

POSTUPAL'SKAYA, Mariya Ivanovna; ARDASHNIKOVA, Sarra Donovna;
OBRUCHEV, V.V., nauchn. red.; BRUKHNOV, M., red.;
MIKHAYLOVSKAYA, N., tekhn. red.

Obruchev. Moskva, Molodaia gvardiia, 1963. 429 p. (Zhizn'
zamechatel'nykh liudei. Seriiia biografii, no.13(369))
(MIRA 17:3)

L. 39694-65 EWG(a)-2/EWG(c)/EWG(j)/EWG(r)/EWG(v)/EWT(l)/FS(v)-3 Ps-5 DD

ACCESSION NR: AP5006687

S/0219/65/059/002/0062/0063

AUTHOR: V. V. Postupayev

28
B

TITLE: Phosphorylation of fructose in rat skeletal muscles and liver in hypoxia

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 59, no. 2, 1965, 62-63

TOPIC TAGS: phosphorylation, hypoxia

ABSTRACT: A study was made of the influence of hypoxia based on the effect of low barometric pressure on the activity of fructokinase in rat skeletal muscles and liver. Male rats weighing 190 to 260 grams were used for the tests. The test rats were exposed to an atmospheric pressure of 190mm Hg for 1.5 hours. In contrast to the results in a previous investigation of glucokinase activity by the author, fructokinase activity did not change significantly under these conditions.

ASSOCIATION: kafedra biokhimii I Leningradskogo meditsinskogo instituta im. akad. I. P. Pavlova (Department of Biochemistry, First Leningrad Medical Institute)

Card 1/2

L 39694-65

ACCESSION NR: AP5006687

SUBMITTED: 10Oct63

ENCL: 00

SUB CODE: LS,PH

NO REF SOV: 003

OTHER: 007

Card 2/2 *PP*

ACC NR: AP6007753 EWT(1) SCTB DD

SOURCE CODE: UR/0301/66/012/001/0078/0081-

AUTHOR: Postupayev, V. V.; Maydanova, N. V.

2
B

ORG: Department of Biochemistry and Department of Inorganic Chemistry of the Khabarovsk Medical Institute (Kafedra biokhimii i kafedra neorganicheskoy khimii Khabarovskogo meditsinskogo instituta)

TITLE: The activity of glucose-6-phosphatase in the liver and kidneys of rats during acute hypoxia

SOURCE: Voprosy meditsinskoy khimii, v. 12, no. 1, 1966, 78-81

TOPIC TAGS: hypoxia, enzyme, corticosteroid agent, liver, kidney, rat, insulin

ABSTRACT: Experiments were conducted to determine the effect of hypoxia on glucose-6-phosphatase activity in the liver and kidneys of animals. White rats weighing 180-250 g were placed in a pressure chamber, where the pressure was gradually decreased to 200 mm Hg (approx. 10,000 m). The animals were killed upon removal from the pressure chamber, and tissue samples were taken from the organs investigated. The activity of the enzyme glucose-6-phosphatase was determined by the inorganic phosphate increase after 20 min of incubation at 37C with glucose-6-phosphate. One group of experimental animals received an insulin injection

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UDC: 616-008.922.1.04-07:616.36-008.931.422-074

L 21541-66

ACC NR: AP6007753

(4 units/kg of body weight) one hour before entering the pressure chamber. Data from normal rats showed a 1 1/2:1 ratio of glucose-6-phosphatase activity in kidneys and liver. Experimental results showed that hypoxia caused a definite and statistically reliable increase in glucose-6-phosphatase activity in rat liver (48.4% on the average), but did not alter the enzyme's activity in the kidneys. Possible explanations for the observed increase in the rate of glucose-6-phosphatase activity in the liver are suggested. Increased incretion of steroid hormones may activate the reaction in hypoxic conditions. The glucose-6-phosphatase in the kidneys is probably more resistant to the effect of these hormones. Experiments with insulin, which has an effect opposite to that of corticosteroids on the glucose-6-phosphatase of the liver, indirectly confirmed the hypothesis about the activating effect of corticosteroids on the enzymatic reaction during hypoxia. It was found that an insulin injection one hour before entering the pressure chamber counteracted the hypoxia-caused increase in glucose-6-phosphatase activity in the liver and somewhat decreased the enzyme's activity in the kidneys. Orig. art. has: 1 table. [JS]

SUB CODE: 06/ SUBM DATE: 22Aug64/ ORIG REF: 008/ OTH REF: 011/ ATD PRESS: 4219

Card 2/2 BLC

L 61566-65 EWT(1)/EED-2

ACCESSION NR: AP5012196

FO/0095/65/013/002/0171/0176

AUTHOR: Braginski, A. (Bragin'skiy, A.); Postupolski, T. (Postupol'skiy, T.)

TITLE: Instability of magnetic permeability of manganese ferrites under various conditions

SOURCE: Polska Akademia Nauk. Bulletin. Serie des sciences techniques, v. 13, no. 2, 1965, 171-176

TOPIC TAGS: communication equipment, constraint, ferrite core, zinc manganese ferrite core, magnetic permeability, permeability, amplitude, demagnetization, magnetic field, temporary instability, ferrite temporary instability estimation, temporary permeability instability, constraint

ABSTRACT: The initial permeability μ of manganese-zinc ferrites as a function of time and under constraints of varying amplitude from an alternating magnetic field was studied. A method for estimating the temporary instability of magnetic permeability after the effect of various constraints and after partial demagnetization in particular is derived. The method is applied to a particular case of incomplete demagnetization of Mn-Zn ferrites with high permeability. The method is considered

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L 61566-65

ACCESSION NR: AP5012196

to be generally applicable to various constraints affecting communication equipment with ferrite cores, and to be suitable for estimating the temporary instability of the ferrites. This requires solving the problem of equivalence of the various constraints as well as the problem of periodic constraints. This article is an abridgment of a report presented at the Congress on Reliability in Electronics held in Budapest Oct. 27-30, 1964. Orig. art. has: 12 formulas and 2 figures.

ASSOCIATION: Biuro Badawcze "Polfer," Warsaw ("Polfer" Research Laboratory)

SUBMITTED: 00

ENCL: 00

SUB CODE: EC, EM

NO REF SOV: 000

OTHER: 002

SP
Card 2/2

BRAGINSKI, Aleksander; POSTUPOLSKI, Tomasz

Temporary instability of the permeability of Mn-Zn ferrites
under magnetic amplitude forcings. Przegl elektroniki 5
no.11:609-616 N '64.

1. Polfer Works, Warsaw.

BRAGINSKI, Aleksander; POSTUPOLSKI, Tomasz

Temporary instability of the permeability of manganese-zinc ferrites. Przegl elektroniki 4 no. 10/11:651-658 O-N '63.

1. "Polfer," Warszawa.

DABROWSKI, Wieslaw, mgr., inz.; POSTUPOLSKI, Tomasz, mgr., inz.

Present status and requirements of standardizing oxide materials and magnetic elements used in teleelectricity. Normalizacja 29 no.11/12: 526-530. '61.

(Magnetic materials)

L 38138-65 EWT(1)/EED-2
ACCESSION NR: AP5001787

P/0053/64/000/011/0609/0616

AUTHOR: Braginski, A.; Postupolski, T.

TITLE: The time variation of the permittivity of Mn-Zn ferrites under magnetic forcing stresses 19
/8
B
21

SOURCE: Przegląd elektroniki, no. 11, 1964, 609-616

TOPIC TAGS: permittivity, permittivity variation, manganese ferrite, zinc ferrite, magnetic field, ferrite electromagnetic property, ferrite core

ABSTRACT: The paper discusses a new method for estimating the variation with time in the permittivity of Mn-Zn ferrites and choosing proper operating conditions when employing such ferrites under the magnetizing forcing stresses occurring when cores are completely demagnetized. Fundamental relationships are derived in terms of the permittivity disaccommodation, $(\mu_{t_1} - \mu_{t_2}) / \mu_{t_1} = DA$, where μ_{t_1} and μ_{t_2} are, respectively, the permittivity at time t_1 and t_2 after termination of complete demagnetization at the instant $t = 0$. A formula for estimating the time it takes for the permittivity to return to its value prior to forcing is derived. Two ring-shaped samples made of Zn-Mn ferrite were used for experimental tests: one with permittivity $\mu \approx 600$ (Ferroxide 604) and the other with $\mu \approx 800$ (Maferrit Card 1/A2).

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ACCESSION NR: AP5001787

of Hungarian origin). The measurements were made at temperatures from -28 to +30C. After complete demagnetization of the cores, a weak field of 5 millioerstedes at 10 kcps, the rest field, was applied during a time t_0 ranging from 10 to 10^4 sec. Then, during a time t_c of 20 sec., a field of partial demagnetization was applied, H_{dem} , which during 12 seconds gradually decreased to zero. The changes in core permittivity were automatically recorded from 5 to 500 seconds. Fig. 1 of the Enclosure shows the time variation of disaccommodation after a waiting time $t_0 = 1000$ sec., following the application of different forcing fields. The experimental data obtained are in good agreement with theoretical conclusions. The following problem is solved numerically: it is required that the decrease in permittivity of a Mn-Zn ferrite core with an initial μ (on the order of 1000 and a disaccommodation factor, $d = \Delta A / \log(t_2/t_1)$, of 1.5% not exceed 2% in a coercive field $H_c = 0.4$ oersteds, at a constant temperature, after a period of 10 years. The obtained solution to this problem is given as follows: the core must be stored for 9 years prior to exploitation, and then, during the exploitation time of 10 years, it must be protected against forcing fields exceeding 190 millioerstedes, maintaining a constant temperature. Orig. art. has: 6 figures and 17 formulas.

ASSOCIATION: "Polfer", Warsaw

Card 2/4

45346
S/181/63/005/002/028/051
B104/B102

24.7750

AUTHORS: Korsunskiy, M. I., and Postushuk, N. S.
TITLE: Adhesion levels in amorphous selenium doped with mercury
PERIODICAL: Fizika tverdogo tela, v. 5, no. 2, 1963, 559-563

TEXT: The kinetics of the photoconductivity of amorphous selenium with Hg impurities was studied in the ranges 360 - 460 mμ and 600 - 720 mμ at different light intensities and temperatures. The photoconductivity-relaxation curves were found to be S-shaped (FPT, 3, 8, 1961; 2, 3, 1960) like the relaxation curves of the monopolar photoconductivity in CdS single crystals observed by Ryvkin and Paritskiy. This proves the existence of adhesion levels with 0.37 ev in amorphous selenium. Some parameters of the semiconductor were estimated from the S-curve by a method suggested by Paritskiy and Ryvkin. The adhesion level concentration is $2 \cdot 10^{13} \text{ cm}^{-3}$. The quantum yield between 360 and 460 mμ is $2 \cdot 10^{-2}$ and the carrier lifetime is $>0.0017 \text{ sec}$, and between 600 and 720 mμ it is $8.5 \cdot 10^{-5}$ and $>0.31 \text{ sec}$, respectively. The effective carrier

Card 1/2

KLENINA, N.V.; POSTYAKOV, A.P.; DUDNIKOV, A.I.

Preparation of foot-and-mouth disease virus antigens for gel precipitin tests. Acta virol. 8 no.5:478 S '64.

1. The Ukrainian Scientific Research Institute of Experimental Veterinary Medicine, Kharkov, Ukrainian S.S.R.

MEZEI, Bela, dr.; Sz. POSTYENYI, Katalin, dr.; VARKONYI, Peter, dr.

The increase of insulin sensitivity with ganglionic-blocking agents
in insulin shock therapy. I. Hexamethon. Idegyogy. szemle 14
no.4:108-112 Ap '63.

1. Szekesfehervari Varosi es Megyei Korhas Ideg-Elmeosztalyanak koz-
lemeny. (Igazgato: Szoro Zoltan dr.).
(SHOCK THERAPY, INSULIN) (HEXAMETHONIUM COMPOUNDS)

MEZEI, Bela, dr.; POSTYENYI, Katalin, dr.; VARKONYI, Peter, dr.

The increase of insulin sensitivity by ganglionic-blocking agents in insulin shock therapy. II. Synapleg. Ideggyog. szemle 14 no.4:111-112 Ap '63.

1. Szekesfehervari Varosi es Megyei Korhaz Ideg-Elmosztalyanak kozlemenye. (Igazgato: Szoro Zoltan dr.).
(SHOCK THERAPY, INSULIN) (SCHIZOPHRENIA) (PEMPIDINE)
(HEXAMETHONIUM COMPOUNDS)

POSTYK, V.V., KUOCHKIN, K.T., BAUM, B.A., KONOVALOV, AC., TIMCHENKO, N.F.

"Distribution of Hydrogen and Nitrogen in Steel Castings,"
lecture given at the Fourth Conference on Steelmaking, A.A. Baikov Institute of
Metallurgy, Moscow, July 1-6, 1957

KUROCHKIN, K.T., kand.tekhn.nauk; BAUM, B.A., inzh.; KONOVALOV, A.S., inzh.;
POSTYKA, V.V., inzh.

Gas moisture in open-hearth furnace combustion chambers and hydrogen
content in the metal. Metallurg 4 no.3:16-19 Mr '59. (MIRA 12:4)

1. Ural'skiy politekhnicheskii institut im. S.M. Kirova i Omskiy
zavod transportnogo mashinostroyeniya.
(Open-hearth furnaces)
(Steel-hydrogen content)

KUROCHKIN, K.T., dotsent, kand.tekhn.nauk; BAUM, B.A., inzh.; KONOVALOV, A.S.,
inzh.; POSTYKA, V.V., inzh.; TIMCHENKO, N.F., inzh.

Distribution of hydrogen and nitrogen in steel castings. Izv.vys.
ucheb.zav.; chern.met. 2 no.2:43-49 F '59. (MIRA 12:6)

1. Ural'skiy politekhnicheskiy institut i Omskiy mashinostroitel'nyy
zavod. Rekomendovano kafedroy metallurgii stali Ural'skogo
politekhnicheskogo instituta.
(Steel castings) (Gases in metals)

L-57765-65 EMP(z)/EFT(m)/EAT(d)/T/EWA(d)/EMP(t) EWP(b) MJW/JD

ACCESSION NR: AR5012864

UR/0276/65/000/004/B035/B035
621.785.533

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya. Svochnyy tom, Abs. 4B294

26
3

AUTHORS: Kuznetsov, L. I.; Petrakova, E. S.; Postyka, V. V.; Paramonova, M. V.; Yevl'son, G. Ye.

TITLE: Nitrogen case hardening of heavy duty gears

CITED SOURCE: Sb. Liteyn. proiz-vo i term. obrabotka. Omsk, 1964, 169-180

TOPIC TAGS: gear, case hardening, nitrogen case hardening, carburizing, heat treatment/ 20Kh2N4A steel, 18Kh2N4VA steel

TRANSLATION: It is shown that gas carburizing of ¹gears made of steels 20Kh2N4A and 18Kh2N4VA may be replaced by nitrogen case hardening. The optimal conditions: for details with the nominal layer depth of 0.8-1.5 mm -- nitrogen case hardening at the temperature of 900C, ammonia consumption 6 liters/minute; for details with layer depth of 1.5 mm -- nitrogen case hardening at the temperature of 920-930C, ammonia consumption 4-5 liters/minute. The advantages of the exchange: shortening of time spent on thermochemical treatment; a possibility of eliminating normalization from

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L-57765-65

ACCESSION NR: AR5012864

the cycle of subsequent heat treatment; shortening of the heat treatment time after nitrogen case hardening by diminishing the holding time in high temperature tempering from 7 to 3.5-4 hours. A drawing of apparatus for nitrogen case hardening is presented. Five illustrations and a bibliography of 19 entries are included.

SUB CODE: IE

ENCL: 00

Card 2/2

S/128/62/000/005/003/005
A004/A127

AUTHORS: Babich, Ye.P.; Saburov, V.P.; Postyka, V.V.
TITLE: Formation of screen-like porosity in steel castings
PERIODICAL: Liteynoye proizvodstvo, no. 5, 1962, 30 - 32

TEXT: The authors describe the phenomenon of screen-like porosity in steel castings and a number of characteristic features connected with it. They refer to extensive investigations carried out to elucidate the various factors leading to a formation of screen-like porosity. The process of screen-like porosity formation consists of four periods, the first of which lasts from the moment of the liquid metal being poured into the mold up to the formation of a solid skin on the casting surface. The second period starts simultaneously with the first and extends from the beginning of the interaction between the mold humidity and the liquid metal to the point when the molding sand becomes completely dry. The third period sets in immediately after the second when the free hydrogen either escapes into the air or dissolves in the metal, where its concentration might attain 0.0024%. The fourth period begins when the first is

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Formation of screen-like porosity in steel castings

S/128/62/000/005/003/005
A004/A127

drawing to a close, and if this occurs prior to the termination of the second and third period, a high hydrogen concentration remains underneath the forming solid skin. The authors give a detailed description of the mechanism and the conditions of the formation of screen-like porosity, comment on tests being carried out with specially prepared specimens and point out that the greatest amount of pores formed with a medium wall thickness of the casting, which corresponds to the conditions of the peculiar maximum of screen-like porosity. If the carbon content of the steel casting is raised, the possibility of the formation of screen-like porosity is considerably reduced on account of the increased tendency of low-carbon steels to oxidation and a reduction of the melting temperature of steels with an elevated carbon content. The harmful effect of a high humidity of the mold is also emphasized and was confirmed in appropriate tests. If the steel is poured into dry molds the necessary conditions for the formation of screen-like porosity do not prevail, and the specimens cast in dry molds were free from porosity. In their conclusion, the authors stress the point that the formation of screen-like porosity is caused by the simultaneous presence in the steel of hydrogen and ferrous oxide during the formation of the solid skin, i.e., in amounts which exceed the critical magnitude, and by the duration of the in-

Card 2/3

POSTILYAKOV, G. K.

PA 41T26

USSR/Engineering
Metallurgy - By-products
Road Materials

Jan 1948

"Production of Cinder Block at the Chusovsk Works,"
G. K. Postilyakov, I. A. Glyzin, Engineers, 1 p
Chusovskiy Metallurgical Plant.
"Stal'" No 1

In Jun 1946 tests were conducted at the Chusovsk Metallurgical Works to determine the possibility of using titanium dome furnace cinders as a base for road cinder block. Discusses the results of the tests. States that the blocks fulfilled all the requirements set up by GOST, and observes that storage of these blocks outside, even under winter conditions will not lower the quality.

41T26

USSR / Human and Animal Physiology. Carbohydrate Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69851

Author : Lazarev, G. I.; Firsunkova, S. Ya., Postylyakova, R. I.;
Grivina, V. V.

Inst : Kostromsk Agricultural Institute

Title : Conditioned Reflex Influence on the Blood Sugar Level and
on the Formed Elements of the Blood

Orig Pub : Tr. Kostromsk. s.-kh. in-ta, 1957, No 1, 117-121

Abstract : No abstract given

Card 1/1

SIMIRENKO, Lev Platonovich [deceased]; SHEPEL'SKIY, A.I., kand. sel'-khoz. nauk, glav. red.; KOVTUN, I.M., kand. sel'khoz. nauk, zam. glav. red.; POSTYUK, A.V., zam. glav. red.; RODIONOV, A.P., doktor biol. nauk, zam. glav. red.; DEM'YANETS, Ye.F., starshiy nauchnyy sotr., red. toma; LISOVENKO, L.T., kand. biol. nauk, nauchnyy sotr., red. toma; NIKONENKO, M.N., kand. biol. nauk, red. toma; POSTOYUK, A.V., red.; DEREVYANKO, G.S., tekhn. red.

[Pomology in three volumes; apple, pear, stone fruits] Pomologia v trekh tomakh; iablonia, grusha, kostochkovye porody. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk. Vol.1. [Apple] Iablonia. 1961. 578 p. (MIRA 15:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut sadovodstva (for Dem'yanets, Lisovenko).

(Apple--Varieties)

POSUN'KO, A.G.

Exponent n in the formula for calculating the intensity of showers for Transcaucasia and the computation curve of the shower parameter of different durations. Izv. AN Arm.SSR. Geol.i geog.nauki 16 no.4/5:177-178 '63.

POSTNIKOV, L.L.

Effect of higher concentrations of CO₂ on the respiration of
Romanov and Karakul sheep. Trudy Inst. fiziol. AN Kazakh. SSR.
4:142-147 '63. (MIRA 17:10)

POSUTMAN, V.

Always together. NTO no.12:35 D '59

(MIRA 13:3)

1. Predsedatel' soveta Nauchno-tekhnicheskogo obshchestva, g.
Balakhna, Gor'kovskaya oblast'.

(Gorkiy Hydroelectric Power Station--Technological innovations)

POSUTMAN, V. M.

18660

USSR/Elec Power Plant 4501.0500 Nov 1947

"Gogres (Gorkiy State Regional Power Plant) on the Thirtieth Anniversary of the October Revolution,"

V. M. Posutman, Engr, 1 1/2 pp

"Elek Stantsii" Vol XVIII, No 11

Describes technical changes in equipment made at Gogres since its construction in 1925. Mentions numerous engineers and other workers connected with the installation.

IC

18660

GASPAR, László, dr., okleveles mérnök, a muszaki tudományok kandidátusa;
ZSILA, Géza, okleveles mérnök; TESY, János, okleveles mérnök,
tudományos munkatárs; POSVAR, J., dipl. ing. (Brno, Czechoslovakia)

Current questions of soil stabilization. Melyepitestud
szemle 14 no.12:542-544 D '64.

1. Head, Laboratory of Soil Mechanics of the Road Research
Institute, Budapest (for Gaspar). 2. Head, Highway Directorate,
Kecskemét (for Zsila). 3. Highway Main Directorate of the
Ministry of Transportation and Postal Affairs, Budapest (for
Tesy).

POSVAR, Jiri, inz., CSc.; SIR, Josef, inz.

Reinforcement of nondurable roads with local material. Siln
doprava 11 no.7:2-5 '63.

1. Vyzkumny ustav dopravní (for Posvar).
2. Silnicni vyvoj Brno (for Sir).

POSVIANSKII, P., comp. Pokushenie na Kenina...1925.

The attempt on Lenin's life on August 18, 1918. 2. ed. rev. and enl. Pod red. N. Ovsiannikova i St. Krivtsova, Moskva Novaia Moskva, 1925. (Biblioteka raboche-krest'ianskoi molodezhi)

POSVIANSKII, P., comp. Pokushenie na Lenina...1925. (Card 2)

The attempt on Lenin's life on August 18, 1918. 2. ed. rev. and enl. Pod red. N. Ovsiannikova i St. Krivtsova. Moskva Nováia Moskva, 1925. (Biblioteka raboche-krest'ianskoi molodezhi)

1. FOSVKANSKIY, P. B.
2. USSR (600)
4. Physicians
7. Aleksandr Samoilovich Rozenblium: 50th anniversary of death. Zhur. nevr. i psikh. 53 No. 2, 1953.

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

С. С. С. С.

Hides & Skins

Conveyer system in finishing operations of sheepskin. Leg. prom., No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 195~~8~~², Uncl.

1. POSVOL'SKAYA, D.S. ENG.; STRIKHLAR', R.I.
2. USSR (600)
4. Fur
7. Studying the cutting of patterns for collars from dyed fox skins according to engineer Kovalev's method. Leg.prom no. 12, 1952

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

POSVOL'SKAYA, D. S., SHIROKOV, P. P.

Leather Industry

Plan for mechanizing the transportation of rabbit skins in the scraping-pickeling section. Leg. prom. 12 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

NIKOL'SKIY, B.P.; BOGOL'SKIY, M.V.; LYUBTSEV, R.I.

Study of complex formation by means of dialysis. Part 2: Deriving an equation for the determination of the reaction equilibrium constant. Radiokhimiya 7 no.5:576-579 '65.

Complex formation studied by means of dialysis. Part 3: Determination of the first constant of hydrolysis of cadmium and zinc acetate. Ibid.:623-625 (MIRA 18:10)

POSVYANSKIY, Aleksandr Davidovich; RYZHOV, Nikolay Nikolayevich;
Prinimal uchastiye RYZHOV, N.N.; BOCHAROVA, Yu.F., red.
izd-va; VORONINA, R.K., tekhn. red.

[Problems in descriptive geometry] Sbornik zadach po na-
chertatel'noi geometrii. Pod red. N.F.Chetverukhina. Izd.2.
Moskva, Vysshaya shkola, 1963. 288 p. (MIRA 16:4)
(Geometry, Descriptive)

POSVYANSKIY, A. D.

"Vector-Vector Methods in Descriptive Geometry and Their Technical Applications."
Thesis for degree of Cand. Technical Sci. Sub 22 Jun 49, Moscow Machine Tools
Inst imeni I. V. Stalin

Summary S2, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

POSVYANSKIY, Aleksandr Davydovich; FEDOTOV, G.I., nauchn. red.;
BOCHAROVA, Yu.F., red.

[Brief course in descriptive geometry] Kratkii kurs nachertatel'noi geometrii. Izd.2., perer. Moskva, Vysshaya shkola, 1965. 236 p. (MIRA 18:4)

SOV/124-57-5-5125

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 4 (USSR)

AUTHOR: Posvyanskiy, A. D.

TITLE: Geometric Indications of the Linear Independence of Motors From
Their Representation on Drawings (Geometricheskiye priznaki
lineynoy nezavisimosti motorov po ikh izobrazheniyam na chertezhe)

PERIODICAL: Tr. Dal'nevost. politekhn. in-ta, 1954, Nr 43, pp 247-259

ABSTRACT: Bibliographic entry

Card 1/1

~~POSVYANSKIY, A.D.~~; RYZHOV, N.N.; CHETVERUKHIN, N.F., redaktor; TSVETKOV,
A.T., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[A collection of problems in descriptive geometry] Sbornik zadach
po nachertatel'noi geometrii. Pod red. N.F.Chetverukhina. Moskva,
izd-vo tekhniko-teoret. lit-ry, 1956. 280 p. (MLRA 10:3)
(Geometry, Discriptive--Problems, exercises, etc.)

POSVYANSKIY, Aleksandr Davydovich; FEDOROV, G.I., nauchnyy red.;
SHELKOV, N.I., red. izd-va; YEZHOVA, L.P., tekhn. red.

[Brief course in descriptive geometry] Kratkii kurs nachertatel'noi geometrii. Moskva, Gos. izd-vo "Vysshaya shkola,"
1961. 270 p. (MIRA 15:3)
(Geometry, Descriptive)

ПОСВОЛ'СКИЙ, М. В.

MAZUROV, S.M.; POSVOL'SKIY, M.V.; YANOVSKIY, V.V.

Research in the field of obtaining new heavy liquids for analyzing
spore-pollen, diatoms, and minerals. Razved.i okh.nedr 21 no.6:
16-20 N-D '55. (MLRA 9:12)

(Halides) (Mineralogy, Determinative) (Paleobotany)

NIKOL'SKIY, B.P.; POSVOL'SKIY, M.V.; KRYLOV, L.I.

Partial thermodynamic equilibria in nonequilibrium systems. Part 1: Reaction of plutonium with hydrogen peroxide in the presence of various ligands. Radiokhimiia 7 no.3:298-305 '65. (MIRA 18:7)

NIKOLAEV, B.D., POVOL'SKIY, M.V., LYUBTSEV, R.I.

Study of complex formation by the dialysis method. Part 1:
Theoretical basis for the possible use of dialysis in
studying complex-forming processes. Radiokhimiya 7 no.4:
405-410 1965. (MIRA 18:8)

POSVOL'SKIY, M. V.

27182. BERSENEV, A. S., POSVOL'SKIY, M. V. - Ratsional'naya smazka kolets krutil'nykh vaterov. Tekstil. Prom-st', 1949, No. 3. s.36-38.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

POSTYOL'SKIY, M.V. i BERDNEV, A.G.

07102

Retsiona-L'naya Smazka Kolets Krutil'nykh Vaterov. Tekstil. Prom-st', 1949,
No. 8, S. 36-39

SO: LETOPIS NO. 34.

POSVYANSKIY, P. B.

Posvyanskiy, P. B. - "Penicillin therapy in progressive paralysis," Trudy Tsentra in-ta psikhiatrii, Vol. IV, 1949, p. 281-308

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

USSR/AMBY IV, P. 4.

USSR/Medicine - Pschiatry
Public Health

Jan/Feb49

"A new Stage in the Development of Soviet Psychiatric Organization," G. G. Karanovich,
Hon Dr RSFSR, Cen Inst of Psychiatry, Min of Pub Health RSFSR, 6 pp

"Nevropatol i Psikhiat" Vol XVIII, No 1

Soviet psychiatric organization is divided into stages: (1) restoration of prerevolutionary institutions, training of staffs and introducing psychiatric departments into existing hospitals, and (2) organization of this network and its methods, initiated by decree of the Board, People's Commissariat for Health RSFSR, 28 Apr 32. Gives statistics on number of doctors, mortality rate, etc. Criticizes existing methods and states requirements. Compares US hospitals unfavorably. Dir, Cen Inst of Psychiatry: P. B. Posvyanskiy.

PA 149T71

1. ПОЗВЯНСКИЙ, П. Б.
2. USSR (600)
4. Rozenblium, Aleksandr Samolovich, 1866-1903.
7. Aleksandr Samoilovich Rosenblium: 50th anniversary of death, Zhur. nevr. i psikh. 53, No. 2, 1953.

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

FOJVIANSKIY, F.B.

Occupational Diseases

Dissertation: "Modern Problems of Diagnosis, Clinical Treatment and Therapy of Paresis." Dr Med Sci, Central Inst for the Advanced Training of Physicians, 23 Mar 54. (Vechernyaya Moskva, Moscow, 13 Mar 54).

SO: SUM 213, 20 Sep 54

Posvyanskiy, P.B.

POSVYANSKIY, P.B.

J.Wagner-Jauregg; on the 100th anniversary of his birth. Zhur.zevr.
i psikh. 57 no.8:1035-1037 '57. (MIRA 10:11)
(WAGNER-JAUREGG, JULIUS, 1857-1940)

POSVYANSKIY, P.B.

Pseudoparalytic syndrome in vascular diseases of the brain. *Trudy*
Gos. nauchno-issl. inst. psikh. 22:201-222 '60. (MIRA 15:1)

1. Dispansernoye otdeleniye instituta psikhologii Ministerstva
zdravookhraneniya RSFSR (zav. otdeleniyem - doktor med.nauk P.B.
Posvyanskiy) i klinika sosudistykh psikhozov (zav. - prof.
V.M.Banshchikov) Gosudarstvennogo nauchno-issledovatel'skogo
instituta psikhologii Ministerstva zdravookhraniya RSFSR.
(CEREBROVASCULAR DISEASE) (PARALYSIS)

POSVYANSKIY, P.B.; ZAYTSEV, D.A.

Information. Zhur. nevr. i psikh. 64 no.8:1265 '64.

(MIRA 17:12)

RAMKHEN, I.F.; FEDOTOV, D.D., prof., otv.red.; POSVYANSKIY, P.B., prof. otv. red.; GOFMAN, K.G., kand.med.nauk, red.; RAVKIN, A.G., kand.med.nauk. red.

[Cooping treatment of the morphine abstinence syndrome using cholinolytic and curarelike substances; a methodological letter]
Kupirovanie morfiinoy abstinentsii kholinoliticheskimi i kurarepodobnymi preparatami; metodicheskoe pis'mo. Moskva, 1965. 23 p.
(MIRA 18:8)

i. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut psikiatrii.

YEFIMOV, A.N., glav. red.; BACHURIN, A.V., red.; VOLODARSKIY, L.M., red.; GERSHBERG, S.R., red.; GINZBURG, S.Z., red.; DUNDUKOV, G.F., red.; KIRZENER, D.M., red.; KLIMENKO, K.I., red.; KOMAROV, F.V., red.; KOROL'KOV, A.N., red.; KIYLOV, P.H., red.; LIVANSKAYA, F.V., red.; LOKSHIN, E.Yu., red.; OSTROVITYANOV, K.V., red.; POSVYANSKIY, S.S., red.; PRUDENSKIY, G.A., red.; RAZUMOV, N.A., red.; RUMYANTSEV, A.F., red.; TATUR, S.K., red.; SHUKHAL'TER, L.Ya., red.; BAZAROVA, G.V., starshiy nauchnyy red., kand. ekon. nauk; KISEL'MAN, S.M., starshiy nauchnyy red.; GLAGOLEV, V.S., nauchnyy red.; TUMANOVA, N.L., nauchnyy red.; BLAGODARSKAYA, Ye.V., mlad. red.; SHUSTROVA, V.M., mladshiy red.; GAYDUKOV, Yu.A., kand. ekon. nauk, red.; ZBARSKIY, M.I., red.; LOZOVOY, Ya.D., red.; SERGEYEV, A.V., dots., red.; KHEYFETS, L.M., kand. tekhn. nauk, red.; LYUBOVICH, Yu.O., kand. ekon. nauk, red.; SYSOYEV, P.V., red.; KOSTI, S.D., tekhn. red.

[Economic encyclopedia; industry and construction] Ekonomicheskaia entsiklopediia; promyshlennost' i stroitel'stvo. Chleny red. kollegii: A.V.Bachurin i dr. Moskva, Gos.nauchn. izd-vo "Sovetskaiia entsiklopediia." Vol.1. A - H. 1962. 951 p. (MIRA 15:10)

(Russia--Industries--Dictionaries)
(Construction industry--Dictionaries)

KOLDOBSKIY, A.G.; MEDVEDEV, S.I.; PISKOPPEL', F.G.; YAKOBSON, M.G. Primali uchastiye: BERKHIN, I.B.; OSKOVSKAYA, Ye.S.; PEREKISLOVA, A.M.; LITVIN, V.M.; PARKHOMENKO, Ye.V.; STOTIK, A.M.; SHAPIRO, T.I.; STRUMILIN, S.G., akad., glav. red.; ALEKSENKO, G.V., red.; ANISIMOV, N.I., red.; VOLODARSKIY, L.M., red.; GERSHBERG, S.R., redaktor; red.; PETROV, A.I., red.; POSVYANSKIY, S.S., red.; BAZAROVA, G.V., kand. ekonom. nauk, starshiy nauchnyy red.; KISEL'MAN, S.M., starshiy nauchnyy red.; LIVANSKAYA, F.V., kand. ekonom. nauk, starshiy nauchnyy red.; GLAGOLEV, V.S., nauchnyy red.; NEDBAYEV, V.I., nauchnyy red.; TUMANOVA, N.L., nauchnyy red.; TOVMASYAN, M.E., red.; BLAGODARSKAYA, Ye.V., mladshiy red.; SHUSTROVA, V.M., mladshiy red.; ZENTSEL'SKAYA, Ch.A., tekhn. red.

[The economic life of the U.S.S.R.; chronicle of events and facts, 1917-1959] Ekonomicheskaya zhizn' SSSR; khronika sobytii i faktov 1917-1959. Glav. red. S.G.Strumilin. Chleny red. kollegii: AlekSENKO i dr. Moskva, Gos. nauchn.izd-vo "Sovetskaya entsiklopediya," 1961. 779 p. (MIRA 14:10)

1. Tsentral'naya nauchnaya sel'skokhozyaystvennaya biblioteka Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. Lenina (for Litvin, Parkhomenko, STOTIK, Shapiro).

(Russia--Economic conditions)

POSYADA, B.I.

135-9-20/24

AUTHORS: Yermolenko, N.P., Posyada, B.I., and Nemtsov, N.S., Engineers

TITLE: Health Protection During Electric Welding Operations (Ozdorovleniye usloviy truda pri elektrosvarochnykh rabotakh)

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 9, p 37-39 (USSR)

ABSTRACT: The article discusses the harmfulness of gases and dust containing quartz, manganese and iron compounds and describes the welder's masks employed by the plant imeni Il'ich. Description of several specific mask designs is given for work conditions inside closed vessels (RR tank cars), for external work, for work on large structures, and with air pre-heating for winter work. Forced air feed is used in three models while in one a 50 cm long hose hanging down into clean air is utilized. The description of all masks is detailed and illustrated. One half-mask model on a welder's shield provides complete protection against gas and dust. It is now series-produced at the plant concerned, and over 500 pieces have been handed out to workshops for use. It is stated that the masks constitute a certain inconvenience to the welder and cause comparatively high costs for the

Card 1/2

POSYADA, V.S.; TITOV, A.M.

Experience in introducing prefabricated reinforced concrete construction. Mekh.trud.rab. 8 no.7:8-11 O-N '54. (MLRA 8:1)

1. Glavnyy tekhnolog tresta Zaporozhatroy (for Posyada).
2. Nachal'nik tekhnicheskogo otdela tresta (for Titov).
(Precast concrete construction)

POSYADA, V.S.; BABAYEV, V.G.

Making precast reinforced concrete elements in proving grounds.
Sbor.mat. o nov.tekh. v stroi. 16 no.9:6-8 '54. (MLRA 7:12)

1. Glavnyy tekhnolog tresta Zaporozhstroy (for Posyada).
2. Glavnyy tekhnolog tresta Krivorozhskoy (for Babayev).
(Precast concrete construction)

LAVRENT'YEV, S., inzh.; POSYADA, Yu., inzh.

New convex slabs for hipped roofs. Stroitel'noe arkhit. 8 no.6:
32-3 of cover Je '60. (MIRA 13:6)
(Concrete slabs)

POSYADA, Yu.N.; DONDYSH, A.M.

Construction of foundations for large-panel apartment houses
on sagging soils in Zaporozh'ye. Osn., fund. i mekh. grun. 3
no.5:3-4 '61. (MIRA 14:11)

(Zaporozh'ye--Foundations).
(Zaporozh'ye--Apartment houses)

LAVRENT'YEV, S.D., inzh.; POSYADA, Yu.N., inzh.

Foamed slag concrete for reinforced elements. Bet.i zhel.-bet.
8 no.9:411-414 S '62. (MIRA 15:12)
(Lightweight concrete—Testing)

POSYADA, Yu.N., inzh.

Concreting blast-furnace foundations at the "Zaporozhstal'" Plant.
From. stroi. 37 no.11:29-31 N '59. (MIRA 13:2)

1. Trest Zaporozhstroy.
(Zaporozh'e--Blast furnaces) (Foundations)

POSYADA, Yu.N., inzh.; CHICHKOV, P.V., inzh.

Making, assembling, and testing prestressed 30 m. girders. Bet.1
zhel.-bet. no.12:567-568 D '60. (MIRA 13:11)
(Girders)

ACC NR: AR7005027 (✓) SOURCE CODE: UR/0398/66/000/007/B001/B002

AUTHOR: Verzhbitskaya, L. V.; Kuznetsov, V. V.; Posyagin, G. S.

TITLE: Cathodic protection of steel in river water

SOURCE: Ref. zh. Vodnyy transport, Abs. 7B4

REF SOURCE: Tr. Yestestvennonauchn. in-ta pri Permsk. un-te, v. 11, no. 3, 1965, 79-84

TOPIC TAGS: water, inland, steel, magnesium, waterway, cathode polarization /Steel 3, ML-5 alloy

ABSTRACT: The magnitudes of protective currents and the protective potentials of St-3 steel in Kama River water during cathodic polarization with external current are determined. A model study was made of the changes in the potential during polarization of wares with simple and intricate shape. It has been determined that it is possible to use cathodic protection with an external current together with magnesium protectors of ML-5 alloys. Formation of salt deposits on the surface

Card 1/2

UDC: 620.193.2

ACC NR: AR7005027

of the steel has been observed. The role of the salt film in the protection of steel from corrosion by external current is determined. Orig. art. has: 3 figures, and 1 table. The bibliography has 4 references. [Translation of abstract] [GC]

SUB CODE: 11, 08/

Card 2/2

ACC NR: AR6034810 (N) SOURCE CODE: UR/0398/66/000/008/V008/V008

AUTHOR: Verzhbitskaya, L. V.; Kuznetsov, V. V.; Posyagin, G. S.

TITLE: Cathodic protection for steel in river water

SOURCE: Ref. zh. Vodnyy transport, Abs. 8V45

REF SOURCE: Tr. Yestestvenno-nauchn. in-ta pri Permsk. un-te, v. 11, no. 3, 1965, 85-88

TOPIC TAGS: protective coating, cathodic protection, corrosion protection, steel corrosion

ABSTRACT: Coatings made of Kuzbass varnish, EKA-15 paint, foamed plastics, EP-15 epoxy enamel, epoxy compound, and cement have been tested for use in cathodic protective coatings of steel 3 against corrosion in water from the Kama River. It is established that EKP-15 paint, Kuzbass varnish, foamed plastic, and EP-15 enamel all disintegrate under the effect of superimposed current, while the epoxy compound and cement coating of Portland cement were found to be good insulating materials, and, can be used for cathodic coatings with external current in Kama River water. [Translation of abstract]

SUB CODE: 11, 13/
Card 1/1

UDC: 620.197.5

SARATOV AGRICULTURAL INST, SARATOV

POSYAVIN, A. T. -- "Characteristic Agricultural Growing Techniques for
Watermelon and Muskmelon in the Penzenskaya Oblast." Cand Agr Sci, 1953.
(RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

POSYAVIN, A. T.

"Characteristic Agricultural Growing Techniques for Watermelon and Muskmelon in the Penzenskaya Oblast." Cand Agr Sci, Saratov Agricultural Inst, Saratov, 1953 (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

POSYAVIN, A. T.

"Characteristic Agricultural Growing Techniques for Watermelon and
Muskmelon in the Penzenskaya Oblast." Cand Agr Sci, Saratov Agricultural
Inst, Saratov, 1953 (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

1957/11/10, A.T.

USSR/Cultivated Plants - Fodders.

i.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44180

Author : Posyavin, A.T.

Inst : -

Title : The Beds for Fodder Gourds and Melons.

Orig Pub : S. Kh. Povolzh'ya, 1957, No 6, 92-93.

Abstract : The training farm of the Penza Agricultural Institute conducted experiments on the sowing of fodder pumpkins, water melons and summer squash on 1.4 x 1.4 m bed with 1, 2, 3 and 4 plants per bunch. An average crop was obtained by leaving one plant of pumpkin and watermelon and 3-4 plants of summer squash in each cluster. The average weight of the fruits, the length of the trailing root and foliation decrease sharply with the increase in the number of plants in the nest. H.I. Grib

Card 1/1

- 97 -

CARD://

1. POSYAVIN, A. T.
2. USSR (600)
4. Penza Province - Melons
7. Growing watermelons and canteloupes in Pensa Province. Dost. sel'khoz. No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. POBYAVIN, A.T.
2. USSR (600)
4. Melons - Penza Province
7. Growing watermelons and canteloupes in Penza Province, Dost.sel'khoz. no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

POSYLIN, K.S.

Avtopogruschik UPI-3 (Vostn. Nash., 195 no. 3, p. 24-27)

The UPI-3 automatic loader.

DIC: 994. 44

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

POSYL'NIY, V. Ya.

Changes in the specific weight of coal in the process of metamorphism.
Dokl. AN SSSR 137 no.1:178-181 Mr-Apr '61. (MIRA 14:2)

1. Shakhtinskiy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
ugol'nyy institut. Predstavleno akademikom A.I.Yanshinym.
(Coal—Density) (Metamorphism (Geology))

POSYL'NYY, V.Ya.

Metamorphism of coal in the Ust'-Lesogorsk deposit on Sakhalin.
Sov. geol. 3 no. 9:141-144 S '60. (MIRA 13:11)

1. Shakhtinskiy nauchno-issledovatel'skiy ugol'nyy institut.
(Sakhalin--Coal geology)

POSYL'NIY, V.Ya.

Thermal metamorphism of coals. Geol. i geofiz. no.6:21-27 '60.
(MIRA 13:9)

1. Trast "Sakhalinuglegeologiya".
(Sakhalin--Coal geology) (Metamorphism (Geology))

AUTHORS: Kalishevich, T. G., Posyl'nyy, V. Ya. 20-119-4-38/60

TITLE: On the Absence of Interval in the Sedimentation Between the Cenozoic and the Mesozoic in the Region of Sinegorsk-Zagorsk on the Isle of Sakhalin (Ob otsutsvii pereryva v osadkonakoplenii mezhdru kaynozoyem i mezozoyem v rayone Sinegorska-Zagorska na Sakhaline)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 4, pp. 766 - 768 (USSR)

ABSTRACT: On the strength of the Sinegorsk-Zagorsk exposure several authors (References 1-3,9,11) came to a conclusion concerning the discordant stratification of the Maybutinskaya (Nizhneduyskaya) suite as marine sediments of Upper Cretaceous (Senonian stage) though they did not observe the contact of the Cretaceous and Tertiary sediments. Kurosava (Reference 5) said that there was no clear boundary of this kind. On the strength of newest investigations a detailed scheme of the exposure in question was determined. The author is of the same opinion as all previous researchers, that there is no interval in the mass which formerly had been classified to the Senonian stage. He found for the

Card 1/3

20-119-4-38/60

On the Absence of Interval in the Sedimentation Between the Cenozoic and the Mesozoic in the Region of Sinegorsk-Zagorsk on the Isle of Sakhalin

first time for Sakhalin a concordant stratification of the Eocene Nizhneduyskaya suite on older sediments and thus the absence of an interval, as mentioned in the title. The Senonian Sea still existed in Danian and Paleocene time, at least in this district, and had a normal salt content. A manifold marine fauna speaks in favor of this. Towards the end of Paleocene the water became shallow and brackish. Continental carboniferous sediments begin to accumulate in Eocene (Nizhneduyskaya suite). In spite of lacking interval, as above mentioned, an abrupt replacement of the fauna complex occurs: great Inocerami and ammonites occur in Senonian stage; they vanish in the higher lying mass which is 600 m thick. The reasons for this abrupt change of fauna are not yet known. There are 11 references, 4 of which are Soviet.

Card 2/3

20-119-4-38/60

On the Absence of Interval in the Sedimentation Between the Cenozoic and the Mesozoic in the **Region** of Sinegorak-Zagorsk on the Isle of Sakhalin

ASSOCIATION: Gosudarstvennyy soyuznyy geologicheskiiy trest Sakhalinugle-geologiya (State Union Geological Trust Sakhalinuglegeologiya)

PRESENTED: November 25, 1957, by S. I. Mironov, Member, Academy of Sciences, USSR

SUBMITTED: November 25, 1957

Card 3/3

POSYL'NIY, V.Ya.

Causes of the increase in the specific gravity of coals at the
lower stages of metamorphism. Khim.i tekhnol.i masl 6 no.1:32-42
Ja '61. (MIRA 14:1)

(Coal--Geology)

POSYL'NYY, V. Ya. Cand Geol-Min Sci -- (diss) "Composition and metamorphism
of Sakhalin coal." Rostov-on-Don, 1959. 21 pp (Rostov-on-Don Univ), 170 copies
(KL, 49-59, 138)

POSYL'NYY, V.Ya.; SAL'NIKOV, B.A.

Cyclic recurrent structure of Tertiary coal-bearing formations on Sakhalin. Izv.AN SSSR.Ser.geol.21 no.10:104-107 0 '56.

(MIRA 10:1)

1. Trest Sakhalinuglegeologiya Ministerstva ugol'noy promyshlennosti SSSR, g.Yuzhno-Sakhalinsk.

(Sakhalin--Coal geology)

POSYSAYEV, A., inzhener.

The TsNIL-3 mobile painting unit. ~~Secret~~ no.5:15-18 My '57.
(Painting, Industrial)

BERGMAN, A.G.; KISLOVA, A.I.; POSYPAYKO, V.I.

Complex formation and metathesis in ternary systems of the sulfates, tungstates, and metaborates of lithium and potassium. Doklady Akad. Nauk S.S.S.R. 88, 815-18 '53. (MLRA 6:2)
(GA 47 no.22:12090 '53)

POSYPAYKO, V. I.

USSR/Chemistry - Physical chemistry

Card 1/1 : Pub. 147 - 17/21

Authors : Bergman, A. G.; Kislova, A. I.; and Posypayko, V. I.

Title : About complex formation in a mutual tetra-system consisting of Li, K || Cl, SO₄, WO₄.

Periodical : Zhur. fiz. khim. 8, 1489-1496, Aug 1954

Abstract : In order to confirm the stability of complex $\text{Li}_2\text{WO}_4 \cdot \text{K}_2\text{WO}_4$ and $\text{LiSO}_4 \cdot \text{K}_2\text{SO}_4$ compounds in the composition of a mutual tetra Li, K || Cl, SO₄, WO₄ system, the authors investigated the "interior" of the composition prism of this system by means of three book-leaf type and five triangular cross sections. It was established that the liquidus surface of the system consists of six basic crystallization fields, two of which occupy areas of 10.0% and 21.8% and the remaining four - the fields of pure components. The internal structure of the investigated composition-prism of the tetra system, is described. Five references: 4-USSR and 1-German (1907-1953). Tables; diagrams.

Institution : The Agricultural Institute, Krasnodar

Submitted : February 2, 1954

POSYPAYKO, V. I.

USSR/ Chemistry Double decomposition

Card : 1/1 Pub. 151 - 7/33

Authors : Bergman, A. G., Kislova, A. I., and Posypayko, V. I.

Title : Double decomposition in the absence of the solvent. Part 1.- Tetra system consisting of LiCl , Li_2SO_4 , Li_2WO_4 , KCl , K_2SO_4 , K_2WO_4 .

Periodical : Zhur. ob. khim. 24/8, 1304 - 1314, August 1954

Abstract : A tetra system consisting of Li , K , Cl , SO_4 , WO_4 was investigated by visual thermal method to determine its double decomposition characteristics in the absence of the solvent. The liquidus and eutectics of the system was established at 348° and homeomorphous conversion of the Li_2Cl_2 branch was observed at 565° . The crystallization fields coincide in three mono-variant points, the compositions and temperatures of which are listed in one of the tables. Nine references: 8 USSR and 1 German (1907 - 1953). Graphs.

Institution : Agricultural Institute, Kuban

Submitted : February 17, 1954

POSYPAYKO, V. I.

USSR/Chemistry - Tetra-systems

Card 1/1 Pub. 151 - 5/37

Authors : Bergman, A. G.; Kislova, A. I.; and Posypayko, V. I.

Title : Double decomposition in the absence of the solvent. Part 2.- Tetra-system consisting of lithium and potassium chlorides, sulfates and tungstates

Periodical : Zhur. ob. khim. 24/10, 1722-1730, Oct 1954

Abstract : Five internal triangular sections in a composition-prism were investigated by a visual polythermal method to determine the dimensions of internal crystallization volumes and their disposition, tetrahedral form of the prism, composition and locations of tetra eutectic points of the system. The results obtained are described in detail. The dendritic form of crystallization of a tetra Li, K || Cl, SO₄, WO₄ system was determined. Three USSR references (1936-1954). Tables; graphs; drawings.

Institution : The Agricultural Institute, Kuban

Submitted : February 17, 1954

POSPAYKO, V. I.

6

Investigation of the ternary system of chlorides, sulfates,
and tungstates of lithium and potassium. I. A. G. Berg-
man, A. F. Kislov, and V. I. Pospayko. *J. Gen. Chem.*
U.S.S.R. 24, 1896-1903 (1954) (Engl. translation).--See
C.A. 49, 7951d. B. M. R.

3
PM

POSPAYKO, V.I.

USSR.

Investigation of the ternary system of chlorides, sulfates, and tungstates of lithium and potassium. I. A. G. Bergman, S. I. Kislova, and V. I. Pospayko (Kuban Agr. Inst.) *Zhur. Obshch. Khim.* 24, 1036-40 (1957); cf. *C.A.* 47, 12090c.—The ternary system Li || Cl, SO₄, WO₄, which is the upper base of the triangular prism of the quaternary system Li, K || Cl, SO₄, WO₄ (cf. *C.A.* 49, 7350a), was detd. by 7 internal cross sections: through Li₂WO₄, crossing the Li₂Cl-Li₂SO₄ side at 10, 40, 60, and 75 mol. % Li₂Cl; and through Li₂SO₄ and the Li₂Cl-Li₂WO₄ side at 65, 75, and 85 mol. % Li₂Cl. Isotherms were taken every 50°. The system exhibits a eutectic at 444° with 33% Li₂SO₄, 47% Li₂Cl, and 21% Li₂WO₄. The crystn. fields of α- and β-Li₂Cl occupy 23.38 and 3.06% of the total area, that of α- and β-Li₂WO₄, 8.81 and 41.51%, and that of α- and β-Li₂SO₄, 4.94 and 18.20%. I. Bencowitz

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POSYRAYKO, V.I.

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~~V Complex formation in a quaternary reciprocal system of
chlorides, sulfates, and tungstates of lithium and potassium.
A. G. Bergman, A. I. Kislova, and V. I. Posypayko (Agr.
Inst., Krasnodar). Zhur. Fiz. Khim. 28, 1489-90 (1954);
cf. C.A. 49, 7356a. — The fusion curves for the system Li^+ ,
 $K^+||Cl^-$, SO_4^{--} , WO_4^{--} show that 2 complex compds.
 $Li_2WO_4 \cdot K_2WO_4$ and $Li_2SO_4 \cdot K_2SO_4$ are formed. The crystn.
areas are analyzed in detail. J. Rovtar Leach~~

CH (2)

MA
7/15/57

BERGMAN, A.G.; KISLOVA, A.I.; POSYPAYKO, V.I.

Study of ternary systems of lithium and potassium chlorides, sulfates, and tungstates. Part 2. Zhur.ob.khim. 25 no.1:12-16 Ja '55.
(MIRA 8:4)

1. Kubanskiy sel'skokhozyaystvennyy institut.
(Chlorides) (Sulfates) (Tungstates)(Systems (Chemistry))

POSYPAYKO, V. I.

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