

KUZNETSOVA, Z.I.

Effect of sulfate-reducing and methane-forming bacteria on the gas and chemical compositions of subterranean waters in the Cheleken Peninsula. Vop. gidrogeol. i inzh. geol. no. 18:59-65 '59.

(MIRA 14:5)

(Cheleken Peninsula—Water, Underground—Bacteriology)

Kuznetsova, Z. I.

Origin of oil and oil deposits, By M. Ye. Al'tovskiy, Z. I. Kuznetsova and V. M. Shvets. New York, Consultants Bureau, 1961.

vii, 107 p. diags., graphs, tables.

Translated from the original Russian: Obrazovaniye nefi i formirovaniye neftyanykh zalezhey, Moscow, 1958.

Bibliography: p. 99-107.

KUZNETSOVA, Z.I.

Distribution and ecology of micro-organisms in deep underground waters in some territories of the U.S.S.R. Trudy Inst.mikrobiol. no.9:124-130 '61. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii (VSEGINGEO), Moskva.
(Water, Underground—Microbiology)

AL'TOVSKIY, Mikhail Yevgen'yevich; BYKOVA, Yelena Leonidovna; KUZNETSOVA, Zinov'ya Ivanovna; SHVETS, Vladimir Mikhailovich; KUZ'MINA, N.N.,
ved. red.; VORONOVA, V.V., tekhn. red.

[Organic matter and microflora of underground waters and their
significance in the processes of oil and gas formation]Organiche-
skie veshchestva i mikroflora podzemnykh vod. i ikh znachenie v
protssakh neftegazobrazovaniia. [By] M.E.Al'tovskii i dr.
Moskva, Gostoptekhizdat, 1962. 293 p. (MIRA 15:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gidro-
geologii i inzhenernoy geologii.

(Oil field brines--Analysis)

VOL'NOV, I.I.; TSENTSIPER, A.B.; CHAMOVA, V.N.; LATYSHEVA, Ye.I.; KUZNETSOVA,
Z.I.

Synthesis of oxygen-labeled hydrogen peroxide from dissociated
heavy oxygen water in a glow discharge. Zhur. fiz. khim. 38
no.5:1182-1187 My '64. (MIRA 18:12)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova.
AN SSSR. Submitted May 30, 1963.

TSENTS IPER, A.B.; KUZNETSOVA, Z.I.

Reaction of lithium peroxide with ethane. Izv. AN SSSR, Ser.
khim. no.11:2083-2085 '65. (MIRA 18:11)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova
AN SSSR.

L 8150-66 EWP(t)/EWP(b)/EWT(m)/EPF(c) IJP(c) JD/WW/JG/RM

ACC NR: AP5027693

SOURCE CODE: UR/0062/65/000/010/1902/1904

AUTHOR: Tsentsiper, A. B.; Kuznetsova, Z. I.

63

ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakova, Academy of Sciences SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: Thermal decomposition of lithium peroxide

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 10, 1965, 1902-1904

TOPIC TAGS: lithium compound, lithium oxide, solid solution, heat of decomposition, chemical reaction kinetics

ABSTRACT: The thermal decomposition of lithium peroxide under static conditions was investigated in the 270-320 C range to provide data for the kinetics of the reaction. The decomposition to lithium oxide and oxygen was followed by differential manometric measurements and was found to proceed without autoacceleration. A Li₂O₂-Li₂O solid solution was formed when more than about 50% of the lithium peroxide was decomposed. The apparent energy of activation of the lithium peroxide decomposition was calculated to be 50 kcal/mole. X-ray analysis was conducted by V. M. Bakulin and A. N. Zimin to support the conclusion

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UDC: 546.34+541.459+531.1

U 3150-06)

ACC NR: AP5027693

that a solid solution was formed. Orig. art. has: 1 figure, 2 tables
and 3 equations.

SUB CODE: IC/ SUBM DATE: 27Feb65/ ORIG REF: 004/ OTH REF: 001

nw

Card 2/2

KUZNETSOVA, Z.I., kand. tekhn. nauk

Studying the performance of sanitary engineering equipment in
apartment houses. Sbor. trud. NIIST no.11:106-112 '62
(MIRA 18:1)

KUZNETSOVA, Z.I., kand. tekhn. nauk; KARNNAUKHOVA, E. Yu.

Water mixers and water taps; their technical and hydraulic
characteristics. Sbor. trud. NIIST no.11:113-132 '62
(MIRA 18:1)

"APPROVED FOR RELEASE: 06/19/2000

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928230001-6"

OPALOVSKIY, A.A.; KUZNETSOVA, Z.M.; LUK'YANOVA, L.A.

Physicochemical study of the interaction of iodine pentoxide
with sodium and potassium fluorides. Izv. Sib. otd. AN SSSR
no.6:54-58 '62 (MIRA 17:7)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR, Novosibirsk.

OPALOVSKIY, A.A.; KUZNETSOVA, Z.M.; BATSANOV, S.S.

Study of the system $\text{NH}_4\text{F} - \text{MoO}_3 - \text{H}_2\text{O}$. Izv. Sib. otd. AN SSSR
no.9:46-53 '62. (MIRA 17:8)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR, Novosibirsk.

OPALOVSKIY, A.A.; KUZNETSOVA, E.M.

Isothermal solubility in the system $\text{NH}_4\text{F} - \text{UO}_3 - \text{H}_2\text{O}$. Radio-
khimiia 6 no.6:743-749 '64.

(MIRA 18:2)

И КУЗНЕЦОВА
LIRMAN, R.I.; KUZNETSOVA, Z.M.

Effectiveness of the method of conducting compound tuberculosis
checkups for working adolescents and youths. Sov.med. 21 Supplement:
10-11 '57. (MIRA 11:2)

1. Iz Khar'kovskogo instituta tuberkuleza.
(TUBERCULOSIS--DIAGNOSIS)

5.5210

77748
SOV/75-15-1-10/29

AUTHORS: Busev, A. I., Zholondkovskaya, T. N., Kuznetsova, Z. M.

TITLE: Separation of Gallium and Indium by the Diethyldithiocarbamate Method

PERIODICAL: Zhurnal analiticheskoy khimii, 1960, Vol 15, Nr 1, pp 50-56 (USSR)

ABSTRACT: Conditions of Ga and In separation by precipitating In with sodium diethyldithiocarbamate or extracting it with ethyl acetate were studied. A review of the literature dealing with the determination and separation of Ga and In is also given. The following solutions were used: standard gallium nitrate solution (1 mg Ga/ml); standard indium nitrate solution (2.5 mg In/ml); 2% aqueous sodium diethyldithiocarbamate solution; and the following buffer solutions:

0,2M CH₃COOH + 0,2M CH₃COONa, pH 3,72-5,57,

0,2M KCl + 0,2M HCl, pH 1,00-2,20,

0,2M H₂BO₃ + 0,05M Na₂B₄O₇, pH 7,09-9,11.

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Separation of Gallium and Indium by the Diethyl-
dithiocarbamate Method

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The data obtained show that quantitative precipitation of gallium with sodium diethyldithiocarbamate takes place at pH 2.7-5.0, but has no practical value since precipitation of many other elements also takes place under the same conditions. Precipitation of indium with sodium diethyldithiocarbamate is more selective;

tartrates, oxalates, and sulfosalicylic acid do not interfere. It was found that indium diethyldithiocarbamate can be quantitatively extracted with ethyl acetate at pH 3-5 in an excess of sodium oxalate. It is proposed to separate Ga and In by precipitating indium with sodium diethyldithiocarbamate or extracting it with ethyl acetate at pH 3-5 in an excess of sodium oxalate. Experimental error for In and Ga is 1-3% at a In/Ga ratio from 2:1 to 1:10. The results of Ga and In separation by precipitation are shown in Table 10. Separation of In and Ga by extraction is illustrated by data shown in Table 11. There are 11 tables; and 35 references, 8 U.S., 3 U.S., 3 U.K., 14 German, 1 Japanese,

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Separation of Gallium and Indium by the Diethyl- 77748
 dithiocarbamate Method SOV/75-15-1-10/29

Table 10. Precipitation of In with sodium diethyldithiocarbamate in the presence of gallium (at pH 3-4) in excess of sodium oxalate: (a) taken (mg); (b) ratio In: Ga; (c) In found (mg); (d) error of In determination; (e) absolute (mg); (f) relative (%); (g) Ga found (mg); (h) error of Ga determination; (i) absolute (mg); (j) relative (%).

a		b	c	d		g	h	
In	Ga			e	f		i	j
2.39	19.08	1:8	2.44	+0.05	+2.1	19.89	+0.21	+1.00
2.39	19.08	1:8	2.46	+0.07	+2.9	19.82	+0.14	+0.7
2.99	4.92	1:2	2.97	-0.02	-0.7	4.96	+0.04	+0.8
5.98	4.92	1:1	5.79	-0.19	-3.1	4.94	+0.02	+0.4
5.98	4.92	1:1	5.99	-0.02	-0.3	4.96	+0.04	+0.8
5.98	4.92	1:1	6.03	+0.05	+0.8	4.79	-0.13	-2.6
5.98	4.92	1:1	6.04	+0.06	+1.0	4.93	+0.01	+0.2
5.98	2.46	2:1	6.01	+0.03	+0.5	2.39	-0.16	-3.3
5.98	2.46	2:1	6.96	-0.08	-1.3	2.37	+0.04	+0.3

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Separation of Gallium and Indium by the Diethyl-
 dithiocarbamate Method

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 307/75-15-1-10/29

Table 11. Separation of In and Ga by extracting indium diethyldithiocarbamate with ethyl acetate in an excess of sodium oxalate (pH 3-5) (a) taken (mg), (b) ratio In: Ga, (c) found In (mg), (d) error of In determination, (e) absolute (mg), (f) relative (%), (g) found Ga (mg), (h) error of Ga determination, (i) absolute (mg), (j) relative (%)

a		b	c	d		g	h	
In	Ga			e	f		i	j
4.74	5.78	1 : 1	4.74	-	-	5.83	+0.02	+0.3
2.81	5.78	1 : 2	2.85	+0.01	+0.4	5.83	+0.02	+0.3
2.04	15.02	1 : 5	3.00	+0.06	+2.0	14.96	-0.06	-0.4
2.04	30.04	1 : 10	2.96	+0.02	+0.7	29.07	-0.07	-0.2

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Separation of Gallium and Indium by the Diethyl- 77748
dithiocarbamate Method SOV/75-15-1-10/29

1 French, 1 Czechoslovak, 7 Soviet. The 5 most recent U.S. and U.K. references are: Irving, H. M., Rossoti, F. G. C., Analyst 77, 801 (1952); Kraus, K. A., Nelson, F., Smith, G. W., J. Phys. Chem. 58, N 1, 11 (1954); Arden, T. W., Burstall, F. H., Davies, G. R., Lewis, J. A., Linstead, P. G., Nature 162, 691 (1948); Carvalho, R. G. de, Lederer, M., Analyt. chim. acta 15, Nr 6, 543 (1956).

ASSOCIATION: M. V. Lomonosov Moscow State University (Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova)

SUBMITTED: November 11, 1958

Card 5/5

OPALOVSKIY, A.A.; BATSANOV, S.S.; KUZNETSOVA, Z.M.

Physicochemical investigation of solid phases of the system
 $\text{NH}_4\text{F} - \text{UO}_3 - \text{H}_2\text{O}$, Radiokhimiya 7 no.5:589-596 '65.

(MIRA 18:10)

OPALOVSKIY, A.A.; BATSANOV, S.S.; KUZNETSOVA, Z.M.

Physicochemical study of the system $\text{NH}_4\text{F} - \text{WO}_3 - \text{H}_2\text{O}$. Izv.
AN SSSR. Ser. khim. no.12:2110-2116 D '63. (MIRA 17:1)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR.

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REF ID: A65018002

OPALOVSKIY, A.A.; KUZNETSOVA, Z.M.

Physicochemical study of the interaction of iodine pentoxide
with ammonium fluoride. Izv. Sib. otd. AN SSSR no.3:64-69
'62. (MIRA 17:7)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

OPALOVSKIY, A.A.; KUZNETSOVA, Z.M.

Photocolorimetric determination of uranium (VI) with arsenazo
"II in the presence of fluorine. Izv. SO AN SSSR no.3 Ser.
khim. nauk no.1:130-133 '65. (MIRA 18:8)

KUZNETSOVA, Z.H., agronom

Planning the management of the collective farm, Zemledelie 6 no.12:
66-68 D '58. (MIRA 11:12)

(Collective farms)

SHIPILOV, Mikhail Mikhailovich; KUZNETSOVA, Zoya Nikolayevn ,agr.; RYKINA, Antonina Nikolayevna; KOTORA, Vasilii Ivanovich; LEONOV, S., red.; POKHLEBKINA, M., tekhn. red.

[Agronomist]Agronom. [By] M.Shipilov i dr. Moskva, Mosk. ra-
bochi, 1962. 57 p. (MIRA 16:2)

1. Glavnyy agronom sovkhoza "Konstantinovo" Podol'skogo rayona (for Shipilov). 2. Kolkhoz "Bol'shevik" Podol'skogo rayona (for Kuznetsova). 3. Glavnyy agronom kolkhoza imeni Lenina Serebryano-Prudskogo rayona (for Rykina). 4. Glavnyy agronom oporno-pokazatel'nogo sovkhoza imeni Tel'mana Ramenskogo rayona (for Kotora).

(Agriculturists)

KUZNETSOVA, Zoya Nikitichna (1925-); MUSATOV, V., red.

[Leaders among row crop growers] Lidery propashnykh. Moskva, Mosk. rabochii, 1964. 42 p. (MIRA 17:4)

1. Inspektor-organizator Leninskogo proizvodstvennogo upravleniya Moskovskoy oblasti (for Kuznetsova).

К.И. Кузнецова
KUZNETSOVA, Z.N.

~~Gold plating without cyanide baths. Med.prom. 12 no.2:46-48 P '58.~~

(MIRA 11:3)

1. Mediko-instrumental'nyy ordena Lenina zavod "Krasnogvardeyets"
(GOLD PLATING)

~~KUZNETSOVA, Z. N.~~

Casein emulsion for protecting the hands from kerosene and gasoline.
Med.prom. 12 no.4:52-53 Ap '58. (MIRA 11:5)

1. Mediko-instrumental'nyy ordena Lenina zavod "Krasnogvardeyets."
(SKIN--CARE AND HYGIENE) (CASEIN)

KUZNETSOVA, Z.N.

Anode protection in nickel-plating baths. Med.prom 12 no.10:42-43
0 '58 (MIRA 11:11)

1. Mediko-instrumental'nyy ordena Lenina zavod "Krasnogvardeyets."
(NICKEL PLATING)

KUZNETSOVA, Z.N.

Analysis of various black coatings on steel articles. Med.prom. 13
no.11:41-43 N '59. (MIRA 13:3)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets."
(PROTECTIVE COATINGS)

KUZNETSOVA, Z.N.

Zinc coating of steel parts in an ammoniate electrolyte. Med. prom.
14 no.8:37-39 Ag '60. (MIRA 13:8)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets".
(ZINC PLATING)

VAYNSHTEYN, M.Z.; KUZNETSOVA, Z.N.

Electrolyte for glossy nickel plating with the simultaneous leveling
of the surface. Med. prom. 16 no.3:43-47 Mr '62. (MIRA 15:5)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets".
(NICKEL PLATING) (ELECTROLYTES)

KULAKOV, S.S.; KUZNETSOVA, Z.N.; DUDAREVA, N.F.

Packet method of setting and unloading ceramic stones.

Stroi. mat. 11 no. 12:19-20 D '65.

(MIRA 18:12)

1. Glavnyy inzhener Vitebskogo kombinata stroymaterialov (for Kulakov). 2. Nachal'nik otдела tekhnicheskogo kontrolya i laboratorii Vitebskogo kombinata stroymaterialov (for Kuznetsova). 3. Starshiy inzhener Vitebskogo kombinata stroymaterialov (for Dudareva).

SUBBOTINA, A.I.; KUZNETSOVA, Z.P.

Recovery of metals and their compounds from diluted solutions.
Part 3: Ion-exchange recovery of palladium. Trudy po khim.i
khim.tekh. no.1:149-152 '64.

(MIRA 18:12)

1. Submitted October 16, 1963.

Country : USSR
CATEGORY : General Problems of Pathology. Allergy
Abs. JOUR. : REBiol., No. 12 1958, No. 56280
AUTHOR : ~~Kuznetsova, L.I.~~
INST. : ~~USSR Medical Institute~~
TITLE : The Problem of the Disruption of Conditioned-
Reflex Activity of Animals (Dogs) in Anaphylaxis
ORIG. PUB. : Tr. Omskogo med. in-ta, 1957, No.21, 159-162
ABSTRACT : No abstract.

CARD: 1/1

SOV/124-58-8-9420

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 145 (USSR)

AUTHORS: Kusov, A.B., Kuznetsova, Z.P., Chernykh, Z.V.

TITLE: On the Change Produced by Heating in the Modulus of Extensibility of Rubber (Ob izmenenii modulya rastyazheniya reziny pri nagrevanii)

PERIODICAL: Tr. Leningr. tekhnol. in-ta im. Lensovet, 1957, Nr 42, pp 55-62

ABSTRACT: In experiments conducted with mixtures based on various types of India rubber the authors confirm that the heating of rubber subjected to stretching causes it initially to decrease in length (i.e., causes its modulus of extensibility to increase), but thereafter to increase in length---often very markedly (its modulus of extensibility then decreasing), until the rubber fails.

From the résumé

Card 1/1

KU L I V E T S O V I I

KOZIK, S.M.; KALININ, Yu.D., professor; AFANAS'YNA, V.I., kandidat fiziko-matematicheskikh nauk; PENKEVICH, M.S., kandidat fiziko-matematicheskikh nauk; GLUSHKOVA, Ye.P.; KUZNETSOVA, Z.S.; BELOUSOVA, M.A.; SOLOVYCHIK, A.A., tekhnicheskij redaktor

[Manual on variation in the magnetic field of the U.S.S.R.]
Spravochnik po peremennomu magnitnomu poliu SSSR. Pod red. V.I. Afanas'evol. Leningrad, Gidrometeor.isd-vo, 1954. 265 p. (MLRA 10:7)

1. Leningrad, Nauchno-issledovatel'skiy institut zemnogo magnetizma.
2. Nauchno-issledovatel'skiy institut zemnogo magnetizma (for Kalinin, Afanas'yeva, Belousova)
3. Tashkentskaya nauchno-issledovatel'skaya geofizicheskaya observatoriya (for Kozik).
4. Glavnaya Geofizicheskaya observatoriya (for Penkevich, Glushkova, Kuznetsova)
(Magnetism, Terrestrial)

KUZNETSOVA, Z. S.

37-12 4/12

AUTHOR: Penkevich, M. S., Glushkova, Ye. P., Kuznetsova, Z. S.

TITLE: Some Common Regularities in the Daily Variations of the Earth's Magnetic Field Established by Soviet Polar Observatories
(Nekotoryye obshchiye zakonomernosti sutochnykh variatsiy magnitnogo polya zemli po dannym Sovetskikh polyarnykh observatoriy)

PERIODICAL: Trudy Nauchno-issledovatel'skogo instituta zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln, 1957, Nr 12 (22), pp. 73-85 (USSR)

ABSTRACT: To analyze a very complicated pattern of magnetic variations in polar regions, long-range observations were studied in regard to declination (D), horizontal component (H), vertical component (Z), and the variations of total force (δF). The study covered both quiet and disturbed days, grouped into clusters of summer, winter and equinoctial observations. For quiet days the pattern of variations was steady, with only the amplitudes varying. This steady

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Some Common Regularities in the Daily Variations (Con't)

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pattern was, as a rule, sustained even on disturbed days, but some phenomena differed from those observed on quiet days, e.g., it was found that on the days of minimum magnetic activity (quiet days), a twin wave appeared which was not seen on days of maximum magnetic activity. The article examines the relationship between magnetic amplitudes and solar and magnetic activities, as observed in moderate latitudes. This relationship is reduced to the following formula: $A = A_0 + \epsilon W$, in which A is the amplitude of magnetic vibrations and W the index of solar activity (equal to the relative number of sun spots). It was found that W , characterizing mainly the short wave (ultraviolet radiation), has no bearing on corpuscular radiation. The best tool for evaluating objectively magnetic amplitudes on disturbed days is the so-called K index, which is calculated from 3-hour intervals (universal time). It was established that the amplitudes of magnetic values grow with latitude, but start to decrease at a certain distance from the pole. In high latitudes, the shape of the distributive curve was found to be of the parabolic type with the apex lying close to 70° latitude. This dependence on latitude is analyzed for quiet and disturbed days, and for the indices concerned

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Some Common Regularities in the Daily Variations (Con't)

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(H, Z, and F). All the working equations were set up by the method of least squares. Authors mentioned include K. K. Fedchenko, N. A. Milyayev, and A. P. Nikol'skiy. There are 3 figures, 6 tables and 13 references, of which 11 are Russian. The Arkticheskiy nauchno-issledovatel'skiy institut (Arctic Scientific Research Institute) is mentioned.

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Card 3/3

KUZNETSOVA, Z. S.

AUTHOR: Kuznetsova, Z. S.

37-12-5/12

TITLE: Practical Application of Vertical Component Variations Instead of Variation of the Total Force of the Earth's Magnetic Field
(O vozmozhnosti prakticheskogo primeneniya variatsiy vertikal'noy sostavlyayushchey zemnogo magnitnogo polya vmesto variatsiy polnoy sily)

PERIODICAL: Trudy Nauchno-issledovatel'skogo instituta zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln, 1971, Nr 12 (22), pp. 86-90 (USSR)

ABSTRACT: Airborne magnetometers measuring the total force (F) of the earth's magnetic field use new permalloy parts which facilitate precision measurements with + 5 gamma limit of errors. Due to such great precision, the control of variations (δF) is necessary. With variations of δD , δH , and δZ measured in magnetic observatories, the calculation of the variation of total force is done by means of the following formula: $\delta F = \delta Z \sin I + \delta H \cos I$ (in which I is the inclination). Since such calculations take

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Practical Application of Vertical Component Variations

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much time, the question arose as to the permissibility of substituting δZ by δF and the magnitude of the error. As seen from the enclosed graphs and tables, the error of substitution in polar regions on quiet days is, on the average, not greater than ± 5 gammas; however, on disturbed days, in areas of very high longitude, the error might exceed ± 5 gammas. A. A. Logachev is mentioned. There are 3 figures, 3 tables and 1 Russian reference.

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Card 2/2

4 KUZNETSOVA, Z. V., Cand of Med Sci -- (diss) "Changes in the Capillaries
During Hemorrhagic Diathesis in Children," Moscow, 1959, 16 pp
(2nd Moscow Medical Institute im Pirogov) (KL, 6-60, 126)

KUZNETSOVA, Z.V.

Capillaroscopy in hemorrhagic diatheses in children. Vop.okh.mat. 1
det. 4 no.4:50-55 J1-Ag '59. (MIRA 12:12)

1. Iz kafedry gosptal'noy pediatrii (zav. - prof. K.F. Popov) II
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova (dir. - dot-
sent M.G. Sirotkina, nauchnyy rukovoditel' - prof. M.M. Bubnova).
(CAPILLARIES--EXAMINATION) (HEMOPHILIA)

KUZNETSOVA, Z.V.

Method of obtaining pure pancreatic juice from puppies. Biul.
eksp. biol. i med. 56 no.12:112-114. D 162.

(MIRA 17:11)

1. Kafedra fiziologii cheloveka i zhivotnykh (zav. - prof. V.Ye.
Robinson) Ryazanskogo pedagogicheskogo instituta.

KUZNETSOVA, Zoya Vladimirovna; GLADYSHEVA, Ye.N., kand.geograf.nauk,
otv.red.; KOROTKOVA, Ye.A., red.; BOBOKINA, Z. P., tekhn.red.

[Pavlodar Province; economic and geographical characteristics]
Pavlodarskaia oblast'; ekonomiko-geograficheskaiia kharakteristika.
Alma-Ata, Izd-vo Akad. nauk Kasakhskoi SSR, 1958. 179 p.

(Pavlodar Province--Economic conditions) (MIRA 12:1)

KUZNETSOVA, Zoya Vladimirovna; KURITSYN, Igor' Ivanovich; OSORGIN, A.V., retsenzent; NAZARENKO, I.M., retsenzent; GLADYSHEVA, Ye.N., otv. red.; POPOVA, G.Z., otv. red.; KOROTKOVA, Ye.A., red.; ALFEROVA, P.F., tekhn. red.

[Semipalatinsk Province; economic and geographical features] Semipalatinskaja oblast'; ekonomiko-geograficheskaja kharakteristika. Alma-Ata, Izd-vo AN KazSSR, 1961. 213 p.

(MIRA 15:7)

(Semipalatinsk Province--Economic geography)

CHIGARKIN, A.V.; TRIFONOVA, T.M.; SMIRNOVA, R.Ya.; KAZANSKAYA, Ye.A.; VILESOVA, L.A.; MUKHAMETZHANOV, S., kand. geologo-miner. nauk; GLADYSHEVA, Ye.N., kand. geogr. nauk; BAZARBAYEV, K.; KUZNETSOVA, Z.V.; ABDRAKHMANOV, S.; NAZARENKO, I.M., kand. geogr. nauk; YESAULENKO, P.I., kand. sel'khoz. nauk; LAVROVA, I.V., kand. ekonom. nauk; PAL'GOV, N.N., akademik, red.; CHEZGANOV, L., red.; NAGIBIN, P., tekhn. red.

[The Virgin Territory; brief studies on nature, population and economy]TSelinyi krai; kratkie ocherki o prirode, naselenii i khoziaistve. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 188 p. (MIRA 15:9)

1. Otdel geografii Akademii nauk Kazakhskoy SSR (for all except Chezganov, Nagibin). 2. Akademiya nauk Kazakhskoy SSR (for Pal'gov).

(Virgin Territory--Economic geography)

KUZNETSOVA, Z.V.

Characteristics of external pancreatic secretion in puppies of different ages. Fiziol. zhur. 49 no.2:242-248 F'64 (MIRA 17:3)

1. Kafedra fiziologii zhiivotnykh i cheloveka Pedagogicheskogo instituta, Ryazan'.

POBEDINA, Valentina Mikhaylovna; VOROSHILOVA, Anastasiya Grigor'yevna;
RYBINA, Il'ga Ivanovna; KUZNETSOVA, Zoya Vasil'yevna; ALIZADE, K.A.,
prof., doktor geol.-mineral.nauk, red.; GONCHAROV, I.A., red.isd-va.

[Handbook on the microfauna of the Middle and Upper Miocene
deposits in Azerbaijan] Spravochnik po mikrofaune sredne- i
verkhnemiotseonovykh otlozhenii Azerbaidzhana. Baku, Azerbaidzhan-
skoe gos.isd-vo neft.i nauchno-tekhn.lit-ry, 1956. 188 p.

(MIRA 11:1)

(Azerbaijan--Paleontology)

~~ABDULLAYEV, M. A.~~ KUZNETSOVA, Z. V.

Azerbaydzhanskiy nauchno-issledovatel'skiy institut po dobyche nefiti. 239

Voprosy geologii, geofiziki i geokhimi (Problems in Geology, Geophysics and Geochemistry) Baku, Aznefteizdat, 1956. 346p. 665 copies. (Its: Trudy, vyp. 4)

Ed. council: Abdullayev, M. A., Candidate of Tech. Sciences (Chairman), Akhmedov, G. A., Dr. of Geological and Mineralogical Sciences; Daidbekova, E. A., Candidate of Geological and Mineralogical Sciences; Kulikov, V. I., Dr. of Geological and Mineralogical Sciences; Mayshek, V. T., Candidate of Geological and Mineralogical Sciences; Pobedina, V. M., Candidate of Geological and Mineralogical Sciences; Subbotin, M. A., Mining engineer; Tereshko, D. L., Candidate of Tech. Sciences, Shapirovskiy, N. I., Candidate of Tech. Sciences.

PURPOSE:

This book contains the results of research on stratigraphic, lithological and geophysical (including geochemical) problems, conducted by the Azerbaydzhan Research Institute in 1954-55. The book is recommended for use by engineering-technical personnel of oil trusts

Card 1/8

Problems in Geology, Geophysics and Geochemistry (Cont.)

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engaged in geological and geophysical exploration, as well as university students and personnel of scientific research institutes doing research in the field of petroleum.

COVERAGE:

The 4th volume of the Trudy (Transactions) of the Azerbaydzhan Scientific Research Institute of Oil Production includes articles on new findings in the microfauna of Miocene and Cretaceous beds of Eastern Azerbaydzhan, and, published for the first time, the original findings on spore-pollen analysis of Barremian beds. In Part II, the new litho-facies study of separate stratigraphic units of the Tertiary complex is presented. New ways in research are revealed, which are based on thermal, roentgenological and staining methods in the classification and correlation of geological cross-sections. The results of reservoir studies for some oil pools of the Pliocene period in the Azerbaydzhan SSR are submitted. The geophysical part, dedicated to interpretation and findings, contains articles on new electrokinetic seismographs, published

Card 2/8

KUZNETSOVA, Z.V.

New genera, species, and varieties of ostracods from lower
Cretaceous in northeastern Azerbaijan. Trudy AzNII DN no.4:
49-70 '56. (MIRA 14:4)

(Azerbaijan—Ostracoda, Fossil)

KUZNETSOVA, Z. V.

15-57-2-1310

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,
p 18 (USSR)

AUTHORS: Kasimova, G. K., Kuznetsova, Z. V., Mikheyeva, Z. F.

TITLE: Microfauna of the Jurassic Deposits in the Ulluchay
(Central Dagestan) Section /Mikrofauna yurskikh
otlozheniy razreza Ulluchay (tsentral'nyy Dagestan)--
in Azerbaydzhan/

PERIODICAL: Dokl. AN AzSSR, 1956, Vol 12, Nr 1, pp 9-14

ABSTRACT: In the section at the Ulluchay River, the upper Aalenian
is composed of a succession of argillaceous shales
containing sandstones and aleurites with streaks of
limestones. The macrofauna consists of pelecypods and
ammonites. The foraminifera are characterized by a
great variety of species: Cristellaria, Nodosaria,
Marginulina, Dentalina, Spiroptalmidium and others;
the ostracoda are rare and are represented by new
species. The Bajocian is made up of a succession of
lime-free clays with sandstones. The foraminifera

Card 1/2

Microfauna of the Jurassic Deposits (Cont.)

15-57-2-1310

belong mainly to the lagenidae family; isolated species belong
to ophthalmidiae, polymorphidae, lituolidae and epistominidae.
The Bajocian group of foraminifera differs considerably from
the upper Aalenian. The author compares these groups with the
foraminifera in deposits of the same age occurring in other
regions of the Caucasus, the Russian Platform and Western
Europe. A bibliography of 17 titles is given.

Card 2/2

V. A. K.

KUZNETSOVA, Z.V.; MAMEDOVA, U.Ya.

Some data for correlation of the Cenomanian stage of northeastern
Azerbaijan on the basis of microfauna. Azerb.neft.khoz. 36 no.1:12-13
Ja '57. (MLRA 10:5)

(Azerbaijan--Paleontology, Stratigraphic)

BYKOVA, N.K.; BALAKHMATOVA, V.T.; VASILENKO, V.P.; VOLOSHINOVA, N.A.;
GRIGELIS, A.; DAIN, L.G.; IVANOVA, L.V.; KUZINA, V.I.; KUZNETSOVA,
Z.V.; KOZYREVA, V.F.; MORZOVA, V.G.; MYATLYUK, Ye.V.; SUBBOTINA, N.N.

New genera and species of Foraminifera. Trudy VNIGRI no.115:5-106
'58. (MIRA 11:10)

(Foraminifera, Fossil)

KUZNETSOVA, Z.V.; SHTEYNGEL', A.S., red.; BAGIROVA, S., tekhn. red.

[Ostracods in Cretaceous sediments of northeastern Azerbaijan
and their stratigraphic significance] Ostrakody melovykh ot-
lozhenii Severo-Vostochnogo Azerbaidzhana i ikh stratigrefi-
cheskoe znachenie. Baku, Azerbaidzhanskoe gos.izd-vo, 1961.
147 p. (MIRA 15:10)

(Azerbaijan--Ostracoda, Fossil)

BOLTNEVA, L. I.; VASILENKO, V. N.; DMITRIYEV, A. V.; IONOV, V. A.; KOGAN,
R. M.; KUZNETSOVA, Z. V.; NAZAROV, I. M.; YAGODOVSKIY, I. V.

Use of the method of air-borne gamma-spectrometry in studying
the radioactivity of granitoid intrusives. Izv. AN SSSR. Ser.
geofiz. no.6:858-871 Je '64.
(MIRA 17:7)

KUZNETSOVA-BOBROVSKIKH, T.K.

Life span of *Ixodes trianguliceps* Bir. in Karelia. Zool.zhur.
44 no.8:1257-1260 '65.

1. Institut biologii Petrozavodskogo gosudarstvennogo
universiteta. (MIRA 18:11)

USSR/General Problems of Pathology. Comparative Oncology. Human
Tumors.

U-5

The Jour : Ref Zhur - Biol., No 14, 1958, No 66172

Author : Kuznetsova - Matasyevakaya M.P.
Inst : Department of Obstetrics and Gynecology of the Irkutsk
Medical Institute
Title : Recurrent Cancers of the Female Sex Organs

Orig Pub : Sb. nauch. tr. kafedry akusherstva i ginekol. Irkut. med.
in-ta, Irkutsk, 1956, 67-77

Abstract : During 11 years 220 cases of recurrent carcinoma of the
uterine cervix were observed (118 after surgery and 102 after
radiation therapy). The greatest number of recurrences
(68.5 percent) was found during the 1st year after extensive
abdominal surgery. Radiation therapy is the sole method of
treatment of recurrences. The concurrent use of supporting
measures is necessary. -- I.D. Nechayeva.

Card : 1/1

AUTHOR: Kuznetsova-Sadovnikova, A.D., Engineer

135-56-1-14/37

TITLE: The Quantitative Determination by Metallographic Methods of the
Amount of the Alpha-Phase in Austenitic Seam Metal (Kolichestvennoye opre-
deleniye al'fa-fazy v austenitnom metalle shva metallogra-
ficheskim metodom)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928230001-6"

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 1, pp 34 - 36 (USSR)

ABSTRACT: The quantity of the alpha-phase in austenitic metal seams
determines the resistance of seams to the formation of heat
cracks and has a decisive influence on mechanical and cor-
rosion properties. Investigations conducted by TsNIITMASH
established optimum limits of the alpha-phase percentage of
austenitic seams in the welding of fire-proof steels. Me-
thods of etching the slides were developed to detect the
phase. The author names one of the best reagents for de-
tecting the phase in slides etching, which has the follow-
ing composition: 10 gr of potassium ferricyanide, 10 gr of
caustic soda and 100 gr of water. The quantitative deter-
mination of the phase in metallographic investigations must
be carried out with a magnification factor on the order of
1,000. The alpha phase quantity is computed as a mean value

Card 1/2

The Quantitative ~~Determination~~ by Metallographic Methods of the Alpha-Phase
in Austenitic Seam Metal. 135-58-1-14/23

from five estimates made in different spots of the investigated surface, in view of the irregular distribution of the phase in austenitic metal of the seam. It is often necessary to also determine the endritic structure of the seam metal and the limits of its welding with the basic metal. For this purpose it is recommended to apply electrolytic etching in a 15 % aqueous solution of chromic anhydride. There are 3 photos.

ASSOCIATION: TsNIITMASH

AVAILABLE: Library of Congress

Card 2/2

1. Metallurgy
2. Austenite-Alpha phase determination

KUZNETSOVA-SALAZKINA, S.I.; VAN TA-DZYAO [Wang T'a-chiao]; DZHAN VA-CHIN;
CHAY VAN-SIN [Ch'ai Wang-hsing] (Pekin)

Status of the balance of sodium and chlorides in patients with
brain tumors. Vop.neirokhir. 25 no.1:58-63 Ja '61.

(MIRA 14:2)

1. Gosptal' Kitafako-Sovetskoy Drushby.
(~~BRAIN-TUMORS~~) (~~SODIUM-METABOLISM~~) (~~CHLORINE-METABOLISM~~)

KUZNETSOVA-TREKINA, T. A.

KUZNETSOVA-TREKINA, T. A. -- "Paranoidal Reactions." Sub 4 Mar 52,
Central Inst for the Advanced Training of Physicians. (Dissertation
for the Degree of Candidate in Medical Sciences.)

SO: Vechernaya Moskva January-December 1952

KUZNETSOV, I.V., red.; Prinsipali uchastiye: BLYAKHER, L.Ya., prof., red.; STRASHUN, I.D., prof., red.; SHVARTSMAN, A.L., red.; BALASHEV, L.L., prof., red.; SKATKIN, P.N., kand. biol. nauk, red.; MIKULINSKIY, S.R., kand. biol. nauk, red.; KUZNETSOVA -YERMOLOVA, Ye.B., red.; KRYUCHKOVA, V.N., tekhn. red.

[People of Russian science; sketches of outstanding figures in the natural sciences and technology: Biology, medicine, agricultural sciences] Liudi russkoi nauki i tekhniki: Biologiya, meditsina, sel'skokhoziaistvennyye nauki. Moskva, Fizmatgiz, 1963. 895 p. (MIRA 17:1)

1. Deystvitel'nyy chlen AMN SSSR (for Strashun).

KUZHNETSOVA-ZARUDNAYA, T.N.

Origin of pore fungi (De origine Phellinus sp. notula). Bot.
mat. Otd. spor. rast. 10:196-209 Ja '55. (MIRA 8:7)
(Basidiomycetes)

KUZNETSOVSKIY, A. Ya

911
.R93111

V POMOSHCH' RABOCHEMU-STROITEL'YU V SEYSMICHESKIKH RAYONAKH PAMYATKATEKHNI-
NII'UM. ASHKHABAD, IZD-VO TURKMENSKOGO FILIALA AKADEMII NAUK SSSR, 1950. 51 p.
DIAGRS. AT HEAD OF TITLE: RUSSIA, TURKMENSKIY FILIAL AKADEMII NAUK.

KUZNETSOVSKIY, N.N. (Kherxon)

Experimental subacute septic endocarditis. Pat. fiziol. i
eksp. terap. 7 no.2:38-40 Mr-Ap'63. (MIRA 16:10)

1. Nauchnyye rukovoditeli - chlen-korrespondent AMN SSSR
prof. V.D.TSinerling i deystvitel'nyy chlen AMN SSSR prof.
N.S.Molchanov.

(ENDOCARDITIS) (STAPHYLOCOCCAL DISEASE)

KUZNETSOV, V. (Moscow)

On an situation of the problem of three bodies analog to the Kepler
equation of the position of two bodies. *Studia astron seismol* 9 no.2:
171-174 '64.

KUZNIAR, Jerzy

The influence of mineral composition on the moistening and swelling of
Tertiary clays. Kwartalnik geol 3 no.2:457-492 '59. (EEAI 9:8)

1. Politechnika Wroclawska. Laboratorium Badania Gruntow przy
Katedrze Fundamentowania
(Poland--Clay)

KUZNIAR, Jerzy

Influence of the mineral composition on the capillary ascent of
minute fractions. Archiw hydrotech 7 no.2:247-260 '60. (EEAI 9:11)

1. Politechnika Wroclawska, Katedra Fundamentowania, Wroclaw, Plac
Grunwaldzki.
(Minerals) (Capillarity)

KUZNIAR, Jerzy (Wroclaw)

Dynamics of underground waters. Archiw hydrotech 9
no.2:165-213 '62.

KUZHAR, Jerzy, dr inż.

My attitude toward the discussion papers by Z. Kowalewski and
J. Kowalaki, St. Masłj. Archiw hydrotech 10 no.2:293-300 '63.

1. Katedra Fundamentowania, Politechnika, Wrocław.

KUZNIAR, K.

"Energy of cellulose decomposition in soils of the National Park in the Pieniny Mountains", p. 52, (ACTA MICROBIOLOGICA POLONICA, Vol. 1, No. 1, 1952, Warszawa, Poland)

So: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

KUZNIAR, K.

"Energy of Cellulose Decomposition in the Soils of Bialowieza National Park" p. 257
(Acta Microbiologica Polonica, Vol. 1, No. 3, 1952, Warszawa)

SO: Monthly List of East European Vol. 3, No. 3 1954
Accessions/ Library of Congress, March 1954, Uncl.

KUZNIAK, K.

"The Influence of Forest Contiguity on the Microflora of Cultivated Soils." p. 190, (Roczniki NAUK ROLNICZYCH. SERIA A-ROSLINNA, Vol. 66, no. 2, 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Lib of Congress, Vol 2, no 10, Oct. 1953, Uncl.

KUZNIAK, K. KUZNIAR K.

"Energy of the Decomposition of Cellulose in Forest Soils." p. 148, (ROCZNIKI NAUK
ROLNICZYCH. SERIA A-ROSLINNA, Vol. 66, no. 3, 1953, Warsaw, Poland,)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,
October, 1953, Unclassified

KUZNIAR, K.

"Influence of Terrain Configuration on the Biological Activeness of Cultivated Loess Soil."
p. 149, (ROZNIKI NAUK ROLNICZYCH. SERIA A-ROSLINNA, Vol. 66, no. 3, 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Lib of Congress, Vol 2, no 19 Oct. 1953, Uncl.

KUZNIAR, K.

Influence of Soil Freezing on the Yield of Meadows and Pastures." p. 129, (ROCZNIKI NAUK
ROLINCYCH. SERIA A-ROSLINNA, Vol. 66, no. 4, 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Library of Congress, Vol 2 nd0 , Oct 1953, Uncl

KUZNIAR, Kazimierz

The influence of some meteorologic factors on the dynamics of water reserves in soil. Rocznik nauki rolnej 83 no.1:1-23 '60.
(EEAI 10:7)

1. Instytut Uprawy, Nawożenia i Gleboznawstwa, Pulawy.
(Poland--Soils)

KUZNIAR, Kasimierz

Preliminary results of investigations concerning the influence of some meteorological elements upon the growth of osier willow. Rocznik nauk rolniczych 82 no.2:445-471 '61.

1. Zaklad Ekologii Rolniczej, Pulawy.

COUNTRY : Poland D
CATEGORY :
ABS. JOUR. : *IZKhim.*, No. *20* 1959, No. 71138
AUTHOR : Kuzniarowa, A. L.
TITLE : On Beidellitic Clays of Tortonian in the Pre-Carpathian Saline Formation (Petrographic Analysis)
ORIG. PUB. : *Kwart. geol.*, 1958, 2, No 2, 287-310, 463-465
ABSTRACT : Microscopic, mechanical, x-ray diffraction, and differential thermic methods, as well as staining with organic dyestuffs, were used to study samples of clayey capping of the salt deposit. The principal minerals are beidellite and hydrous micas, which indicate precipitation in weakly alkaline and reducing medium. Results of chemical analysis, recomputed for the mineralogical composition, are given. -- G. Vorob'yev.

CARD:

DYLEWSKI, Benedykt; KUZNIARSKA, Krystyna; PRZESMYCKA, Sabina; BARTOSZEWICZ, Karol; WLODARSKI, Bronislaw; SEMCZUK, Boleslaw; GORALSKA, Krystyna; LOGWINIENKO, Hanna; WISLOCKA, Helena

Conditions of the upper respiratory tract and ears in patients with pulmonary tuberculosis. Otolar.polska 14 no.3:311-319 '60.

1. Z Kliniki Otolaryngologicznej A.M. w Lublinie, Kierownik: prof. dr B.Dylewski.

(TUBERCULOSIS pulmonary pathol)
(EAR pathol)
(RESPIRATORY SYSTEM pathol)

KUZNIARZ, Jerzy

Constant speech test in speech audiometry. Otolaryng. Pol.
18 no.1:129-133 '64.

1. Z Kliniki Otolaryngologicznej Slaskiej Akademii Medycznej w
Zabrze (Kierownik: prof. dr T. Ceypek).

JASIENSKA, Anna; KUZNIARZ, Jerzy

Avellis' syndrome related to herpes zoster. Otolaryng. Pol. 18
no.2:287-289 '64.

1. Z Kliniki Otolaryngologicznej Sl. Akademii Medycznej w Zabrze
(Kierownik: prof. dr. T. Ceypek).

KUZNIAZ, Jerzy; KOSSMANN, Stefan

A case of congenital hemorrhagic angiomatosis (Rendu-Osler's disease) associated with epilepsy. Pol. tyg. lek. 19 no.40: 1538-1539 5 0'64

1. z Kliniki Oto-Laryngologicznej Śląskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. Tadeusz Gaypek) i z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. Witold Zahorski).

SOV/110-59-4-4/23

AUTHORS: Fedorenko, V.G., Kuznichenko, A.N., Prikhod'ko, A.I.,
Brisenko, V.K., Morozenko, V.Ya. (Engineers)

TITLE: Production Flow Lines for Bushings and Bracket Insulators
(Potochnyye linii proizvodstva prokhnodnykh i opornykh
izolyatorov)

PERIODICAL: Vestnik Elektropromyshlennosti, 1959, Nr 4, pp 12-16 (USSR)

ABSTRACT: Flow lines for bushing and bracket insulator production have been installed at a number of insulator works but they do not cover the whole process of manufacture and usually terminate at the turning process. The production lines described in this article use belt conveyors along which the various machines and ovens are located; the lines are illustrated in Fig 1. The raw material is delivered on a conveyor, it is then extruded and the parts are cut to length and immediately turned on lathes. They are then conveyed to the drying ovens. The dried insulators are inspected for cracks and moisture content. The glazing procedures are somewhat different for insulators and bushings but both operations are served by the conveyor belt. A photograph of the production lines is given in Fig 2 and the bushing glazing section is shown in Fig 3.

Card 1/2

SOV/110-59-4-4/23

Production Flow Lines for Bushings and Bracket Insulators

Available conveyor type ovens are only suitable for drying times of the order of 4 hours and are, therefore, not suitable for high voltage insulators that require 24 hours drying time. It was, therefore, decided to construct three such conveyors in series to form a single unit. The modifications that were required to the ovens are described. Steam injection was used to retard the initial rate of the drying. Hitherto, some types of insulators have been turned in two operations which have now been combined into one. The procedure is illustrated diagrammatically in Fig 4 and is explained. There are 4 figures, no references.

Card 2/2

SUBMITTED: December 22, 1958

FEDORENKO, V.G., inzh.; KUZNICHENKO, A.N., inzh.; MINAYEV, V.P., inzh.

Conveyers for armoring, painting and electric testing of high-voltage insulators. Vest.elektroprom. 33 no.1:72-75 Ja '62.
(MIRA 14:12)

(Conveying machinery)
(Electric insulators and insulation)

SOV/110-59-9-8/22

AUTHORS: Fedorenko, V.G., Kuznichenko, ~~A.N.~~, Prikhod'ko, A.I.,
Brisenko, V.K., and Morozenko, V.Ya. (all Engineers)

TITLE: Mechanised Flow Lines for the Manufacture of Telephone
and Telegraph Insulators

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 9, pp 28-30 (USSR)

ABSTRACT: The usual methods of manufacturing small telephone and
other insulators involves the use of gypsum moulds and is
very laborious. The first step in mechanisation is to
use metal moulds, which were first introduced in the
Tokarovskiy Works in 1957. A semi-automatic moulding
machine is now in use with telescopic metallic moulds.
The machine and moulds are operated by compressed air at
a pressure of 4 atm. The inner part of the moulding tool
rotates first in one direction, then in the other, and cuts
a thread in the insulator. The outer part of the tool
rotates in one direction only. The tool moves backwards
and forwards as well as rotating. This semi-automatic
moulding machine can produce up to 4000 insulators a shift.
In addition to this machine there is a pneumatically-
operated trimming lathe of the same output. Waste clay
from the moulding and trimming machines is immediately
returned to the vacuum press on the return half of the

Card 1/2

SOV/110-59-9-8/22

Mechanised Flow Lines for the Manufacture of Telephone and Telegraph Insulators

conveyor belt. Thus the scrap pieces are always quickly used and do not have time to become dry or dirty. Thuringia-type conveyor driers 19 metres long are used to dry the insulators. The insulators are glazed on semi-automatic roundabout machines illustrated in Fig 2; the principles of operation are briefly described. As will be seen from the general illustration of the flow line given in Fig 3, all the work is handled on conveyors. The introduction of mechanisation has cut production time by two days and only a third of the former number of workers is required. Immediate and continuous use of scrap clay without re-milling has cut consumption by a factor of 1.2. There are 3 figures and 2 Soviet references.

Card
2/2

FEDORENKO, V.G., inzh.; KUZNICHEV, A.N., inzh.; PRIKHOD'KO, A.I., inzh.
BRISSENKO, V.K., inzh.; MOROZENKO, V.Ya., inzh.

Continuous line for the production of porcelain used in electric
equipment. Vest.elektroprom. 31 no.1:58-59 Ja '60.

(Assembly-line methods) (Porcelain)

(MIRA 13:5)

KUKOLEV, G.W.; KUZNICHENKO, A.K.

Raising the turnover of refractory supply in the manufacture
of insulators. Izv. vys. uchob. zav.; khim. i khim. tekhn. 8
no.3:522-524 '65. (MIRA 18:10)

1. Khar'kovskiy politekhnicheskii institut imeni lenina,
kafedra keramiki i ogneporov.

KUZNICHENKO, A.P.; ARTASHEVICH, L.A.

Device for continuous controlling of moisture in the porcelain batch.
Stek.1 ker. 17 no.3:36-37 Mr '60. (MIRA 13:6)
(Porcelain)

KUZNICHENKO, A.P., inzh.

Peculiarities of the procedure for manufacturing rod insulators.
Stek. i ker. 20 no.10:29-30 0 '63. (MIRA 16:10)

1. Slavyanskiy keramiko-izolyatornyy kombinat.
(Electric insulators and insulation)

KUZNICKA, Barbara

Meeting of Warsaw scientific workers of the Institute of
Science and Technology of the Polish Academy of Sciences,
Kwart hist nauki i tech 9 no. 2: 338 '64.

KUZNICKA, Barbara

Problem of periods of the history of pharmacy. Farmacja
Pol 20 no. 11/12:439-444 25 Je '64.

KUZNICKA, J.
POLAND / General Division, Problems of Teaching

A-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 145

Author : Kuznicka, J.

Inst : Not Given

Title : Remarks of the Changes in Teaching

Orig Pub : Biol. szkole, 1956, 9, No 3, 24-27

Abstract : The remarks concern the Instructions for the biology program for pedagogical personnel for the 1955/1956 school year. It points out the difficulties which arise in the implementation of new programs while they are provisional, which hinder systematic training.

Card : 1/1

KUZNICKA-SERWOWA, A.

POLAND/Chemical Technology. Chemical Products and Their
Application. Cellulose and Its Production.
Paper.

H-33

Abs Jour: Ref. Zhur-Khimiya, No 11, 1958, 38315.

Author : ~~Kuznicka-Serwowa A~~, Siewierska S
Inst : Not given.

Title : The Investigation of the Absorption Spectra of Hydro- and
Oxy-Cellulose in Infrared-Rays.

Orig Pub: Przem wlokienniczy, 1956, 10, No 12, Bull Inst wlokienn-
ictwa, 23-24.

Abstract: Describes the advantages of a spectral chemical analysis
of cellulose by the determination of the degree of decompo-
sition of the cellulose and the formation of oxy- and
hydrocellulose.

Card : 1/1

END