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THE REPORT OF THE PARTY I LEADER BEAMER AND THE

Improvement of the Melting Technology of Resistance Alloys in Electric Furnaces ASSOCIATION: Zavod "Elektrostal'" im. I.F. Tevosyana ("Elektrostal'" Works imeni I.F. Tevosyan) Card 4/4 1. Corrosion resistant alloys--Production 2. Industrial production--USSR 3. Electric furnaces--Applications ()

- P. M. MARELEN AND REAL PROPERTY AND AND A DESCRIPTION OF A DESCRIPTION O LEYZEROVA, M.M. 137-1958-3-5049 Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 84 (USSR) **AUTHORS:** Leyzerova, M. M., Naysh, B. N. TITLE: Electric Heating of Valve Stock Replaces Heating in Flame Furnaces (Elektronagrev zagotovok klapanov vzamen nagreva v plamennykh pechakh) PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 8, pp 19-23 ABSTRACT: A description of a process in which valve stock, made of Kh9S2 steel, is heated by inductive methods in a standard KIN-20 forge heater. The flame-heated forgings have a medium-acicular martensite structure with an R_c of 52-55, whereas inductionheated forgings have a fine-acicular martensite structure with an R_c of 56-58. The introduction of the induction-heating method produced a 25 percent increase in the production, increased the durability of the dies by 17 percent, effected a 5 percent saving of metal, and reduced the total cost of heating the stock by 31 percent. Experiments were carried out in which the heating of stock for tempering purposes was combined with heating operations intended to prepare the metal for die forging. The mechani-Card 1/2cal properties of metal treated in this fashion are comparable to

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000929810 I37-1958-3-5049 Electric Heating of Valve Stock Replaces Heating in Flame Furnaces those of metal treated in the standard manner, whereas the strength characteristics are even somewhat higher. Sorbitic structure is observed in both cases. In the future separate heating operations for tempering may be eliminated. I.G. Card 2/2

Franslation	from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 281 (USSR)	
AUTHORS:	Naysh, B. N., Leyzerova, M. M.	
TITLE:	HF Induction Heating Replaces Flame Furnaces in the Manufacture of Valve Stampings (Perevod shtampovki klapanov s nagreva v plamen- nykh pechakh na elektronagrev)	
PERIODICAI	L: V sb.: Chelyabinsk, kuznetsy v bor'be za tekhn, progress. Chelyabinsk, 1958, pp 57-73	ł
	The introduction of an HF induction heating (H) installation at the plant made it possible to: a) Obtain a homogeneous structure of the blanks; b) perform H without scaling, which increased the durability of the dies and resulted in a monthly economy of $\sim 1700 \text{ kg of metal}$; c) increase the hardness of the valve after stamping in conjunction with HF-induction H, thus eliminating an additional operation of heat-	
	Ye.L.	
Card 1/1		

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방송) 원학 방송을 통해 유민이 있는 것이 있다.

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THE ARREST OF STREET AND A COMPANY AND A

sov/137-59-5-11413 Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 276 (USSR) Leyzerova, M.M. 18 AUTHOR: The Development in the Use of Induction Heating TITLE: Tekhn,-ekon. byul. Sovnarkhoz. Chelyab. ekon. adm. r-na, 1958, PERIODICAL: Nr 7, pp 51 - 52 Information is given on the extended use of induction heating ABSTRACT: at the Chelyabinsk Tractor Plant. Induction heating is used for high-frequency/current quench hardening (instead of car-burizing) of "45" steel qamshafts. Methods were developed for two-side high-frequency, current quench hardening of track link bushings made of "65 G" steel. Original inductor designs were developed for quench hardening parts of complicated configuration. Power frequency currents are used in induction heating for forging and stamping blanks of > 150 mm in diameter. For blanks of Card 1/2







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LE YZEROVICH, G.Ta., kand.tekhn.nauk. Furnaces and reactors based on roasting in a fluidized bed. TSvet.met. 28 no.2:71-77 Mr-Ap '55. (MIRA 10:10) (Furnaces, Heat-treating) (Fluidization)

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137-58-4-6435

Results of Large-scale Laboratory Investigations (cont.)

tration, it was established that the process proceeds without any complications whatever, and the resultant gas has a high SO₂ content (10-14 percent). Experiments in FluoSolid roasting in converter matte (75.37 percent Ni and 20.0 percent S, size: 27 percent-200 mesh) revealed an increase in the viscosity of the FluoSolid layer and the sintering of the pyrite cinders within 3-3.5 hour. The S content of the pyrite cinders fluctuated between 2.65 and 10 percent The SO₂ content of the gases was appx. 5 percent. The experiments established that sulfating FluoSolid roasting of rich Pb concentrates, with attainment of 67.5 percent sulfating, is possible. Roasting of Co concentrate of the following percent composition: Ge 0.56, Ni 0.12, Fe 36.0, and 38.5, was conducted with the object of transforming the Co into a water-soluble sulfate for subsequent aqueous leaching. The experiments showed the best results in the leaching of Co (better by 10/15 percent) and in the unit productivity per hearth area (>29 times 1490 kg instead of 51 kg).

1. Minerals--Roasting processes

Card 2/2

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	III TEREFERENCE AND
LEILER	ROVICH, G. TH. 136-9-4/14
AUTHOR	RS: Leyzerovich, G. Ya., Lonskiy, I. S. and Charnyy, V. 2.
TITLE	
PERIOI	DICAL: Tsvetnyye Metally, 1957, No.9, pp. 19-25 (USSR).
	ACT: The authors discuss work on fluidized bed sulphatizing roasting of sulphide minerals in various countries. They give details of investigations by the Gintsvetmet organization. They show the apparatus used (Figs. 2 and 3) and give results obtained with copper (34% Cu, 15.1% S, 7.23% Fe, 3.73% Al ₂ O ₂ , 0.69% MgO, 1.54% CaO, 2.09% Zn, 2.39% Pb, 23.06% SiO ₂ , 0.6 g/ton Au and 180 g/ton Ag) and copper-zinc (8.87% Cu, 9.4% Zn, 24.44% Fe and 38.33% S) concentrates. High degrees of sulphatization of copper and zinc in both these materials were obtained by fluidized-bed roasting, in agreement with experimental and full-scale work abroad. The enlarged laboratory-scale
Card I ASSO	apparatus developed was found to be suitable for studying the process for various materials and on the basis of the results obtained the authors recommend the wide use of fluidized bed roasting in Soviet industry.

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AZOS, S.; AREF'YEV, A.; ARTAMONOV, I.; BABINA, I.; BEREGOVSKIY, V.; BLOZHKO, V.; BRAVERMAN, A.; BYKHOVSKIY, Yu.; VINOGRADOVA, M.; GALANKINA, Ye.: GIL'DENGERSH, F.; GLOBA, T.; GREIVER, N.; GORDON, G.; GUL'DIN, I.; GULIAYEVA, Ye.; GUSHCHINA, I.; DAVYDOVSKAYA, Ye.; DAMSKAYA, G.; DERKACHEV, D.; YEVDOKIMOVA, A.; YEGUNOV, V.; ZABELYSHINSKIY, I.; ZAYDENBERG, B.; AZMOSHNIKOV, I.; ITKINA, S.; KARCHEVSKIY, V.; KLUSHIN, D.; KUVINOV, Ye.; KUZNETSOVA, G.; KURSHAKOV, I.; LAKERNIK, M.; LHYZEROVICH, G.; LISOVSKIY, D.; LOSKUTOV, F .; MALEVSKIY, Yu.; MASLYANITSKIY, I.; MAYANTS, A.; MILLER, L.; MITROFANOV, S.; MIKHAYLOV, A.; MYAKINENKOV, I.; NIKITINA, I.; NOVIN, R.; OGNEV, D.; OL'KHOV, N.; OSIPOVA, T.; OSTRONOV, M.; PAKHOMOVA, G.; PETKER, S.; PLAKSIN, I.; PLETENEVA, N.; POPOV, V.; FRESS, Yu.; PROKOF'YEVA, Ye.; PUCHKOV, S.; REZKOVA, F.; RUMYANTSEV, M.; SAKHAROV, I.; SOBOL', S.; SPIVAKOV, Ya.; STRIGIN, I.; SPIRIDONOVA, V.; TIMKO, Ya.; TITOV, S.; TROITSKIY, A.; TOLOKONNIKOV, K.; TROFIMOVA, A.; FEDOROV, V.; CHIZHIKOV, D.; SHEYN, Ya.; YUKHTANOV, D. Roman Lazarevich Veller; an obituary. TSvet. met. 31 no.5:78-79 Hy 58. (MIRA 11:6) (Veller, Roman Lazarevich, 1897-1958) A STATE OF STATE

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INEX EXPLOSE

<pre>makes it possible to utilize the remainder for blast furnace smelting: The SO2 concentration in the relating gases makes possible their utilization in H₂SO₁₄ production. [Abstracter's note: Complete translation] Card 2/2</pre>	Sulfation roast	ing of pyrite-cobalt con	centrate	s/137/62/0 A060/A101	00/001/026/237	
	concentration 1 production.	n: theyroasting gases: make not to the strong strong of the strong of the strong strong stron	es possible th	ieir utilizat:	ion in H ₂ SU4	2
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ZAK, M.S., inzh.; LEYZEROVICH, G.Ya., kand.tekhn.nauk; GEL'PERIN, N.I., doktor tekhn.nauk, prof. Study of a cold model of a double-chamber reactor for roasting in a fluidized bed. Khim.mashinostr. no.3:8-12 My-Je '63. (MIRA 16:11)


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制制 化和生物学 的内涵

YUSIM, F.M. [IUsym, F.M.]; LEYZEROVICH; M.Ya.; CHUMAK, V.S.; BRENER, L.G., [Brener, L.H.] Proposals of the efficiency premoters of the Odessa Shoe Factory No.2. Leh.prom. no.3:59-61 Je - Ag '62. (MIRA 16: (Odessa-Shoe manufacture-Technological innovations) (MIRA 16:2) á th

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LEYZERO	VIC	CH. Sh.L.	
Subject		AID P - 3509 USSR/Power Eng	
Card 1/1	Pu	ab. 26 - 3/30	
Author	:	Leyzerovich, Sh. L., Eng.	
Title	:	On lengthening the between-repairs period of steam turbine operation	
Periodical	:	Elek sta., 9, 8-11, S 1955	
Abstract	•	The article discusses the possibility of operating turbines for longer periods of time between overhaul periods, and even between small-repairs. The first period is extended to 2 years. A table shows the number of hours turbines stood idle in 1953 and 1954 and also the type of repair work performed.	
Institution	:	None	
Submitted	:	No date	



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14(6)	S0V/91-59-5-9/27	
AUTHOR:	Leyzerovich, Sh.L., Engineer	
TITLE:	Change of Structure of the Fastening of the Encase- ment of the Front Sealing of High Pressure Cylinder Turbines (Izmeneniye konstruktsii krepleniya kamina perednego uplotneniya Ts.V.D. turbin)	
PERIODCIAL:	Energetik, 1959, Nr 5, pp 19-21 (USSR)	
ABSTRACT: Card 1/2	When a high-pressure VK-100_2 turbine was down for overhaul, it was found that the membrane of the whole elastic ring (Figure 2), connecting the front part of the cylinder with the encasement of the front sealing, had numerous cracks and had to be replaced, since all attempts to have it welded failed. There being no spare ring, it was decided to change the structure of fastening of the en- casement of the front sealing and have the elastic ring replaced by a rigid ring. The results proved to be good and another similar turbine was subjec-	

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۳., SOV/91-59-10-5/29 · 8(6), 14(6) Leyzerovich Sh.L., and Mart'yanov V.M., Engineers AUTHORS: Reconstruction of Turbine Condenser TITLE: PERIODICAL: Energetik, 1959, Nr. 10, pp 13-14, (USSR) A condensation turbine of the firm Esher-Viss, 5000 kw capacity, 1500 r.p.m., 12 atm. pressure at 320° was in-ABSTRACT: stalled at an electric power station. The turbine condenser is of a four-stroke type; condenser pipes 25/23 mh in diameter pass through the openings of 25.5 mm in diameter made in the pipe boards, and are packed at each end by two rubber rings (Fig. 1). During the last two and a half years, the turbine was not used. In 1959, it was necessary to put the turbine into operation. Inspection of the turbine condenser disclosed that the rubber gaskets had become dry and broken, while in the conden-ser pipes under the gaskets, openings of 2-3 mm in dia-meter were formed. Otherwise, the pipes between the boards remained in a good condition. Taking into consideration the absence of spare condenser pipes at the electric power station in question, it was decided to Card 1/2- 1

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SOV, 91-59-10-5/29

Reconstruction of Turbine Condenser

shorten the condenser body by 60-65 mm, to utilize the existing pipes, and to supersede the gaskets by rolling the pipes on both sides. For this purpose, both water chambers were disconnected and dismantled from the condenser body. The openings in the boards were cleaned from the rubber rests by using a home-made pipe-shaped milling cutter (Fig. 2), and a reversible pneumatic drilling machine I-118 manufactured at the Sverdlovsk Plant imeni Ordzhonikidze. After cleaning of the openings, the pipes were removed from the condenser. The openings were increased from 25.5 to 30.5 mm in diameter (Fig. 3). In the power house workshop, the required number of bushings was made; they were then pressed by means of special device (Fig. 4) into the openings in the pipe boards. The cutting of condenser pipe ends was performed by a discsaw; the rolling of pipes was done by mechanical rollers and the reversible drilling machine I-118. There are 6 diagrams.

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LEYZEROVSKAYA, E.G., kand.med.nauk Significance of the bronchoscopic method in hemoptysis. Sov.med. 24 no.3:42-52 Mr '60. (MIRA 14:3) 1. Iz kafedry fakul'tetskoy terapii (zav. - deystvitel'nyy ohlen AMN SSSR prof. V.N.vinogradov) loehebnogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova. (HEXPURHHACE) (BRONCHOSCOPY)

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NEPORENT, M.I.; LEYZEROVSKAYA, E.G.

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Some characteristics of the clinicoroentgenological picture of suppurative processes in the bronchi of patients treated with antibiotics. Sov. med. 28 no.4:38-42 Ap '64. (MIRA 17:12)

1. Fakul'tetskaya terapevticheskaya klinika (direktor - prof. V.N. Vinogradov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

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LEYZERUKOV, M.A. Morphology of age-related changes in human testes. Urologiia (MIRA 19:1) no.4:34-37 164. 1. Urologicheskoya otdelenive (zav. M.A. Leyzerukov, nauchnyy rukovoditel' - prof. L.I. Dunayevskiy) 53-y gorodskoy bol'nitsy, Moskva. 1 0.00 000-00 然是自然的思想。

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· 公司 代表 (ACORDERADA DATA PARA PARA ZERZON, M.S 109-8-14/17 AUTHOR: Leyzerzon, M.S. TITLE: Synthetic Mica and its Application in New Electrical Insulating Materials. (Sinteticheskaya slyuda i yeye primeneniye v novykh elektroizolyatsionnykh materialakh) PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol.II, Nr 8, pp.1077-1081 (USSR) This is principally a review paper describing the ABSTRACT: physical properties, the technology and the electrical characteristics of American synthetic micas such as Micalex. The developments in this field in the USSR are also discussed. It appears that the first attempts in the USSR at producing a synthetic mica were conducted at the Leningrad Mining Institute under Prof. D. P. Gregoriev and in the Institute of Crystallography of the Soviet Academy of Sciences. Since 1955 the work on the synthesis on a larger scale has been conducted at Vniiasbesttsement (.MPSM SSSR). Two types of mica were developed: the so-called Ftorflogopit, having the formula $\text{KMg}_3(\text{Si}_3\text{AlO}_{10})\text{F}_2$ and lithium mica Card 1/2승규는 문제를 APPROVEDED Monday, 101y 31, 2000

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LEYZERZON, M. S.

Leyzerzon, M.S. Synthetic Mica and New Electrical Insulating Materials Made From IT

(The Physics of Dielectrics; Transactions of the All-Union Conference on the Physics of Dielectrics) Moscow, Izd-vo AN SSSR, 1958. 245 p. 3,000 copies printed.

This volume publishes reports presented at the All-Union Conference on the Physics of Dielectrics, held in Dnepropetrovsk in August 1956, sponsored by the "Physics of Dielectrics" Laboratory of the Fizicheskiy institut imeni Lebedeva AN SSSR (Physics Institute imeni Lebedev of the AS USSR), and the Electrophysics Department of the Dnepropetrovskiy gosudarstvennyy universitat (Dnepropetrovsk State University).

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SOV/81-59-5-16140 Translation from: Referetivnyy zhurnal, Khimiya, 1959, Nr 5, p 347 (USSR) Leyzerson, M.S. AUTHOR: Synthetic Mica and Its Application in the Production of New TITLE: 15 Electric and Heat Insulating Materials. 15 Tr. Vses. n.-1. in-ta asbesta, slyudy, asbestotsementn. izdeliv PERIODICAL i proyektir. str-va predpriyatiy slyud. prom-sti, 1958, Nr 9, pp 88 - 110 ABS'IRACT: The general situation is dealt with regarding the synthesis of mica and the results of work carried out in this direction in 1955 by the VNIIAsbesttsement laboratory of natural and artificial mica. The data submitted indicate that the synthetic mica developed and materials produced on its base have high electric and thermal insulating properties and that they can be used at higher temperatures and endure severe thermal impacts. It is pointed out that synthetic mica and materials based on it can be widely applied in the electric engineering, radio-engineering and aircraft industries. Card 1/1G. Maslennikova TO REAL PROPERTY AND INCOME.

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	S0V/81-59-5-16139
Translation	from: Referativnyy zhurnal, Khimiya, 1959, Nr 5, p 347 (USSR)
AUTHORS:	Leyzerzon, M.S., Levina, V.L.
TITLE:	The Problem of the Physico-Chemical Methods of Mica Processing
PERIODICAL:	Tr. Vses. <u>n1. in-ta asbesta, slyudy, asbestotsementn. izdeliy</u> i proyektir. str-va predpriyatiy slyud. prom-stl, 1958, Nr 9, pp 127 - 162
ABSTRACT:	Data are given on the investigation of the process of mica cleavage, as well as on the testing of various methods for the processing of mica and micanites. The effectiveness was established of applying the physico-chemical processing of mica, phlogopite and muscovite prior to mechanical pinching. It is pointed out that the physico-chemical processing of mica in combination with the mechanical separation of the crystals practiced in the Bulgarian People's Republic, enables one to produce standard micanites, avoiding the stage of obtaining stan- dard pinched mica by means of manual cleavage.
Card 1/1	G. Maslennikova
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"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000929810

SOV/70-4-3-24/32
AUTHORS: Zevin, L.S. and Leyzerzon, M.S.
TITLE: On the Question of the Position of the Potassium Ion in
the Structure of Mica
PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 3, pp 422-423 (USSR)
ABSTRACT: An electron density synthesis:

$$C_z = \sum_{l} F_{ool} \cos 2\pi l z$$

Was made for three specimens of phlogopite. Two were
Aldan phlogopites (hard and hydrated) and the other a
synthetic fluor-phlogopite. The Ool intensities were
measured with a URS-501 diffractometer. Absorption
corrections were included. Test syntheses with F_c
Values were also made for the two cases: 1) K atoms
half-way between silicate sandwiches ($z_k = 0.50$) and
2) K atoms in between the O atoms of the upper and
lower sandwiches ($z_k = 0.42$ and 0.58). The object of the
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ASSOCIATION: NII ASBESTTSEMENT SUBMITTED: December 19, 1958 Card 2/2	of Mica exe hyp abo rad in res con con	SOV/70-4-3-24/32 on of the Position of the Potassium Ion in the Structure ercise was to distinguish experimentally between these otheses. In case 1) the K-O distances are all out 3.1 Å, which is larger than the sum of the ionic dii (2.7 Å), whereas in case 2) the K ion would be close contact with the O atoms on one side. The sults showed quite decisively that $z_k = 0.50$. The usiderable series termination effects do not affect this actusion. There are 1 figure and 5 references, 4 of the contact and 1 French.	•
	SUBMITTED:	December 19, 1958	
	Card 2/2		

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Definition of the properties of the pro

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	/6274		/
New trends in Soviet mica technology are described. The following pe sonalities are mentioned: Doctors of Geology and Mineralogy, Profess D. P. Grigor'yev, V. P. Petrov, and G. G. Lemmleyn; Candidates of Technical Sciences O. L. Feofilov, and V. L. Levina; Candidates of Physics and Mathematics I. M. Gol'dman and I. I. Yamzin; and S. I. Sokol'skiy, Engineer. References follow chapters.			
TABLE OF CONTENTS:	·		
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Ch. II. Physics chemical Principles of Mica Synthesis	32		
Ch. III. Technology of Mica Synthesis	72	· .	
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Synthetic Mica	SOV/6274	
Ch. IV. Physical, Chemical, and Technical Properties of Synthetic Mica Crystals		-
Ch. V. New Electric and Thermal Insulation. Materials Based on Synthetic Mica	107	
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AVAILABLE: Library of Congress TN933, L38		
SUBJECT: Electronics		
Card 3/3	BN/clb/mas 5-6-63	

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PHASE I BOOK EXPLOITATION SOV/6274	-
Leyzerzon, Mikhail Semenovich	
Sinteticheskaya slyuda (Synthetic Mica). Moscow, Gosenergoizdat, 1962. 191 p. (Series: Polimery v elektroizolyatsionnoy tekhnike, vyp. 2). 6500 copies printed.	
Editorial Board: Chief Ed.: K. A. Andrianov, K. I. Zabyrina, V. I. Kalitvyanskiy, Yu. V. Koritskiy, A. V. Khval'kovskiy, and L. A. Epshteyn; Ed.: V. P. Petrov; Tech. Ed.: N. I. Borunov.	
PURPOSE: This book is intended for scientific and engineering personnel working in the fields of radioelectronics, aeronautical and defense engineering, and electrical engineering.	
COVERAGE: The book deals with the preparation of synthetic mica with better characteristics than those of natural mica. This state-of-the-art text is based on the results of Soviet research and on Western sources.	
Card 1/3	

	Synthetic Mica SOV/6274	
	New trends in Soviet mica technology are described. The following per- sonalities are mentioned: Doctors of Geology and Mineralogy, Professors D. P. Grigor'yev, V. P. Petrov, and G. G. Lemmleyn; Candidates of Technical Sciences O. L. Feofilov, and V. L. Levina; Candidates of Physics and Mathematics I. M. Gol'dmain and I. I. Yamzin; and S. I. Sokol'skiy, Engineer. References follow chapters.	
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	Ch. I. Development of Mica Synthesis 7	
	Ch. II. Physicochemical Principles of Mica Synthesis 32	
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	B/564/57/000/000/020/029 D258/D307	
AUTHORS :	Yamzin, I. I., and Leyzerzon, M. S.	
	Synthetic micas, their properties and application	
SOURCE:	Rost kristallov; doklady na Pervom soveshchanii po rostu kristallov, 1956 g. Moscow, Izd-vo AN SSSR, 1957, 277-286	
studies on the carried out in	resent work is concerned with some results of the crystallization of fluorophlogopite and teniolite, Laboratoriya morfologii kristallov Instituta	7
lography Instit of analogous wo prirodnoy i isk of Natural and The optimum cha	(Laboratory of Crystal Morphology of the Crystal- ute) on 50 - 100 g melts. Some results are given ork on 1 - 5 kg melts, carried out at Laboratoriya usstvennoy slyudy VNII-asbesttsementa (Laboratory Artificial Mica of the VNII of Asbestos Cement). rge compositions were	
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S/564/57/000/000/020/029 D258/D307 Synthetic micas ... KF • 0.5 MgF₂ • 2.5 Mg0 • 3S10₂ • 0.5 Al₂O₃ (1) for fluorophlogopite and KF • LiF • 2Mg0 • 4Si02 ÷ (2) for teniolite. These compositions gave crystals free from glass, forsterite, mullite, etc. The best results were obtained when (a) fluorophlogopite was heated rapidly to 1380°C, held at this temperature to complete the fusion, and slowly cooled to below crystallization temperature; (b) teniolite was heated rapidly to 1210°C, held until molten and slowly cooled. These heating regimes avoided losses of volatile components. The resulting crystals were up to 10 cm² x 1.5 mm, and were of sufficient quality for some of their physical, chemical, electrical and mechanical properties to be measured and compared with those of natural. micas. The crucible-less method of fusion was successfully tried. To prepare ceramic products, the synthetic micas were ball-milled. Card 2/3

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Lefaceson, M.A. (Lithuarian Veterinary Academy) "On the Technique of Introduction of the Stomach Probe in a Soat,"

SC: Veterinariya, Vol 31, No 7, pp 45-50, 1954.

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"APPROVED FOR RELEASE: Monday, July 31, 2000 NESTEROV, V.M.; LEYZGOL'D, Ya.A. Acylation of 2-aminothiasole. Med.prom. 14 no.4:37-38 Ap 160. (MIRA 13:6) 1. Anshero-Sudshenskiy khimiko-farmatsevticheskiy savod. (THIAZOLE)

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LEYZIN, A., inzh.; YASTREMSKAYA, L., inzh.; SINEV, O., inzh.
Unified series of standard designs of automated cement storage silos.
Mekh. Strol. 20 no.ll:17-20 N '63.
(MIRA 17:1)

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<u>L_34673-66EWP(t)/ITIIJP(c)JD</u>	
ACC NR: AF6025867 SOURCE CODE: CZ/0043/65/000/008/0620/0627	2
AUTHOR: Lezal, Dimitrij-Lezhal, D. (Engineer; Candidate of sciences; Prague); Polivka, Pavel (Engineer; Prague)	-
ORG: Laboratory of New Semiconductor Materials, Factory for the Production of Semi- conductors, CKD, Prague (CKD, Zavod Polovodice, Laborator proved polovodicovych materialu)	
TITLE: Preparation of high purity arsenic (As) B SOURCE: Chemicke svesti, no. 8, 1965, 620-627	
TOPIC TAGS: chemical purity, arsenic, sublimation, hydrogen, chemical reduction, distillation, spectrographic analysis, indium compound, chemical production	
ABSTRACT: The As is first sublimed in a stream of hydrogen, the product is then burned in an oxygen stream, the oxide is crystal- are sublimed in a hydrogen stream, in which a simultaneous reduc- tion to metallic As takes place. Traces of S, Se, and Te are removed by distillation from liquid lead. The purity of the product was determined by spectrographic methods, and by electric The method yields As with a 99.999% to 99.9999% purity/starting with commercial As. This purity is satisfactory for the produc- tion of semiconductors. The authors thank Graduate Chemist M. Zizk for carrying SUB CODE: 07 / SUBM DATE: 28JeW5 / ORIG REF: 004 / SOV REF: 002 / OTH REF: 010	



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AREA STATES AND A STATES OF A STATE OF A STA EZANSKI Ležański, T. Sur les fon donnelles multiplicatives. Stu- **Construction 1** (1953), 13, U (1954). Performance interpretention of the second s $a_0(A) = 1, \quad U_1(A) = A, \quad U_n(A) \Rightarrow a_{n-1}(A) \cdot A - U_{n-1}(A) A, \\ a_n(A) = n^{-1} \Phi(U_n(A)),$ then $D_{\lambda}(A) = \sum_{n=0}^{\infty} \lambda^n a_n(A)$ and $U_{\lambda}(A) = \sum_{n=0}^{\infty} \lambda^n U_n(A)$ are generalized Fredholm determinants [see T. Lalesco, Théorie des équations intégrales, Hermann, Paris, 1912, pp. 25, 36]. It is proved that if $A_1A_2 = A_2A_1$ and $\|A_i\| < 1/5$, i = 1, 2, then $D(A_1) = A_1A_1$ and $\|A_i\| < 1/5$, i = 1, 2, then Integral equats $D(A_1 + A_2 + A_1A_2) = D(A_1)D(A_2)$ This result is applied to the Fredholm determinants defined in an earber paper [Studia Math. 13, 244-276 (1953); these Rev. 15, 535]. T. H. Hildsbrandt (Ann Arbor, Mich).

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AUTHOR :	Leżański, T.		2		
TITLE:	On the minimum prob	blem of functionals in	Banach spaces		
PERIODICAL:	(Buil, Acad, polon	al, Matematika, no. 12 . sci. Sér. sci. mat. 10; German; summary	astron. et puys	eract 12B369 ., 1962, v.	
0* = 1	that Φ is bounded f nf Φ (x) is finit	uous functional define rom below in the spher e) and possesses a con	ntinuous weak gra	dient satis-	
ا x-x ₀ fying the i	nequality grad Φ	(x) ≥ f (Φ (x) - Φ	(*), where f is	a real in-	
creasing fu		$\int \frac{ds}{f(s)} < r$			
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On the perturbation of the region for differential equations of the second order. Bul Ac Pol math 12 no.11:715-713 144.

A new definition of the differentiation of abstract functions. Ibid.:719-721

1. Institute of Mathematics of Pollsh Academy of Sciences, Warsaw. Submitted September 5, 1964.

APPROVED FOR RELEASE: Monday, July 31, 2000

LEZANSKI, T. On the minimum problem of functionals in Banach spaces. Bul Ac Pol mat 10 no.2:107-110 '62. 1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa. Presented by S.Mazur.

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Astrobotany. Prir i znanie 17 no.7:5-7 S'64.