

PAN'KINA, I.F., kand.med.nauk

Technique of administration of aid and treatment in crush injuries of both shins and severe shock. Ortop., travm. i protez. no.1s62-63'63. (MIRA 16:10)

1. Iz Leningradskogo instituta skoroy pomoshchi imeni I.I. Dzhanolidze (dir. - doktor med. nauk Ye.G.Tsurinova), nauchnyy rukovoditel' - zasluzhennyy deyatel' nauki prof. M.S.Ilsitsyn [deceased]).

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PAN'KINA, I.F., kand. med. nauk (Leningrad, K-196, Novocherkasskiy prosp.
88, kv. 37)

Surgical tactics in the treatment of fractures of long tubular
bones complicated by shock. Ortop. travm. i protez. 24 no.6:23-28
Je'63 (MIRA 16:12)

1. Iz travmatologicheskoy kliniki (rukovoditel(- kand. med.
nauk N.K.Mityunin) Leningradskogo instituta skoroy pomoshchi
imeni I.I.Dzhanelidze (dir. - prof. G.D.Shushkov).

PAN'KINA, I.F.; KRYMOVA, S.V.

Seventh Leningrad Urban Conference of Young Surgeons. Vest.khir.
87 no.11:138-143 N '61. (MIRA 15:11)
(SURGERY)

PANKINA, L.

New design of a closed lifeboat (from "Hansa," no.8/9, Feb. '59).
Rech. transp. 19 no.3:3 of cover Mr '60. (MIRA 14:5)
(Germany, West—Lifeboats)

PANKINA, L.S., inzh.; VOROB'YEV, V.M., inzh.

Testing conveyor-type pick-up mechanisms. Trakt. i sel'khoz mash.
33 no.8:23-24 Ag '63. (MIRA 16:11)

1. Tselimaya mashinoispytatel'naya stantsiya.

PANKINA, L.S.

New building material made of plywood and aluminum. Rech.transp. 13
no.2:50 F '59. (MIRA 12:4)
(Building materials)

YEREMENKO, N.A.; PANKINA, R.G.

Sulfur isotopes in oil and gas fields of the Volga-Ural region and other regions of the Soviet Union. Geol. nefiti i gaza 9 no.9:43-48 S '62.
(MIRA 16:2)

(Sulfur--Isotopes)

RYBALKO, S.I.; PANKINA, M.V.; KANNEGISER, N.I.; BURLAKOVA, T.S.

Hemorrhagic fever in the southern districts of Kazakhstan.
Med. parazit. i parazit. bol. 32 no.5:619-620 S-0'63

(MIRA 16:12)

1. Iz Kazahskoy respublikanskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach Ye.M.Stepanova) i Yuzhno-Kazahstanskoy oblastnoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach Ya.A.Klebanov).

KOLCHIN, F.P.; PAI'KINA, M.V.

Q fever in southern Kazakhstan. Zdrav.Kazakh. 17 no.7:21
'57. (MIRA 12:6)

1. Iz oblastnoy sanepidstantsii i detskoy ob"yedinennoy bol'-'
nitsy No.1 g. Chimkenta.
(KAZAKHSTAN--Q FEVER)

PANKINA, M.V.; BALKASHINA, Ye.I.

Eliminating malaria in South Kazakhstan Province. Zdrav.
kazakh. 21 no.12:38-40 '61. (MIRA 15:3)

1. Iz Yuzhno-Kazakhstanskoy oblastnoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach - Ya.A. Klebanov).
(SOUTH KAZAKHSTAN PROVINCE--MALARIA--PREVENTION)

OSETSKIY, V.M., dots., kand. tekhn. nauk; PANKINA, N.V., tekhn. red.

[Some problems in the theory of parachutes and similar self-braking mechanisms] Nekotorye voprosy teorii shakhtnykh parashiotov i analogichnykh mekhanizmov, obladaiushchikh samotormozheniem. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 69 p. (MIRA 15:1)
(Mining machinery)

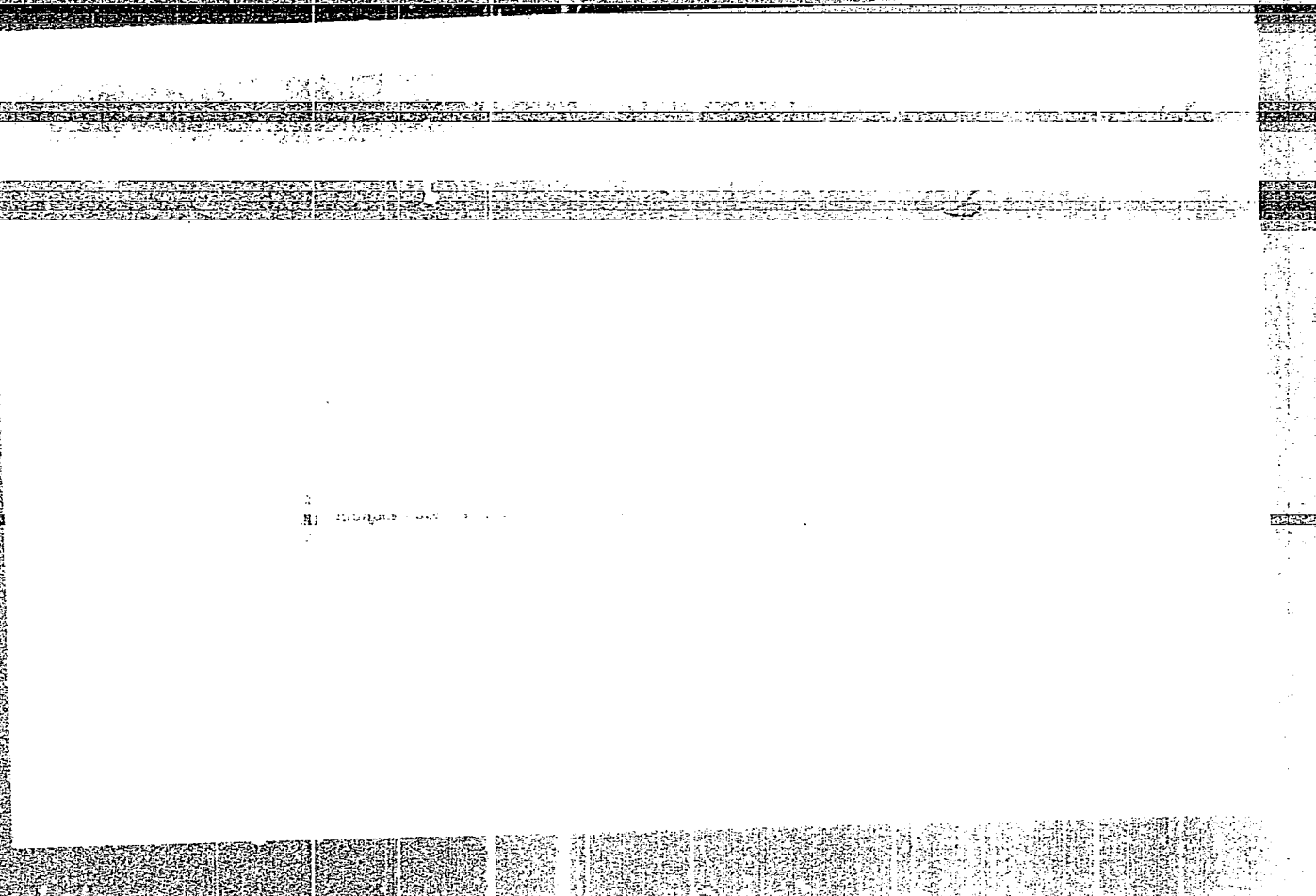
PANKINA, R.G.

Isotopic composition of the sulfur of the oils and casing-
head gases in the Bobrikovo horizon of the Zhiguli and
Mukhanovo tectonic zones. Trudy VNIGNI no.40:202-210 '64.
(MIRA 17:6)

MAKSIMOV, S.P.; YEREMENKO, N.A.; ZHUKHOVITSKIY, A.A.; TURKEL'TAUB, N.M.;
BOTNEVA, T.A.; PANKINA, R.G.

Relation between the changes in the composition of casing-head
gas and the increase of stratigraphic depth. Geol.nefti i gaza 3
no.1:55-63 Ja '59. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy
neftyanyy institut.
(Gas, Natural--Analysis)



CHURMANTEYEVA, M.N.; PANKINA, R.G.

Methods of the chemical preparation of oils and bitumens for
isotopic analysis of sulfur. Geokhimiia no. 7:870-872 1964.
(MIRA 18:11)

I. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut, Moskva. Submitted December 14, 1964.

PANKINA, R.G.; MAKSIMOV, S.P.

Regularities in the change of isotopic composition of sulfur
in connection with cyclical oil formation processes. Geol.
nefti i gaza 8 no.12:8-12 D '62. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut, Moskva.

PANKINA, R.G.

Characteristics of oil changes and accompanying gases in the
cross section of the Mukhanovo deposit. Trudy VNIGNI no.33:59-
71 '62. (MIRA 18:12)

SHOKHOV, Ivan Samsonovich; PANKINA, Ye.A., nauchnyy red.; BASHKOVICH,
A.L., red.; TOKER, A.M., tekhn.red.

[Hardfacing of cutting and stamping tools and measuring instruments]
Uprochneniye rezhushchikh, shtampovykh i izmeritel'nykh instrumen-
tov. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959.
94 p. (MIRA 13:6)
(Metal-cutting tools) (Measuring instruments) (Hardfacing)

VLADZIYEVSKIY, Aleksandr Pavlovich, doktor tekhn.nauk; PANKINA, Ye.A.,
red.; SUKHAREVA, R.A., tekhn.red.

[Automatic control of technological processes in machinery
manufacture] Avtomatizatsiia tekhnologicheskikh protsessov
v mashinostroenii. Moskva, Moskovskii Dom nauchno-tekhn.
propagandy im. F.E.Dzerzhinskogo, 1958. 21 p. (Peredovoi
opyt proizvodstva. Ser. "Kompleksnaia avtomatizatsiia i
mekhanizatsiia protsessov proizvodstva v mashinostroenii," no.2)
(MIRA 12:5)

(Automatic control) (Machinery industry)

PANKINA, YE. A.

PA 17/49T31

Nov 48

USSR/Engineering
Machining
Steel - Physical Properties

"Scientific Technical Session on the Workability of
Metals," Ye. A. Pankina, Cand Tech Sci, 1 3/4 pp

"Vest Mashinostroy" No 11

Reports recent session of VNITOMASH committee on
factors which determine machinability of steels.

17/49T31

FDB

PANKINA, Ye.A.

Two-cutter method and its application for examining cutting
processes. Stan. 1 instr. 2) no.10:12-14 O '54. (MLBA 7:11)
(Metal cutting)

OCHKIN, K.F. kandidat meditsinskikh nauk; PANKINA, Ye.P., ordinator.

Case of diffuse necrotic tooth decay in a case of osteopetrosis.
Stomatologiya no.3:12-15 My-Je '55. (MLRA 8:9)

1. Iz kafedry propedeutiki vnutrennikh bolezney (sav.prof. N.A. Al'bov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir.dotsent G.N. Beletskiy)

(OSTEOSCLEROSIS,
osteopetrosis with necrotic loose teeth)
(TEETH, diseases,
necrotic loose teeth in osteopetrosis)

INDEX AND PROPERTIES INDEX

2-3

BC

Aliphatic chloro-derivatives. IV. Chlorination of isopentane. M. DAVIDOVA, Z. PANKINA, and D. TACHENSKIKO. V. Catalytic decomposition of *n*-dichlorobutane in presence of steam. R. GUTINA and D. TACHENSKIKO (J. Gen. Chem. Russ., 1934, 6, 1615-1633, 1739-1735).—IV. All four possible monochloroisopentanes are obtained by chlorination at 18-20° in the liquid or gaseous phase.

V. (CH₃CHCl)₂ (I) and H₂O (14. moles of H₂O per mol. of (I)) at 330-400° in presence of HgCl₂ or CaCl₂·8H₂O, give butadiene (II) in 35-38, CH₃CH=CHCl (III) in 21-25, and COMeEt in 6-8% yield; the yield of (II) falls with increasing concn. of (I) in the mixture. In absence of H₂O the products are (III) and (CH₃CH)₂ with >4% of (II). Under similar conditions (III), (OH-CHMe)₂, or OH-CHMe-CHMeCl (IV) yields only traces of (II), which is the chief product obtained from CHMeCl-CH=CH₂ (V) or CHMeCH-CH₂Cl (VI) and H₂O. The probable reactions are (III) ← (I) → (V) ⇌ (VI) → (II); or COMeEt ← (IV) ← (I) ⇌ (VI) → OH-CH₂-CH-CHMe ⇌ OH-CHMe-CH=CH₂ → (II).

R. T.

ASH-514 METALLURGICAL LITERATURE CLASSIFICATION

PANKINA, Z. T.
A. F. DOBRIANSKI, ZhOKh 1937, 7, 291-297

PAN'KIV, A.M.; STERLIN, B.P.; TKHORZHEV'KIY, S.A. [Tkhorzhevs'kyi, S.A.]

Cross section of Mesozoic sediments in the Kharkov key hole.
Geol. zhur. 23 no.5:96-99 '63. (MIRA 16:12)

1. Trest Kharkivnaftogazrozvidka" i Ukr. filial VNDIGaz.

ARSIRIY, Yu.A.; BLANK, M.I.; BLIZNYUK, V.F.; GLUSHKO, V.V.;
KLITCCHENKO, I.F.; LITVINOV, V.R.; PALIY, A.M.; PAN'KIV, A.M.;
PISTRAK, R.M.; CHERPAK, S.Ye.; CHIRVINSKAYA, M.V.; YARCHENKO, L.M.

Plan for the areal study of the Dnieper-Donets Lowland. Trudy
VNIIGAZ no.14:3-17 '62. (MIRA 15:5)
(Dnieper-Donets Lowland---Petroleum geology)
(Dnieper-Donets Lowland---Gas, Natural---Geology)

PAN'KIV, R.K.

Grafting methods for ornamental trees and shrubs. Biul.Glav.bot.
sada no.37:109-111 '60. (MIRA 13:11)

1. Botanicheskiy sad L'vovskogo gosudarstvennogo universiteta imeni
Iv.Franko.
(Grafting) (Plants, Ornamental)

PAN'KIV, R. K., Cand Biol Sci (diss) -- "The biological characteristics of local varieties of apples and pears of the L'vov area". L'vov, 1960. 17 pp (Min Higher Educ Ukr SSR, L'vov State U im Iv. Franko), 150 copies (KL, No 11, 1960, 131)

USSR/Cultivated Plants - Fruits, Berries.

11-8

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39471

Author : Pan'kiv, R.K.

Inst : "

Title : Winter Resistance of Fruit Trees with Regard to Their Location.

Orig Pub : Kolhospnik Ukraini, 1957, No 6, 37.

Abstract : A brief description of the severe winter of 1949-1950 prevailing in the L'vov oblast, as well as the description of frost resistance of individual fruit species and varieties are given in this paper. It is noted that the frost damage to some apple varieties located on northern slopes is less than for those of the southern ones. The author recommends the planting of new gardens in western oblasts on the northern slopes. --- T.S. Fedosenko

Card 1/1

- 137 -

PAN'KIV, V.M.

Differential gonioscopic diagnosis of various forms of
glaucoma. Vest. oft. 76 no. 1:20-23 Ja-F'63. (MIRA 16:6)

1. Kafedra glaznykh bolezney (zav. - prof. A.M.Rodigina)
L'vovskogo meditsinskogo instituta.
(GLAUCOMA) (OPHTHALMOSCOPY)

PAN'KIV, V. M.

Case of spontaneous cyst of the root of the iris diagnosed by
gonioscopy. Oft. zhur. no.2:113-114 '62. (MIRA 15:4)

1. Iz kafedry glaznykh bolezney (zav. - prof. A. M. Rodigina)
L'vovskogo meditsinskogo instituta.

(IRIS(EYE)--TUMORS) (CYSTS) (OPHTHALMOSCOPY)

PANKNIN, W., prof., dr. ing.; POHM, Gyorgy [translator]

Power demand determination of the cold flow process and its effect on the selection of the press. Gepgyartastechn 3 no.6:205-214 Je'63.

1. Muszaki Egyetem, Berlin (for Panknin).

LIZKO, I.V., PAN'KO, A.K.

Hydatid cyst of the diaphragm with a secondary relaxation. Klin.
khir. n.6:74 Je '62. (MIRA 16:5)

1. Nikolayevskaya oblastnaya bol'nitsa.
(DIAPHRAGM—HYDATIDS)

PAN'KO, A.K.

Analysis of the homotransplantation of preserved skin. Nov.
khir.arkh. no.3:64-68 My-Je '59. (MIRA 12:10)

1. Khirurgicheskoye otdeleniye (zav. - zasl.vrach USSR I.F.Lizko)
Nikolayevskoy oblastnoy bol'nitsy i khirurgicheskoye otdeleniye
(zav. - V.G.Val'ter) Birobidzhanskoy oblastnoy bol'nitsy. Adres
avtora: Nikolayev, ul.Volodarskogo, d.4. Oblastnaya bol'nitsa.
(SKIN GRAFTING)

LIZKO, I.F., заслуженный врач УССР; PAN'KO, A.K.

Penetration of gastroenteroanastomotic ulcer into the anterior abdominal wall. Klin. khir. no.10:73 0 '62. (MERA 16:7)

1. Khirurgicheskoye otdeleniye Nikolayevskoy oblastnoy bol'nitsy.
(STOMACH—ULCERS)

PAN'KO, A.K.

Developmental lung anomalies. Nov. khir. arkh. no.5:77-90 S-0 '60.
(MIRA 14:12)

1. Khirurgicheskoye otdeleniye (zav. - zasluzhenny vrach USSR I.F.
Lizko) Nikolayevskoy oblastnoy bol'nitsy i Nikolayevskiy Obltubdispanser.
Adres avtora: Nikolayev (obl.); Oblastnaya bol'nitsa.
(LUNGS--ABNORMITIES AND DEFORMITIES)

KOLOMIYETS, N., arkhitektor; PAN'KO, G., arkhitektor; SAMOYLOVICH, V.,
arkhitektor

New standard plans for farmhouses to be built in the Ukraine.
Zhil.stroi. no.10:8-12 '58. (MIRA 12:6)
(Ukraine--Farmhouses)

PAN'KO, Ivan Kallistratovich; MAKHRACHOV, Aleksandr Yakovlevich;
NIPORKO, Yu. I., red.

[Economic regions of the Ukraine] Ekonomichni raiony
Ukrainy. Kyiv, Polityvdav Ukrainy, 1965. 94 p.
(MIRA 18:8)

PAN'KO, I.V.; KOPTELIY, K.M. [Koptelyi], mekhanik-kontroler; ZAVADA, S., slyusar

Using the KOK-2 potato combine for loading peat litter. Mekh.sil'.
hosp. 9 no.3:7-8 Mr '58. (MIRA 11:4)

1. Direktor Stechans'koi mashinno-traktoŕnoi stantsii, Kiivs'koi
oblasti (for Pan'ko).
(Combines (Agricultural machinery)) (Peat machinery)

PAN'KO, S.F., inzhener-mekhanik

Device for shaping cable clamps. Gor.zhur. no.3:57 Hr '55.

(Boring machinery)

(MLRA 8:?)

Pan'lo, S.F.

Universal jig. Mashinostroitel' no. 2:20 F '61. (MIR. 14:2)
(Jigs and fixtures)

PAN'KO, S.F., inzhener.

Wasteless method of making flanges. Energetik 5 no.5:20 My '57.
(United States--Machine-shop practice) (MLRA 10:6)

Pan'ko, S.F.

AID P - 2995

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 10/28
Author : Pan'ko, S. F., Eng.
Title : Improvement of the structure of the cooling arrangement
of the valve heads of an engine
Periodical : Energetik, 6, 17-18, Je 1955
Abstract : The author describes the improvement made in an engine
of the BV-72 type. Two drawings.
Institution : None
Submitted : No date

PAN'KO, S. F.

USSR/Miscellaneous - Metallurgy

Card 1/1

Author : Pan'ko, S. F.
Title : Example of an Efficient Drop Forging
Periodical : Stan. i Instr. Ed. 1, 37, Jan/1954
Abstract : Data on drop forging from the waste sheet-metal of roller bearing housings, belt conveyors and roller conveyors is given. The complete forging is performed in three operations under a 100-ton pressure. Drawings.
Institution :
Submitted :

PAN'KO, S.F.

Device for making metal tags by the continuous rolling method.
Avt. i trakt.prom no.11:45 N 56. (MIRA 10:1)

1. Buzul'skiy zavod tyazhelego mashinosteoyeniya.
(Sheet-metal work)

PAN'KO, S.F.

Locking nuts. Mashinostroitel' no.1:14 Ja '60.
(MIRA 13:4)

(Bolts and nuts)

PAN'KO, S.F.

Example of the effectiveness of hot stamping. Stan.1 instr. 25
no.1:37 Ja '54. (MLRA 7:2)
(Punching machinery)

PAN'KO, S.F.

Attachment for cutting keyways. Mashinostroitel' no.12:41 D '61.

(MIRA 14:12)

(Drilling and boring machinery--Attachments)

PAN'KO, S.F.

Example of the effectiveness of hot stamping. Stan.i instr. 25
no.1:37 Ja '54. (MLRA 7:2)
(Punching machinery)

PAN'KO, S.F.

Die plates with filled guides for punches (from foreign periodicals).
Kuz.-shtam. proizv. 1 no.2:41-42 F '59. (MIRA 12:10)
(Dies (Metalworking))

PAN'KO, M. A.

~~3 (1)~~ 24.6810
AUTHORS:

66552
Gerasimov, Sergey Grigor'yevich, Doctor SOV/161-59-1-21/25
of Technical Sciences, Professor, Pan'ko, Mark Andreyevich,
Aspirant

TITLE: Stabilization of the Temperature Regimen in Large Rectangular
Cloud Chambers

PERIODICAL: Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika,
1959, Nr 1, pp 181-189 (USSR)

ABSTRACT: In the work under review a basic circuit diagram for regulation
of the temperature regimen in a cloud chamber working in a
magnetic field is given. The authors proceed from the
following considerations in the construction of this circuit
diagram. The amplitude-phase characteristic and the amplitude-
frequency characteristic show that the chamber has strong
filter properties with respect to high-frequency oscillations
as an aperiodic element of first order with a great time
constant. The installation of the chamber in a thermostat
increases its filter properties. The characteristics reveal
that the thermostat is an efficient high-frequency filter.
Its use is expedient in all cases in which short-termed
external disturbances may occur. The stabilization of the

Card 1/3

Stabilization of the Temperature Regimen in Large Rectangular Cloud Chambers

66559

SOV/161-59-1-21/25

temperature regimen of the chamber consists in the elimination of external disturbances. At the same time the vertical temperature gradient in the operational range of the chamber must be maintained. This can be guaranteed only if the temperature of the lower chamber wall is equal to that of the upper one. It is shown that temperature stabilization of the upper and lower chamber wall and the compensation for disturbances (caused by the poles) may be attained by excitation of the corresponding high-frequency oscillations at the inputs of the various high-frequency ranges, provided the value of the constant oscillation component does not change. An excitation of oscillations at the input of the object is warranted by a simple mechanism consisting of a condenser (system of coils through which water flows) an electric preheater and controllers with 2 positions. The controllers act upon the preheater (according to the value of the temperature to be regulated). It was experimentally determined that the mean temperature remains constant. The specific feature of the installation is its constant load. Figure 5 illustrates such a basic circuit diagram for temperature

Card 2/3

Stabilization of the Temperature Regimen in Large
Rectangular Cloud Chambers

1958
SOV/161-59-1-21/25

stabilization. Laboratory and operational tests confirmed the applicability of above circuit diagram . The publication of this article was recommended by the institute mentioned in the "Association". There are 6 figures and 3 Soviet references.

ASSOCIATION: Kafedra teplovogo kontrolya i avtomatiki Moskovskogo energo-
ticheskogo instituta (Chair of Heat Regulation and Automation
at the Moscow Institute of Power Engineering)

SUBMITTED: October 10, 1958

Card 2/3

GERASIMOV, S.G.; PAN'KO, M.A.

Stabilization of temperature conditions in large rectangular Wilson chambers. Nauch.dokl.vys.shkoly; elektromekh. i avtom. no.1:181-189 '59. (MIRA 12:11)

1. Rekomendovana kafedroy teplovogo kontrolya i avtomatiki Moskovskogo energeticheskogo instituta.
(Cloud chamber) (Temperature regulators)

PAN'KO, S.F.

Universal jig with a turn cross bar. Mashinostroitel' no. 4:30
Ap '61. (MIRA 14:4)

(Jigs and fixtures)

MOGILEVSKIY, Isaak Moiseyevich; YEVTUKH, N.I., inzh., retsenzent;
PAN'KO, V.I. inzh., red.

[Equipment of fish processing plants] Oborudovanie rybo-
zavodov. Kiev, Tekhnika, 1964. 117 p. (MIRA 17:11)

PAN'KO, Yu.

Building development of the central farmstead of the "Bortnichi"
state farm. Sil'.bud. 12 no.4:13-15 Ap '62. (MIRA 15:8)

1. Kerivnik arkhitekturno-planuval'noi maysterni No.5
Ukrndiprosil'gospu.
(Borispol' District--Farm buildings)

FANKOTAI, G.

Viewpoints in planning mechanized transportation, p. 246, AZ ERDO,
(Országos Erdészeti Egyesület) Budapest, Vol. 5, No. 6, June 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

PANKOTAI, Gabor, dr., egyetemi tanár

Contributor series in the service of forest utilization. Erdo
14 no.3:109-113 M. '65.

1. University of Forestry and Timber Industry, Sopron.

PAN'KOV, A. (UR2AK), master radiolyubitel'skogo sporta; GONCHARSKIY, V.
(UB5Wf), master radiolyubitel'skogo sporta; VOLOSYAN, M. (UB5SD);
(STROMILOV, N. (UA3BH), master radiolyubitel'skogo sporta

What's on the air for radio amateurs today. Radio no. 3:36-37
Mr '59. (MIRA 12:4)

(Radio, Shortwave)

PAN'KOV, A.

Storage Batteries

Repair of alkalie batteries. Radio No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 ~~1953~~, Uncl.

PANKOV, A.

Leather industry and trade

"Leather production." Reviewed by A.Pankov. Leg. prom. 12 No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

PANKOV, A.

Experience in using mechanical ventilating installations at the
Syzran Grain Procurement Station. Muk.-elev.prom. 25 no.6:6-7
Je '59. (MIRA 12:9)

1. Zamestitel' direktora po kachestvu Syzranskogo khlebopriyem-
nogo punkta.
(Ventilation) (Grain--Storage)

PANKOV, A.

Sheep - Groznyy (Province)

Groznyy fine-wooled sheep. Kolkh. proizv, 12, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.
2

PAN'KOV, A.A., inzh.

Distribution of deformations in the zone of the effect of stoping.
[Trudy] VNIMI no.49:137-149 '62. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.

PAN'KOV, A.A., inzh.

Distribution of vertical loads on seams and the deformation of the wall rock in the bearing zone during modeling with the use of a plastic "yal'tmassa" composition. Izv.vys.ucheb.zav.;gor.zhur. 6 no.11:46-53 '63. (MIRA 17:4)

1. Permskiy politekhnicheskii institut. Rekomendovana kafedroy razrabotki mestorozhdeniy poleznykh iskopayemykh.

ROZOV, B.V.; BUDKOV, V.Ye.; KORENEV, A.S.; KRIULYA, M.I.; TSUKERMAN, I.S.
ZOLOTNITSKIY, Yu.I.; PETUKHOV, I.M.; PAN'KOV, A.A.; VINOKUR, B.Sh.

Manless coal mining by means of a wire rope saw in the Kizel Basin.
Ugol' 35 no. 7:38-44 Je '60. (MIRA 13:8)

1. Kombinat Kizelugol' (for Rozov, Budkov, Korenev, Kriulya,
TSukerman, Zolotnitskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy
marksheyderskiy institut (for Petukhov, Pan'kov, Vinokur).
(Kizel Basin--Coal mines and mining)
(Coal mining machinery)

(Inst. Prof.)
PANKOV, A. A., FARZALIYEV, M. M., KHALIMBEKOV, M. M., and DALGAT, M. M. (Assistant Professor, Professor, Deceased, Junior Scientific Collaborator Dagestan Scientific-Research Veterinary Station)

Pseudotuberculosis in rams with orchido-epididymitis manifestation

Veterinariya vol. 38, no. 9, September 1961, pp. 40.

KHALIMBEKOV, M.M., prof. [deceased]; FARZALIYEV, M.M., prof.;
PANKOV, A.A., dotsent; DALGAT, M.M., mladshiy nauchnyy sotrudnik

Pseudotuberculosis of rams with signs of orchiepididymitis.
Veterinariia 38 no.9:40-43 S '61. (MIRA 16:8)

1. Dagestanskaya nauchno-issledovatel'skaya veterinarnaya
stantsiya.

PANKOV, A.A.

AUTHOR: Pankov, A.A., Dotsent

3-3-18/40

TITLE: Organization of Practical Work of Student Veterinarians
(Organizatsiya prakticheskikh zanyatiy s budushchimi veterinarnymi vrachami)

PERIODICAL: Vestnik Vysshey Shkoly, March 1957, # 3, p 73-75 (USSR)

ABSTRACT: The article deals with the purpose and ways of conducting the practical training of student veterinarians. The purpose of practical work is to teach the students to combine theory and practice, to assist them in learning the most important work methods and to accustom them to independent work. Student practical work is conducted by small groups of 3 to 4 men who must independently conduct a clinical examination of a sick animal (make the diagnosis and a motivated prognosis, and indicate the treatment). The work is controlled by the instructor, and a larger number of students participate in the ensuing discussion of the results obtained. On one occasion a student carrying out an experiment on the intraosseous anesthesia of sheep came to the conclusion that the introduction of 10 ml (milliliter) of one- or two per cent solution of novocain into the breast bone causes a local anesthesia without any change in the animal's general condition.

Card 1/2

3-3-18/40

Organization of Practical Work of Student Veterinarians

Another student, treating 27 horses suffering from thrombophlebitis, made in aseptic cases subcutaneous injections of a physiological solution of 50-60 ml sodium chloride around the inflammatory seat or in case of a purulent form of disease - a resection of the affected part of the vein. In one case only (a bad purulent thrombophlebitis) the student did not succeed in healing. On the question of fumigating wounds a valuable experiment proved that the bactericidity of smoke received from burning beech-plane tree sawdust was considerably higher than the bactericidal effect of smoke from fir-pine sawdust. It proved that after 1 to 2 fumigations with beech-plane tree smoke the pus from the animal's wound disappeared and the wound began to close. An article on this work is contained in # 7 of the Journal "Veterinariya" for 1954.

ASSOCIATION: The Dagestan Agricultural Institute (Dagestanskiy sel'skokhozyaystvennyy institut)

AVAILABLE: Library of Congress
Card 2/2

3

L 1145-66 (A) EWP(c)/EWP(j)/EWP(k)/EMI(d)/EMI(m)/I/EWP(l)/EWP(v) RM

ACCESSION NR: AP5021996 UR/0286/65/000/014/0074/0074
678.058.3
678.065

AUTHOR: Gur'yanov, B. I.⁴⁴; Loshakevich, B. P.⁴⁴; Pinovskiy, M. L.⁴⁴; Gavrilova, F. A.⁴⁴
Yur'yev, S. I.⁴⁴; Pankov, A. A.⁴⁴; Mikushin, N. S.⁴⁴; Proselkova, Ye. P.⁴⁴

TITLE: A semiautomatic transfer machine for refilling the molds in autoclave
tire vulcanization. Class 39, No. 172976

SOURCE: 'Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 74

TOPIC TAGS: industrial automation; vulcanization, rubber working machinery

ABSTRACT: This Author's Certificate introduces a semiautomatic transfer machine for refilling the molds in autoclave tire vulcanization. The machine is a closed circular device with a centrally located automatic operator and devices for angular orientation of the molds as well as for opening and steam cleaning them. The machine is designed for complete mechanization of the process of extracting the tire from the mold after opening, regardless of whether the finished tire is in the upper or lower half of the mold. The automatic extraction device is made in the form of a bracket which rotates on a vertical axle. This bracket carries a

Cord 2/42

L 1145-66

ACCESSION NR: AP5021996

pair of horizontal discs which move in the vertical direction. These discs are equipped with symmetrically telescoping clamps for grasping the tires from the inside in the upper or lower position.

ASSOCIATION: none

SUBMITTED: 18Oct61

ENCL: 01

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/82

MAKAROV, L.L.; PANKOV, A.G.

System RbI - CsI - H₂O at 25°. Zhur.fiz.khim. 36 no.10:2241-2243
O '62. (MIRA 17:4)

1. Leningradskiy gosudarstvennyy universitet.

5.4110

11549
S/076/62/036/010/002/005
B101/B186

AUTHORS: Makarov, L. L., and Pankov, A. G.

TITLE: Study of the RbI - CsI - H₂O system at 25°C

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 10, 1962, 2241 - 2243

TEXT: The following aspects of the RbI - CsI - H₂O system were determined at 25°C: solubility isotherms, the miscibility of components in the solid phase, and the change in isobaric potential on formation of solid RbI-CsI solutions. Furthermore, the activity coefficient (Table) was determined from the data of isopiestic equilibria according to H. A. C. McKay, J. K. Perring (Trans. Faraday Soc., 49, 163, 1953), and A. V. Storonkin, M. M. Shul'ts (Vestn. Leningr. un-ta, no. 11, 193, 1954). The solid phase was analyzed by using Rb⁸⁶ and Cs¹³⁴. Results: (1) The system has a eutectic point with the composition 1.42 M CsI, 7.01 M RbI, and 17.962 mm Hg H₂O. (2) At 25°C RbI and CsI form solid solutions in extremely narrow concentration ranges; in CsCl-type solutions in the range 0 < x_{RbI} < 0.163, and in an NaCl-type solutions in the range Card 1/13

Study of the RbI - CsI - H₂O ...

S/076/62/036/010/002/005
B101/B186

0.922 $\ll x_{\text{RbI}} \ll 1$. Between 16.3 and 92.2 mole% RbI, the components do not mix. (3) The following equation holds for the equilibrium of ternary solutions at a constant activity $a_{\text{H}_2\text{O}}$ of water:

$1/(m_{\text{RbI}} + m_{\text{CsI}}) = 1/M_{\text{RbI}} + \alpha m_{\text{CsI}}/(m_{\text{RbI}} + m_{\text{CsI}})$, where m_i and M_i are the molality of the i -th component in the ternary and binary solution, respectively, at given $a_{\text{H}_2\text{O}}$; and α is a constant almost independent of

$a_{\text{H}_2\text{O}}$. (4) The fact that the solubility of Rb⁺ is higher than that of Cs⁺, although its radius is smaller, is explained by the deviating solubility of CsI in the series of alkali halides. There are 1 figure and 1 table.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet
(Leningrad State University)

Card 2/A 3

Study of the RbI - CsI - H₂O ...

S/076/62/036/010/002/005
B101/B186

SUBMITTED: January 19, 1962

Table. Composition of coexisting phases, pressure of water vapor, activity coefficients of components, and change in isobaric potential on formation of 1 mole of solid RbI - CsI solutions. The horizontal line separates the solid solutions with different crystal structures. Legend: (1) = solid; (2) = liquid; $\Pi_0 [1]$ = according to McKay and Perring; $\Pi_0 [2]$ = according to Storonkin and Shul'ts; $-\Delta Z$ is given in kcal/mole. J

Card 3/13

PANOV, A.G., prof.

Pathogenesis, diagnosis and classification of disorders of
the cerebral blood circulation. Vop. psikh. i nevr. no.9:
3-12 '62. (MIRA 17:1)

1. Voenno-meditsinskaya ordena Lenina akademiya imeni
Kirova.

PANOV, A.G.; ZINCHENKO, A.P.

Case of primary (atypical) amyloidosis imitating the
bulbar syndrome. Vop. psikh. i nevr. no.9:477-484 '62.
(MIRA 17:1)

1. Kafedra nervnykh bolezney Voenno-meditsinskoy ordena
Lenina akademii imeni S.M. Kirova.

PANKOV, A.G.

Experimental intralingual administration of adrenaline and
noradrenaline. Farm. i toks. 28 no.6:702-703 N-D '65.
(MIRA 19:1)

1. Eksperimental'naya laboratoriya (zav. - kand.med.nauk
V.S.Dashkovskaya) i Tsentr po lecheniyu ostrykh otravleniy
(rukovoditel' - prof. P.L.Sukhinin) Instituta skoroy
pomoshchi imeni Sklifosovskogo, Moskva.

SECRET

TOPIC TAGS: gbs o d h... ..

SUBMITTED: 1000104

EXCERPT

SUB CODE: UC, 211

FEL'DBLYUM, V.Sh.; KRYUKOV, S.I.; FARBEROV, M.I.; GOLOVKO, A.V.;
TYURYAYEV, I.Ya.; PANKOV, A.G.

Synthesis of isoprene from propylene. Part 2: Isomerization
of 2-methyl-1-pentene in the liquid phase in the presence of
solid acid catalysts. Neftekhimiia 3 no.1:20-27 Ja-F '63.
(MIRA 16:2)

1. Nauchno-issledovatel'skiy institut monomerov dlya
sinteticheskogo kauchuka i Yaroslavskiy tekhnologicheskii
institut. (Pentene) (Isomerization) (Catalysts)

S/204/63/003/001/004/013
E075/E436

AUTHORS: Fel'dblyum, V.Sh., Kryukov, S.I., Farberov, M.I.,
Golovko, A.V., Tyuryayev, I.Ya., Pankov, A.G.

TITLE: The synthesis of isoprene from propylene
2. Isomerization of 2-methylpentene-1 in the liquid
phase in the presence of solid acidic catalysts

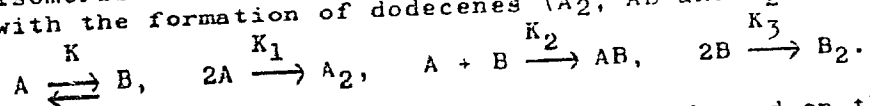
PERIODICAL: Neftekhimiya, v.3, no.1, 1963, 20-27

TEXT: The object of the work was to isomerize 91.4% wt. pure
2-methylpentene-1 in the liquid phase using silica-alumina,
cation exchange resin KV-1 (KU-1), phosphoric acid-kieselguhr,
alumina and silica gel as catalysts. All experiments were carried
out at 100 and 150°C and at 75 to 125°C with KV-1 as catalyst.
The isomerization is complicated by three secondary reactions, the
main of which is the formation of dodecene (dimerization of
isohexenes). A small amount of cracking gives amylenes
(especially at the higher temperatures). There is also formation
of small amounts of various isohexenes. Silica gel and alumina
were the least active catalysts. With the remaining more active
catalysts the velocity of the main and secondary reactions was much
Card 1/3

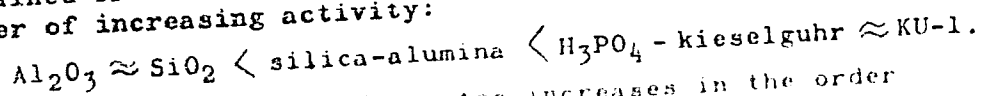
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E075/E436

The synthesis of ...

higher, the increased temperatures favoring the formation of dodecene and decreasing the yield of 2-methylpentene-2. Isomerization of 2-methylpentene-1 (A) to 2-methylpentene-2 (B) with the formation of dodecenes (A₂, AB and B₂) proceeds as follows



The relative values of K and K₁, K₂, K₃ depend on the proton acidity of the catalysts. Thus their effectiveness may be obtained from all these values. The catalysts were rated in the order of increasing activity:



The effectiveness of acidic sites increases in the order KU-1 < H₃PO₄ - kieselguhr < silica-alumina. Catalysts KU-1 and silica-alumina give about 80% conversion to 2-methylpentene-2 at 75 and 100°C respectively. There are 2 figures and 4 tables.

Card 2/3

S/204/63/003/001/004/013
E075/E436

The synthesis of ...

ASSOCIATION: Nauchno-issledovatel'skiy institut monomerov dlya
sinteticheskogo kauchuka Yaroslavskiy tekhnologicheskoy
institut (Scientific Research Institute of Monomers
for Synthetic Rubber, Yaroslav Technological
Institute)

SUBMITTED: June 9, 1962

Card 3/3

PANKOV, A. K.

PANKOV, A. K.- "Operative Therapy of False Joints and Bone Defects Using a Two-Stage Gypsum Bandage." Rostov State Med Inst, Rostov-on-Don, 1955 (Dissertations for Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

1ST AND 2ND COPIES PROCESSES AND PROPERTIES INDEX

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

COMMON VARIABLES INDEX

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

COMMON ILLUMINANTS

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

OPEN

MATERIALS INDEX

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

13

Influence of replaceable bases on physicochemical properties of soils. I. Influence of adsorbed sodium. A. M. Pankov. *Trans. Dokuchayev Soil Sci. S. No. 2, 1-27 (1943).*—There exists no regular relationship between the properties studied and the amt. of adsorbed Na. H. C. A.

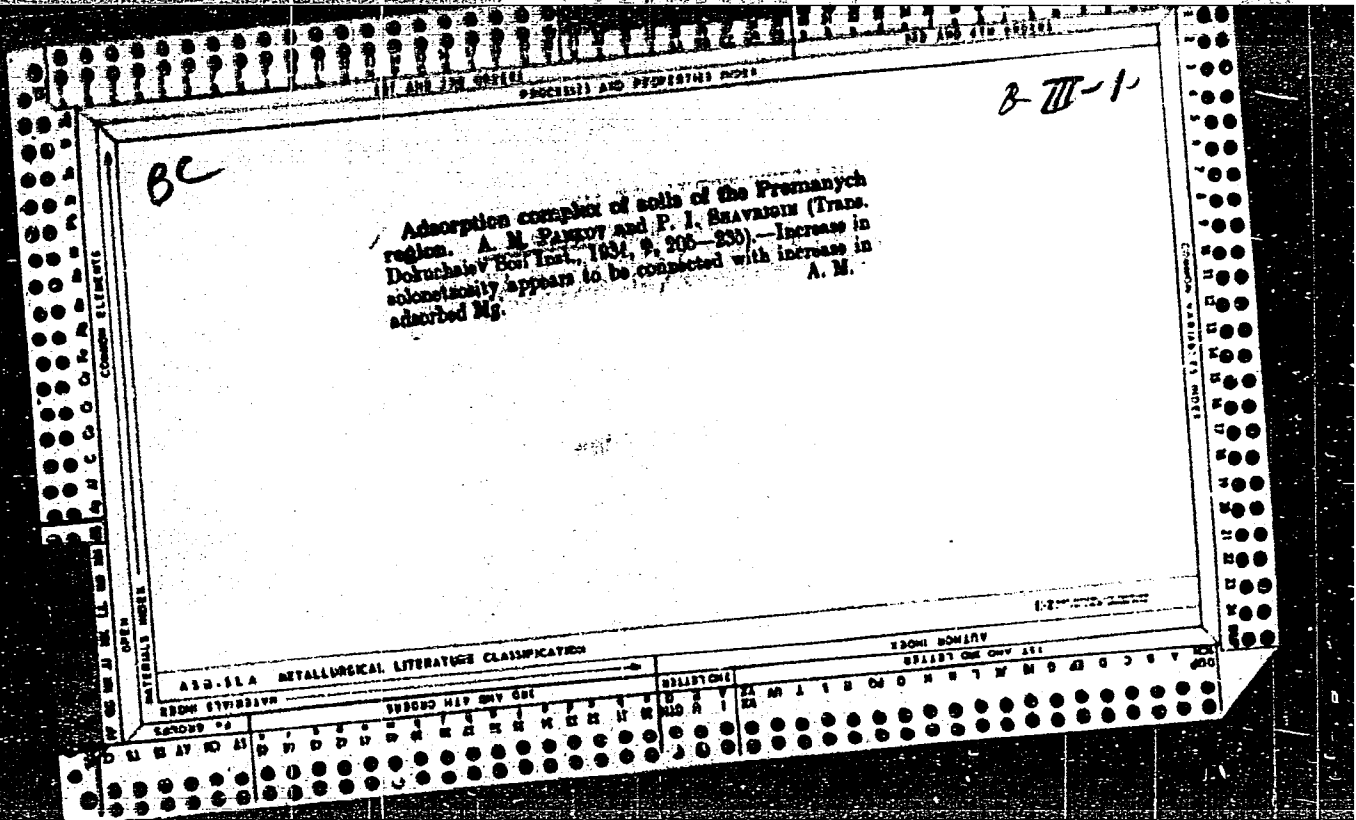
ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

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15

Soil-adsorption complex and physical properties. A. M. Pankov. *Trans. Dokuchayev Soil Inst.* 9, 237-48 (1934).—A summary. G. G.

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

COMMON ELEMENTS
COMMON VARIABLE INDEX
COMMON ELEMENTS
COMMON VARIABLE INDEX

OPEN MATERIALS INDEX
A-S-S-L-A METALLURGICAL LITERATURE CLASSIFICATION
A-U-T-I-O-N INDEX
1ST AND 2ND ORDERS
1ST AND 4TH ORDERS
1ST AND 2ND ORDERS
1ST AND 4TH ORDERS

15

COMMON ELEMENTS
COMMON VARIETIES ACES

1ST AND 2ND ORDERS
3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES WOLZ

Determination of physical properties of soils with non-aqueous liquids. A. M. Pankov. *Trans. Dokuchayev Soil Inst.* 10, No. 6, p. 20 (1934). The capillary rise of purified vaseline oil and the oil capacity should be recognized as constant. B. C. A.

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

FROM STEELMAKING

SECTIONS: H I V O N G E

WELLSITE

ALLOY GROUPS

ALLOYING ELEMENTS

ALLOYING ELEMENTS

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

15

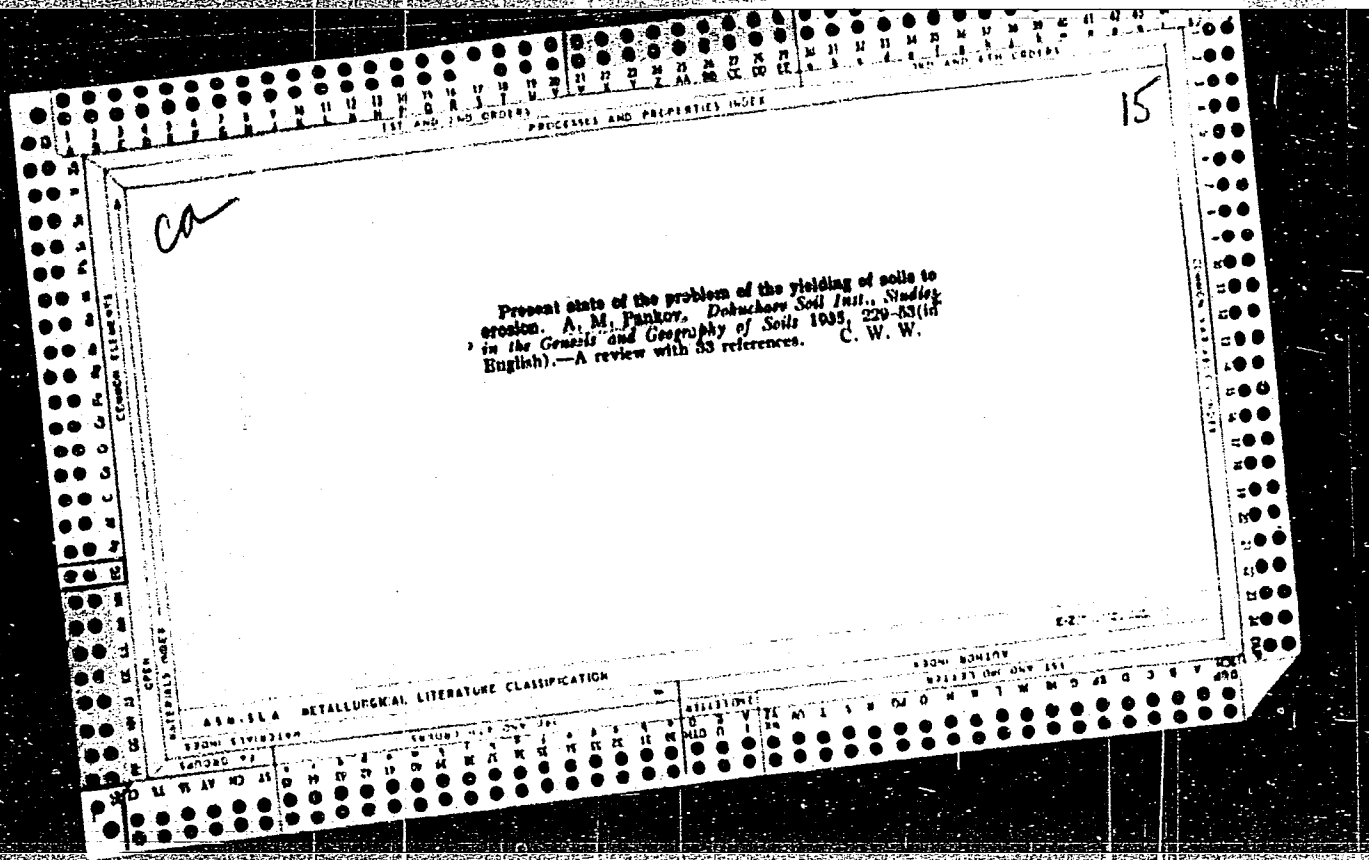
Dispersion of soils and subsoils as dependent on various conditions. A. M. Pankev. *Trans. Dokuchayev. Soil Inst.* 10, No. 6, 21-41 (summary in English 41-2) (1934).—Five g. of soil (calcd. dry wt.) was ground 5 min. with an India-rubber pestle, transferred to a graduated cylinder, stirred, made up to vol. with H₂O (200 cc.) and shaken end-over-end for 1 min. After settling for 24 hrs., a 10-cm. column of the suspension was drawn off with a pipet having side openings at the tip, evapd., dried at 105-110°, ignited to const. wt. and the percentage dispersion calcd. The relation of the dispersion of the upper horizon of chernozem to the amt. of H₂O (40% of the total H₂O capacity, total, double and fourfold H₂O capacity) was investigated with respect to the influence of time (14, 24, 34 and 45 days) on the action of the H₂O. Similar expts. were carried out on the upper horizon of a meadow soil for periods of 20 and 40 days with the same amts. of H₂O (max. hygroscopicity) with and without an amt. of toluene; also, expts. on the same soil, air-dry, treated with toluene and not, non-irrigated and irrigated with different amts. of H₂O (500-2500 cu. m. per hectar). The dispersion of sterile (with toluene) and nonsterile pheromozems under the influence of *Azotobacter* and *Nitrobacter* was investigated. The influence of the activity of worms on dispersion was studied with the humus horizon of a degraded soil and the carbonate horizon of the same soil. The absorbed bases were detd. in a soil disturbed (contg. excrement) and undisturbed by worms. Chief of the many factors which define dispersion are moisture and temp. Dispersion depends on the character, compn. and properties of the soils as well as the vegetative and animal organisms living in them. In irrigated soils, dispersion is not only affected by all of the complex factors regulating the life of the soil but also by the quality and quantity of H₂O and the extent of irrigation. Thirty-seven references.

John O. Hardesty

ASS.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

ECONOMI BOWLING

1ST AND 2ND ORDERS 3RD AND 4TH ORDERS



PROCESSES AND PROPERTIES INDEX

1ST AND 2ND COLUMNS 3RD AND 4TH COLUMNS

15

ca

The influence of adsorbed cations on setting and its external appearance. A. M. Pankov. *Pedology* (U. S. S. R.) 31, 665-73(1936).--A chestnut brown soil was satd. with H, Li, NH₄, Na, K, Ca, Mg, Mn, Ba, Al and Fe, resp., by treating it with the corresponding chlorides and removing the excess of salts after satn. The dried soil was then treated with sufficient water to bring it to the Atterberg flowing stage limit. The soil paste was divided into 4 portions. One portion in the form of a drop was dropped into a crystn. dish, the surface of the paste leveled off with a spatula and dried at room temp. to const. wt. The other 3 portions were placed on glass plates and the pastes made up to definite thicknesses, 5, 2 and 1 mm. The pastes were made into 5-cm. circular forms with the aid of a funnel. The pastes were then dried to const. wt. The cracks formed upon drying were sketched and photographed. From these the area was measured with a planometer. It was found that generally the settling decreased with the increase in the valence of the adsorbed cation. The settling also varied with the thickness of the mass. Thus in the thick pastes

1 Na and Li pastes settled 2 to 3 times more than the bi-valent-, and 6 to 8 times more than the trivalent-cation pastes. The type of cracks is also related to the type of cation. Tables and photographs illustrate the results.
J. S. Joffe

A S T M - S I A METALLURGICAL LITERATURE CLASSIFICATION

E-2

SEARCH SYMBOLS	SEARCH SYMBOLS	SEARCH SYMBOLS	SEARCH SYMBOLS
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

TROFIMOV, A.M.; PANKOV, A.M.

Effect of a macrocomponent gas on the distribution of Kr^{85} and Xe^{133}
between the gaseous phase and hydrocarbon sorbent. Radiokhimiia 7 no.3:
293-298 '65. (MIRA 18:7)

TROFIMOV, A.M.; FANKOV, A.M.; KOVARSKIY, A.P.

Preparation and study of the stability of polymethyl methacrylate
cryptonates. Radiokhimiia 7 no.3:359-361 '65. (MIRA 18:7)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001239

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0012390