

POMASKIN, V.A. (Moscow)

Angina pectoris and myocardial infarction. Med. sestra no. 4:3-8
Ap '54. (MLRA 7:5)

(Angina pectoris) (Heart--Infarction)

POMASKIN, V.D. (Moskva)

Some comments on A.M.Sigal's article "Third (coronary) circulation
and its significance in cardiology." Terap.arkh. 28 no.5:81-82
'56. (MLRA 9:10)

(HEART, blood supply,
(Rus))

POMAZAN, D.A.

Remodeling the diagram apparatus of the P-5 universal testing
machine. Zav.lab. 24 no.10:1264 '58. (MIRA 11:11)

1. Chelyabinskiy truboprokatnyy zavod.
(Testing machines)

POMAZAN, D.A.

Determining the creep limit and the yield strength on
round samples of welded pipe joints. Zav.lab. no.4:
483-484 '60. (MIRA 13:6)

1. Chelyabinskiy truboprokatnyy zavod.
(Pipe joints--Testing)

POMAZAN, D.A.

Distribution of the impact toughness of a metal along the thickness of the wall of gas pipes. Stroi. truboprov. 9 no.3:8-9 Mr
'64. (MIRA 18:2)

1. Chelyabinskiy truboprokatnyy zavod.

AUTHOR: Pomazan, D. A.

SOV/32-24-10-37/70

TITLE: ~~Modification of the Diagram Apparatus of the Universal R-5 Test-~~
ing Machine (Rekonstruktsiya diagrammnogo apparata universal'-
noy ispytatel'noy mashiny R-5)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 10, pp 1264-1264 (USSR)

ABSTRACT: The R-5 machine has an especially minute diagram of the ex-
pansion curve and an especially small scale of sample de-
formation (1:1, 1:2). In accurate tests the diagram must be
plotted by points by determining the load on the scale and the
deformation at the extensimeter. In the present case a simple
modification of this machine was carried out which gave an in-
crease of 20x in the scale of deformation. The linear velocity
is 80 mm/minute. The modification suggested makes possible a
much wider use of this test machine without any further
modifications. A description of the method of determining the
conditional limit of fluidity is given. There is 1 figure.

ASSOCIATION: Chelyabinskiy truboprokatnyy zavod (Chelyabinsk Tube Rolling
Mill)

Card 1/2

SOV/32-24-10-37/70

Modification of the Diagram Apparatus of the Universal R-5 Testing Machine

Card 2/2

PEDANOV, F.F.; POMAZAN, D.A.

Determination of creep limit and yield strength on round test specimens of welded pipe joint. Zav. lab. 27 no. 4:492-493 '61. (MIRA 14:4)

1. Chelyabinskiy truboprokatnyy zavod (for Pomazan).
(Pipe joints)

POMAZAN, M., brigadir kompleksnoy dobychnoy brigady.

Working ahead of schedule. Mast. ugl.6 no.3:6 Mr '57.
(MLRA 10:4)

(Donets Basin--Coal mines and mining)

PCMAZANENKO, G.Ya.; IL'CHENKO, M.M.

Mastering and increasing the productive capacity of blooming
mills. Stal' 25 no.8:720-722 Ag '65. (MIRA 18:8)

1. Cherepovetskiy metallurgicheskiy zavod.

POMAZANOV, I.A.; BALUKOVA, A.A.; RACHEVA, V.Yu.

Studying the rolling process without pressing in the tea factories of
Krasnodar Territory. Biokhim. chain. proizvod. no.9:137-143 '62.
(MIRA 16:4)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promy-
shlennosti, Krasnodar.
(Krasnodar Territory--Tea)

RAL'YANOV, A.P.; POMAZANOV, I.A.; SHUL'GA, V.G.; BALUKOVA, A.A.

Work practices according to a new technology in the Adler Tea Factory
in 1960-1961. Biokhim. chain. proizvod. no.9:96-102 '62.

(MIRA 16:4)

1. Adlerskaya chaynaya fabrika i Krasnodarskiy nauchno-issledovatel'skiy
institut pishchevoy promyshlennosti, Krasnodar.
(Adler—Tea)

POMAZANOV, Ivan Nestorovich; TIKHONIROV, Petr Leonidovich; RYZHIK,
Z.M., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A.,
tekh. red.

[Electric soldering guns with internal heater] Elektropa-
ial'niki s vnutrennim nagrevatelem. Leningrad, 1962. 23 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen
peredovym opytom. Seriya Svarka i paika, no.4)

(MIRA 15:10)

(Solder and soldering--Equipment and supplies)

POMAZANOV, I.N.; TIKHOMIROV, P.L.

Thermoelectric refrigerator powered by thermal energy. Khol. tekhn.
38 no.4:24-27 J1-Ag '61. (MIRA 15:1)
(Refrigeration and refrigerating machinery)

Pomazanov, I. N.

81874

S/166/60/000/03/08/011
C111/C222

24.5200

24.7000

AUTHOR: Pomazanov, I.N., and Tikhomirov, P.L.

TITLE: On Direct Winning of Coldness at the Expense of the Solar Energy
With the Aid of Semiconductors

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matemati-
cheskikh nauk, 1960, No. 3, pp. 52 - 55

TEXT: The papers (Ref. 1,2,3) describe devices which permit a transfer of heat from a colder to a warmer body with the aid of semiconductors. The author discusses the possibility of a practical application of such "electronic heat pump" for a refrigeration in warm regions, where the solar energy may serve as the heat source. It is stated that the instantaneous state of the semiconductor technique permits a refrigerating capacity of 10 kilowatt per 1 m² cooling surface and a drop in temperature of 15°. The author mentions the advantages of such cooling devices: constructive simplicity and easy handling. There are 4 figures and 4 Soviet references.

ASSOCIATION: Leningradskaya krasnoznamennaya voyenno-vozdushnaya inzhener-
naya akademiya imeni A.F.Mozhayskogo (Leningrad "Red Banner"
Air Force Engineering Academy imeni A.F. Mozhayskiy)

Card 1/2

4

L-25246-65 EWT(1)/EWG(k)/EEC(k)-2/EPR/T/EEC(b)-2/EWA(h) Pm-4/Pz-6/
Ps-4/PeB IJP(c) AT

ACCESSION NR: AR4045039

S/0275/64/000/005/B025/B025

SOURCE: Ref. zh. Elektronika i yeye primeneniye. Svodnyy tom, Abs. 5B167

AUTHOR: Pomazanov, I. N.; Tikhomirov, P. I.

42
B

TITLE: Semiconductor heat pump¹⁵ operating on the principle of combined utilization of thermoelectric effects

CITED SOURCE: Izv. Leningr. elektrotekhn. in-ta, vy*p 51, 1963, 94-106

TOPIC TAGS: semiconductor, semiconductor refrigerator, semiconductor heat pump

TRANSLATION: A semiconductor electron heat pump is considered which consists of a semiconductor refrigerator supplied by a thermoelectric generator, the two forming a closed loop. The effects of the thermocouple size and the temperature difference upon the cooling capacity Q_2 and the thermal coefficient $\eta = Q_2/Q_1$ (where Q_1 is the thermal power supplied to the generator) are estimated. The experimental results qualitatively agree with the estimate. Bibliography: 11 titles.

SUB CODE: EC,TD

ENCL: 00

Card 1/1

POMAZANOV, P. V.

11G70

USSR/Cities - Voronezh 5108.0500

Jan 1947

"Architectural Ideas in the Planning of Voronezh," P.
V. Pomazanov, 2 pp

"Arkh i Stroi" Vol II, No 1

Reconstruction details on subject city, reference to
new reservoir, progress and extent of reconstruction
indicated. Article includes architect's sketch of
the general plan of the reconstructed city.

ID

11G70

POMAZANOV, S.I.

Method of distinguishing industrial centers and the scheme of their
production characteristics. Izv.AN SSSR.Ser.geog. no.3:58-67 My-
Je '62. (MIRA 15:5)

1. Institut ekonomiki mirovoy sotsialisticheskoy sistemy AN SSSR.
(Industrial, Location of)

POMAZANOVSKIY, Yu. (Donetsk)

This promises to be more efficient. Sov.shakht. 13 no.1:14-15 Ja
'64. (MIRA 17:3)

POMAZANSKAYA, L.F.

Effect of total X irradiation on the activity of acid and
alkaline phosphates in rat brain, liver, and spleen. Dokl. AN
SSSR 132 no.5:1197-1200 Je '60. (MIRA 13:6)

1. Institut fiziologii im. I.P. Pavlova Akademii nauk SSSR.
Predstavleno akademikom A.B. Palladinym.
(X RAYS—PHYSIOLOGICAL EFFECT)
(PHOSPHATASES)

POMAZANSKAYA, L.F.

Phosphatidic acid phosphatase in the microsomes of the chicken
brain in ontogeny. Dokl. AN SSSR 155 no.1:208-211 Mr '67.

(MIRA 17:4)

1. Institut evolyutsionnoy fiziologii im. I.M.Sechenova AN SSSR.
Predstavleno akademikom V.N.Chernigovskim.

POPHADIN, I. I.

Phosphatidic acid phosphatase in subcellular fractions of the
brain of chickens in ontogeny. Zhur. evcl. biokhim. i fiziol.
1 no.4:320-324 J1-Ag '65. (MIRA 18:8)

1. Laboratoriya biokhimii nervnoy sistemy Instituta evolyutsionnoy
fiziologii i biokhimii imeni I.M. Sechenova AN SSSR, Leningrad.

Pomazanskaya, L.F.

KREPS, Ye.M.; PIGAREVA, Z.D.; CHET-VERNIKOV, D.A.; POMAZANSKAYA, L.F.

Biochemical development of the brain in ontogenesis and nervous function. Zh. vysshei nerv. deiat. 2 no. 1:46-57 Jan-Feb 1952.

(CML 23:3)

1. Institute of Physiology imeni I. P. Pavlov of the Academy of Sciences USSR.

MARGASINSKI, Zbigniew; LAGODZKI, Roman; POMAZANSKA, Teresa; KAPALOWSKI, Halina

Separation of mixtures of phenothiazine derivatives with the thin-layer chromatographic method. J. Acta Pol. pharm. 21 no.1:5-8 '64.

1. Z Zakładu Chemii Analitycznej Instytutu Leków w Warszawie (Kierownik: doc. mgr inż. Z. Margasinski).

POMAZENSKAYA, L. F.

USSR/ Human and Animal Physiology. Nervous System.
Higher Nervous System. Behavior.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93663.

Author : Pomazenskaya, L.F.

Inst :

Title : Declining Inhibition in Ontogenesis in Several Represent-
ative Mammals.

Orig Pub: Fiziol. zh. SSSR, 1957, 43, No 9, 825-830.

Abstract: In 24 puppies aged 1 to 6 months, 43 rabbits 8 days to
1½ years, and 17 guinea pigs aged 2 days to 1½ years,
there were elaborated electro-resistant conditioned
reflexes (CR) to 70 vibrations of a bell according to
the technique of Volokhov and Obrazrsova. CR produced
up to 50% positive reactions, and then 30 other combi-

Card : 1/3

BOLOTIN, V.V., doktor tekhn. nauk, prof.; MAKAROV, B.P., kand. tekhn. nauk;
MISHENKOV, G.V., kand. tekhn. nauk; NAGORNOV, L.N., inzh.;
POMAZI, L., aspirant

Some problems of dynamic stability of elastic rings subjected
to sudden loading. Izv. vys. ucheb. zav.; mashinestr. no.6:
7c-82 '65. (MIRA 18:8)

1. Moskovskiy energeticheskiy institut.

POMAZKOV, K.D.

Goals of Kirghiz geologists. Razved. i okh. nedr 29 no.10:6-11
0 '63. (MIRA 17:12)

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov
Kirgizskoy SSR.

POMAZKOV, K.D.

History of the formation of the Kyzyl-Ompul syenite massif in
the northern Tien Shan. Izv. AN Kir. SSR. Ser. est. i tekhn.
nauk 2 no.9:75-84 '60. (MIRA 14:7)
(Tien Shan—Syenite)

PCMAZKOV, V.P.; VASIL'YEV, V.P.

Determination of a first alkaline earth metal in oxide cathodes
with the aid of radioactive iodine. Izv. AN SSSR. Ser. fiz.
28 no.8:1354-1359 Ag '64 (MIRA 17:8)

POMAZKOV, V.V., kand.tekhn.nauk

Problems in the automatic control of the composition and processes
of preparing concrete mixes. Trudy NIIZHB no.33:16-28 '64.
(MIRA 18:2)

1. Voronezhskiy inzhenerno-stroitel'nyy institut.

SO7/20-122-5-40/56

2(O)
AUTHOR:

Pomazkov, K. D.

TITLE:

The Role of Tectonic Structure in the Distribution of Hercynian Intrusions in Northern Tyan'- Shan' (O roli tektonicheskikh struktur v razmeshchenii gertsinskikh intruziy Severnogo Tyan'- Shanya)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 5, pp 892-895 (USSR)

ABSTRACT:

The present geanticlinal structure of the Tyan'- Shan' region was produced by the end of Caledonian folding (Refs 2,4). The author describes the syntectonic Hercynian intrusions. All these bodies are of small size in contrast to Caledonian intrusions. Only a few reach 100-200 km². Post-Caledonian faults in the area are widely distributed, but only a few are related to intrusions. The author, through work with geologic maps and field studies (between the meridians 73° 50' and 76° 30'), concluded which structures were most important in the control of intrusion during Hercynian time. He determined that the mobile, linear tension zones were of foremost importance. Their active tectonic life from Ordovician to the end of the Paleozoic can

Card 1/2

SOV/20-122-5-40/56
The Role of Tectonic Structure in the Distribution of Hercynian Intrusions
in Northern Tyan'-Shan'

be proven. The various shear zones have only influenced the size and shape of the intrusive bodies. An overwhelming number of lead, copper and other ore deposits are related to the Hercynian intrusions. These contain almost all the known polymetals, copper, gold, and other elements. The foregoing is important for the planning of ore exploration programs and the preparation of metal-genetic maps of the region. There are 1 figure and 5 Soviet references.

ASSOCIATION: Upravleniye geologii i okhrany nedr pri Sovete Ministrov KirgSSR (Office for Administration of Geology and Protection of Earth Resources, Ministry of Kirgizskaya SSR)

PRESENTED: May 31, 1958, by N. S. Shatskiy, Academician

SUBMITTED: May 28, 1958

Card 2/2

BOGDASHEVSKIY, Viktor Ivanovich; DONICH, Konstantin Konstantinovich
[deceased]; IOFFE, Veniamin Isaakovich; KLEMPERT, Yakov
Emmanuilovich; KOLYANKOVSKIY, Viktor Polikarpovich;
KRAINSKIY, Abram Isayevich; POLOTSKIY, Solomon Gertsovich;
SVIRSKIY, Solomon Vladimirovich; ANDREYEV, P.A., retsenzent;
IVANOV, N.S., retsenzent [deseased]; POMAZKOV, N.S.,
retsenzent; KRAINSKIY, A.I., nauchn. red.; SHAKHNOVA, V.M.,
red.; KOROVENKO, Yu.N., tekhn. red.

[Accounting in shipbuilding and machinery manufacturing
enterprises] Uchet na sudostroitel'nykh i mashinostroitel'-
nykh predpriatiiakh. [By] V.I. Bogdashevskii i dr. Lenin-
grad, Sudpromgiz, 1963. 502 p. (MIRA 17:3)

FAYERSHTERN, Natan Davidovich; KATS, Mikhail L'vovich; IVANISOV, Aleksandr Ivanovich; POMAZKOV, N.S., prof., doktor ekonom.nauk, retsenzent; GRUNKIN, M.N., dotsent, kand.ekonom.nauk, red.; VARKOVETSKAYA, A.I., red.izd-va; SPERANSKAYA, O.V., tekhn.red.

[Method of planning and rules for accounting in industrial management without workshops; from the work practice of the Leningrad Building Machinery Plant] Planirovanie i normativnyi metod ucheta pri bestsekhovom upravlenii proizvodstvom; iz opyta raboty Leningradskogo zavoda stroitel'nykh mashin. Moskva. Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 69 p. (MIRA 13:6)
(Leningrad--Building machinery industry--Accounting)

POMAZKOV, N.S., prof, doktor ekon.nauk

Methods for calculating prices of products obtained by the complete
processing of raw materials. Trudy LIEI no.20:17-23 '57.
(MIRA 11:9)

(Prices)

BOGDASHEV, P.P.; DUNDUKOV, G.S.; KAL'KUTIN, V.A.; POMAZKOV, N.S.; STARCHAKOVA,
I.I., red.; SOKOLOVA, N.H., tekhn.red.

[Auditing and inspection in commencial organizations and enterprises]
Reviziia i kontrol' v torgovykh organizatsiakh i predpriatiakh.
Moskva, Gos. izd-vo torg. lit-ry, 1958. 215 p. (MIRA 12:2)
(Auditing)

POMAZKOV, N.S., professor.

Differentiation of coefficient commensuration in the calculation
of production-volume indexes. Trudy LIMI no.9:56-62 '55.

(MLRA 9:9)

(Productivity accounting)

POMAZKOV, N.S.

[Mechanization of accounting and calculating operations]
Mekhanizatsiia ucheta i vychislitel'nykh robot. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1958. 205 p.
(MIRA 12:12)

(Electronic calculating machines)

ABAKUMOVSKIY, D.D., inzh.; VIKHMAN, Yu.L., inzh.; VODOVOZOV, A.I., inzh.;
ZORIN, R.P., inzh.; IGNATCHENKO, Ye.A., inzh.; LITINSKIY, M.E., inzh.;
SAZONOV, A.I., inzh.; PRITULA, V.A., inzh.; POMAZKOV, S.A., inzh.;
FRUKHTSEYN, L.I., inzh.; SAPOZHNIKOV, N.M., inzh.; MASYUK, A.I., inzh.;
YANKELEV, L.F., inzh.; BASHILOV, M.M., otv. red.; LATINSKIY, M.E., red.;
POLOSINA, A.S., tekhn. red.

[Handbook for builders and assemblers of the petroleum industry]
Spravochnik stroitelia-montazhnika nefianoi promyshlennosti. Mo-
skva, Gostoptekhizdat, 1946. 250 p. (MIRA 15:4)

1. Russia(1923- U.S.S.R.) Narodnyy komissariat nefyanoy promysh-
lennosti. Glavnoye upravleniye. 2. Narodnyy komissariat nefyanoy
promyshlennosti SSSR (for all except Bashilov, Latinskiy, Polosina).
(Petroleum industry)

L 6811-65 EWG(j)/EWT(l)/EWG(k)/EWT(m)/EPA(sp)-2/EPF(c)/EPF(n)-2/EPR/EPA(w)-2/
T/EWA/EWP(q)/EWP(b) Pr-1/Ps-1/Pu-1/Pz-6/Pab-21/Pad/Pb-1 IJP(c)/AMD/AFWL/
RAEM(a)/RAEM(t) AT/RWH/JD/HW/JG

ACCESSION NR: AP4044653

8/0048/64/028/008/1354/1359

AUTHOR: Pomazkov, V.P.; Vasil'yev, V.P.

TITLE: Determination of the free alkaline earth metal in oxide-coated cathodes by means of radioactive iodine /Report, Third All-Union Conference on Semiconductor Compounds held in Kishinev 16-21 Sep 1963/

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v.28, no.8, 1964, 1354-1359

TOPIC TAGS: oxide cathode, barium work function, oxygen poisoning

ABSTRACT: The authors have previously developed a sensitive method of analyzing for free barium in oxide-coated cathodes, based on the fixation of the barium as BaI₂ by means of radioactive I¹³¹ (V.P.Vasil'yev and V.P.Pomazkov, Radiotekhnika i elektronika 2, 343, 1961; V.P.Pomazkov, Tr.Tashkentsk.gos.un-ta, Fizika, No.221, 136, Tashkent, 1963). In the present paper they report results of two series of tests performed in employing this procedure. In one series of experiments the quantity of free barium in a series of cathodes and on the corresponding anodes was measured, as well as the distribution of barium within the cathodes. Three different barium carbonate coatings were employed on a passive nickel base and an active alloy base.

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ACCESSION NR: AP4044653

The experimental details, including the preparation and activation of the cathodes, are described in the reference cited above. The results are discussed in terms of the theory of E.S. Rittner (Phil. Res. Rep. 8, 184, 1953). The ratio of the barium on the anode to that in the cathode and its variation with density and grain-size of the coating confirmed Rittner's assumption that the barium penetrates the coating by means of Knudsen flow. The concentration of free barium in the coating, however, was nearly independent of distance from the base; hence the assumption that the inter-action of the barium with the oxide proceeds according to Henry's law is not confirmed. The nature of the base had very little influence on the concentration of free barium in the coating. In the second series of experiments the effect of oxygen poisoning on the free barium content of triple oxide cathodes on nickel bases was investigated. The cathodes were activated by heating for 3 min each at 900, 950 and 1000°C and then operating at 850°C with an anode potential of 100 to 150 V until the work function at 600°C was between 1.7 and 1.9 eV. The vacuum was maintained during activation by means of a titanium getter, and the pressure at the end was never greater than 10^{-8} mm Hg. The cathodes were then poisoned at 600°C for 1 hour in oxygen at pressures from 5×10^{-4} to 2×10^{-7} mm Hg, and the free barium content and distribution were measured. The effect of the oxygen was to reduce the free barium content uniformly throughout the thickness of the coating. Even an oxygen pres-

2/3

L 6811-65

ACCESSION NR: AP4044653

sure as low as 5×10^{-7} mm Hg reduced the free barium content by a factor 4. The poisoned cathodes could be returned to their original condition by heating for several hours at 850°C. Orig.art.has: 3 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC,EM

NR REF SOV: 007

OTHER: 003

3/3

POMAZKOV, V.P.

Use of radioactive I^{131} in determining the concentration of barium
in an oxide cathode. Nauch. trudy TashGu no.221.Fiz. nauki
no.21:136-144 '63. (MIRA 17:4)

20591

S/109/61/006/002/023/023
E073/E335

9.3120 (1003,1137,1140)

AUTHORS: Vasil'yev, V.P. and Pomazkov, V.P.

TITLE: Determination of Free Barium in an Oxide Cathode
by the Use of Radioactive Indicators

PERIODICAL: Radiotekhnika i elektronika, 1961, Vol. 6, No. 2,
pp. 343 - 344

TEXT: From the point of view of the physical phenomena in an oxide cathode the determination of free barium in the oxide layer is of major interest. The methods used for this purpose hitherto were based on the reaction of water vapours with free barium and measurement of the pressure of the evolving hydrogen (Berdennikov method) or the reaction with nitrogen, etc. In recent work which was based on the Berdennikov method (Ref. 2), a sensitivity of 1×10^{-8} g was achieved. The method proposed by the authors is based on the reaction of free barium with iodine as a result of which the relatively stable compound BaI_2 is obtained. The isotope I^{131} was used in the form of an aqueous solution without a carrier. This enabled increasing the sensitivity
Card 1/5

20591

S/109/61/006/002/023/023
E073/E335

Determination of

of the method. For purifying the iodine a few drops of the aqueous iodine solution were mixed with benzol and the latter was separated from the water. Then a certain quantity of the stable iodine carrier was added so as to create the necessary vapour pressure in the experimental lamp. The solution of iodine in the benzol was placed into a glass tube with 4-5 intakes and this was followed by vacuum distillation of the iodine. The last part of the tube, where the iodine finally condensed, contained a sealed capillary with a striker. Before distillation of the iodine, the entire tube was carefully de-gassed and following that the tube with the radioactive iodine was welded onto the experimental tube. The experimental tube consisted of a diode with a disc cathode of 5 mm diameter and a flat anode. The base material was 99.99% Ni, annealed in vacuum. The cathode coating consisted of 55% BaCO₃, 45% SrCO₃ with an organic binder. The thickness of the coating was about 100-120 μ; activation of the cathode was in^a vacuum of at least 5×10^{-5} mmHg in two stages; in the first stage the temperature reached 1 050 °C with a short-

Card 2/5

X

20591

Determination of

S/109/61/006/002/023/023
E073/E335

duration drawing-off of the emission current. Under static conditions the current intensity reached 300 - 500 mA/cm². Following that, the cathode was cooled and the tube was sealed in a vacuum of 10⁻⁷ mm Hg. Immediately after sealing, the capillary tube was broken off and iodine vapour penetrated into the tube which was placed into a furnace at 100-120 °C for a few hours, following which the furnace temperature was increased to 200 °C, whilst the end of the ampule was cooled. As a result, the total free iodine was collected in one spot of the instrument. Then the tube was opened and the radioactivities of the anode and cathode were determined. For studying the distribution of the radioactivity along the depth of the oxide layer, the cathode was coated with paraffin wax and, by means of a special device, 10-μ thick layers were cut. From the quantity of iodine in the oxide coating, the quantity of free barium can be easily determined. On the average, the quantity of free barium in the cathodes amounted to 5 x 10⁻⁷ g, corresponding to a concentration of about 0.05%

Card 3/5

layer indicate an

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20591

Determination of

S/109/61/006/002/023/023
E073/E335

increase in its concentration from the surface into the core. The quantity of free barium on the anode is apparently lower and this seems to be due to the fact that under vacuum conditions a certain part of the free barium that evaporates from the cathode combines with the residual gases. As a result of using labelled atoms for determining the free barium concentration in oxide cathodes it can be stated that this method is more sensitive by two orders of magnitude than any other known method.

(Abstractor's note: this is a complete translation.)
There are 2 Soviet references.

ASSOCIATION: Tashkentskiy gosudarstvennyy universitet
Kafedra elektrofiziki (Tashkent State
University, Department of Electrophysics) X

SUBMITTED: July 6, 1960

Card 5/5

U S S R 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PROCESSES AND PROPERTIES INDEX

TOP AND STM CRUISE

COMMON VARIABLES INDEX

COMMON ELEMENTS

OPEN

MATERIALS INDEX

557. PRODUCTION OF CEMENT USING SLAG FROM BOILER FUEL AND THE FUEL-PREPARATION EQUIPMENT OF ELECTRICITY-GENERATING STATIONS. Vokamon, A.X. and Pomaskov, V.V. (Stroitel'naya Prom., 1946, 23, No. 10/11, 4-7) Cement is produced by utilizing the slag from powdered coal used for firing the boilers of generating stations. The necessary grinding and other equipment is that used by the generating station for preparing the coal for firing. The process is described. C.A.

AS N - 51 A METALLURGICAL LITERATURE CLASSIFICATION

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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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

POMAZKOV, V. V.

POMAZKOV, V. V. -- "Deformation During Hardening of Gypsum and Its
Significance for the Production of Building Materials." Sub 11 Mar
52, Moscow Order of Labor Red Banner Engineering Construction Inst
itute V. V. Kuybyshev. (Dissertation for the Degree of Candidate in
Technical Sciences)

SO: Vechernaya Moskva, January-December 1952

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

ca 76

Production of cement using slag from boiler fuel and the fuel-preparation equipment of electricity generating stations. A. M. Veksman and V. V. Popovskoy. *Stroitel'stvo Prom.* 23, No. 10/11, 4-7(1948).—Cement is produced by utilizing the slag from powd. coal used for firing the boilers of generating stations. The necessary grinding and other equipment is that used by the generating station for prep. the coal for firing. The process is described.
M. Hosh

Common Elements

Common Variable Index

ASM-51A METALLURGICAL LITERATURE CLASSIFICATION

EDOM SYMBLW EDOM BOWIN EDOM BOWIN

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

POMAZKOV, Yu.I., nauchnyy sotrudnik

Anthraxnose and rust of currants and gooseberries. Zashch. rast.
ot vred. i bol. 9 no.3:37 '64. (MIRA 17:4)

1. Nauchno-issledovatel'skiy institut sadovodstva nechernozemnoy
zony.

PALIY, V.F.; POMAZKOV, Yu.I.; KUZNETSOVA, Ye.; RYVKIN, B.V.; NAGAYBAKOV, A.A.

Local information. Zashch. rast. ot vrad. i bol. 8 no.3:60-61
Ag '63. (MIRA 16:10)

KOROTKIKH, G.I., kand.sel'skokhoz.nauk; POMAZKOV, Yu.I., mladshiy nauchnyy sotrudnik; SMOL'YANNIKOV, V.V.; VODOLAGIN, V.D., nauchnyy sotrudnik

Questions and answers. Zashch. rast. ot vred. i bol. 8 no.5:
42 My '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy institut sadovodstva nechernozemnoy zony (for Pomazkov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh i efiromaslichnykh kul'tur (for Vodolagin).
(Plants, Protection of)

LUNIN, M.S., prof. doktor sel'skokhoz. nauk; POMAZKOV, Yu.I., aspirant

Viral nature of reversion in black currant plantations. Izv. TSXRA
no.4:138-152 '64. (MIRA 17:11)

1. Kafedra fitopatologii Sel'skokhozyaystvennoy akademii imeni
Timiryazeva.

POMAZKOV, Yu.I., mladshiy nauchnyy sotrudnik; DUBINEVICH, B.N., starshiy nauchnyy sotrudnik (Mironovka, Kiyevskoy obl.); BLAGOVESHCHENSKAYA, V.S., agronom; BUGAYEV, I.D.; KULESHOV, L.A.; SHEREMET, I.V.; KONDAKOV, N.

Following up our articles. Zashch. rast. ot vred. i bol. 7 no.11:
18-19 N '62. (MIRA 1687)

1. Institut sadovodstva nechernozemnoy polosy (for Pomazkov).
2. Pochinkovskoye territorial'noye proizvodstvennoye upravleniye, Gor'kovskaya oblast' (for Blagoveshchenskaya).
3. Starshiy agronom Shatrovskogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozyaystvennykh rasteniy (for Bugayev).
4. Nachal'nik Gomel'skogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozyaystvennykh rasteniy (for Kuleshov).
5. Agronom po zashchite rasteniy sel'skokhozyaystvennoy arteli imeni Frunze, Kupenskogo rayona, Khar'kovskoy oblasti (for Sheremet).
6. Nachal'nik Chuvashskoy respublikanskoy stantsii zashchity rasteniy (for Kondakov).

POMAZKOVA, Ye.N., kand.arkhitektury; YASTREBOV, A.L., inzh.

Plan for an enterprise of the aluminum industry of the future. Prom.
stroil. 40 no.7:24-29 '62. (MIRA 15:7)

(Aluminum industry)

(Automation)

POMAZKOVA, Ye.N., kand. arkhitektury; MURAV'YEVA, B.V., kand.
arkhitektury, red.; GRIGOR'YEVA, I.B., red. izd-va;
ROZOV, L.K., tekhn. red.

[Landscaping of northern towns and settlements] Ozelenenie
severnnykh gorodov i poselkov. Leningrad, Gos. izd-vo lit-
ry po stroit., arkhit. i stroit. materialam, 1962. 125 p.
(MIRA 15:9)

(Russia, Northern—Landscape gardening)

BOGDANOV, Aleksandr Antonovich; POMAZKOVA, Zinaida Serafimovna; ~~KAYESH-~~
KOVA, S.M., red.; POLOSINA, A.S., tekhn. red.

[Jet apparatus for flushing sand-clogged wells] Struinye apparaty dlia promyvki peschanykh probok v skvazhinakh. Moskva, Gos. nauchno-tekhn. izd-vo nef. i gorno-toplivnoi lit-ry, 1960. 82 p. (MIRA 14:5)

(Sand)

POMAZKOVA, Z.S., inzh.; KUZ'MINOV, S.Z., inzh.

Jet pump for removing sand obstructions from oil wells.
Neftianik 2 no.8:9-12 Ag '57. (MIRA 10:10)

1. Konstruktorskoye byuro po beshtangovym nasosam.
(Oil well pumps)

POMAZOV, V.

Relay race at the Sormova Plant. Izobr. i rats. no.3:19 Mr '61.

(MIRA 14:3)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobretateley
i ratsionalizatorov zavoda "Krasnoye Sormovo", Gor'kiy.
(Gorkiy—Machinery industry—Technological innovations)

POMAZOV, V.

Introducing suggestions of efficiency promoters. Izobr.i rats.
no.12:15 D '58. (MIRA 11:12)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobrotateley i
ratsionalizatorov zavoda "Krasnoye Sormovo."
(Gorkiy--Machinery industry)

ASTASHEV, V.G., inzh.; POMAZOVA, V.S., inzh.

Vacuum system wringer for the wringing of knit fabrics with the
continuous method. Nauch.-issl.trudy VNIITP no.4:37-59 '63.

(MIRA 17:4)

ALYENKOT, V.F.; LOM, V.V.; YEN, V.V.; ...

Adjustment of plants to toxic doses of ... during an experiment.

Trudy TSCS no. :86-04 '67.

(CIA 17:1)

FOMAZOVICH, N.

SHCHERBAKOV, D.I., akademik; BABAT, G.I., prof. doktor tekhn. nauk; ZHELTKOV,
V., inzh.; VERD'YE, Zhan, zhurnalist (Frantsiya); RUBASHEV, B.;
GRIGOR'YEV, S., inzh.; SAUKOV, A.A.; VASIL'YEV, M., inzh.; ~~FOMAZOVICH,~~
~~N., prof.;~~ GALINA, L.M., muzykoved-fol'klorist; KRSHNER, D., biolog;
BUDYKO, I., prof.; SEMENOV, S., zhurnalist.

Discoveries to be made. Znan. sila 32 no.11:27-32 N '57. (MLRA 10:11)

1. Iсполnyayushchiy obyazannosti uchenogo sekretarya Glavnoy astro-
nomicheskoy observatorii (for Rubashev). 2. Chlen-korrespondent AN
SSSR (for Saukov). 3. Direktor Glavnoy geofizicheskoy observatorii
im. A.I. Vovaykova (for Budyko).

(Science)

POMAZOVSKAYA, I.V.

Effect of temperature on gas exchange in some crustaceans.
Trudy Kar. fil. AN SSSR no.33:90-93 '62. (MIRA 16:2)
(Crustacea—Transportation)
(Respiration)

POMAZOVSKAYA, I.V.

Oxygen consumption by some crustaceans in the Karelian lakes.
Uch.zap.Kar.ped.inzt.7:93-96 '58. (MIRA 15:2)
(Karelia--Amphipoda) (Respiration)

POMAZUNOVSKIY, P.Ya.

112-2-3451

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,
Nr 2, p.134 (USSR)

AUTHOR: Pomazunovskiy, P.Ya.

TITLE: No-Load Running Limiter for Metal Working Lathe Electric
Motors (Ogranichitel' kholostogo khoda elektrodvigateley
metallorezhushchikh stankov)

PERIODICAL: Vestn. tekhn. inform. M-vo stankostroit. i instrum.
prom-sti SSSR, 1956, Nr 2, pp.33-35

ABSTRACT: The no-load running limiter of metal working lathe (turning
lathes, screwcutting lathes, and turret lathes) electric
motors ensures rapid disconnection of the blocking contacts
when the instrument is withdrawn from the piece being
worked during thru-feed, as well as in-feed. The basic
unit of the limiter is an idle sleeve with a sprocket
wheel, loosely fitted on the shaft connected to the

Card 1/2

MYZENKO, D.K., inzh.; POMAZUYEV, V.M., inzh.; MIRONCHIK, M.S., inzh.;
KOROL'KEVICH, L.Yu., inzh.

Purification of blast furnace gas without electrostatic filters.
Stal' 20 no. 7:667-670 J1 '60. (MIRA 14:5)

1. Chelyabinskiy metallurgicheskiy zavod.
(Gases—Purification)

18.3200

77623
SOV/133-60-2-23/25

AUTHORS: Myzenko, D. K., Pomazuyev, V. M. Mironchik, M. S.
(Engineers)

TITLE: Purification of Blast Furnace Gas in Furnace Working at
Elevated Pressure and With Enriched Blast

PERIODICAL: Stal', 1960, Nr 2, pp 180-186 (USSR)

ABSTRACT: Electric gas purification, introduced in 1955 according
to a design of the State Institute for the Design and
Planning of Gas Purification Structures (Giprogazoochistka),
has failed to produce the expected results. From 1956
to 1958 the authors have studied optimal rates of gas
purification in cooperation with the personnel of the
Ural branch of the State All-Union Trust for the Design,
Planning, Assembly and Adjustment of Power Installations
and Control and Measuring Instruments of the Ministry of
Ferrous Metallurgy of the USSR (Uralenergochermet). The
efficiency of scrubber, Venturi pipe, and Cottrell
filter was investigated with reference to action of the

Card 1/7

Purification of Blast Furnace Gas in
Furnace Working at Elevated Pressure
and With Enriched Blast

77623
SOV/133-60-2-23/25

following factors: (1) dust content in gas at inlet, (2) gas load, and (3) water and power load. During the test period gas pressure under the furnace top was 0.7 to 1 atm gage, ore portion of the charge contained 50 to 60% sinter, 20 to 40% assorted ores, and 6 to 14% siderite. The top products of the furnace had the following chemical composition (%): (a) blast-furnace dust: SiO_2 , 18.82; Al_2O_3 , 7.75; CaO , 3.53; MgO , 1.50; MnO , 1.47; FeO , 24.06; Fe_2O_3 , 20.44; S, 0.29; P, 0.06; others, 20.37; (b) blast furnace gas: CO_2 , 14.5; CO , 27.9; CH_4 , 0.5; H_2 , 2.2; N_2 , 54.9. The authors tested (1) Scrubber working on high pressure gas (0.7 to 0.9 atm gage under top). By passing max 200,000 m^3/hr through the scrubber, resistance increased to 110 mm water column at elevated pressure and to 450 mm water column at regular pressure. The authors found that the

Card 2/7

Purification of Blast Furnace Gas in
Furnace Working at Elevated Pressure
and With Enriched Blast

77623
SOV/133-60-2-23/25

extent of gas cleanliness in the scrubber was essentially influenced by the dust content at the gas inlet. Under plant conditions, optimal scrubber efficiency (96%) was achieved with water consumption of 3 m³/100 m³ gas. Further decreases in water failed to affect scrubber efficiency. Fluctuations of gas temperatures at the scrubber inlet had no effect on final gas temperature, while the rate of gas flow influenced heat transfer considerably (see Fig. 4). (2) Venturi pipe: after passing the pipe the maximum dust content in gas should not exceed 50 mg/m³. Decreased water consumption (44 to 47 m³/hr initially to 28 to 29 m³/hr) increased dust content 2 to 3 times. At increased water consumption pipe resistance becomes proportional to the contact area of gas with water droplets and water mist. Dust content in gas versus pipe resistance caused by water is shown in Fig. 1. An experimental bilateral spray with 15 mm diam outlets increased Venturi pipe efficiency by 65%. (3) DM-300 Cottrell

Card 3/7

77623, SOV/133-60-2-23/5

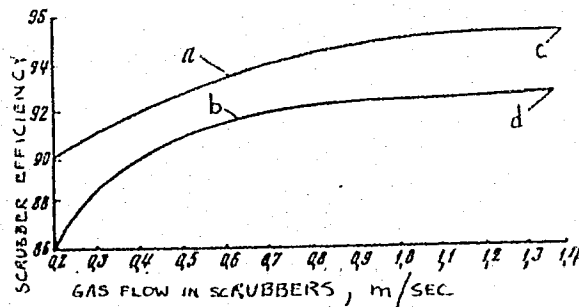


Fig. 4. Scrubber efficiency versus gas flow velocity:
 (a) gas flow velocity 0.65 to 0.70 m/sec (2 scrubbers with identical gas load at 80,000 m³/hr and water consumption of 300 m³/hr); (b) same, 250 m³/hr; (c) gas flow velocity 1.3 to 1.4 m/sec (1 scrubber with double load 160,000 m³/hr, water consumption 300 m³/hr); (d) same, 250 m³/hr

Card 4/7

77623, SOV/133-60-2-23/25

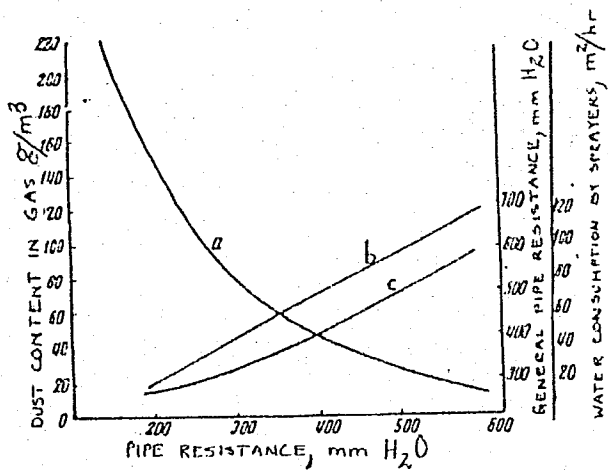


Fig. 1: Relation between dust content in gas (a) after Venturi pipe vs pipe resistance created by water; (b) total pipe resistance and water consumption by radial sprays; (c) water consumption by spiral sprays.

Card 5/7

Purification of Blast Furnace Gas in
Furnace Working at Elevated Pressure
and With Enriched Blast

77623
SOV/133-60-2-23/25

filter: tests showed that within 3 to 4 weeks the filters required repair. However, filters work reliably for a minimum period of 6 months when precipitation electrodes are not continuously washed. (4)
Throttle units: since gas has an increased dust content after scrubbing, while the throttle unit being sprayed served as a good purifier, 60 to 70 m³/hr water was supplied to the gas duct in front of the throttle unit; as a result, the dust content did not exceed 6 to 7 mg/m³ with gas pressure under the top at 0.3 atm gage. Gas contamination was decreased to 1 to 3 mg/m³ and the required water consumption to 30 to 40 m³/hr by placing the waterline behind the throttle unit so the water jet was directed toward the gas flow. In a new furnace design the following improved features were incorporated: scrubber, three Venturi pipes with 450 mm diam of minimum section, and water-sprayed throttle valve unit. Since 1958 the new furnace has been working with gas purified to 10 mg/m³

Card 6/7

Purification of Blast Furnace Gas in
Furnace Working at Elevated Pressure
and With Enriched Blast

77623
SOV/133-60-2-23/25

and a gas pressure under the top of 3,000 mm water column. (5) Purification of blast furnace gas in work with atmospheric and oxygen-enriched blast: Oxygen-enriched (to 25.8%) blast has been used since 1958. No difficulties were encountered in purifying gas during the production of conversion cast iron. Gas purification to less than 10 mg dust per 1 m³ is only possible by passing maximum 30,000 m³/hr gas through Cottrell filter DM-1, a water consumption of 7.5 to 8 m³/1,000 m³ gas, and electric loads ranging from 180 to 200 ma for each electric field. There are 6 figures; and 1 table.

Card 7/7

POMBRIK, I., podpolkovnik, kand. voyennykh nauk

Defense. Voenn. znan. 38 no.7:19-20 J1 '62. (MIRA 15:6)
(Attack and defense (Military science))
(World War, 1939-1945)

I 22229-66

ACC NR: AP6008423 (N) SOURCE CODE: UR/0310/66/000/002/0026/0026

AUTHOR: Pomelov, A. (Engineer)

ORG: Yenisei Steamship Line (Yeniseyskoye parokhodstvo)

TITLE: A means of expediting the preparation of "ice caissons"

SOURCE: Rechnoy transport . no. 2, 1966, 26

TOPIC TAGS: ship, marine engineering, ship repair, ~~ship~~

ABSTRACT: [ABTRACTER'S COMMENT: "Ice caissoning" is a regional winter ship-repair practice used in the far northern regions of the USSR where temperatures stay below minus 10°C and ice thickness reaches about 2 m or more. The purpose is to expose the damaged propulsion equipment or under-water side areas of small vessels (about 1000 tons or less), thus obviating the necessity for spring drydocking. The process involves chipping away the ice around the area to be exposed down to within 10 cm of the water below. Subsequent refreezing over a period of days forms a "bubble" extending below the normal ice cover. This is again chipped away and allowed to refreeze until the desired depth and position are reached, generally no deeper than 3.5 m]. The author shows graphically ice-formation characteristics as related to time, temperature, and a forced cold-air draft system utilizing directional

Card 1/3

L 22229-66

ACC NR: AP6008423

ducting. The purpose of the forced draft system is to speed up caissoning. Additionally given in the article are the method and setup (see Fig. 1.) for repairing cracks in a flooded caisson. The method involves the sealing of a water-suction line and a compressed cold-air

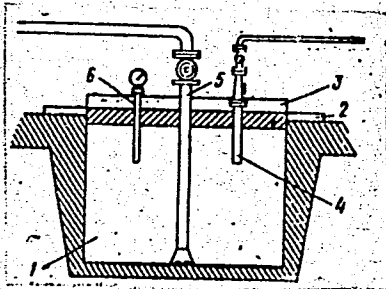


Fig. 1. Setup for repairing a flooded ice caisson

1 - flooded caisson; 2 - boards;
3 - weight; 4 - compressed cold-air inlet pipe; 5 - suction line for water removal; 6 - pipe with pressure gage.

line into the caisson through a wood-reinforced naturally-forming ice cover over the caisson opening. A load of 200 kg per 1 m² of caisson area is then placed over the covering. Through pumping and cold-air pressurization, water is removed and kept from reflooding the caisson.

Card 2/3

L 22229-66

ACC NR: AP6008423

The caisson is kept pressurized for about 4 hours, at which time cracks and punctures in the caisson have refrozen and the cover may be removed. Orig. art. has: 3 figures. [LB]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS:

Card 3/3 nst

POMELOV, ~~Aleksandr~~ ~~Sergeyevich~~, inzh., nauchnyy sotr.

[Apartment house from ready-made room units; experience of Central Research Laboratory No.3 of the Main Construction Administration of the Armed Forces] Zhiloi dom iz gotovykh korobok-komnat; opyt TaNIL-3 Glavvoenstroia. Moskva, Gosstroizdat, 1960. 43 p. (MIRA 15:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Tsentral'naya nauchno-issledovatel'skaya laboratoriya No.3 Glavnogo stroitel'nogo upravleniya vooruzhennykh sil (for Pomelov).
(Buildings, Prefabricated)
(Apartment houses)

POMELOV, S.

Anticipating the future. Prof.-tekh. obr. 18 no. 3:7-8 Mr '61.
(MIRA 14:4)

1. Direktor-tekhnicheskogo uchilishcha No.7, g. Moskva.
(Vocational education)

POMELOV, S.

New complex tasks. Prof.-tekh.obr. 11 no.7:4-6 0 '54.(MLBA 7:11)

1. Direktor Moskovskogo tekhnicheskogo uchilishcha no.7.
(Moscow--Technical education)

POMELOV, S.I., kand. tekhn. nauk, red.; SOLOMONOV, A.A., kand.
tekhn. nauk, red.; TKACHEVA, A., red.

[Balancing and estimating the precision of base survey-
ing nets] Uravnoveshivanie i otsenka tochnosti setei
geodezicheskogo s^{em}ochnogo obosnovaniia; sbornik na-
uchnykh rabot. Minsk, Urozhai, 1965. 166 p.

(MIRA 18:12)

1. Gorki. Belaruskaiia akademiia sel'skoe haspadarki.

POMELOV, S.I.

Effects of land relief on the productivity of the DT-54 tractor
in plowing. Trudy MIIZ no.11:99-107 '61. (MIRA 14:9)
(Crawler tractors) (Plowing)

POMELOV, S.I., kand. tekhn. nauk, red.; SOLOMONOV, A.A., kand.
tekhn. nauk, red.; TKACHEVA, A., red.

[Balancing the network of a geodesic base line and
estimating its accuracy] Uravnoveshivanie i otsenka
tochnosti setei geodezicheskogo obosnovaniia; sbornik
nauchnykh rabot. Minsk, Urozhai, 1965. 166 p.

(MIRA 18:9)

1. Gorki. Belaruskaya akademiya sel'skoye haspadarki.

POMELOV, V. S.

Role of prescalene biopsy in diagnosing lung cancer. *Khirurgiia*
no.2:107-112 '62. (MIRA 15:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - zasluzhennyy
deyatel' nauki prof. N. N. Yelanskiy) I Moskovskogo ordona Lenina
meditsinskogo instituta im. I. M. Sechenova.

(LUNGS--CANCER) (BIOPSY)

PGMELOV, V.S.; SLADKOVICH, V.S.

Method of pneumomediastinography and its role in evaluation
operability in cancer of the esophagus. Khirurgiia no.3:79-84
'62.

(MIRA 15:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N. Burdenko
(zav. - zasluzhennyy deyatel' nauki prof. N.N. Yelasniy) i Moskov-
skogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(PNEUMOMEDIASTINUM) (ESOPHAGUS---CANCER)

SHKROB, O.S., dotsnet; POMELOV, V.S. (Moskva)

Case of aneurysm of the pulmonary artery. Klin.med. no.4:122-
125 '62. (MIRA 15:5)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N. Burdenko
I Moskovskogo ordena Lenina meditsinskogo instituta imen I.M.
Sechenova (dir. - zasluzhenny deyatel' nauki prof. N.N. Yelanskiy).
(ANEURYSMS) (PULMONARY ARTERY--DISEASES)

SHKROB, O.S. (Moskva, V-48, Novodevichiy prospekt, d.2, kv. 142);
POMELOV, V.S.; SLADKOVICH, V.S.

Diagnosis of inoperability in pulmonary cancer. Grudn. khir. 4
no.5:66-72 S-0'62 (MIRA 17:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - zaslužen-
nyy cdeyatel' nauki prof. N.N. Yelanskiy) I Moskovskogo medi-
tsinskogo instituta imeni I.M.Sechenova.

POMELOV, V. S.

Bronchoscopy under general anesthesia in primary cancer of the lung. Grud. khir. 4 no.3:18-22 My-Je '62. (MIRA 15:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - zasluzhennyi deyatel' nauki prof. N. N. Yelanskiy) I Moskovskogo meditsinskogo instituta imeni I. M. Sechenova. Adres avtora: Moskva, B. Pirogovskaya, d. 2/6. Fakul'tetskaya khirurgicheskaya klinika imeni Burdenko.

(LUNGS--CANCER) (BRONCHOSCOPY)

SHKROB, O.S., dotsent; POMELOV, V.S.

Evaluation of various diagnostic methods in primary pulmonary cancer. Khirurgiia no.1:64-71 '62. (MIRA 15:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - zasluzhennyi deyatel' nauki prof. N.N. Yelanskiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(LUNGS--CANCER)

SHKROB, O.S., dotsent; POMELOV, V.S.

Hazards and complications in special examination of lung diseases. Khirurgiia 39 no.7:106-112 J1'63 (MIRA 16:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N.Burdenko (zav. - zasluzhennyi deyatel' nauki prof. N.N.Yelanskiy) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

POMELOV, V.S.

Rarely encountered complication after pulmonectomy with trans-pericardial ligation of the vessels. Vest.khir. 89 no.7:100-101 JI '62. (MIRA 15:8)

1. Iz rakul'tetskoy khirurgicheskoy kliniki (zav. - prof. N.N. Yelanskiy) 1-go Moskovskogo oordena Lenina meditsinskogo instituta.

(LUNGS--SURGERY)

(HEART--DISPLACEMENT)

POMELTOV, C.

Pomelto, C. Casovitchi, I. Strucov, A.

"Clinicoradiological and anatomic observations on the primary complex and the tuberculosis of lymphatic nodes. Tr. from the Russian. " p. 60.

(Analele Romano-Sovietice. Seria Pediatrie., Series a III-a, v. 6, no. 2, Mar. / Apr. 1953, Bucuresti)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

POMEL'TSOV, A. N. Cand Med Sci -- (diss) "~~The~~ Effect of Muscular
Work on the Motor Function of the Stomach and ~~the~~ Duodenum,"
Mos, 1957. 13 pp 20 cm. (Academy of Medical Sciences USSR),
200 copies (KL, 25-57, 119)

0 148 -

BLAGOVIDOV, D.F.; POMEL'TSOV, A.N.; FINK, A.S.; ANDRUSHCHENKO, Ye.S.

Experimental sclerosing pancreatitis caused by punctate thermo-coagulation. Eksper. khir. i anest. 9 no.6:38-41 N-D '64.

(MIRA 18:7)

1. Patofiziologicheskaya laboratoriya Tsentral'noy klinicheskoy bol'nitsy (glavnyy vrach - A.I.Khrumlyan), 1.-ya bol'nitsa (glavnyy vrach - dotsent V.G.Bezzubik) 4-go glavnogo upravleniya pri Ministerstve zdravookhraneniya SSSR i Otdel patologicheskoy anatomii (zav. - prof. D.S.Sarkisov) Instituta khirurgii imeni A.V.Vishnevskogo (direktor - deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN SSSR, Moskva.

L 34809-66

ACC NR: KP6021803

SOURCE CODE: UR/0413/66/000/012/0072/0072

INVENTOR: Bol'shov, V. M.; Pomel'tsov, A. N.; Smirnov, V. I.

7
B

ORG: none

TITLE: Device for the contactless investigation of the pooling of blood in organs and vessels. Class 30, No. 182847

22

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 72

TOPIC TAGS: blood sensor, human physiology, animal physiology, blood circulation, hemodynamics, hemodynamic sensor, *PLETHYSMOGRAPHY*

ABSTRACT: An Author Certificate has been issued for a device used to study the pooling of blood in organs and tissues. It consists of a housing, high-frequency

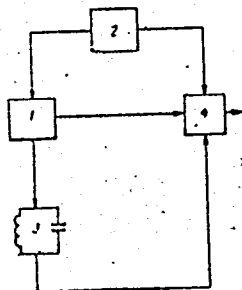


Fig. 1. Block diagram of device

1 - High-frequency generator; 2 - power source;
3 - sensor; 4 - Q-measuring circuit.

Card 1/2

UDC: 615.471.621.38:612.14

L 34852-66

ACC NR: AP6015149

shape. The synchronized generator is represented by a blocking generator, while a diode-transformer comparator performs the functions of pulse generation and pulse comparison. The process of synchronization is explained, and formulas describing zones of synchronization are developed. Two experimental circuits designed along the above lines were tested with these results: (1) An electron-tube circuit ensured a maximum division ratio of 50-70, with a supply-voltage variation of $\pm 20\%$ and a synchronizing-pulse frequency of 75 kc; (2) A transistorized circuit exhibited a maximum division ratio of 40, with the same $\pm 20\%$ voltage variation and a temperature variation of $+ 20 + 75C$. Orig. art. has: 9 figures, 26 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: 08Apr64 / ORIG REF: 002

Card 2/2 IV

TABAROVSKIY, I.K.; GOFMAN, I.M.; POMEL'TSOV, A.N.

Soviet-manufactured electrokymograph EKS-60. Vest. rent. i rad.
37 no.5:55-60 S-O '62. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya (direktor - kand. tekhn. nauk I.P.
Smirnov).

SELIVANOVA, T.P.; POMEL'TSOV, A.K.

Therapeutic action of hydroaeroions in various pathological changes in the body. Nov. med. tekhn. no.2:54-57 '62.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.