

TOPIC TAGS: zinc, metallic zinc determination, gas volumetric analysis, zinc sulfide, quantitative analysis, Zn sup 65 labelling

ABSTRACT: A method for determining zinc metal in zinc sulfide based on measuring in a vacuum apparatus the amount of hydrogen displaced with zinc on the dissolution of the zinc sulfide in hydrochloric acid is described (fig. 1). The method was tested on metallic zinc labeled with Zn<sup>65</sup>. By this method not less than 90% of the zinc in zinc sulfide can be determined with an accuracy of  $1 \times 10^{-5}$ %. The content of zinc metal in zinc sulfide depends on preparation of the sample, i.e., on the temperature at atmospheric conditions of

Card 1/48



ACCESSION NR: AP4014221

the preliminary zinc sulfide treatment and on the time and temperature of calcining. Orig. art. has: 3 figures, 1 table and 1 equation.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensoveta (Leningrad Technological Institute)

SUBMITTED: 09Jan63

DATE ACQ: 12Mar64

ENCL: 02

SUB CODE: CH

NO REF SOV: 006

OTHER: 005

Card 2/48

GROMOV, L.I.; SAVINA, Ye.A.

Premature fetal activity as a medicobiological problem. Vest.  
AMN SSSR 19 no.6:10-18 '64. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut sudetnoy meditsiny Ministerstva  
zdravookhraneniya SSSR, Moskva.

SOV/3-59-3-8/48

22(1)

AUTHOR: Gromov, L.I., Candidate of Technical Sciences  
TITLE: Our Readers Suggest (Nashi chitateli predlagayut)  
PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 23-24 (USSR)

ABSTRACT: Students experience difficulty in comprehending certain parts of the course in descriptive geometry and drawing, and it takes some time to do the exercises on these subjects. Now that the majority of students will unite study with work, methods should be found to improve the teaching of these subjects. The author suggests that the time of lecturing be reduced and that three-dimensional models be extensively used, thereby causing a greater participation on the students' part during the lecture. Individual consultations, conducted systematically, and as a usual form of instructional work, should be introduced. They should take place in special laboratories where experienced instructors are regularly on duty. The author complains that the institute is in want of good methodo-

Card 1/2

SOV/3-59-3-8/48

Our Readers Suggest

logical material which would enable the students to do individual exercises in descriptive geometry and drawing independently. Since the curricula for the first courses contain complicated theoretical exercises, it will be necessary to establish a wide net of training-consultation points. The engineering-technical personnel of designing organizations may be enlisted to act as consultants in descriptive geometry and drawing. Under the new working conditions, instructional motion pictures must find a still wider application.

ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta (Moscow Institute of Railroad Engineers)

Card 2/2

GROMOV, L. I.

Gromov, L. I.

"Calculation of the Circular Hydro-Insulating Membrane of a Tunnel Taking into Account the Elastic Resistance of the Insulation." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst. of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955. (Dissertation for the Degree of Candidate Technical Sciences.)

Knizhnaya Letopis'; No. 27, 2 July, 1955

GROMOV, L. I. Dr.

Report on Activity of the Brain Lesenchyma under Normal and Pathological Conditions

Conference on the Physiological System of Interconnective Tissue, Kiev, Ukr. SSR,  
1-4 Dec 1940 (6th Session, 4 Dec), Publication of the Acad. Sci. USSR, Kiev, 1941, p 673

116

CA GROMOV L

Pathomorphological changes caused by the alkaloid isoscapine L. I. Gromov and N. G. Shakhnazarova (S. G. Gromovskaya) All-Union Chem.-Pharm. Inst., Moscow. *Arkh. Patol.* 13, No. 3, 83-4 (1951).—The alkaloid studied with white mice and rats causes death on intravenous injection of 50-150 mg./kg., the death onset coming from less than a min. to 3 days, depending on the dosage. Subcutaneous injection of 100-400 mg./kg. causes death in 1-7 days. Perorally 200-400 mg./kg. doses cause toxicosis within a few hrs. and death in 2-3 days. In all cases a small amt. of fluid accumulates in the abdominal cavity and hemorrhages in the liver with cirrhosis are indicated. The results are similar to those obtained by feeding heliotrope seeds to captl. animals. G. M. Kosolapoff

GROMOV, Leonid Innokent'yevich; MITYAYEVA, Nina Antonovna; PROZOROVSKIY,  
V.I., red.; ROGOV, A.A., red.; BOGACHEVA, Z.I., tekhn.red.

[Manual of histology in medical jurisprudence] Posobie po  
sudebno-meditzinskoi gistologii. Pod red. V.I. Prozorovskogo.  
Moskva, Gos. izd-vo med.lit-ry, 1958. 204 p. (MIRA 12:2)  
(HISTOLOGY--JURISPRUDENCE)



GROMOV, L.I.; SAVINA, Ye.A.

Study of sudden death. Sud.-med. ekspert. 3 no.3:7-12 J1-S '60.  
(MIRA 13:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -  
prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.  
(DEATH--CAUSES)

GROMOV, L.I.; SAVINA, Ye.A.; YAKOVLEVA, V.I.

Sudden death from hypertension (clinical and anatomic characteristics).  
Sud.-med. ekspert. 4 no.4:7-11 O-N-D '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -  
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.  
(HYPERTENSION) (DEATH-CAUSES)

PROZOROVSKIY, V.I., *zasl. deyatel' nauki, prof., otv. red.*;  
BRONNIKOVA, M.A., *prof., red.*; GROMOV, L.I., *prof., red.*;  
KANTER, E.I., *st. nauchn. sotr., red.*; KOLOSOVA, V.M.,  
*st. nauchn. sotr., red.*; KUBITSKIY, Yu.M., *prof., red.*;  
MITYAYEVA, N.A., *st. nauchn. sotr., red.*; RUBTSOV, A.F.,  
*st. nauchn. sotr., red.*; SMOL'YANINOV, V.M., *prof., red.*

[Transactions of the Fourth All-Union Conference of Forensic  
Medical Experts] Sbornik trudov chetvertoy Vsesoyuznoy kon-  
ferentsii sudebnykh medikov. Rig, M-vo zdravookhraneniia  
SSSR, 1962. 588 p. (MIRA 17:11)

1. Vsesoyuznaya konferentsiya sudebnykh medikov. 4th, 1962.
2. Nauchno-issledovatel'skiy institut sudebnoy meditsiny  
Ministerstva zdravookhraneniya SSSR (for Gromov, Bronnikova,  
Kanter, Mityayeva, Rubtsov).
3. Direktor Nauchno-issledova-  
tel'skogo instituta sudebnoy meditsiny Ministerstva zravo-  
okhraneniya SSSR (for Prozorovskiy).
4. Zamestitel' Predse-  
datelya Uchenogo meditsinskogo soveta Ministerstva zravo-  
okhraneniya RSFSR (for Smol'yaninov).

GROKOV, I.I.: 1977.00.01.1.

Effect of thyrotoxicity and paratyroidectomy on the development of the offsprings of the first, second and third generation. Biol. eksp. biol. i med. 57 no.4:101-105. Apr 1964.

(MIRA 18:3)

1. Tanatologicheskiy otdel (zav. - prof. I.I. Grokov) Instituta sudebnoy meditsiny (dir. - prof. V.I. Isakovskiy) Ministerstva zdравookhraneniya SSSR, 15 kva. Institutskiy pr. 1, 1963.

GRANOV, I.I.; BLAENTINA, G.I.

Thyroidectomy and parathyroidectomy in pregnancy, with insufficiency of these glands in their ancestors. *Bull. eksp. klin. med.* 57 no. 5: 26-29 My '64. (MIRA 1842)

1. Anatologicheskii otdel (zav. - prof. I.I. Granov) Instituta sudebny meditsiny (dir. - prof. V.I. Prosenovskiy), Ministerstva zdravokhraneniya SSSR, Moskva. Submitted April 18, 1963.

GRCMOV, L.I.; SAVINA, Ye.A.

Premature function of the fetus, its role and significance in  
biology and medicine. Biol. MOIP. Otd. biol. n9 no. 10 30-135  
S-0 '64. (MBA 17411)

GROMOV, L. I.; SAVINA, Ye. A.; FLAKUTINA, G. I.

"Vliyaniye izmeneniya endokrinnykh zhelez na razvitiye potomstva i IV pokoleniy."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

GROMOV, I.I., kand. tekhn. nauk; NIKOLAYEV, V.I., kand. tekhn. nauk;  
KHRAPOV, V.G., kand. tekhn. nauk

Crack resistance of concrete. Trudy MIIT no.191:144-151. '64.  
(MIRA 18:6)



FRIZHNYARDOVA, Klavdiya Ivanovna, GRIGOROV, Isidor red.

[Cytology of the secretion of the breast under normal conditions and in some diseases] Cytologiya sekretov molochnoi zhelezy v norme i pri nekotorykh zabolevaniyakh. Moskva, Meditsina, 1965.

GROMOV, L.I.; SAVINA, Ye.A.; YAKOVLEVA, V.I.

Morphological changes in hypertension terminating suddenly  
with acute cardiovascular insufficiency. Sud.-med. ekspert.  
no.4:3-9 O-D '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut sudobnoy meditsiny  
(direktor - prof. V.I.Prozorovski) Ministerstva zdravookhraneniya  
SSSR, Moskva. Submitted December 2, 1963.

GROMOV, L. K.

GROMOV, L. K. -- "The Operation of the Rubble-Ballast Layer of a Railroad Line under a Moving Load." *Min Railways*. Novosibirsk, 1954. (Dissertation for the Degree of Candidate in Technical Sciences).

So: *Knizhnaya letopis'*, No 8, 1956, pp 97-103

GROMOV, L.K., inzhener, Novosibirsk.

Some measures for improving the superstructure. Zhel.dor.transp.  
37 no.10:45-46 O '55. (MIRA 9:1)

(Railroads--Track)

GROMOV, L.K. Inzhener (g. Novosibirsk)

Shortcomings in designing crushed-rock road beds. Zhel. dor.  
transp. 38 no.8:63-66 Ag '56. (MLRA 9:10)

(Railroads--Track)

ALEKSANDROV, A.Ya.,prof.: GROMOV, L.K.,assistant

Friction action in a railroad track base. Trudy NIIZHT no.14:151-  
153 '58. (MIRA 12:1)

1. Novosibirskiy institut inzhenerov zheleznodorozhnogo transporta.  
(Railroads--Track)

DANOVSKIY, L.M., dots, kand. tekhn. nauk; GROMOV, L.K., kand. tekhn. nauk;  
KONDAKOV, N.P., dots.; MIROSHIN, P.V., dots.; PECHUGIN, D.A., dots.;  
ANTONOV, Yu.A., inzh. (Novosibirsk)

What investigations and experience tell us. Put' i put. khes. no.3:  
10-12 Mr '59. (MIRA 12:6)

(Railroads--Track)

GROMOV, L.K., kand.tekhn.nauk; KONDAKOV, N.P., dots.; PECHUGIN, D.A.,  
dots. (Novosibirsk)

Mechanizing operations in major track overhauling. Put' 1 put.  
khoz. 4 no.3:22 Mr '60. (MIRA 13:5)  
(Railroads--Maintenance and repair)



DANOVSKIY, L.M., kand.tekhn.nauk; KOTYUKOV, I.A., kand.tekhn.nauk;  
KONDAKOV, N.P., kand.tekhn.nauk; SHATALIN, I.I., kand.  
tekhn.nauk; GROMOV, L.K., kand.tekhn.nauk; PECHUGIN, D.A.,  
dots.; MIROSHIN, P.V., dots.; SHCHEPOTIN, K.I., assistant  
(Novosibirsk)

New textbook on tracks ("Tracks" by G.Al'brekht and others.  
Reviewed by L.M.Danovskii and others). Put' put.khoz.  
4 no.4:45-47 Ap '60. (MIRA 13:7)

1. Sotrudniki kafedry "Put' i putevoye khozyaystvo"  
Nauchno-issledovatel'skogo instituta inzhenerov.  
(Railroads--Track) (Al'brekht, G.) (Liders, G.V.)  
(Nikiforov, P.A.) (Chlenov, M.T.) (Chernyshev, M.A.)

DANOVSKIY, Leonid Mechislavovich, dots., kand. tekhn. nauk; GROMOV,  
L.K., kand. tekhn. nauk, dotsent; ANTONOV, Yu.A., dots.; MIL'CHAKOV,  
K.V., inzh.; KOTYUKOV, I.A., kand. tekhn. nauk, dotsent; CHASHCHIN,  
N.P., inzh.; MIROSHIN, P.V., dotsent; INOZEMTSEV, A.A., inzh.; FE-  
CHIGIN, D.A., dotsent; KOVALEV, N.F., inzh.; SINKIN, P.A., inzh.;  
POTOTSKIY, G.I., inzh., red.; USENKO, L.A., tekhn. red.

[Track work in sections with heavy freight traffic; from the  
experience of the Omsk and Tomsk Railroads] Putevye raboty na gru-  
zonapriazhennykh uchastkakh; iz opyta Omskoi i Tomskoi dorog. Mo-  
skva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobshche-  
niia, 1961. 102 p. (MIRA 14:7)

(Railroads—Maintenance and repair) (Railroads—Freight)

KONDAKOV, N.P., kand.tekhn.nauk (g.Novosibirsk); GROMOV, L.K., kand.tekhn.  
nauk (g.Novosibirsk)

Tonnage norms for periods between track repairs. Put! i put. khoz.  
5 no. 1:34-35 Ja '61. (MIRA 14:5)  
(Railroads—Management)

GROMOV, L.K., kand. tekhn. nauk, dotsent

Role of the ballast bed and required characteristics of ballast materials. Trudy NIIZHT no.31:110-124 '62. (MIRA 16:9)  
(Ballast (Railroads))

GROMOV, L.K., dotsent, kand.tekhn.nauk (Novosibirsk)

Prospects of the use of asbestos ballast. Put' i put.khoz. 6  
no.3:3-5 Mr '62. (MIRA 15:3)  
(Ballast (Railroads)) (Asbestos)

GROMOV, L. K., dotsent (Novosibirsk); PECHUGIN, D. A., dotsent  
(Novosibirsk)

Organization of work on tracks with asbestos ballast. Put' i  
put. khoz. 6 no.10:22-26 '62. (MIRA 15:10)

1. Novosibirskiy institut inzhenerov zheleznodorozhnogo  
transporta.

(Railroads--Maintenance and repair)  
(Ballast(Railroads))

GROMOV, L.K., dotsent (Novosibirsk); KONDAKOV, N.P., dotsent (Novosibirsk)

Asbestos ballast instead of the combined type. Put' i put.  
khoz. 7 no.5:15-17 '63. (MIRA 16:7)

1. Novosibirskiy institut inzhenerov zheleznodorozhnogo  
transporta.  
(Ballast (Railroads)) (Asbestos)

GROMOV, I.K., kand.tekhn.nauk, dotsent; KORBANOV, I.P., kand.tekhn.nauk,  
dotsent

Efficiency of a crushed stone ballast section in heavy traffic sectors.  
Trudy NAZHT no.31:87-107 '62. (MIRA 16:9)  
(Ballast (Railroads))



PARSONS, L.K., known. 12th. read: 10/10/10, D.F., 10/10/10, 10/10/10,  
10/10/10.

Expand the practice of important experiments. but 10/10/10. know.  
9 no.9.16-17 '65. (10/10/10)

GROMOV, L. V. Cand Geolog-Mineralog Sci.

Dissertation: "Geological Structure and Minerals of the Wrangel Island." All-Union  
Sci. Res. Inst. of Mineral Raw Materials. 26 Feb 47.

SO: Vechernyaya Moskva, Feb, 1947 (Project #17830)

1. GROMOV, L. [V.]
2. USSR (600)
4. Eskimos
7. Beyond the sixty-ninth parallel ("Arctic Circle." Reviewed by L. Gromov).  
Vokrug sveta No. 10, 1952.

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

GROMOV, L. V.,

"Traces of an Ancient Settlement of Wrangel Island," *Chronicles of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North* v. 2, Moscow, Geografiz, 1957. 279 p. (Akademiya Nauk SSSR. Kommissiya po problemam Severa).

Editorial Board: Andreyev, A. I., Belov, M. I., Burkhanov, V. F., Yefimov, A. V. (Resp. Ed.), Chernenko, M. B. (Deputy Resp. Ed.) and Sheherbakov, D. I.; Ed.: Vorontsova, A. I.; Tech. Ed.: Kosheleva, S. M.; Map. Ed.: Mal'chevskiy, G. N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the Soviet North. A small part of the book is devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and economy of the Soviet North through a historical survey of these factors. A large number of authors explorers, scientists, travelers, pilots, navigators, etc. are cited.

GRONOV, L.V.

Traces of an ancient settlement on Wrangel Island. Let. Sev. 2:155-  
156 '57. (MIRA 10:12)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR.  
(Wrangel Island--Antiquities)

GLAZKOV, Mikhail Mikhaylovich; GROMOV, L.V., red.; VINOGRADOVA, N.M.,  
red.izd-va; YERMAKOVA, T.T., tekhn.red.

[The Yenisey, the great Siberian river] Enisei - velikaia  
sibirskais reka. Moskva, Izd-vo "Rechnoi transport," 1959.  
216 p. (MIRA 12:2)

(Yenisey Valley--Description and travel)

GROMOV, Leonid Vasil'yevich; KUZ'MINA, N.G., red.; KONOVALYUK, I.K.,  
mladshiy red.; VIL'INSKAYA, E.N., tekhn.red.

[Fragment of ancient Beringiya] Oskolok drevnei Beringii.  
Moskva, Gos.izd-vo geogr.lit-ry. 1960. 95 p. (MIRA 13:5)  
(Wrangell Island)

GROMOV, Leonid Vasil'yevich; KUZ'MINA, N.G., red.; KONOVALYUK, I.K.,  
mladshiy red.; VILENSKAYA, E.N., tekhn. red.

[A fragment of ancient Beringia] Oskolok drevnei Beringii. Mo-  
skva, Gos. izd-vo geogr. lit-ry, 1960. 95 p. (MIRA 14:10)  
(Wrangel Island—Discovery and exploration)  
(Wrangel Island—Economic geography)



GROMOV, Leonid Vasil'yevich; GUSSAKOVSKAYA, O.N., red.; FEDOROVA, V.V.,  
tekh. red.

[Wrangel Island; popular science study] Ostrov Vrangelia; nauchno-  
populiarnyi ocherk. Magadan, Magadanskoe knizhnoe izd-vo, 1961.  
(MIRA 14:11)

94 p.

(Wrangel Island—Discovery and exploration)  
(Wrangel Island—Economic geography)

LIKHANOV, B.N.; KHAUSTOVA, M.N.; YEROKHINA, A.A.; MARKOV, F.G.; SPIZHARSKIY, T.N.; DODIN, A.L.; KHIL'TOVA, V.Ya.; CHEREPNIN, L.M.; GROMOV, L.V., kand. geol.-mineral. nauk; SHCHERBACHEV, V.D.; SHUTYY, M.Ye.; NEMCHINOV, V.S., akad. red.; NEKRASOV, N.N., red.; PUSTOVALOV, L.V., red.; ZUBKOV, A.I., kand. ekon. nauk, red.; KAVUN, T.K., red. izd-va; SUSHKOVA, L.A., tekhn. red.

[Natural conditions of Krasnoyarsk Territory] Prirodnye uslovia Krasnoyarskogo kraia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 248 p.

(MIRA 14:7)

1. Krasnoyarskaya kompleksnaya ekspeditsiya. 2. Institut geografii AN SSSR (for Likhanov, Khaustova). 3. Pochvennyy institut im. V.V. Dokuchaeva AN SSSR (for Yerokhina). 4. Nauchno-issledovatel'skiy institut geologii Arktiki Ministerstva geologii i okhrany neдр SSSR (for Markov). 5. Vsesoyuznyy geologicheskii institut Ministerstva geologii i okhrany neдр SSSR (for Spizharskiy, Dodin). 6. Laboratoriya geologii dokembriya AN SSSR (for Khil'tova). 7. Krasnoyarskiy pedagogicheskii institut Ministerstva prosveshcheniya RSFSR (for Cherepnin). 8. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume AN SSSR (for Gromov, Likharov, Khaustova, Yerokhina, Shcherbachev, Shutyy). 9. Chlen-korrespondent AN SSSR (for Nekrasov, Pustovalov)

(Krasnoyarsk Territory-- Natural history)

GROMOV, L.V.

Chalcedonies of northern Europe, Siberia, and the Far East and  
their prospective utilization. Probl. Sev. no.4:145-150 '61.  
(MIRA 15:1)

(Chalcedony)

GROMOV, L.V., kand. geol.-min. nauk, otv. red.; NEMCHINOV, V.S.,  
akademik, red.; NEKRASOV, N.N., red.; FUSTOVALOV, L.V.,  
red.; ZUBKOV, A.I., kand. ekon. nauk, red.; DASHEVSKIY, V.V.,  
red. izd-va; ASTAF'YEVA, G.A., tekhn. red.

[Minerals of Krasnoyarsk Territory; coals, iron, and non-  
metalliferous minerals] Poleznye iskopaemye Krasnoyarskogo  
kraia; ugli, zhelezo, nerudnoe syr'ye. Moskva, Izd-vo Akad.  
nauk SSSR, 1962. 205 p. (MIRA 15:10)

1. Krasnoyarskaya kompleksnaya ekspeditsiya. 2. Chlen-  
korrespondent Akademii nauk SSSR (for Nekrasov, Iustovalov).
3. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume  
Akademii nauk SSSR (for Gromov).  
(Krasnoyarsk Territory—Mines and minerals resources)

GROMOV, M., kand. tekhn. nauk

Metal age. Znan.sila 34 no.2:2-3 P '59.  
(Metallurgy)

(MIRA 12:3)

GROMOV, M.

Factory sanatorium. Okhr. truda i sots. strakh. no.1:18-20 J1 '58.  
(MIRA 11:12)

1. Spetsial'nyy korrespondent zhurnala "Okharana truda i sotsial'noye strakhovaniye."  
(Novo-Kramatorsk--Industrial medicine)

GROMOV, M.

How to reduce steam moisture. Obshchestv. pit. no.9:52 S '58.  
(MIRA 11:10)

1. Starshiy inzhener teplovoy laboratorii Tsentral'nogo kon-  
struktorskogo byuro trgovogo mashinostroyeniya.  
(Steam)

GROMOV, M., inzh. teplovy laboratorii; TSVETKOVA, A., inzh. teplovy laboratorii

Selecting diameter of the nozzle of a gas burner. Obshchestv. pit. no.9:53 S '58. (MIRA 11:10)

1. Tsentral'noye konstruktorskoye byuro torgovogo mashinostroyeniya. (Gas burners)



"APPROVED FOR RELEASE: Thursday, July 27, 2000      CIA-RDP86-00513R00051702

VYSHELESSKIY, A., prof., doktor tekhn.nauk; GROMOV, M., inzh.-mekhanik

Using liquefied gas. Obshchestv. pit. no.11:50-52 N '58.

(Gases, Compressed)

(MIRA 11:12)

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GROMOV, M.

Determining the heating surface of a steam-operated water heater.  
Obshchestv. pit. no. 4:44-45 Ap '59. (MIRA 12:6)

1. Rukovoditel' gruppy teplovey laboratorii Tsentral'nogo konstruktor-  
skogo byuro torgovogo mashinostroyeniya.  
(Water heaters)

VYSHELESSKIY, A., prof., doktor tekhn.nauk; GORDON, L., dots., kand.tekhn.  
nauk; GROMOV, M., inzh.-mekhanik

Automatic safety device for gas appliances. Obshchestv.pit.  
no.1:46-48 Ja '60. (MIRA 13:5)  
(Gas appliances)

VOLKOV, V., kand. tekhn. nauk; GROMOV, M.

Advantages of the operation of suction dredges by the fixed-spud method. Rech. transp. 24 no.7:35-36 '65.

(MIRA 18:8)

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for Volkov). 2. Volzhskoye basseynovoye upravleniye puti (for Gromov).

BOYTSOV, G., inzh.; VLADIMIROV, N., inzh.; GROMOV, M., inzh.

Thorough study of piloting. Rech. transp. 21 no. 5:48-49 My  
'62. (MIRA 15:5)

(Pilots and pilotage)

GROMOV, M.

Halfway around the world. p. 8.  
(SKRZYDLATA POLSKA. Vol. 12, no. 38, Sept. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

Громов, М.А.

SOV/2156

PHASE I BOOK EXPLOITATION

28(1)

Sovetskaniye po kompleksnoy mekhanizatsii i avtomatizatsii tekhnologicheskikh protsessov. 2nd, 1956.

Avtomatizatsiya mashinostroitel'nykh protsessov /trudy soveshchaniya/ konf. A. I. Pribluchaya obrabotka metallov (Automation of Machine Building Processes; Proceedings of the Conference on Over-All Mechanization and Automation of Technological Processes, Vol. 1: Hot Metal-Forming) Moscow, 1959. 394 p. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Komitetsiya po tekhnologii mashinostroyeniya.

Resp. Ed.: V.I. Dikushin, Academician; Compiler: V.M. Mashkov; Ed. of Publishing House: Y.A. Kostov; Tech. Ed.: I.P. Kus'min.

PURPOSE: The book is intended for mechanical engineers and metallurgists.

COVERAGE: The transactions of the Second Conference on the Over-All Mechanization and Automation of Industrial Processes, September 25-29, 1956, have been published in three volumes. This book, Vol. 1, contains articles under the general title, Hot Working of Metals. The investigations described in the book were conducted by the Section for Automation and Hot Working of Metals, under the direction of the following scientists: casting - A.I. Tselikov, P.M. Maslov, D.P. Ivanov and G.M. Orlov; forming - A.I. Tselikov, A.Y. Prolov and G.A. Maslov. There are 103 references: 42 Soviet, 32 English, 6 German, and 1 French.

TABLE OF CONTENTS:

Balkovets, D.S. and P.L. Chuloshnikov. Automatic Process Control in Contact Welding	266
Gromov, M.A. Development of Automatic Welding Equipment	276
Nikolayev, G.A. Studies at the MVU in Samara (Moscow Higher Technical School in. Bauman) on Automation of Welding Processes	280
Kaprizhat, G.M., I.Ya. Rabinovich, Ye. I. Slisubshkin, and V.M. Shchitova. New Systems for Automating Welding Equipment	290
Verchenko, V.R. Automation of Arc Welding in a Protective Gas Medium	322
Prulin, I.I. Automatic Weld Seam of Wear-Resistant Alloys	330
Rabkin, D.M. Automatic Welding of Articles from Aluminum and Aluminum Alloys	348
Kochanovskiy, M.Ya. Work of the All-Union Scientific Research Institute of Electric Welding Equipment on Mechanization and Automation of Welding Processes	361
Lyubavskiy, E.Y., L.M. Yarovinskiy, I.L. Brinberg, and I.M. Maslov. Mechanization and Automation of Welding Processes in Heavy Machine Building	371
Semenov, A.P. Seizing of Metals and Utilization of this Phenomenon	385
Aybiner, S.B. Cold Welding of Metals	

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9/13/59

Card 8/8

AUTHOR: Gromov, M.A., Engineer

001/135-58-12-13/20

TITLE: Control of the Quality of Weld Joints by Means of an Electronic-Optical Converter (Kontrol' kachestva svarnykh soyedineniy elektronno-opticheskim preobrazovatelem)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 12, pp 35-36 (USSR)

ABSTRACT: Information is given on electronic-optical converters combined with X-ray apparatus for controlling the quality of weld joints, which are now being used in foreign welding practice. Mass production of such devices and of electric vacuum tubes by the Moscow sovmarkhoz is suggested for the purpose of introducing electronic-optical control of weld joints into the Soviet industry. There is 1 diagram and 4 English references.

Card 1/1



GROTCOV, M.A., inzh.

Portable welding transformer of a lighter design Rationalizatsia  
no.12:23 '62.

0/145/62/000/006/010/014  
006/0106

AUTHOR: Grolov, M. A., Engineer

TITLE: New welding-arc power sources

PERIODICAL: Svarachnoye proizvodstvo, no. 6, 1968, 20-22

TEXT: The following new welding-arc power sources will be produced in series in the near future: the portable welding transformer ТСП-1 (ТБП-1) developed by VNIIEBO, intended for one-position arc welding in assembly and repair work with 4 - 5 mm electrodes; multi-purpose welding transformer ПСУ-500 (ПСУ-500) intended for automatic and semi-automatic submerged arc-welding, welding in a gas shield with consumable electrode and for manual welding with an open arc. The silicon-semiconductor welding rectifiers ВКС-120 (ВКС-120) and ВКС-300 (ВКС-300) are one-position d-c power sources for arc welding; they are portable generators with three-phase power supply. The portable АСБ-120 (АСБ-120) welding unit will be used under field conditions and when electric power supply for the driving engine is not available. The unit can be employed for welding with bare or coated electrodes. There are 3 tables and 5 figures.

Card 1/1

GROMOV, M.A., inzh.

New sources of current for an electric arc. Svar. proizv. no.6:30-32  
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(Electric welding--Equipment and supplies)

GROMOV, M. A., inzh.

Single-post, TSK-type welding transformers with compensating  
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(Electric welding—Equipment and supplies)

VYSHELESSKIY, A.N.; GROMOV, M.A.

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GROMOV, M.A.; KIRILLOV, A.Ya.; LIFSHITS, N.I.; MITROPOL'SKIY, A.V.;  
RAYSKIY, I.D.; SMIRNOV, V.B.; FAYVUSOVICH, A.Kh.; FEDOROVA, I.Yu.;  
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"Problems of literary creativity in a course on psychology" by  
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(Creation (Literary, artistic, etc.))  
(Strakhov, I.V.)

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GROMOV, M.G.

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a moving ship." *Rech.transp.* 15 no.8:17-18 Ag '56. (MLRA 9:11)

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(Sutyurin, M.A.)

GEOMOV, MIKHAIL IVANOVICH

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