

LYULYAYEV, V.K., inzhener; TSIGER, R.M., inzhener.

Simplified remote control reserve protection for 220 kv lines.  
Elek.sta. 28 no.9:59-61 S '57. (MIRA 10:11)  
(Electric lines)

LYULYAYEV, Ye.S., inzh.

New reaming practices. Neftianik 7 no.6:6-7 Je '62.  
(MIRA 15:8)

1. Shebelinskaya kontora bureniya, UkrSSR.  
(Shebelinka region--Oil well drilling)

MEMORANDUM FOR THE DIRECTOR

Subject: [Illegible]

History



1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      1RD AND 4TH ORDERS

19

*ca*

Easily fusible glasses without lead and boric acid. B. V. Lyulley, *Acrom. i. Nakh* 13, No. 8, 30-9(1937). Glasses melting about 900° (conc 09) can be obtained by using eutectic mixts.. In order to obtain such mixts., the raw materials must be of well-defined mech. and chem. compn., because of the fact that variations in the chem. compn. prevent eutectic formation, while changes in the mech. compn. produce incomplete reactions which require higher melting temps. and lowering of luster. Siliceous raw materials should be in particles of 15 to 25 μ. The glasses studied contained Na<sub>2</sub>O 0.8588-0.6455, K<sub>2</sub>O 0.0379-0.0081, Ca 0.0482-0.1180, MgO 0.0558-0.1374, Al<sub>2</sub>O<sub>3</sub> 0.1819-0.4900, Fe<sub>2</sub>O<sub>3</sub> 0.0023-0.0070 and SiO<sub>2</sub> 2.2454-0.4580. In the majority of cases these compns. yielded good results. Because of a wide variation in the compn. of raw materials (diatomite, dolomite and feldspar) eutectic mixts. are not always obtained. In such cases, the quantity of the basic components of the batch, diatomite and dolomite, should be varied slightly.

M. V. Coudoide

ABB 51A METALLURGICAL LITERATURE CLASSIFICATION

PROCESSING AND PROPERTIES INDEX

19

**Pb-free and Bi-free glass.** D. V. Lyul'ev and B. I. Skavronskii. Russ. 50,870, April 30, 1963. The charge for the glass is a mixt., corresponding to the Seger formula, of  $\text{Na}_2\text{O}$  0.1030-0.7763,  $\text{K}_2\text{O}$  0.0441-0.0878,  $\text{MgO}$  0.0081,  $\text{CaO}$  0.7780-0.1179 and  $\text{Al}_2\text{O}_3$  0.2011-0.0208,  $\text{Fe}_2\text{O}_3$  0.1024-0.0152 and  $\text{SiO}_2$  2.7732-6.3473

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1963-1964

SEARCHED	INDEXED	SERIALIZED	FILED	SEARCHED	INDEXED	SERIALIZED	FILED
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20

4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
1ST AND 2ND ORDERS																	3RD AND 4TH ORDERS																																	

CF

Plaster molding composition. B. V. Lyul'ev, B. I. Skavronskii, and I. A. Gervids. U.S.S.R. 69,735, Jan. 31, 1946. The molding compn. contains a Na silicate soln., plaster of Paris, CaO fired clay, and a small quantity of NaCl. The NaCl depresses the transition temp. of Glauber salt and blocks the reaction between Na silicate soln. and plaster of Paris.

M. Hosh

22

LYUL'YEV, B.V., kandidat tekhnicheskikh nauk, dotsent, GUROVSKIY, N.Ya.,  
inzhener; ERTE, I.A., inzhener.

Review of I.L. Iukhim's and N.D. Zolotnitskii's books on safety engineering ("Safety measures in carpentry, stonemasonry and construction work." "Safety measures in pipe laying and plumbing." "Safety measures in mechanical woodworking, mechanical metalworking and forge work in building." I. I.A. Iukhim. "Safety engineering in construction work." N.D. Zolotnitskii. Reviewed by B.V. Liul'ev, N. I.A. Gurovskii, I.A. Erte). Gor.khoz. Mosk. 24 no.2:44-46 F '50. (MLRA 7:11)  
(Building--Safety measures)



1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      100 AND 4TH ORDERS

C

Composition of gypsum. B. V. LYUL'EV, B. I. SKAVRONSKII, AND I. A. GERVIDS. U.S.S.R. 65,735, Jan 31, 1940; abstracted in *Chem. Zentr.*, 1948, I [1.2] 153  
 The mass contains sodium silicate, gypsum, CaO, fired clay, and a small amount of NaCl to prevent reaction between the Na silicate and gypsum. M HA

OPEN COVER ELEMENTS

MATERIALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS      100 AND 4TH ORDERS

1ST AND 2ND ORDERS      100 AND 4TH ORDERS

1ST AND 2ND ORDERS      100 AND 4TH ORDERS

SKAVRONSKIY, B.I., kandidat tekhnicheskikh nauk, dotsent; LYUL'YEV, B.V.,  
kandidat tekhnicheskikh nauk, dotsent.

A method of determining the strength of gypsum products subject to  
compression. Trudy MIIT no.80/81:427-433 '55. (MLBA 9:8)  
(Gypsum)

Smirnov, I.V., laureat Stalinskoy premii; SKAVRONSKIY, B.I., kand. tekhn. nauk; LYUL'YEV, B.V., kand. tekhn. nauk.

Practices and prospects in using large blocks in building ("Large blocks" by N.P. Maksimovskii. Reviewed by I.V. Smirnov, B.I. Skavronskii, B.V. Lul'ev). Gor. khoz. Mosk. 32 no.1:39-40 Ja '68.  
(Building blocks) (MIRA 11:1)  
(Maksimovskii, N.P.)

SOVALOV, I.G., kand.tekhn.nauk; LYUL'YEV, B.V.

Mechanized means for dry concentration of concrete aggregates.  
Prom. stroi. 39 no.4:37-41 '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii  
i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i  
arkhitektury SSSR.  
(Aggregates (Building materials))

YESIPCHUK, K.Ye.; IVANUSHKO, A.S.; LYUL'YEV, Yu.B.

Age of the Kingirskaya series. Sbor.nauch.rab.Kiev.un.  
no.1:47-50 '63. (MIRA 18:11)

CHEKUNOV, A.V.; LYUI'YEV, Yu.P.

Herzovian tectonic structure in the southern Altai and the  
western part of the Dabekazgan Depression. Izv. vuzov. Seriya: geol. i  
geol. i razv. 1965. No. 8: 3-15. Ag. '65. (MIRA 18 11)

1. Kiyevskiy geodarsitvennyy universitet im. T.G. Shevchenko.

KOVTUNENKO, Georgiy Alekseyevich; LYULYUKINA, V.F., retsenzent; GORSKOV, V.A., retsenzent; SOSULINA, V.N., redaktor; EL'KINA, E.M., tekhnicheskiy redaktor.

[Production of high grade pottery] Proizvodstvo sortovoi posudy.  
Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva tekstil. promyshl.  
SSSR, 1955. 153 p. (MLRA 8:12)  
(Pottery)

DAUVAL' TER, Aleksandr Nikolayevich; KUR' YEMEN, A.A., retsenzent; LYULYUKINA,  
V.F., nauchnyy redaktor; VARSHAVSKAYA, L.S., redaktor; MEDVEDEVA,  
L.A.; tekhnicheskiiy redaktor

[Crystal, stained, and opal glass] Khrustal'nye, tsvetnye i opalovye  
stekla. Moskva, Gos.nauchno-tekhn.izd-vo M-va legkoi promyshl. SSSR,  
1957. 234 p. (MLRA 10:7)  
(Glass)



GORSKOV, Vladimir Alekseyevich; LYULYUKINA, V.F., retsenzent; ZINYUK, M.N., nauchnyy red.; GABOVA, D.M., red.; SHAPENKOVA, T.A., tekhn. red.

[Technical standards and the organization of work in glass production (high-quality glassware and glass containers)] Tekhnicheskoe normirovanie i organizatsiia truda v stekol'nom proizvodstve (sortovoi posudy i steklianoi tary). Izd.2., perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 393 p. (MIRA 14:9)

(Glassware—Production standards)



LYUMKIS, S.Ye. (Orsk); CHERMAK, L.L. (Orsk)

In defense of the ionic theory of the fusion of slag.  
Izv.AN SSSR.Otd.tekh.nauk no.11:147-150 N '55.  
(Slag) (MLRA 9:2)

LYUMKIS, S. E.

18. 4E2c

The mechanism of mat formation during shaft smelting of oxidized nickel ore // N. P. Dier, P. S. Kusakin, B. E. Lyumkis, and L. L. Chernak. *Tsvetnyye Metally*, 29, No. 3, 30-3 (1956).—A petrographic and chem. analysis is made of the charge materials in a Ni-smelting furnace at different levels above the tuyères. The typical furnace charge is: oxide nickel ore 27, limestone 33, gypsum 13, and coke 33%. It is found that gypsum is reduced at 3-6 ft. above the tuyère level. The primary sulfidation and reduction of the ore take place below the tuyère zone as a result of reactions in the liquid phase between the NiO and CaS formed by the reduction of CaO. R. W. Guard

*[Handwritten signature]*

*Lyumkis, S. E.*

Diatr: hE2c

9  
|

18  
 Roasting nickel and copper-nickel sulfide mats. O. V.  
 Puzr, A. E. Burochkin, S. E. Lyumkis, B. D. Mucashyev,  
 A. I. Semenuzh, N. A. Syrtsov, I. L. Chernak and T. S.  
 Samoilovsk. U.S.S.R. 107,535, Sept. 25, 1957. The sul-  
 fide product of bessemerization is sepd. into a metalized  
 (large-grain) fraction and a sulfidic (small-grain) fraction  
 each of these is roasted separately in a bubbling layer. In  
 the 1st stages, the roasting is done with preheated air.  
 In the last stage an air-O mixt. is used. To prevent dust-  
 ing, it is preferable to agglomerate the fine-grained sulfidic  
 fraction prior to roasting. M. Hosh

*M. Hosh* //

*Lyom 13, S. E.*

Distr: *4E2b/4E2c/4E1j*

*63*

~~Silicate slags from nickel smelting. O. A. Esin, N. P.  
 Dics, L. I. Chernik, and S. R. Lyumka. U.S.S.R. 107,  
 869, Dec. 25, 1987. In order to recover Ni and Co from  
 these slags, the latter are electrolyzed while still fluid in an  
 intermittently or continuously operating electrolyzer.  
 Expendable anodes are used in this process. The cathodic  
 ppt. formed in this process is a solid soln. of Ni and Co, with  
 Fe.~~

*1/1* *em* *John*

SOV/137-58-7-14562

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 88 (USSR)

AUTHOR: Lyumkis, S.Ye.

TITLE: A New Method of Extracting Impurities From Matte (Novyy metod izvlecheniya primesey iz faynshteyna)

PERIODICAL: Byul. Tsent. in-t inform. M-va tsvetn. metallurgii SSSR, 1957, Nr 1, pp 11-12

ABSTRACT: A description is offered of the results of laboratory and factory tests of the purification of matte (M) at the Yuzhural-nikel' Kombinat. Treatment with salt slag consisting of sylvinite and Ni chloride permits the M to be freed simultaneously of Co and Cu. The use of slag containing 10.5% Ni at 700-750°C makes it possible to obtain a M containing 0.25% Cu and <0.1% Co and Fe. The salt slag is obtained by blowing the Cl<sub>2</sub> through the M under the layer of sylvinite.

L. P.

1. Ores--Purification

Card 1/1

*Lyumkis, S. Ye.*

USSR/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria  
Physical-Chemical Analysis, Phase Transitions.

B-8

Abs Jour: Referat. Zhurnal Khimii, No 2, 1958, 3814.

Author : O.A. Yesin, S. Ye. Lyumkis.

Inst :

Title : Behavior of Heavy Metal Oxydes in Melted Chlorides.

Orig Pub: Zn. naorgan. khimii, 1957, 2, No 5, 1145-1148.

Abstract: It was found that heavy metal (M) oxides become stratified in Na, K and Ba chlorides in consequence of microheterogeneity (formation of ion groupations  $M^{2+} \cdot O^{2-}$ ). The activity factor of  $M^{2+}$  decreases at the transition into the range rich of M. MO solutions in  $CaCl_2$  do not become stratified due to the energy increase of the solvent cation bond with  $O^{2-}$ .

Card : 1/1

-49-



Lyumkis, S. Ye.

136-3-6/25

**TITLE:** Use of Alkali-Metal Chlorides for Extracting Impurities from the Sulphide-Metallic Alloy of Nickel with Sulphur. (Primeneniye khloridov shchelochnykh metallov dlya izvlecheniya primesey iz sul'fidno-metallicheskogo splava nikelya s seroy).

**PERIODICAL:** Tsvetnyye Metally, 1957, No.3, pp. 31-34 (USSR)

**ABSTRACT:** The conditions for the extraction of cobalt, copper and iron from nickel converter matte containing about 80% Ni and 20% S are given. Preliminary thermodynamic calculations showed that the extracting phase (slag) must itself affect favourably the thermodynamic properties of the dissolved metals. Together with electrochemical data (tabulated), these considerations led to the selection of alkali-metal chlorides and the correctness of this choice was confirmed by laboratory and larger (500 kg of converter matte) scale experiments. The results of this work can, it is said, be applied at works treating oxidized nickel ores and, possibly, at other non-ferrous metallurgical works.

1/1

**AVAILABLE:** Library of Congress

137-58-6-11980

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 113 (USSR)

AUTHORS: Lyumkis, S.Ye., Chermak, L.L., Kagan, A.S.

TITLE: Methods of Increasing the Activity of Powdered Nickel (Puti povysheniya aktivnosti nikelovogo poroshka)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 16, pp 20-22

ABSTRACT: The conditions required to obtain active Ni powders are investigated. It is established that the size class of the initial oxide and the temperature at which it was heat treated are the dominant factors determining the degree of activity of the Ni powders. By means of X-ray analysis it was established that high-temperature processing increases the size of the crystallites grains of the nickelous oxide which, in turn, reduces the activity of the powder. In order to obtain a suboxide with grains of the required size (3-5  $\mu$ ), it is essential that in the process of roasting of a metal sulfide product (obtained by bessemerization of mattes) the temperature of the suboxide not be allowed to exceed 800-900°C. Results of laboratory investigations are utilized in the development of an industrial method for the production of active Ni powder.

1. Nickel powders--Properties  
2. Nickel powders--Temperature factors  
3. Nickel powders--X-ray analysis  
4. Nickel powders--Production

Card 1/1

LYUMKIS, S.<sup>ide</sup>Ye., Cand Techn Sci -- (diss) "<sup>ide</sup>Application of  
 melted chlorides of alkaline metals for the extraction of  
<sup>impurities</sup> alloys from ~~Feinstein~~ <sup>FAYNSHT EYN</sup>." Sverdlovsk, 1958, 14 pp (Min of Higher  
 Education USSR. Ural Polytechnic Inst im S.M. Kirov)  
 150 copies (KL, 32-58, 109)

\* AS impurities must separate product

CHERMAK, L.L.; LYUMKIS, S.Ye.

Increasing the chemical activity of mattes. *Biul. TSIIN tavet. met.*  
no. 5:26-28 '58. (MIRA 11:7)

(Nonferrous metals--Metallurgy)  
(Activity coefficients)

CHERMAK, L.L., inzh.; LYUMKIS, S.Ye.

Ionic theory of slags and its practical application. Izv. vys.  
uchab. zav.; chern. met. no.12:41-43 D '58. (MIRA 12:3)

1. Kombinat Yuzhural'nikel'.  
(Slag) (Ions) (Iron--Metallurgy)

17/1-18-12-16/27

AUTHOR: Iyunkis, S.Ye. (Orsk)

TITLE: Influence of Fused Potassium and Sodium Chlorides on the Properties of Heavy-Metal Cations (O vliyani rasplavlennykh khloridov kaliya i natriya na svoystva kationov tyazhelykh metallov)

PERIODICAL: Izvestiya Akademii Nauk, Otdeleniye tekhnicheskikh Nauk, 1958, Nr 12, pp 100-103 (USSR)

ABSTRACT: Analysis of published data (Ref.1-3) on electromotive forces in metal-fused salt systems indicates that there is some selectivity in the influence of the fused mixture of sodium and potassium chlorides on heavy-metal cations. The author considers this effect in terms of the e.m.f. of various heavy metals in individual chlorides and in fused chloride solutions (table). He mentions experiments in which converter matte was oxidized by gaseous chlorine with and without a covering of sylvanite. He goes on to describe laboratory experiments whose object was to check the idea that the selective influence of the solvent is associated with the different stability of complex compounds formed by

Card 1/3

07/24-50-12-16/27

Influence of Fused Potassium and Sodium Chlorides on the Properties of Heavy-Metal Cations

the metals in the melt. In these experiments the transport numbers of heavy metal ions were determined in fused sylvinit in a heated porcelain crucible divided into three compartments by high-melting glass partitions and provided with graphite electrodes. The melt temperature was kept at  $650 \pm 10^{\circ}\text{C}$  and a non-oxidizing atmosphere was maintained. It was found that: nickel, cobalt, copper and iron chlorides form complex anions of approximately equal stability; the complexes contain practically all the heavy-metal ions present in the solution. The content of free bivalent metal ion cations in the solution was negligible. The author concludes from his results that selective influence of the solvent is due to factors which produce the change in the strength of the bond between the

Card 2/3

007/24-58-12-16/27

Influence of Fused Potassium and Sodium Chlorides on the Properties of Heavy-Metal Cations

heavy-metal cations and the melt in the individual salts and in the solution. A. Masin gave valuable advice in this work. There is 1 table, 1 figure and 9 Soviet references.

SUBMITTED: 3rd August 1958.

Card 3/3



76-32-5-36/47

AUTHORS: Yesin, O. A., Lyumkis, S. Ye.

TITLE: Letters to ~~the Editor~~ (Pis'ma v redaktsiyu) The Effect of the Solvent on the Properties of Cations in Salt Melts (O vliyaniy rastvoritelya na svoystva kationov v solevykh rasplavakh)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol. 32, Nr 5, pp.1165-1167 (USSR)

ABSTRACT: The working through of data in publications concerning the electric forces in metal-salt melt systems showed an interesting regularity referring to the halide salts of the metals of the side series of the periodic system. From a table containing the ion radii of the corresponding metals besides the magnitudes of the decrease of the isobaric potential at the transition of liquid single salts into the solution can be seen that the numerical value of the decrease  $\Delta Z$  in some cases becomes smaller with the increase of the radius of the cation in a series of the periodic system, but that on the other hand only a small change or increase of the value  $\Delta Z$

Card 1/2

Letters to the Editor. The Effect of the Solvent on the Properties of Cations in Salt Melts

76-32-5-36/47

is observed. This contradiction is removed by the assumption that by the increase of the electric field of the ions the increase of their polarizability is decreased. The iodides of copper, zinc, lead and cadmium are mentioned as examples for the case that no polarization increase and thus also no change of the thermodynamic properties takes place. After giving a detailed consideration and explanation of the reaction of the metals mentioned in the table the authors say that among the mentioned salts the strongest selective effect on chloride compounds of nickel, cobalt, copper and iron was observed with alkali metal chlorides, with the extremely small decrease of potential of nickel chloride being used for the purification of nickel-sulfur alloys. There are 1 table and 8 references, 7 of which are Soviet.

ASSOCIATION: Sverdlovskiy politekhnicheskii institut (Sverdlovsk Polytechnical Institute)

SUBMITTED: December 6, 1956

Card 2/2

- 1. Metal halides--Thermodynamic properties
- 2. Ions--Properties

SOV/136-59-1-24/24

AUTHORS: Chermak, L.L., and Lyumkis, S. Ye.

TITLE: Letters to the Editor (Pis'ma v redaktsiyu)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 1, pp 102-103 (USSR)

ABSTRACT: The authors describe the successful application at the Yuzhuralnikel' combine of a method (Refs 1 and 2) of treating liquid converter slags to recover cobalt. They complain that it has been neglected and note some disadvantages of another method (Ref 3) tested at the Severonikel' combine. They state that the Gipronikel' Institute are misguided in seeking to extend the latter method and suggest that they have used incorrect and misleading data. The authors note possible methods of improving both processes. There are 4 references, all Soviet.

Card 1/1

AUTHORS: Lyumkis, S.Ye., Mimukhin, B.M. and Chermak, L.L. SOV/136-59-3-8/21

TITLE: On the Structure of Liquid Alloys of the Nickel-sulphur System (O stroyenii zhidkikh splavov sistemy nikel'-sera)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 3, pp 29 - 32 (USSR)

ABSTRACT: Previous work had shown that various sulphides were present in the intermediate sulphide product in the extraction of nickel. The present work is X-ray structural analysis of solid and liquid alloys of the nickel-sulphur system. The apparatus URS-70 was used and a diagram of this is given. The alloys investigated were the intermediate sulphide-nickel product and synthetic alloys containing 18% S (hypo-eutectic), 21.5% S (eutectic) and 24.9% S (Hyper-eutectic). The alloys were investigated at room temperature, 500 °C and 700-800 °C (50-100 °C above the melting point). The transition from solid to liquid is accompanied by a loss in intensity of the lines but only those lines with the smallest intensity disappear completely. In the alloys examined lines corresponding to Ni and Ni<sub>3</sub>S<sub>2</sub> were found. Micro-regions rich in Ni or Ni<sub>3</sub>S<sub>2</sub> were found to exist. In general, the alloys consisted of solid

Card1/2

SOV/136-89-3-8/21

On the Structure of Liquid Alloys of the Nickel-sulphur System  
solutions of Ni and  $Ni_3S_2$  and only in those alloys  
showing complete absence of molecular mixing (i.e.  
complete micro-inhomogeneity) were lines corresponding  
to both components of the alloy seen. The micro-  
inhomogeneity is connected with deviations from the ideal  
state. The properties of the alloys are in some degree  
the properties of the individual components, i.e. nickel  
and its sulphide. Therefore, there is a positive  
deviation. The line corresponding to the higher sulphide  
 $NiS$  was absent.  $NiS$  may, however, be present in complete  
molecular solution of  $Ni_3S_2$ .

There are 1 figure and 12 Soviet references.

ASSOCIATION: Yuzhuralnikel' Combine

Card 2/2

CHERMAK, L.L.; LYUMKIS, S.Ye.

Selecting an efficient flowsheet for the recovery of cobalt from  
liquid converter slags. TSvet. met. 32 no.1:102-103 Ja '59.  
(MIRA 12:1)

(Cobalt--Metallurgy)

LYUMKIS, S.Ye.; MIMUKHIN, B.M.; CHERMAK, L.L.

Structure of liquid, nickel - sulfur system, alloys. TSvet.  
met. 32 no.3:29-32 Mr '59. (MIRA 12:5)

1. Kombinat Yuzhural'nikel'.  
(Nickel alloys---Metallography) (Liquid metals)

LYUMKIS, S.Ye.

Factors having an effect on the activity of nickel powder.  
TSvet. met. 34 no.11:82-83 N '61. (MIRA 14:11  
(Nickel--Metallurgy) (Powder metallurgy)



LYUMKIS, S.Ye.; PRILEPKO, Kh.S.; MIMUKHIN, B.M.; SALOVA, K.P.

Surface active substances in the system matte - slag. Svet. met.  
35 no.6:34-38 Je '62. (MIRA 15:6)

(Surface active agents)

LYUMKIS, S.Ye. (Orsk); CHERNOV, A.I. (Orsk); Prinsipal uchastnye KHANZHOV, A.M.

Forms of nickel losses with waste slags during the shaft furnace  
smelting of nickel ores for the production of matte. Izv. AN SSSR.  
Otd. tekhn. nauk. Met. i gor. delo no.4:81-88 J1-ag '63. (MIRA 10:10)

REZNIK, I.D.; ~~LYUMKIS, S. Ye.~~; TUMASOV, V.F.

Investigating the movement of molten slags by means of tracers.  
TSvetmet. 36 no.3:21-25 Mr '63. (MIRA 16:5)  
(Slag) (Radioisotopes--Industrial applications)

LYUMKIS. S. Ye.

Method of determining the solubility of high-melting materials  
in fused media and examples of its practical application. TSvet.  
met. 36 no.6:81-82 Je '63. (MIRA 16:7)

(Nickel oxide) (Solubility) (Slag)

LYMKIS, S.Ye.; DUBININA, K.P.; NEUSTROYEVA, V.G.

Behavior of chromium oxide in the salt surface smelting  
of nickel ores. Tsvet. met. 37 no. 195-196. N 100. MIRA 1971.

L 1846-66 EPA(s)-2/EPF(m)/EPF(w)/EPF(c)/EPF(n)-2/T/EPF(t)/EPF(o)/ IJP(c) JD/WM/ 49  
UR/0149/65/000/001/0034/0042 46  
44.55 18 JG

ACCESSION NR: AP5013069

AUTHOR: Lyunkis, S. Ye.; Dubinina, K. P.

TITLE: Effect of high-temperature preheating on the physicochemical properties of solids and liquids

SOURCE: IVUZ. Tsvetnaya metallurgiya, no. 1, 1965, 34-42

TOPIC TAGS: high temperature effect, refractive index, sulfide

ABSTRACT: Various compounds were preheated in nitrogen at 900-1500°C in an electric furnace, and the effect of this treatment on various physicochemical properties was investigated. In the case of heavy metal oxides, an increase in density and a decrease in refractive index, molar refraction, and reactivity were observed. In some cases, the color changed. In fused sulfides of these metals, a decrease in the refractive index and molar refraction was recorded. Preheating of solids and liquids formed by metals with filled eight-electron outermost shells (magnesium, calcium, barium) had no appreciable effect on their properties. It is postulated that the change in properties associated with preheating of solid oxides is due to an ordering of their crystal lattice and an increase in the strength of bonding between the constituent parts of the molecules. In the case of liquid sulfides, how-

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3

L 1846-66

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ever, the change in properties is due primarily to a strengthening of the bonding. The changes produced by preheating are virtually irreversible. By varying the temperature, one can control a number of the physicochemical properties over a relatively wide range. Thus, it is shown that in principle it is possible to obtain substances (solids or liquids) of the same chemical and phase composition but having different properties. It is recommended that practical use be made of the relationship established between preheating and the refractive index (molar refraction). By using standards, tables, or graphs worked out earlier, one can evaluate the properties of preheated semimanufactured products of the metallurgical or chemical industry. Orig. art. has: 2 figures, 2 tables.

ASSOCIATION: Yuzhnoural'skiy nikel'nyy kombinat (South Ural Nickel Combine)  
 SUB CODE: MM <sup>44, 57</sup>

SUBMITTED: 03Oct63

ENCL: 00

NO REF SOV: 014

OTHER: 001

Card

2/2

LYOMEL S.Ye.; OUBKIN, I.I.; KURBANOV, M. (1962)  
X-ray analysis of liquid crystal (L) phase of  
uchebnaya. Dnevnik. A. N. (1962) (1962)  
1. Kombinat "Muzhuralovskii" submitted February 28, 1962.



REZNIK, I.D., kand. tekhn. nauk; LYUMKIS, S.Ye.; KOVALEV, L.Ya.; TUMASOV,  
V.F.; KRUGLYAKOVA, M.S.; CHYTKOVA, V.T.

Periodic process of depleting waste slags from the shaft-  
furnace smelting of oxidized nickel ores with the help of  
an electric hearth. Sbor. nauch. trud. Gintsvetmeta  
no.23:151-163 '65. (MIRA 18:12)

*Lyungersgauzen*

117-2-29/29

AUTHOR: Lovtsov, D.P., and Lyungersgauzen, G.D., Candidates of Technical Sciences.

TITLE: Plastics for Patterns and Pattern Boards (Plastmassy dlya modeley i model'nykh plit)

PERIODICAL: Mashinostroitel', 1958, # 2, p 47-48 (USSR)

ABSTRACT: This is a review of foreign experience in the use of plastics for foundry patterns. A USA periodical of 1954 is the source of information on American and Canadian experience in this field. The methods of the Swiss firm Ciba and the German VEB Fachanstalt, Dresden, are also described.

AVAILABLE: Library of Congress

Card 1/1

LYUN'KOV, N.Ya. Cand Bio Sci -- (diss) "Blood supply  
of <sup>skelton</sup> trunk of agricultural animals (X-ray and  
anatomical ~~research~~ <sup>study</sup>) [Irkutsk], 1958, 24 pp (Min of Agr USSR.  
Irkutsk Agr Inst ) 130 copies (KL, 21-58, 89)

USSR / Human and Animal Morphology (Normal and Pathological). Methods and Technique of Investigation.

S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16872

Author : Larev, N. V.; Lyun'kov, N. Ya.  
Inst : Irkutsk Agricultural Institute  
Title : On the Problem of Preparation of a Contrast Mass for Blood Vessels

Orig Pub : Izv. Irkutskogo s.-kh. in-ta, 1958, vyp 8, 192-196

Abstract : No abstract given

Card 1/1

MEMORSKIY, V.P., starshiy nauchnyy sotrudnik; LYUCSEV, V.A., ordinator

Treatment of syphilis with bicillin-1 and bicillin-3. Vest.derm.  
i ven. no.11:40-45 '61. (MIRA 14:11)

1. Iz kliniki kozhnykh i venericheskikh bolezney Moskovskogo  
oblastnogo nauchno-issledovatel'skogo klinicheskogo inistituta  
(dir. - prof. B.Ya. Arutyunov).  
(SYPHILIS) (BICILLIN--THERAPEUTIC USE)

RUBTSOVA, L.K.; POCHAPINSKIY, V.I.; LYUCSEV, V.A.; GUBINSKAYA, Ye.I.;  
KARAPETYAN, M.K.; ZALEM, Z.Ya.

Experimental and clinical studies on ointments containing  
tetracycline. Antibiotiki 10 no.5:472-475 My '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,  
Moskovskiy oblastnoy nauchno-issledovatel'skiy klinicheskiy  
institut imeni Vladim'irskogo i Institut vrachebnoy kosmetiki,  
Moskva.

LYUPAYEV, B.M.

Using additives to speed the hardening of concrete during the  
inadequacy of the curing cycle for reinforced concrete products  
in case-type chambers. Uch. zap. Mord. gos. un. no. 15:135-136  
'63. (MIRA 18:6)

LYUPAYEV, B.M.; DOBROVOL'SKAYA, V.V.

Using flexible strings in hydraulic construction. Uch. zap.  
Mord. gos. un. no.15 pt.2:21-26 '63.

(MIRA 18:6)



LYUPERSOL'SKIY, M.V., inzhener.

Selectro for switching-in automatic reclosing with pickup syn-  
chronism. Elek.sta. 28 no.1:86-87 Ja '57. (MLRA 10:3)  
(Electric relays)

BOGUSLAVSKIY, D.B.; EPSHTEYN, V.G.; OGNEVSKAYA, T.Ye.; LYUPINA, L.A.;  
LYUBEZNIKOV, V.K.

Modification of the properties of synthetic rubbers containing  
active functional groups by the resorcinol-formaldehyde resin in  
the latex stage. Kauch.i rez. 19 no.8:13-18 Ag '60.  
(MIRA 13:9)

1. Yaroslavskiy shinny zavod.  
(Rubber, Synthetic)

(Resins, Synthetic)

RATUSHKOV, M.I.; MAYEVSKAYA, V.M.; RAPOTSEVICH, A.P.; LYURAY, L.L.

Extinguishing underground fires in coal mines with inert gases. Ugol'  
40 no.6:63-64 Je '65. (MIRA 18:7)

1. Vostochnyy nauchno-issledovatel'skiy institut po bezopasnosti rabot  
v gornoy promyshlennosti (for Ratushkov, Mayevskaya). 2. Kombinat  
Kuzbassugol' (for Lyuray).

LYURI, I.V.

Capping of the tube openings of steam boiler drums. Energetik  
12 no.6:26-27 Ja '64. (MIRA 17:9)

LYURI, I.V., inzh.

Prevent accidents with stationary acetylene generators. Bez.truda  
v prom. 6 no.1:15 Ja '62. (MIRA 15:1)

(Acetylene generators--Safety measures)

LYUBO, A.P., inzhener.

Mechanization and automatization of the industrial production  
at the Molotov Gorkiy Automobile Plant. Mashinostroitel' no. 1  
1-7 My '57. (MLRA 1:16)  
(Gorkiy--Automobile industry) (Automatic control)

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... ..

Lyrro A.P.  
25(5) p 3

PHASE I BOOK EXPLOITATION

SOV/2703

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti.  
Kiyevskoye oblastnoye pravleniye

Mekhanizatsiya i avtomatizatsiya v mashinostroyeni; [sbornik statey] (Mechanization and Automation in Machine Manufacturing; Collection of Articles)  
Moscow, Mashgiz, 1959. 286 p. 8,000 copies printed.

Sponsoring Agency: Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti. Ukrainskoye respublikanskoye pravleniye.

Ed. of Publishing House: M.S. Soroka; Chief Ed. (Southern Division, Mashgiz): V.K. Serdyuk, Engineer; Editorial Board: M.M. Gul'ko, S.Sh. Zaslavskiy, A.Ya. Lopata, N.M. Lych, M.L. Orlikov, I.D. Faynerman, Ye.M. Khaymovich (Resp. Ed.), and S.I. Kharagorgiyev.

PURPOSE: This book is intended for engineering and technical personnel in machine and instrument-manufacturing plants and scientific research institutes.

COVERAGE: This book contains reports made by workers of machine and instrument.

Card 1/6



SOV/2703

Mechanization and (Cont.)

manufacturing plants, scientific research institutes, and educational institutions at the 2nd Kiyev Scientific and Technical Conference devoted to problems of mechanization and automation of production processes. The Conference was sponsored by the Kiyev Oblast Administration of the NPO Mashprom (Scientific and Technical Division of the Machine-Manufacturing Industry) and the Ukrainian Republic Administration of the NPO Priboroprom (Scientific and Technical Division of the Instrument Manufacturing Industry). These reports describe current problems encountered in automation of equipment, technological and control operations, and progressive work practices in manufacturing machines and instruments. I.I. Greben', S.M. Zamanskiy, A.G. Ivakhnenko, V.L. Mesezhnikov, M.G. Mosenskis, and A.M. Farber participated in preparing the book. There are no references.

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Foreword

Experience of the Bearing Industry in the Overall Automation and Mechanization of Production (A.V. Derbisher)

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SOV/2703

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Some Problems of Mechanization and Automation of Welding Processes (I.I. Zaruba)	168

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SOV/2703

Mechanization and (Cont.)

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Mechanization and (Cont.)

Automation of the Timing Process and Unused Productive Capacities of  
Technologically Closed Sectors (B.A. Babich)

276

AVAILABLE: Library of Congress

JG/jb  
1-5-60

Card 6/6

LYUR'YE, G.

Highway transport workers of White Russia discuss ways of  
improving the ~~work~~. Avt.transp. 40 no.3:63 Mr '62.  
(MIRA 15:2)

(White Russia—Highway transport workers)

GRIB, V. LYUR'YE, G.

Information. Avt.transp. 43 no.5:55-57 My '65.

(MIRA 13:4)

1. Zamestitel' direktora Minskogo avtobusnogo parka No.1 (for Grib).

LYUR'YE, G.S.; SHERSTOBITOVA, L.A.

Conference on the mechanization of work of engineers and  
technicians. Mashinostroitel' no.12:43 D '61. (MIRA 14:12)  
(Office equipment and supplies)



VOROB'EV, A.K.; LYUR'YE, G.S.; SHAPIRO, G., red.; GAL'BURT, A.,  
spets. red.

[Mechanization and advanced methods for the maintenance and  
repair of motor vehicles; practice of the automotive trans-  
portation units of the White-Russian S.S.R.] Mekhanizatsiia  
i peredovye metody tekhnicheskogo obsluzhivaniia i remonta  
avtomobilei; iz opyta raboty avtokhoziaistv Belorusskoi SSR  
Minsk, In-t nauchno-tekhn. informatsii i propagandy Gos.komi-  
teta Soveta Ministrov BSSR po koordinatsii nauchno-issl. ra-  
bot, 1963. 74 p. (MIRA 18:2)

LYUSH, D.V., inzh.

Communications, observations and handling of the atomic icebreaker  
"Lenin." Sudostroenie 27 no.8:18-21 Ag '61. (MIRA 14:9)  
(Lenin (Atomic ship)) (Electricity on ships)

PHASE I BOOK EXPLOITATION

SOV/3511

Lyush, Dimitriy Vasil'yevich

Televideniye na morskoy i rechnom flote (Television in Ocean and River Fleets) Leningrad, Sudpromgiz, 1959. 57 p. 6,300 copies printed.

Scientific Ed.: V. P. Peresada; Ed.: Z. V. Vlasova; Tech. Ed.: N.V. Erastova.

**PURPOSE:** The booklet is intended for technical personnel in water transport and the shipbuilding industry, and for personnel of ocean and river fleets. It may also be of interest to the general reader.

**COVERAGE:** The booklet presents in popular form the physical fundamentals of television and describes certain components of television systems. Closed-circuit industrial television systems of Soviet manufacture are described and their characteristics given. The author discusses the great possibilities for the application of television in sea and inland water transportation systems.

Card 1/3

Television in Ocean and River Fleets

SOV/3511

The author thanks V. P. Rumyantsev for his help. There are 9 references: 8 Soviet (3 of which are translations) and 1 German.

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- 10. Television systems for control and supervision 32
- 11. General-purpose naval television systems 36
- 12. Undersea television 39

Ch. IV. Industrial Television Systems of Soviet Manufacture 47

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- 14. PTU-OMI system 48
- 15. PTU-2M system 48
- 16. DTU system 49
- 17. PTU-4 system 51
- 18. PTU-5 system 52
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- 20. Television system on the whaling ship "Slava" 56

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AVAILABLE: Library of Congress

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5-9-60

PHASE I BOOK EXPLOITATION

SOV/6056

Lyush, Dimitriy Vasil'yevich, and Boris Nikolayevich Nikolayev

Dozimetricheskii kontrol' na atomnykh sudakh (Radiation Control on Atomic Ships) Leningrad, Sudprongiz, 1962. 130 p. Errata slip inserted. 2250 copies printed.

Ed. (Title page): Yu. V. Sivintsev, Candidate of Technical Sciences;  
Reviewers: A. A. Korsunenkov, Engineer, and Yu. V. Arkhangel'skiy, Engineer; Ed.: Z. V. Vlasova; Tech. Ed.: L. M. Shishkova.

PURPOSE: This book is intended for engineering and technical personnel of the shipbuilding industry and the Navy and may also be useful to students at shipbuilding institutes.

COVERAGE: Problems of ensuring safety from radiation and of dosimetric control on ships with atomic power plants are discussed in popular form. Necessary information from nuclear physics and engineering is presented. The last two chapters give a brief description of the radiation-safety systems and

Card 1/2

Radiation Control on (Cont.)

SOV/6056

the dosimetric control on the atomic icebreaker "Lenin" and contain some information on radiation-safety problems on non-Soviet atomic ships. The most recent achievements in the field of dosimetry of ionizing radiation are considered. The authors thank V. I. Zadontsev and Yu. V. Sivintsev, Candidate of Technical Sciences. There are 27 references: 17 Soviet (5 of which are translations) and 10 English.

TABLE OF CONTENTS:

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Ch. I. Concept of Ionizing Radiations	5
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2. Concept of the radiation dose. Maximum permissible doses and concentrations	10
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PA 49T81

USSR/Physics  
Conductors, Semi  
Fields, Electromagnetic

Oct 1947

"Phenomenon of Improving Semiconductors by Current Carriers Under the Effect of Contact Field," V. I. Lyushenko, A. W. Pavlenko, Phys Inst, Acad Sci USSR, 6 pp

"Zhur Tekh Fiz" Vol XVII, No 10

Authors clarify two main points: 1) contact electrode makes contact only at separate points, and 2) if contact electrode has positive difference of potential relating to the copper oxide (conduction by drifts), then occurs the phenomenon of increased conductivity

49T81

Oct 1947

USSR/Physics (Contd)

of the semiconductor (enrichment by drifts) in the regions around the contacts, as result of the contact fields. Submitted to "Journal of Experimental and Theoretical Physics," 25 Mar 1947, and to "Journal of Technical Physics," 6 Jun 1947.

LYUSHENKO V. I.

49T81



L. I. YUSHIN, M. I.  
YUSHIN, O.O., kandidat tekhnichnikh nauk; LYUSHIN, M.I., kandidat tekhnich-  
nikh nauk.

Work of C-80 and DT-54 tractors in surface tilling. Mekh. sll'.  
hosp. 8 no.9:24-25 '57. (MIRA 10r9)  
(Tractors) (Plowing)

LYUSHIN, M. I. [Liushyn, M. I.], kand. tekhn. nauk.; STETSENKO, V. I., kand. tekhn. nauk.; MARKOVSKIY, Ye. A. [Markovs'kiy, Ye. A.], inzh.

Increasing the lifetime of piston parts of the D-54 engine. Mekh. sil'. hosp. 9 no. 8:31-32 Ag '58. (MIRA 11:8)  
(Pistons)

LYUSHIN, M.I., [Liushyn, M.I.], kand. tekhn. nauk

Ground-effect automobiles. Mekh. sil'. hosp. 12 no. 131-32  
(MIRA 14:1)

Ja '61.

(Ground-effect machines)

LYUSHIN, M.I. [Liushyn, M.I.], kand. tekhn. nauk

Ways for increasing the service time of truck tires. Mekh. sil'.  
hosp. 14 no.3:30-31 Mr '63. (MIRA 17:1)

MEKHTIYEV, S.D.; LYUSHIN, M.M.

Alkylation of toluene with diisobutylene. Izv. vys. ucheb. zav.;  
neft' i gaz 8 no.3:61-64 '65. (MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

*LYUSHIN Sergey Fedorovich*

LEBEDEV, Serafim Aleksandrovich; ABDULIN, Fuat Salikh'yanovich;  
~~LYUSHIN, Sergey Fedorovich~~; KOVALEVA, A.A., vedushchiy redaktor;  
POLOSINA, A.S., tekhnicheskiiy redaktor

[Studies of pressure wells] Issledovanie nagnetatel'nykh skvazhin.  
Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry,  
1956. 56 p. (MLRA 10:5)  
(Oil field flooding)

LYUSHIN, Sergey Fedorovich; RASSKAZOV, Valeriy Antonovich; SHARIN,  
Leonid Kirillovich; GLEZER, D.Kh., otv. red.; GURVICH, M.A.,  
red.izd-va; GAYFULLIN, F.G., tekhn. red.

[Use of the UfNII-3 spring wall scraper] Primenenie avtomati-  
cheskogo letaiushchego skrebka UfNII-3. Ufa, Bashkirscoe  
knizhnoe izd-vo, 1958. 47 p. (MIRA 15:1)  
(Paraffins) (Oil wells—Equipment and supplies)

MURAV'YEV, I.M.; REPIN, N.N.; LYUSHIN, S.F.

Characteristics of reservoir fluid flow after the shutting in of  
flowing wells. Neft. khoz. 37 no.1:49-54 Ja '59. (MIRA 12:3)

(Oil reservoir engineering)



LYUSHIN, S.F.; FUCH, H.H.

Effect of flow velocity on the intensity of paraffin sedimentation  
in pipes. *Dokl. Akad. Nauk SSSR*, 1974, 235, No. 5, p. 1114. (MIRA 711)

LYUSHIN, Sergey Fedorovich; RASSKAZOV, Valeriy Antonovich; SHEYKH-ALI,  
Davlet Mukhamedzhanovich; IKSANOVA, Raziya Rakhatulovna;  
LIN'KOV, Yevgeniy Petrovich; KAYESHKOVA, S.M., vedushchiy red.; MUKHI-  
NA, E.A., tekhn. red.

[Paraffin control in the recovery of oil] Bor'ba s otlozheniyami pa-  
rafina pri dobyche nefi. Moskva, Gos. nauchno-tekhn. izd-vo nefi. i  
gorno-toplivnoi lit-ry, 1961. 149 p. (MIRA 14:7)  
(Oil wells) (Paraffins)

L 19811-65 EMT(1)/EBC(b)-2 IJP(c)/AFWL/AS(mp)-2/ESD(gs)

ACCESSION NR: AT5000402

S/3119/64/000/001/0093/0103

AUTHOR: Shvarts, K.K., Layzan, V.B., Lyushina, A.F.

TITLE: Electron spin resonance and luminescence of solid solutions of sodium chloride and manganese

SOURCE: AN LatSSR. Institut fiziki. Radiatsionnaya fizika, no. 1, 1964. Ionny\*ye kristally\* (Ionic crystals), 93-103

TOPIC TAGS: Luminescence, electron spin resonance, EPR spectrum, solid solution, manganese impurity, sodium chloride crystal, luminescence center, crystal irradiation

ABSTRACT: An attempt was made to study the structure of impurity centers of manganese and their change under the influence of various factors (heat treatment, decomposition, irradiation with x and gamma rays) by means of the electron paramagnetic resonance (ESR) and by optical methods. Grown NaCl crystals containing MnCl<sub>2</sub>, TiCl, MnF<sub>2</sub>, CdCl<sub>2</sub>, and PbCl<sub>2</sub> in amounts of 0.1-0.3 mole % were used. The ESR of NaCl · MnCl<sub>2</sub> was found to coincide with data in the literature. The x-ray luminescence of manganese and its sensitized luminescence in crystals subjected to heat treatment and untreated crystals were compared. Preliminary irradiation with x or gamma rays was found to decrease the intensity of x-ray luminescence. On the basis of the spectra obtained, the authors discuss the

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ACCESSION NR: AT5000402

microstructure of manganese centers, the luminescence centers of manganese, the de-  
composition of solid solutions of sodium chloride and manganese, and the effect of radia-  
tion on the manganese centers. Orig. art. has: 8 figures.

ASSOCIATION: None

SUBMITTED: 18Mar64

ENCL: 00

SUB CODE: SS

NO REF SOV: 018

OTHER: 015

Card 2/2

SHVARTS, K.K. [Svarcs, K.]; VITOL, A.Ya. [Vitols, A.]; KRUMIN', Yu.K.  
[Krumins, J.]; LAYZAN, V.B. [Laizans, V.]; LYUSHINA, A.F.

Microstructure of manganese centers in sodium chloride crystals.  
Izv. AN SSSR. Ser.fiz. 29 no.3:404-405 Mr '65.

(MIRA 18:4)

VEDERNIKOVA, Ye.I.; LYUSHINSKAYA, I.I.; LINETSKAYA, G.N.; POLYAK, M.V.

Maltase activity of enzyme preparations of molds used for baking.  
Mikrobiologiya 31 no.6:1087-1091 ~~S-D~~ '62. (MIRA 16:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy  
promyshlennosti.

(MOLDS (BOTANY)) (GLUCOSIDASE) (BAKING)

LYUSHINSKAYA, I. I.

Dissertation: "Improvement in the Area -Baking Properties of germinated soy grain During the process of Drying." Sam Tech Sci, Moscow Technological Inst of the Food Industry, Moscow, 1953. Referativnyy Zhurnal--Khimiya, Moscow, No 3, Apr 54.

SO: SUN 284, 16 Nov 195.

LYUSHINSKAYA, I.I.; AUERMAN, L.Ya.

Improving the baking quality of germinated rye by drying.  
Trudy MTIPP 4:34-43 '56. (MLRA 9:10)

(Rye) (Grain--Drying)



VEDERNIKOVA, Ye.I.; LYUSHINSKAYA, I.I.; POLYAK, M.V.; SHAROYKO, K.M.

Biochemical, colloidal, and technological properties of waxy corn.  
Biokhim.zerna no.5:184-205 '60. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy  
promyshlennosti!

(Corn (Maize))

LYUSHINSKIY, V.V., nauchnyy sotrudnik

Susceptibility of hemp to broomrape and the flea beetle  
*Psylliodes attenuata*. Zashch. rast. ot vred. i bol. 7 no.10:  
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obl.

(Hemp--Disease and pest resistance)  
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