

AFANAS'YEV, S., jurist; PANINA, M., jurist

The fellow workers' court. Rabotnitsa 40 no.3:30 Mr '62.
(MIRA 16:2)

(Labor courts)

PANINA, M.A.; DUBOVA, V.G.; STRUKOV, I.T.; RYABOVA, N.M.; TEBYAKINA, A.Ye.

Cloxacillin and its microbiological study. Antibiotiki 10 no.11:
963-969 N '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva. Submitted April 17, 1965.

OSIPOV, O.A.; PANINA, M.A.; YAGUBYAN, Ye.S.

Heats of mixing dioxane with chloroform and *O*-toluidine.
Zhur.ob.khim. 30 no.7:2127-2130 J1 '60.

(MIRA 13:7)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Dioxane) (Chloroform) (Toluidine)

✓ The dielectric permeability of binary liquid systems containing associated components
P. M. Parfenov, *Zh. Fiz. Khim.*, 1964, 38, No. 10, p. 2146
1964-1965 Eng. translation: Ser. C, 4, 49, 14216

(2) ME

OSIPOV, O.A.; PANINA, M.A.; KASHIRENINOV, O.Ye.; NEMIROV, G.V.;
SHELOMOV, I.K.

Dielectric constant of binary liquid systems consisting of polar
components. Zhur.ob.khim. 31 no.10:3153-3160 0 '61.

(MIRA 14:10)

(Systems (Chemistry))

(Dielectrics)

PANINA, M.A.; STRUKOV, I.T.; TEBYAKINA, A.Ye.; BUYANOVSKAYA, I.S.;
SHNEYERSON, A.N.; CHAYKOVSKAYA, S.M.; DRUZHININA, Ye.N.;
BRAGINSKAYA, P.S.; VENKINA, T.G.

5-methyl-3-phenyl-4-isoxazole pencillin (oxacillin) and its
microbiological study. Antibiotiki 8 no. 11:989-994 N '63.
(MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

ИВЗЕМІДОВА, Л. С.; КЛЕЙНЕР, С. С.; МАЛЕНА, М. А.; ПУШКОВА, Л. П.; СЕРГЕЕВ, Л. П.

"A study of physico-chemical properties of methicillin and oxacillin."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Cent Antibiotic Res Inst, Moscow & Factory for Medical Preparations, Riga.

S/079/61/031/011/001/015
D228/D306

AUTHORS: Kashireninov, O. Ye., Osipov, O. A., Panina, M. A.
and Marchenko, V. N.

TITLE: Magnetic susceptibility of binary liquid systems

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 11, 1961, 3504-3509

TEXT: The authors determined the magnetic susceptibility of 10 binary liquid systems: benzene-carbon tetrachloride (I), benzaldehyde-methyl ethyl ketone (II), pyridine-quinoline (III), isoamyl acetate-methyl caproate (IV), acetone-n-butyl alcohol (V), chloroform-diethyl ether (VI), aniline-acetic acid (VII), stannic chloride-butyl propionate (VIII), stannic chloride-isoamyl benzoate (IX), and stannic chloride-acetic acid (X). Their aim was to clarify the influence of the polarity of components on the magnitude of the magnetic susceptibility of mixtures; previous work in this field suggests that there is a direct connection between the magnetic susceptibility of binary liquid systems and the polarity of their components, and that the divergence of the magnetic susceptibility from

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S/079/61/031/011/001/015
D228/D305

Magnetic susceptibility...

the additivity is greatest in systems consisting of polar components. Experimental procedure: All materials were first purified by O. A. Osipov's method (Ref. 16: Zh. obshch. khimii, 26, 322, 1956; Ref. 17: Ibid., 31, 3153, 1961; Ref. 18: Ibid., 27, 1428, 1957). The susceptibility measurements were made by I. Gouy's method in fields of about 5000 - 8000 oe; the magnets were fitted with cooling devices to maintain the field-strength constancy and to eliminate convection currents. The apparent changes in the ampoule weights were measured by means of micro-analytical weights, and the calibrating material was purified, air-saturated benzene with a magnetic susceptibility of -0.703×10^{-6} . Experimental results and conclusions: The data show that the susceptibility isotherms of systems I - IV, whose components possess rather similar dipole-moments, have a rectilinear course at the 5 - 7 concentration levels studied by the authors. For other systems--where the components react chemically with the formation of a hydrogen or donor-acceptor bond--the congruence or difference of the components' dipole-moments is not important, since their behavior is largely governed by the character of the components' reactions;

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Magnetic susceptibility...

S/079/61/031/011/001/015
D228/D305

with the exception of system V the deviations of the isotherms from the rectilinear course have positive values, and the maximum deviations correspond to the composition of the resulting compound. The authors consider that magnetic susceptibility may find a wide application in physico-chemical analysis. There are 10 tables and 26 references: 10 Soviet-bloc and 16 non-Soviet-bloc. The references to the 4 most recent English-language publications read as follows: I. van Vleck, *The Theory of Electric and Magnetic Susceptibilities*, Oxford University Press (1932); V. Trew, D. Watkins, *Trans. Far. Soc.*, 29, 310 (1933); P. Seely, *Physic. Rev.*, 49, 812 (1936); W. Angus, D. Tilston, *Trans. Far. Soc.*, 43, 221, (1947).

SUBMITTED: November 25, 1960



Card 3/3

PANINA, M.A.; STRUKOV, I.T.; KHOKHLOV, A.S.

New phenoxymethylpenicillin derivatives from the carboxyl group.
Antibiotiki 9 no.8:685-690 Ag '64. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.

KHOKHLOV, A.S.; PANINA, M.A.; UVAROV, A.V.

Preparation and properties of penicillin nitriles. Dokl. Akd. SSSR
135 no.4:875-878 '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
Predstavleno akademikom M.M.Sher'yakinym.
(Penicillin)

OSIPOV, O.A.; PANINA, M.A.

Dielectric polarization of systems of two polar liquids [with
summary in English]. Zhur.fiz.khim. 32 no.10:2287-2293 0 '58.
(MIRA 11:12)

1. Gosudarstvennyy universitet, Rostov-Don.
(Systems (Chemistry)) (Polarization (Electricity))

5(4), 5(3)
AUTHORS:

Osipov, O. A., ~~Panina, M. A.~~

SOV/76-32-10-10/39

TITLE:

The Dielectric Polarization of Systems Composed of Two Liquids
(Dielektricheskaya polyarizatsiya sistem, sostavlennykh iz
dvukh polyarnykh zhidkostey)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 10, pp 2287-2293
(USSR)

ABSTRACT:

In a previous paper (Ref 1) an equation (A) was given that brings into relation the dielectric constant of the pure polar liquid with the dipolar moment. By a modification (B) this equation may be used for the determination of the dipolar moment of a polar substance in the polar solvent. The present paper gives experimental prove of the applicability of the equation (B) for binary systems consisting of polar components. The method of determination as well as the purification technique of the substances to be investigated has already been described (Refs 2-4). Diethyl ether and methyl benzoate were used as the solvents in which the dipolar moments of nitro-benzene and methyl-ethyl ketone were determined. The dipolar moment of nitro-benzene in diethyl ether is $4,06 \pm 0,03$ D and in methyl benzoate $3,96 \pm 0,04$ D,

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SOV/76-32-10-10/39

The Dielectric Polarization of Systems Composed of Two Liquids

and that of the methyl-ethyl ketone in ether is $2,75 \pm 0,03$ D and in methyl benzoate $2,76 \pm 0,02$ D. The dipolar moments of quinoline and pyridine in dimethyl aniline and of chlorobenzene in bromo-benzene were also determined. The results given in tables prove that the equation (B) may be used for such determinations. It may, however, not be used for the determination of the dipolar moment of dissolved substances that react with the solvent. This was proved with the systems chloroform - diethyl ether, aniline - quinoline, acetic acid - dioxane, aniline - diethyl ether, aniline - pyridine, chloroform - quinoline, aniline - dioxane, o-toluidine - dioxane, chloroform - acetone, and chloroform - dioxane, as the deviations of the polarization and of the dipolar moments were obtained from the additive value (around 10-30%). In this way the equation (B) can, however, give an explanation in physical - chemical analyses of liquid systems. Using data of the paper by I. A. Sheka and K. F. Karlysheva (Ref 18) and calculating the dipolar moment according to Debye (Debye) (Ref 19) the authors found with nicotine and chlorobenzene as examples that the orientation polarization, calculated according to equation (A), varies linearly with the temperature. There are 14 tables and 19 ref-

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SOV/76-32-10-10/39

The Dielectric Polarization of Systems Composed of Two Liquids

ferences, 10 of which are Soviet.

ASSOCIATION: Gosudarstvennyy universitet, Rostov-Don (Rostov-Don State University)

SUBMITTED: April 24, 1957

Card 3/3

KASHIRENINOV, O.Ye.; OSIPOV, O.A.; PANINA, M.A.; MARCHENKO, V.N.

Magnetic susceptibility of binary liquid systems. Zhur. ob. khim.
31 no. 11:3504-3509 N '61. (MIRA 14:11)
(Systems (Chemistry)--Magnetic properties)

USSR.

PLATONOV, G.F.; PANINA, M.I.

Certain regularities in changes of the electric resistance of
coke. Trudy Alt.GMNII AN Kazakh.SSR 11:76-81 '61. (MIRA 14:8)
(Coke—Electric properties)

PANINA, Mariya Ivanovna, armaturshchitsa; SHLEPINA, M.M., redaktor;
KIRSANOVA, N.A., tekhnicheskiy redaktor.

[At the factory producing precast reinforced concrete] Na zavode
sbornogo zhelezobetona. Moskva Izd-vo VTsSPS Profizdat, 1955. 60 p.
(MIRA 9:4)

1. Moskovskiy zavod stroydetaley No.1.
(Precast concrete)

SERGEYEV, P.V.; PLATONOV, G.F.; PANINA, M.I.; PRON'KIN, V.F.

Electric preheating of boilers for the refining of lead.
TSvet.net.29 no.6:31-34 Je '56. (MIRA 9:9)
(Lead--Electrometallurgy)

PANINA, N. B.

EXCERPTA MEDICA Sec.12 Vol.11/9 Ophthalmology Sept 57

1474. PANINA N. B. * Practical significance of prophylactic examinations for glaucoma (Russian text) VESTN.OFTAL. 1957, 1 (3-5)

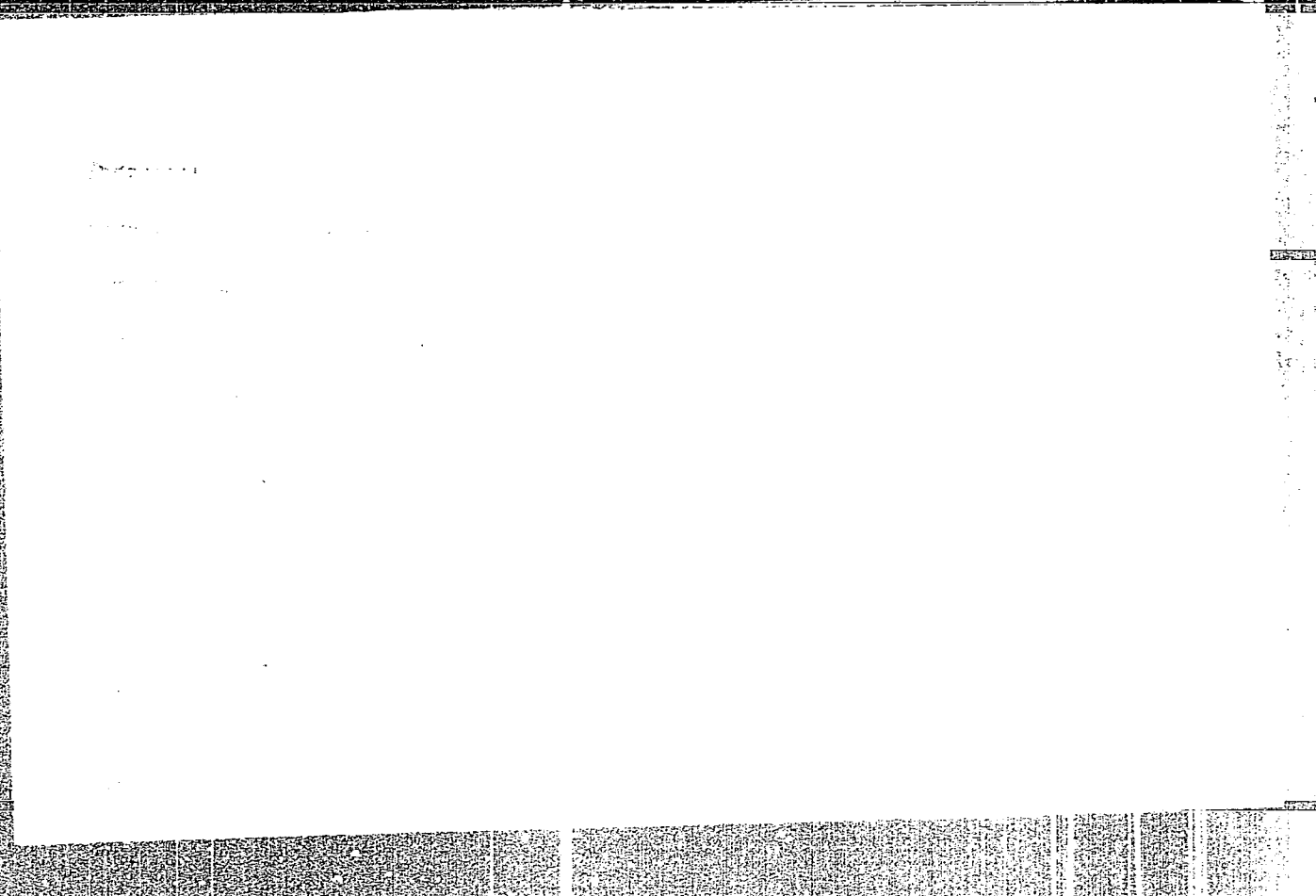
204 workers of a Leningrad factory, aged from 40 to 70 yr. were subjected to tests for glaucoma; of these, 3 had initial glaucoma and 26 were glaucoma suspects. In the latter group, visual fields, elastometry, the water drinking test and the daily variations of the intraocular tension were carefully taken and repeated whenever the diagnosis was doubtful. The author stresses the point that any person suspect of glaucoma should be hospitalized for a careful evaluation of the findings.

Sitchevska - New York, N. Y.

PANINA, N.B., ordinator

Practical significance of preventive examinations for glaucoma.
Vest. oft. 70 no.1:3-5 Ja-F '57 (MLRA 10:5)

1. Glavnaya klinika (dir.-prof. P.Ye. Tikhomirov) Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta.
(GLAUCOMA, prev. & control
practical significance of prev. exam.) (Rus)



BUTT, Yu.M., doktor tekhn. nauk, prof.; TIMASHEV, V.V., kand. tekhn.
nauk; VYSOTSKIY, D.A., inzh.; PANINA, N.S., inzh.

Burning portland cement raw material mixes at high tempera-
tures (up to 2273° K). TSement 30 no.1:9-12 Ja-F '64.

(MIRA 17:8)

YEMEL'YANOVA, O.S.; RAVDONIKAS, O.V.; YEGOROVA, L.S.; PANINA, N.V.;
PILIPENKO, V.G.; RUDNEV, M.M.; SIL'CHENKO, V.S.; BESSONOVA, M.A.;
UL'YANOVA, N.I.; VEDENEYEVA, Ye.V.; BORODIN, V.P.; SAMSONOVA, A.P.;
MYASNIKOV, Yu.A.; LEVACHEVA, Z.A.

Approbation of an improved tularemia diagnosticum. Zhur.
mikrobiol., epid. i immun. 40 no.10:85-92 O '63.

(MIRA 17:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamaley
AMN SSSR, Omskogo instituta prirodnoochagovykh infektsiy,
Protivochumnogo instituta Kavkaza i Zakavkaz'ya, Voronezhskoy,
Leningradskoy, Volgogradskoy, Tul'skoy sanitarno-epidemiologicheskikh
stantsiy.

MELIKHOVA, N.P., inzh.; PANINA, N.Ye.

Some general conditions in designing an interchangeable stock of
machine units. Mekh. i avtom. v gor. prom. no.3:140-150 '63.
(MIRA 16:10)

PANINA, O. K.
CA

Reduction products of (triethylsilyl)nitrobenzene. N. Dolgov and O. K. Panina. *Zhur. Obshch. Khim.* Gen. Chem.) 18, 1129-32 (1948). Reduction of $Ph_3SiC_6H_4NO_2$ (I) by Zn in alk. medium gave a no. of intermediate reduction products which are readily interconvertible. Reduction with Raney Ni and H gave the corresponding aniline. Addn. of 4.22 g. solid $EtMgBr$ to 30 g. Ph_3SiCl in 50 ml. Et_2O in the cold, followed by heating 3 hrs. and desolvent. by K_2CO_3 water, gave triethylsilylamine, b. 230-2°. This (30 g.) was added dropwise to twice the theoretical amt. of fuming HNO_3 (d. 1.5) (20.5 g.) in 10 vols. Ac_2O ; after 2 hrs. at 0°, the mixt. was poured on ice and NH_4OH and extd. with Et_2O , giving I, b. 170-80° (probably an isomer mixt., rather than the pure *p*-compd.). I (5 g.) in 30 ml. $EtOH$ was treated with 4 g. concd. $NaOH$, followed by gradual addn. of Zn dust; after stirring 0.5 hr. on a steam bath, the mixt. was extd. with Et_2O , which gave on evapn. orange plates of the azo deriv., $C_{12}H_{15}N_2Si_3$, m. 77-8° (from $EtOH$); further treatment with Zn dust as above gives the hydrazo deriv., m. 120-2°, colorless, which on standing in air is oxidized to the above azo deriv.; in addn. there was obtained as the major product (triethylsilyl)aniline, b. 284-300° (mostly 285°), which gives $PhNH_2Cl$ with concd. HCl , and aniline phosphate with H_3PO_4 . G. M. K.

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ASB-51A METALLURGICAL LITERATURE CLASSIFICATION
 FROM LITERATURE
 147089 #2

84625

S/076/60/034/010/002/022
B015/B064

11-1260
5-4210

2209, 1273 only

AUTHORS: Krichevskiy, I. R., Khazanova, N. Ye., Svetlova, G. M.
(Deceased), and Panina, R. S.

TITLE: Total Vapor Pressure Over the Solutions of Triethyl
Amine - Water in the Critical Range

PERIODICAL: Zhurnal fizicheskoy khimii, 1960. Vol. 34, No. 10,
pp. 2160 - 2166

TEXT: Investigations of the total vapor pressure over binary solu-
tions in the vicinity of the critical point are interesting for two
reasons. On the one hand, it is important to establish according to
which laws a distribution of the critical phenomena in the homogeneous
region takes place, on the other hand, it is important to study the
problem of jumps of the intensive quantities when intersecting the
limiting curve both in the critical point and at a distance from it;
the importance of this has already been stressed by the authors of
the present paper (Ref. 1). For the mentioned reasons the authors

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S/076/60/034/010/002/022
B015/B064

Total Vapor Pressure Over the
Solutions of Triethyl Amine -
Water in the Critical Range

investigated the critical parameters for the equilibrium liquid -
liquid in the system triethyl amine - water. For this purpose special-
ly purified triethyl amine was used (specific weight at
25°C = 0.72345 g/cm³, refractive index at 25°C n_D = 1.398).

The vapor pressure of triethyl amine was determined (Table 3) and the
total pressure of vapor over the system triethyl amine - water in the
temperature range of from 10° to 25°C (Fig. 2) and the limiting curve
for the equilibrium of the system investigated, i.e. the critical
solution temperature (Table 4; Fig. 1). As may be seen from Fig. 2,
the isosteric curve of the solution with a composition close to that
of the critical (30.56 wt% triethyl amine) passes continuously over
into the limiting curve, while the curves for the solutions with
different compositions form an angle with the equilibrium curve. The
experimental values and the calculated ones show that the derivation
of the values of the total pressure according to temperature

$$(\partial P_{\text{total}} / \partial T)_{N_2}$$

X

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S/076/60/034/010/002/022
B015/B064Total Vapor Pressure Over the
Solutions of Triethyl Amine -
Water in the Critical Range

as well as the derivations of the other intensive values show no jump on intersecting the limiting curve at the critical point. This coincidence of the experimental and calculated data confirms the accuracy of the theoretical assumptions. From Diagram $\log P = f(1/T)$ (Fig. 2) the values for the total pressure over the solution were interpolated for integral values of temperature (Table 5), the P - x diagram plotted (Fig. 3), the limiting curve drawn, and thus, the values of the vapor pressures on the boundary line obtained (Table 6). Fig. 3 shows that at concentrations close to the critical point a slight dependence of the total vapor pressure over the solutions on the concentration is to be observed in the wide temperature range. This corresponds fully to the thermodynamic characteristics of the behavior of substances in the vicinity of the critical point. D. Mayer and V. F. Alekseyev are mentioned. There are 3 figures, 6 tables, and 11 references: 7 Soviet, 2 British, 1 German, 1 French.

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1 Темпера- тура, °C	2 Давление, мм рт. ст.	3 Темпера- тура, °C	4 Давление, мм рт. ст.
13,58	36,7	40,55	135,1
18,07	48,5	60,25	292,5
23,50	62,8	79,12	555,15
27,57	76,6	89,4*	760*
32,20	94,9		

1 Концентрация триотиламина, % вес.	2 Темпера- тура, °C	3 Давление, мм рт. ст.	4 Концен- трация триотила- мина, % вес.	5 Темпера- тура, °C	6 Давление, мм рт. ст.
7,7	24,0	78,7	18,9	48,6	57,2
8,9	22,0	70,4	23,2	48,4	56,8
11,4	20,0	62,6	30,0	48,35	56,7
15,1	19,0	59,0	32,2*	48,33*	56,6*

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S/076/60/034/010/002/022
B015/B064

Table 5

Концентрация гравитационного, % вес.	12°	15°	17°	18,33**	20°	22°	24°
5,0	23,6	31,9	37,7	42,3	49,5	57,5	66,8
10,0	33,5	42,6	49,9	54,5	61,6		
						70,4**	78,7**
15,0	36,1	45,4	52,1	56,5	62,6**	70,4	78,7
20,0	36,6	45,5	52,1	56,6	62,6	70,4	78,7
25,0	36,9	45,6	52,1	56,6	62,6	70,4	78,7
30,0	37,2	45,6	52,1	56,6	62,6	70,4	78,7
32,0	37,3	45,7	52,1	56,6	62,6	70,4	78,7

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X

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Fig. 3.5

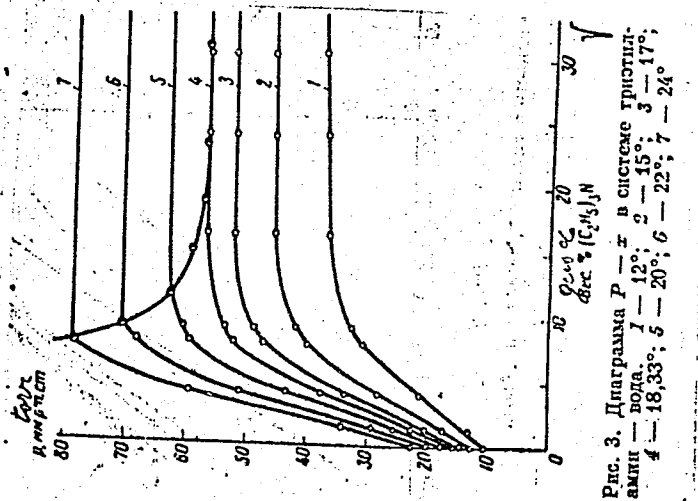


Рис. 3. Диаграмма $P-x$ в системе трицикл-амин-вода. 1 — 12°; 2 — 15°; 3 — 17°; 4 — 18,33°; 5 — 20°; 6 — 22°; 7 — 24°

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PANINA, T.M.

Standardization is a means for improving production quality.
Standartizatsia 28 no.5:41-44 My '64. (MIRA 17:12)

ACC NR: AP6025624

SOURCE CODE: UR/0413/66/000/013/0078/0078

INVENTORS: De-Millo, L. Ye.; Panina, T. O.; Knyazeva, T. V.

ORG: none

TITLE: A method for obtaining vinyl polymers with conjugate bonds. Class 39, No. 183396 [announced by State Scientific Research Institute for Plastics Polymerization and Experimental Plant (Gosudarstvennyy nauchno-issledovatel'skiy institut polimerizatsionnykh plastmass i Eksperimental'nyy zavod)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 78

TOPIC TAGS: vinyl, polymer, conjugate bond system, polyvinyl alcohol, ammonia

ABSTRACT: This Author Certificate presents a method for obtaining vinyl polymers with conjugate bonds by dehydrating regular polyvinyl alcohol. To improve the regulation of the process and to prevent carbonation of the polymer, dehydration is conducted in ammonia at the temperature 140--150C.

SUB CODE: 11/07/11 SUBM DATE: 09Nov64

UDC: 678.744.72:66.094.18

Card 1/1

ACC NR: AP7004698 (A,N) SOURCE CODE: UR/0016/66/000/008/0012/0017

AUTHOR: Vishnyakov, S. V.; Myasnikov, Yu. A.; Panina, T. V.; Zhukova, L.D.

ORG: Central Disinfection Institute (Tsentral'nyy dezinfektsionnyy institut); Tula Oblast Sanitary-Epidemiological Station (Tul'skaya oblastnaya sanitarno-epidemiologicheskaya stantsiya)

TITLE: Devising a rodent control system for forest foci of renal hemorrhagic fever

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 8, 1966, 12-17

TOPIC TAGS: ~~human ailment, renal hemorrhagic fever, poison effect, pest control, disease vector, rodent~~, HEMORRHAGE, DIGESTIVE SYSTEM, DISEASE, DISEASE CONTROL

ABSTRACT: Renal hemorrhagic fever in a forest focus was successfully controlled by poisoning the rats which are vectors of the disease. Two kg/ha of grain poisoned with zinc phosphide were applied by plane along poisoned zone 30 m wide separated by nonpoisoned zones 50-100 m wide. Near settled areas, bait containers with an open end were buried in the soil and placed 10-20 m apart. Poisoned bait and traps were used within buildings, usually during the winter. The poisoned zones around villages were especially effective in preventing the

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UPC: 616.61-002.151-022.6-084.449.932.34

ACC NR: AP7004698

penetration of new rat populations when the animals migrated.
art. has: 5 tables.

Orig.
[LP]
[WA-50]

SUB CODE: 06/ SUBM DATE: 7Jun65/ ORIG REF: 004

Card 2/2

MYASNIKOV, Yu.A.; PANINA, T.V.; LEVACHEVA, Z.A.; YEGIAZARYAN, K.K.

Characteristics of epidemiological manifestations of natural foci of Tula hemorrhagic fever with the renal syndrome. Med. Paraz. i paraz. bol. 32 no.5:621 S-0'63 (MIRA 16:12)

1. Iz Tul'skoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

PANINA, T.V.; MYASHNIKOV, Yu.A.

Population and reproduction dynamics of the bank vole (*Clethrionomys glareolus* Schreb.) in natural foci of hemorrhagic fever with a renal syndrome in Tula Province. Zool. zhur. 39 no.11:1707-1715
N '60. (MIRA 14:1)

1. Tula Regional Sanitary-Epidemiological Station.
(Tula Province--Hemorrhagic fever)
(Mice as carriers of disease)

PANINA, T. V. and MYASNIKOV, YU. A.

"Fluctuation in the Population and Reproduction of Field Voles and the Natural Reservoirs of Tularemia in Tul'skaya Oblast."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Tul'skaya Oblast' Sanitary-Epidemiological Station

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruits, Berries, Nuts, etc.
ABS. JOUR. :; Ref Zhur-Biologiya, No. 1, 1958, No. 1853
AUTHOR : Parina, V.
INST. : Moscow Agric. Acad. in. K.A. Timiryazev
TITLE : The Effect of Foliar Feeding on the Maturing
of Grape Seedling Shoots in Moskovskaya
Oblast.
ORIG. PUB. : Sb. stud. naushno-issled. rabot. Mosk. s.-kh.
skad. in K.A. Timiryazeva, 1957 (1958), vyp. 7.
ABSTRACT : Experiments made at the fruit station of
Moscow Agricultural Academy in. K.A. Timi-
ryazev in 1953-1955 have shown that by a
single B spraying of grape vines in 0.01
concentration and Mn in 0.00% concentration
carbohydrate metabolism was intensified in
the plants, thus facilitating starch accumu-
lation in the shoots, increasing sugar con-
tent in the leaves and promoting the rapid
flow of carbohydrates from the leaves to the
CARD: 1/2 * 123-129

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SOV/19-58-6-403/685

AUTHORS: Drukker, S.A., Irskiy, G.L., and Panina, S.A.

TITLE: A Concave Screen for Panoramic Cinema Projection (Vognutyy ekran dlya panoramnoy kinoprojektsii)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 89 (USSR)

ABSTRACT: Class 42h, 23²⁸. Nr 113819 (573640 of 24 May 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. A concave cinema screen made of diffused reflection material; with the mid portion composed of separate overlapping strips of screen material stretched vertically to prevent bulging when stretched on a concave frame and to provide an un-interrupted reflecting surface; the side portions of the screen are composed of oriented narrow white strips with black rear strips at the white ones, which reduces the "self-lighting" (samozasvetka) of the screen.

Card 1/1

PANINA, V.F.

Effect of the spring harrowing of fall-plowed fields on the
maturation of soils. Sbor. rab. Mosk. gidromet. obser. no.2:
112-116 '63 (MIRA 17:7)

PANINA, V.F.

Indexes of the evaluation of agrometeorological conditions in
the formation of a pea crop. Meteor. i gidrol. no.2:27-29 P.165.
(MIRA 18:3)

1. Agrometeorologicheskaya stantsiya Nemchinovka.

PANINA, V.F.

Adequate water supply for peas in the non-Chernozem zone.
Meteor. i gidrol. no. 4:22-26 Ap '62. (MIRA 15:5)
(Peas--Water requirements)

PANINA, V.F.

Study of agrometeorological conditions for raising corn in the
Moscow Basin. Meteor. i gidrol. no.4:41 Ap '56. (MLRA 9:8)
(Moscow Basin--Meteorology, Agricultural)
(Moscow Basin--Corn (Maize))

PANINA, V.P.

in cultivation in green fallows in the central part of the non-
chernozem zone. Trudy TSIP no. 145:123-131 '65.

(MIRA 18:10)

РЫКОВА, В.А.; ПАНИНА, В.К.

Observations of Venus in 1959. *Biul. VAGO no.29:41-43 '61.*
(MIRA 14:7)

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva, otdel planet i Luny.
(Venus(Planet))

S/035/61/000/012/022/049
A001/A101

AUTHORS: Bykova, V.A., Panina, V.K.

TITLE: Observations of Venus in 1959

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 12, 1961, 70,
abstract 12A569 ("Byul. Vses. astron.-geod. o-va", 1961, no. 29,
41 - 43)

TEXT: A team of observers conducted observations with a 5" refractor of the Moscow planetarium from 21 March to 22 August, 1959. 146 drawings were made from which extensions of crescent terminals and deviations of the visible phase from calculated ones can be obtained. Data are tabulated and presented graphically. Composite drawings for 4 periods are given, which were obtained photographically by uniting several drawings on one image.

I. L.

[Abstracter's note: Complete translation]

Card 1/1

KICHENKO, V.I.; PANINA, V.V.

Diogenin content in the rhizomes of some Moscovet species introduced in the Moscow region. Rast. rec. 1 no.3:397-402 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticeskikh rasteniy i Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze, Moskva.

PANINA, V.V.; LOSEKAREV, P.M.

Colorimetric method of determining diosgenin in Dioscorea.
Med. prom. 17 no. 6:45-48 Je'63 (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticeskikh rasteniy.

MADAYEVA, O.S.; RYZHKOVA, V.K.; PANINA, V.V.

Structure of a water-insoluble saponin from the roots of *Dioscorea polystachya* Turcz. Report No.10. Med. prom. 17 no.9:9-11 S'63.
(MIRA 17:5)

OSTROVSKIY, N.I.; PANINA, V.V.

Effect of treating medicinal plants with mercaptophos on the content of active substances. Med. prom. 25 no.12:49-50 D '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticeskikh rasteniy.
(BOTANY, MEDICAL) (MERCAPTOPHOS)

AUTHOR: Panina, Ye.B.

SOV-26-58-10-23/51

TITLE: A Giant "Witches-Broom" on a Fir Tree (O gigantskoy "ved'-
minoy metle" na yeli)

PERIODICAL: Priroda, 1958, Nr 10, pp 98-99 (USSR)

ABSTRACT: The author describes the phenomenon of a "witches-broom"
branch formation which she observed together with Professor
L.F. Pravdin. She rejects the explanation, commonly accepted,
that the phenomenon is caused by a fungus, postulates instead
a hereditary genetic origin and calls for a detailed study
into the physiological causes of this unusual branching.
There are 3 photos.

ASSOCIATION: Institut tsitologii i genetiki Sibirskogo otdeleniya Akademii
nauk SSSR - Novosibirsk (The Institute of Cytology and Gene-
tics, Siberian Branch of the USSR Academy of Sciences - Novo-
sibirsk)

1. Trees--Genetic factors

Card 1/1

PANINA, Ye.B. [Panina, I.E.B.]

Meiosis and microsporogenesis in polyploid sugar beets. Ukr.
bot. zhur. 21 no.6:53-59 '64. (MIRA 18:2)

1. Otdel genetiki Instituta botaniki AN UkrSSR.

PANIN, V.A. [Panin, V.O.]; PANINA, Ye.B. [Panina, IE.B.]

Characteristics of the pollen of autoployploid and diploid forms of
the beet. Ukr. bot. zhur. 22 no.2:28-35 '65. (MIRA 18:4)

1. Institut botaniki AN UkrSSR, otdel genetiki.

PANINA, Ye.F., kand.tekhn.nauk

Capillary hypothesis of briquetting. Nauch. trudy MGI no.38:279-
286 '61. (MIRA 15:10)

(Briquets (Fuel))

PANINA, Ye.F., kand.tekhn.nauk

Using steam pressure isotherms in studying the lignite
briquetting process. Nauch. trudy MGI no.27:157-171 '59.
(MIRA 14:6)

(Briquets (Fuel))

AGROSKIN, Anatoliy Abramovich; PANINA, Yevdokiya Fedorovna;
STUKOVNIN, N.D., red.; GOROKHOVA, S.S., tekhn. red.

[Laboratory work on the chemistry and technology of coal]
Laboratornye raboty po khimii i tekhnologii uglia. Moskva,
Gos. izd-vo "Vysshaya shkola," 1961. 131 p. (MIRA 15:2)
(Coal—Analysis)

PANINA, Ye.F.

Role of the granulometric composition in the briquetting of
lignite. Nauch. trudy MGI no. 32:121-129 '60. (MIRA 14:2)
(Lignite) (Briquets (Fuel))

PANINA, YE. F.

Panina, Ye. F. -- "Investigation of the Role of the Granulometric Composition of the Lignite in the Process of Briquetization." Min Higher Education USSR, Moscow Mining Inst imeni I. V. Stalin, Chair of the Concentration of Useful Minerals, Moscow, 1955 (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

PANINA, Ye.V.

Large witches'-broom on a fir tree. Priroda 47 no.10:98-99
0 '58. (MIRA 11:11)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR
(Novosibirsk).
(Witches'-broom disease) (Fir--Diseases and pests)

PANINA, Z.A., RESHETNIKOVA, M.I., SULAYEVA, L.S., UTESHEV, A.B.,
VERBOLOBICH, P.A., POLOSUKHINA, T.YA., KAIPOVA, Z.N., VALITOVA, M.S.,
DYUKOVA, A.K., KUROVSHAYA, N.I., (USSR)

"Special Aspects of the Metabolism of Some Substance in
Radiation Disease in Dogs.

Report presented at the 5th Int'l. Biochemistry Congress, Moscow,
10-16 Aug 1961.

MORYGANOV, P.V.; MEL'NIKOV, B.N.; PANINA, Z.N.

Using basic dyes for dyeing nitron. Izv.vys.ucheb.zav.; tekhn.
tekst.prom. no.5:99-104 '61. (MIRA 14:11)

1. Ivanovskiy khimiko-tehnologicheskii institut.
(Dyes and dyeing--Rayon)

PANING, I. L., ENG.

Electric Motors

Protecting three-phase electric motors from working in two phases. *Przem. energ.*, 9, No. 7, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED

PANIOTOV, I.; YEROFYEV, S.

Vocational school helps the secondary school. Prof.-tekh. obr. 13
no. 6:18-19 Je '56. (MIRA 9:9)

1. Direktor remeslennogo uchilishcha No. 8 (for Paniotov). 2. Zamestitel' direktora po uchebno-proizvodstvennoy chasti (for Yerofeyev).
(Zhdanov--Technical education)

ZAKORA, P.F.; RUDOV, L.S.; PANIOTOV, Yu.S.

Intensification of slag formation during the operation of an
open-hearth furnace with a solid charge. Met. i gornorud. prcm.
no.4:73-75 J1-Ag :64. (MIRA 18:7)

ZAKORA, P. F.; GRECHNYI, Ya. V.; PANIOTOV, Yu. S.; RUDOY, L. S.;
LAPITSKIY, V. I., prof., doktor tekhn. nauk, rukovoditel'raboty

Changes in the homogeneity of basic slag during the scrap process
and its effect on the desulfuration of the metal. Izv. vys.
ucheb.zav.; chern.met.7 no. 5:58-62 '64. (MIRA 17:5)

1. Dnepropetrovskiy metallurgicheskiy institut.

YAKOVLEV, Yu.N., kand. tekhn. nauk; PANIOTOV, Yu.S.; ZHELEZOVSKIY, V.S.;
BELYAYEV, Yu.P.

Slag formation and smelting in 650 and 900-ton capacity
open-hearth furnaces. Met. i gornorud. prom. no.6:24
N-D '64. (MLRA 18:3)

PANIOWSKI, Henryk

From the history of the Rozbark mine; coal dust explosion in 1923.
Wiadom gorn 13 no.11:397-401 N '62.

PANISHCHEV, P. Ye.

Forests and Forestry - Accounting

Planning and cost accounting in forestry, Les. Khoz. 6, No. 2, 1953.

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

GRINEV, A.N.; SHVEDOV, V.I.; PANISHEVA, Ye.K.

Study of quinones. Part 40: Synthesis of 1-aryl-5-hydroxyindoles.
Zhur. org. khim. 1 no.11:2051-2055 N '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze (VNIKhFI). Submitted November 11,
1964.

ACC NR: AP6023582 SOURCE CODE: UR/0409/66/000/003/0395/0397

AUTHOR: Grinev, A. N.; Shvedov, V. I.; Panisheva, Ye. K.

ORG: All-Union Chemical and Pharmaceutical Scientific Research Institute im. S. Ordzhonikidze, Moscow (Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut)

TITLE: Synthesis of alkylamine derivatives of 1-aryl-5-hydroxyindole

SOURCE: Khimiya getarotsiklicheskiykh soyedineniy, no. 3, 1966, 395-397

TOPIC TAGS: arylhydroxyindole alkylamino derivative, phenylmethylaminoethylmethoxyindole, anisylmethylaminoethylmethoxyindole, nervous system drug, organic synthetic process, alkylamine, amine

ABSTRACT:

Some of the previously obtained alkylamine derivatives of 1-alkyl-5-hydroxyindoles have found application as central nervous system stimulants. In this connection, synthesis of alkylamine derivatives of 1-aryl-5-hydroxyindoles was studied. Condensation of substituted 1-aryl-5-hydroxyindoles with bis(dimethylamino)methane in dry dioxane on a steam bath, followed by treatment with HCl, yielded eight previously unreported 4-alkylamine

Card 1/3

UDC: 547.755

ACC NR: AP6023582

derivatives of 1-aryl-5-hydroxyindole hydrochlorides; reduction with Na in ethanol of the previously obtained oximes of 1-phenyl-2-methyl-3-acetyl-5-methoxyindole (IX) and 1-(n-anisyl)-2-methyl-3-acetyl-5-methoxyindole (X) yielded 1-phenyl-2-methyl-3-(1'-aminoethyl)-5-methoxyindole (XI) and 1-(n-anisyl)-2-methyl-3-(1'-aminoethyl)-5-methoxyindole (XII) which were isolated as hydrochlorides.

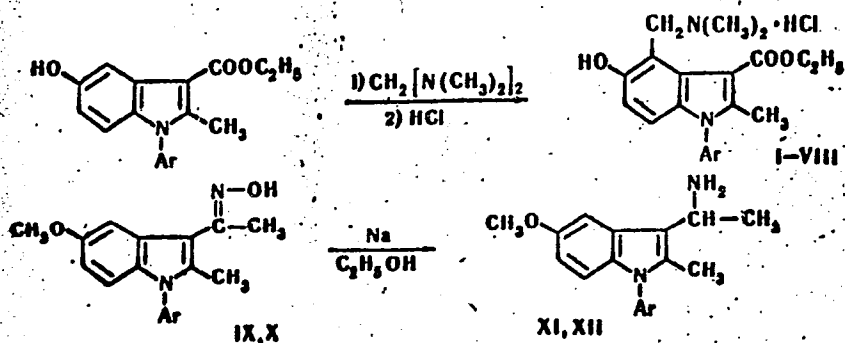


Table 1. 4-Alkylamine derivatives of 1-aryl-5-hydroxyindole hydrochlorides.

Card 2/3

ACC NR: AP6023582

Table 1. 4-Alkylamine derivatives of 1-aryl-5-hydroxyindole hydrochlorides

No.	Ar	M. p., °C (solvent for crystal- lization)	Formula	Found %			Calculated %			Yield, %
				C	H	N	C	H	N	
I	C ₆ H ₅	184-185 (1:1:3)	C ₂₁ H ₂₁ N ₂ O ₂ · HCl	64.45 64.77	6.59 6.52	7.37 7.41	64.85	6.48	7.20	71
II	<i>o</i> -CH ₃ -C ₆ H ₄	156-157 (From acetone)	C ₂₂ H ₂₃ N ₂ O ₂ · HCl	65.54 65.41	6.74 6.86	6.93 7.12	65.55	6.75	6.95	68
III	<i>p</i> -CH ₃ -C ₆ H ₄	147.5-148 (1:1:10)	C ₂₂ H ₂₃ N ₂ O ₂ · HCl	65.75 65.45	6.83 6.87	6.71 6.64	65.55	6.75	6.95	63
IV	<i>m</i> -Cl-C ₆ H ₄	189-190 (From acetone)	C ₂₁ H ₂₁ ClN ₂ O ₂ · HCl	59.93 59.57	5.89 5.85	6.74 6.65	59.57	5.71	6.62	66
V	<i>p</i> -Cl-C ₆ H ₄	192.5-193 (1:10:12)	C ₂₁ H ₂₁ ClN ₂ O ₂ · HCl	59.64 59.56	5.53 5.66	6.51 6.42	59.57	5.71	6.62	67
VI	<i>m</i> -CH ₃ O-C ₆ H ₄	177-178 (1:10:15)	C ₂₂ H ₂₃ N ₂ O ₄ · HCl	62.94 63.28	6.34 6.34	6.55 6.74	63.07	6.49	6.68	74
VII	<i>p</i> -CH ₃ O-C ₆ H ₄	180-181 (1:1:6)	C ₂₂ H ₂₃ N ₂ O ₄ · HCl	63.32 63.13	6.46 6.63	6.38 6.59	63.07	6.49	6.68	70
VIII	<i>p</i> -CH ₂ CONH -C ₆ H ₄	203-204 (1:10:10)	C ₂₃ H ₂₇ N ₂ O ₄ · HCl	61.91 61.70	6.38 6.14	9.40 9.45	61.94	6.18	9.42	77

Orig. art. has: 1 table.

[W.A. 50; CBE No. 10]

SUB CODE: 0706/SUBM DATE: 13Feb65/ ORIG REF: 006/ OTH REF: 001

Card 3/3

Applied All-ha nll s
Review

Profs, Roaming, Clafya, Spri 27, (Libyofa)

3226. Nikola J. Pavlica, Analysis of elastically supported beams by deformation method (in Czech), Technický Obror NIA, No. 1, 7-10 (Jan. 1950).

More accurate method demonstrated on examples is compared with approximate method developed by Prof. R. Saliger [Reinforced Concrete, Leipzig (1931) and also El Hormigón Armado, Barcelona (1943)]. For a system of crossing beams it is found that values of bending moments only in central part check fairly with author's computation, whereas bending moments in beams approaching right supports calculated by Saliger's method are up to 42% smaller than their exact values. Author's calculations are based upon his previous paper published in Technický Obror no. 6 (1946).
J. J. Polivka, USA

1950

PANISIC, Djordje; SALATIC, Branke.

Spontaneous external biliary fistula in the region of the 10th
rib. Srpski arh. celok. lek. 92 no.6:673-676 Je '64

1. Hirursko odeljenje Gpste bolnice u Sremskoj Mitrovici
(Sef: prim. dr. Dorde Panisic).

SAVEL'YEV, A.I., kand.tekhn.nauk; YELISEYEVA, V.I., doktor tekhn.nauk;
PAKISOVA, A.S., inzh.; LINTVAREVA, Z.S., inzh.

New pigments for leather dyes for shoe uppers. Kozh.-obuv.prom.
2 no.1:22 Ja '60. (MIRA 13:5)

(Pigments) (Dyes and dyeing--Leather)

10/11/74 A C

PROCESSES AND PROPERTIES - I-14

118

cc

Adjustment of body requirements for water at high temperature with the aid of Normit. V. I. Panisnyak and P. V. Gavrilov. *Soviet Zhurnalovozhrameni Turkmenni* 1942, No. 2, 32-4.—Thirst is due to changes in the acid-base balance of the blood, i. e., loss of CO₂ by the body; addn. of CO₂ should relieve the condition. Normit proved to be beneficial. It consists of (A) HCl 50 g. in 1000 cc. water and (B) NaHCO₃ 50 g., Na₂HPO₄ 10 g. and sucrose 500 g. per 1000 cc. water. A and B were mixed before use in equiv. proportions, and to each glass of water were added 4-8 cc. A and 8-10 cc. B. Each drink introduces 120-150 cc. of CO₂ and 0.6 g. of NaCl, enough to quench thirst for 2 hrs. In a group of subjects consuming up to 763 cc. of Normit per man per hr., the blood sugar varied less than in a group consuming up to 1050 cc. of plain soda water. In dogs Normit gave good results, but when a period of Normit was followed by one without Normit, adaptation was decreased. Overheating phenomena are milder with Normit and heat shock is prevented to some extent. Drowsiness and weakness are relieved, and drinking is decreased. C. S. Shapiro

METALLURGICAL LITERATURE CLASSIFICATION

PANISYAK, V. I.

PANISYAK, V. I. "On the use of ammonia derivatives in the treatment of purulent wounds", Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 166-71.

SO: U-4393, 19 August 53, (Letopid 'Zhurnal 'nykh Statey', No. 22, 1949).

PANISYAK, V.I., professor; MEDVEDOVA, A.I.

~~SECRET~~
Quick method for quantitative determination of sugar in urine.
Lab. delo no. 3:25 My-Je '55. (MLRA 8:8)

(URINE,

sugar, determ.)

(CARBOHYDRATES, in urine,
determ.)

PANISYAK, V.I.; KOZLOV, N.B. (Smolensk)

Treatment of heat stroke under experimental conditions. Pat. fiziol.
i eskp. terap. 4 no. 6:57-61 N-D '60. (MIRA 14:2)

1. Iz kafedry biokhimii Smolenskogo meditsinskogo instituta (zav. -
prof. V.I. Panisyak). (HEAT STROKE)

PANISYAK, V.I.

Chemical activity in the urine color sedimentation reaction and
its clinical and diagnostic significance. Lab.delo 6 no.2:3-7
Mr-Ap '60. (MIRA 13:6)

1. Kafedra biokhimii (zav. - prof. V.I. Panisyak) Smolenskogo
meditsinskogo instituta.
(UKRAINE--ANALYSIS AND PATHOLOGY)

PANISYAK, V.I., prof.; KOZLOV, N.B., dotsent

Biochemical shifts within the organism under the influence of high environmental temperature and the substantiation of rational nutrition of workers in hot-working departments. Trudy SMI 16:62-69 '63.
(MIRA 1881)

1. Iz kafedry biokhimii (zav. - prof. V.I. Panisyak) Smolenskogo gosudarstvennogo meditsinskogo instituta.

ACCESSION NR: AR4027235

S/0299/64/000/002/PO36/PO36

SOURCE: RZh. *Biologiya*, Abs. 2P216

AUTHOR: Panisya, V. I.; Kozlov, N. B.

TITLE: Biochemical shifts in the organism under the conditions of a high temperature environment and the basis for a rational nutrition for workers in hot industries

CITED SOURCE: Tr. Smolenskogo med. in-ta, v. 16, 1963, 62-69

TOPIC TAGS: biochemistry, heat resistance, heat prostration, high temperature, nutrition, alkalosis

TRANSLATION: The effect of high temperature on the animal organism is accompanied by a complex of interrelated physicochemical and physiological-biochemical displacements. The gaseous alkalosis which develops as a result of the organism's struggle against overheating causes a number of disturbances and rather severe subjective sensations: disappearance of appetite (as a result of depression of gastric gland secretion), appearance

Card 1/2

MAGNITSKIY, Konstantin Pavlovich. Primalni uchastiye: GOSUDAREVA, A.G.; PANITKIN, V.A.; BELYAKOVA, N.G.; KAPUSTYANSKIY, A.M.; ZHUKOV, S.H.; NIKULINA, F.F.; BALABANOV, B.G.; VISHNYAKOVA, Ye., red.; KUZNETSOVA, A., tekhn. red.

[Control of the nutrition of field and vegetable crops] Kontrol' pitaniia polevykh i ovoshchnykh kul'tur. Moskva, Mosk. rabochii, 1964. 302 p. (MIRA 17:2)

1. Nauchnyye sotrudniki laboratorii kaliya Nauchnogo instituta po udobreniyam i insektofungitsidam (for Gosudareva, Panitkin, Belyakova, Kapustyanskiy, Zhukov, Nikulina, Balabanov).

PANITKOV, M. and CHERNYSHEV, A. I.

"Treatment of Keratitis by novocaine blockade of the suborbital nerve."

Veterinariya, Vol. 38, No. 6, 1961 p. 58

Panitkov, M.--Head of P.-Khovanskiy Veterinary Dept. Gor'kiy Oblast'

CHERNYSHEV, A.I.; PANITKOV, M.

Treatment of keratitis by a novocaine block of the optic nerve.
Veterinariia 38 no.6:58 Je '61. (MIRA 16:6)

1. Glavnyy veterinarnyy vrach Pochinkovskogo rayona Gor'kovskoy
oblasti (for Chernyshev).
(Novocaine) ((Cornea--Diseases)
(Pochinki District--Cattle--Diseases and pests)

KAGANOVA, E.M.; SHAKHOVA, T.Ye.; PANITKOVA, A.Ye.

Formation of a porous structure of aluminasilica gel. Part 1:
Part played by syneresis in the formation of a porous structure
of aluminosilicates. Koll.zhur. 23 no.5:568,573 S-0 '61.
(MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimich-
eskikh protsessov, Leningrad.
(Aluminosilicates)

DIMCHEV, D.; BURZEVA, L.; APRAKHAMIAN, G.; APOSTOLOV, L.; TSONEV, I.; PANITSA,
D.; PRIKOLOGIN, M.; GENEVA, V.

On causes, appearance, clinical aspects, therapy and prophylaxis
of organic phosphate poisoning in the rural industry in the Plovdiv
region. Suvrem. med., Sofia 11 no. 2-3: 80-89 '60.

1. Iz VMI "I.P. Pavlov" - Plovdiv, 1 Okruzhnata sanitarno-epidemio-
logichna stantsia - Plovdiv.
(PHOSPHATES toxicol.)

PANITSA, D.; MINCHEV, M.; GRIGOROV, G.

Functional test for determination of pulmonary stasis by Valsalva's experiment. Suvrem. med., Sofia 9 no.2:82-89 Feb 58.

1. Iz Klinikata po bolnichna terapiia pri VMI I. P. Pavlov; Plovdiv (Zav. katedrata: dots. P. Mironov) i Klinikata po fakultetska terapiia pri VMI I. P. Pavlov; Plovdiv (Vr. direktor: prof. L. Telcharov).

(RESPIRATION, physiol.

Valsalva's exper. pulm. stasis in heart dis.)

(CONGESTIVE HEART FAILURE, physiology

pulm. stasis, Valsalva's exper. (Bul))

IANEV, P.; PANITSA, D.; PAPAHOV, G.

Acute hemolytic anemia in lead poisoning. Suvrem. med.,
Sofia 7 no.1:106-109 1956.

1. Iz katedrata po bolnichna terapija pri vmi. I P Pavlov--
Plovdiv. (Zav. katedrata: dots. P. Mironov).

(LEAD POISONING, complications,
anemia, hemolytic. (Bul))

(ANEMIA, HEMOLYTIC, etiology and pathogenesis,
lead pois. (Bul))

VIASOVA, Ye.V.; SOLOV'YEVA, N.I.; Peinimala uchastiye PANTSKAYA, L.D.

A simple method for the production of a highly active collagenase preparation. Vop. med. khim. 8 no.4:424-428 31-Aug '62. (MIRA 17:11)

1. laboratoriya biokhimii i khimicheskoy patologii belkov Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i otjel ranevykh infektsiy Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR, Moskva.

PANITSKAYA, M.P.

Use of ammonia water. Zemledelie 27 no.2:55-58 F '65. (MIRA 18:4)

1. Zaveduyushchaya otdelom agrokhimii Irkutskoy oblastnoy sel'skokhozyaystvennoy opytnoy stantsii.

PANITSKYI, W.I.

M-8

USSR/Cultivated Plants.-Fruits, Berries

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1755

Author : W.W. Panitskyi, W.I. Panitskyi

Inst : Not Given

Title : Raising Grape Seedlings on Trans-Volga Land

Orig Pub : S.kh. Povolzh'ya, 1956, No 6, 48-49

Abstract : Results are given of an industrial test of a new method of raising grape seedlings, conducted in the "Pobeda" Kolkhoz, Ternovskiy rayon, Saratovskaya Oblast'. Planting was done in irrigated ditches 25 cm deep; these were cut at a distance of 2.5 m calculating for enough space (75-80cm) to be left in both directions from the center of the shrub to permit a shelter for the winter; besides, it was possible to leave the seedlings without a dug-out at every 125cm as a base for a future vineyard. Planting was effected with a bar stuck into the declivity of the irrigated trench at a distance of 25-30 cm with cuttings 40-45 cm long, cut the day of the planting from a previously moistened vine. After the planting the cuttings

Card : 1/2