

POSLAVSKIY, V.V., akademik; IGNATYUK, G.L., inzh-

Fourth regional conference of the United Nations Economic Commission
for Asia and the Far East on the development of water resources.
Gidr. i mel. 13 no.4:58-61 Ap '61. (MIRA 14:4)
(Asia--Water resources development--Congresses)

POSLAVSKIY, V.V., akademik; GIRSHKAN, S.A., kand.tekhn.nauk;
MOCHALOV, I.P., kand.tekhn.nauk

Investigating the seepage from canals. Gidr. i mel.
14 no.6:11-18 Je '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrotekhniki i melioratsii im. Kostyakova. 2. Akademiya
nauk Uzbekskoy SSR (for Poslavskiy).
(Golodnaya Steppe--Irrigation canals and flumes)
(Seepage)

411-Union Sci Res Inst. Hydrotech Eng. & Soil Improvement
im. A.M. Kostyakov, Moscow

POSLAVSKIY, Ye.V., kand.med.nauk

Leukopedesis and proteins in gastric juice in gastritis and
peptic ulcer [with summary in English]. Terap.arkh. 31 no.3:
32-42 Mr '59. (MIRA 12:4)

1. Iz Glavnogo voyennogo gosptalya imeni akademika N.N. Burdenko.
(LEUKOCYTES,
leukopedesis in gastritis & peptic ulcer (Rus))
(PROTEINS, metab.
gastric juice, in peptic ulcer & gastritis (Rus))
(GASTRIC JUICE,
proteins in peptic ulcer & gastritis)
(GASTRITIS,
leukopedesis & gastric juice proteins (Rus))
(PEPTIC ULCER,
same)

POSLAVSKIY, Ye.V.

~~Effect of mineral water "Sandagou" on water-and chloride metabolism.~~
Klin.med., Moskva 29 no.2:90 Feb 51. (CIME 20:7)

1. Vladivostok.

POSLAVSKIY, Ye. V.; ANSECHUKOV, A. M.

Leptospirosis. Klin. med., Moskva no. 4:58-63 Ap '50. (CML 19:3)

1. Vladivostok.

POSLAVSKIY, Ye. V., kand.med.nauk

Nocturnal gastric secretion in patients with gastritis and peptic ulcer.
Terap.arkh. 31 no.12:21-26 D '59. (MIRA 13:4)

1. Iz kafedry klinicheskoy i voyenno-polevoy terapii (zav. - prof.
N.S. Molchanov) Tsentral'nogo instituta usovershenstvovaniya vrachey
na baze gorodskoy klinicheskoy bol'nitsy No.6.

(GASTRIC JUICE)

(PEPTIC ULCER ther.)

(GASTRITIS ther.)

(SLEEP ther.)

POSOKHOV, Ye.V.

Mineral formation as a factor in the metamorphization of natural waters. Gidrokhim. mat. 38:91-105 '64.

Role of the lithologic-mineralogical composition of rocks in the formation of hydrochemical types of underground water. Ibid.:106-116 (MIRA 18:4)

1. Novocherkasskiy politekhnicheskii institut.

POSLAVSKIY, Ye.V., dotsent; LEKSIKOV, I.M.

Severe case of lymphogranulomatosis successfully treated with
dopan. Probl.gemat.i perel.krovi 4 no.12:45-46 D '59. (MIRA 13:4)

1. Iz Glavnogo voyennogo gospiataly imeni N.N. Burdenko.
(NITROGEN MUSTARDS ther.)
(URACIL rel.opds.)
(HODGKIN'S DISEASE ther.)

BOLOTOVA, N.P.; VINOKUR, Ya.Ye.; GIRSHKAN, S.A.; KOKLYANOV, A.F.; KUNDZICH,
M.M.; NEFEDOV, V.D.; OFFENGENDEN, S.R.; PISHCHIKOV, R.S.;
POSLAVSKIY, V.V.; TOMILOV, V.S.; SHAROV, N.A.; SETAREV, Ya.K.;
SHUBLADZE, K.K.

Ways of improving technical aspects and lowering the cost of
constructing irrigation, drainage and water supply systems.
Gidr. i mel. 10 no.4:17-39 Ap '58. (MIRA 11:5)
(Irrigation) (Drainage) (Water supply, Rural)

SHEVCHENKO, V.; ANDREYEVA, Ye.; POSLAVSKIY, Yu.

International symposium. Zashch. rast. ot vred. i bol. 10
no.8:57-58 '65. (MIRA 18:11)

POSLAVSKIY, Yu.M.; GOLUBEVA, Z.Z.; GAR, K.A.

Application of DDT dust combined with chlorinated terpenes
against cotton bollworms. [Trudy] NIUIF no.171:81-83 '61.
(MIRA 15:7)
(Bollworm) (DDT (Insecticide)) (Chlorine organic compounds)

SHOGAM, S.M.; FEN'KOVA, Ye.I.; GAR, K.A.; POSLAVSKIY, Yu.M.; GOLUBEVA, Z.Z.

Investigation of fillers and selection of appropriate machinery
for the production of new organic powder insecticides. [Trudy]
NIUIF no.164:3-5 '59. (MIRA 15:5)

(Insecticides)

POSLEDNICHENKO, Yu.G., inzh.

Slag crusher with a hydraulic drive. Teploenergetika 8 no.5:57-
59 My '61. (MIRA 14:8)

1. Yuzhnoy otdeleniye Gosudarstvennogo tresta po organizatsii i
ratsionalizatsii elektrostantsiy.
(Furnaces) (Slag) (Crushing machinery)

POSLEDNICHENKO, Yu.G., inzh.; KZOIKOV, I.N., starshiy master

Tests and experience in operating hydraulic ash removal
systems in block boilers. Energetik 13 no.11:15-17 N '65.
(MIRA 18:11)

PODLEVSKIY, A.V.; KOGAN, V.Ya.; GORCHAKOVA, Yu.P.; YELIZAROVSKIY, G.I.;
 RYABOSHAPKA, A.P.; REZNIK, S.R.; GOLUBEV, T.I.; GINTSE, L.A.;
 RASKIN, M.M.; ZUYENKO, P.G.; KHOMIK, S.R.; KATSNEL'SON, I.A.;
 ZHILIN, S.I.; LYSENKOV, M.N.; ROMANOV, B.G.; SAVENKOV, D.A.;
 GIL', L.T.; LEVINA, Ye.S.; VOVKI, A.S.; POSLEDOV, F.F.

Annotations. Zhur.mikrobiol., epid.i immun. 32 no.12:120-125 D '61.
 (MIRA 15:11)

1. Iz Leningradskogo instituta usovershenstvovaniya vrachey imeni Kirova (for Podlevskiy).
2. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (for Kogan).
3. Iz Voronezhskogo meditsinskogo instituta (for Gorchakova).
4. Iz Arkhangel'skogo meditsinskogo instituta (for Yelizarovskiy).
5. Iz Kiyevskogo instituta epidemiologii i mikrobiologii (for Ryaboshapka, Reznik).
6. Iz zavoda meditsinskikh preparatov Leningradskogo myasokombinata imeni S.M.Kirova (for Golubev).
7. Iz Gosudarstvennogo kontrol'nogo instituta meditsinskikh biologicheskikh preparatov imeni Taraseviche (for Gintse).
8. Iz Chitinskogo instituta epidemiologii, mikrobiologii i gigiyeny (for Raskin).
9. Iz Ternopol'skogo meditsinskogo instituta (for Zuyenko).
10. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gigiyeny (for Khomik).
11. Iz Chelyabinskogo meditsinskogo instituta (for Gil', Levina, Vovki, Posledov).

(IMMUNOLOGY—ABSTRACTS)

(EPIDEMIOLOGY—ABSTRACTS)

MAKAREVICH, V.M.; GAR, K.A.; POSLAVSKIY, Yu.M.; KALUZHINA, T.N.

Effect of chloroorganic insecticides on the processes of
tissue respiration in the imagoes and larvae of houseflies and
in the caterpillars of the lackey moth. Dokl. AN SSSR 152
no.2:475-477 S '63. (MIRA 16:11)

1. Nauchnyy institut po udobreniyam i insektofungisidam im.
Ya. V. Samoylova. Predstavleno akademikom A.I. Oparinym.

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~~POSLEDOV, M.A.~~

POSLEDOV, M.A.

DZHUDEVSKIY, N.N., professor, doktor tekhnicheskikh nauk; BLIZNYAK, Ye.V., professor; GUBIN, F.F., professor; ABRAMOV, N.N., professor ROZANOV, N.P., VORONOV, P.A., BORODIN, P.V., POSLEDOV, M.A. YUREVICH, D.P., PERSON, N.N., tekhnicheskiiy redaktor.

[Introduction to hydraulic engineering] Vvedenie v gidrotekhniku.
Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekt. 1955. 301 p.
(Hydraulic engineering) (MLRA 8:8)

POLEDNICHENKO, Ya.G., inzh.

Adjustment of the operation of hydraulic ash removal systems.
Energetik 12 no.123 5-8 D '64 (MIRA 18:2)

POSLEDOVICH, M., KVARTSEV, M.

Collective Farms

Blossoming land. Mol. kolkh. no. 2, 1952.

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

S. B.
sect. 13

Transmission

621.315.09

3127. Limiting compensation of the parameters in power transmission. G. E. PUNAROV. *Elektrichestvo*, No. 2, 12-16 (1952) in Russian.

The characteristics of power transmission with fully compensated inductance and capacitance are considered. The investigation shows that these characteristics are unfavourable, because the transmitted power has a maximum at a value of the compensation defined by the relation

$$k_{\text{lim}} = x_L/x_T - r/x_T(3 + 4m)/(1 + 4m)$$

where x_T and r are the total reactance and resistance of the transmission system, x_L reactance of the line, m voltage drop in the transmission system as a percentage of the sending-end voltage U . Compensation beyond this limiting value is therefore unfavourable. The above applies to series compensation and is a factor > 1 . It is, furthermore, more than is required for long lines transmitting high power. B. P. KRAUS

BANDURA, Z.I.; VORONTINA, Ye.N.; POSLOVINA, A.S.; GORYUKHOVA, N.M.; SALGANIK, R.I.

Study of combined action of chemical mutagens and ultraviolet rays on the appearance of inverse mutations in *Escherichia coli* 113-3. *Radio-biologia* 4 no.6:865-869 '64. (MIRA 18:7)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

L 27842-65 ENT(m)/EWA(b) RM

ACCESSION NR: AP5000094

S/0205/64/004/006/0865/0869 24

AUTHOR: Bandura, Z. I.; Voronina, Ye. N.; Poslovina, A. S.;
Goryukhova, N. M.; Salganik, R. I. 23
B

TITLE: Investigation of the combined action of chemical mutagens and ultraviolet rays on formation of reversible mutations in E. coli 113-3

SOURCE: Radiobiologiya, v. 4, no. 6, 1964, 865-869

TOPIC TAGS: E. coli 113-3 culture, ultraviolet irradiation, chemical mutagen, formaldehyde, hydroxylamine, desoxyribonucleic acid, nucleotide, mutation

ABSTRACT: Literature sources indicate that under the effect of ultraviolet irradiation certain chemical mutagens can change the mutability of the same DNA locus differently depending on its nucleotide composition. In the present study the combined mutagenic effects of ultraviolet irradiation and the chemical mutagens, hydroxylamine and formaldehyde, were investigated in cultures of E. coli 113-3, an auxotrophic mutant deficient in B₁₂. The E. coli 113-3 cultures with the addition of Formaldehyde ($3 \cdot 10^{-2}$ M

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L 2784-65

ACCESSION NR: AP5000094

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concentration) or hydroxylamine (10^{-2} M concentration) were ultraviolet irradiated (BUV-15 bactericidal lamp, 30 cm focal length) with single doses of 80, 160, 315, and 630 ergs/mm². The cultures were protected against photoreactivity during irradiation and after. The number of mutations induced by ultraviolet irradiation and the chemical mutagens were first determined for each factor separately and then for combined action. Findings show that ultraviolet irradiation combined with formaldehyde action sharply increases the number of reversible mutations in E. coli 113-3 auxotrophs, exceeding the separate mutation effect of each factor by 2-5 times. Under similar conditions hydroxylamine reduces the mutagenic effect of ultraviolet irradiation, although hydroxylamine by itself clearly displays mutagenic properties. The explanation offered for the combined action mechanism of chemical mutagens and ultraviolet irradiation is that DNA denaturation under the effect of ultraviolet irradiation increases the reactivity of the nitrogenous bases in the DNA molecules. Orig. art. has: 2 tables and 1 figure.

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L 27842-65

ACCESSION NR: AP5000094

ASSOCIATION: Institut tsitologii i genetiki SO AN SSSR, Novosibirsk
(Institute of Cytology and Genetics SO AN SSSR)

SUBMITTED: 07Sep63

ENCL: 00

SUB CODE: LS

NR REF SOV: 010

OTHER: 008

Card 3/3

Poslovskaya, A. F.

4080. Kinetics of oxidation of synthetic rubbers under influence of light. A. F. POSLOVSKAYA and A. S. KUZ'NITSKIY, *Doklady Akad. Nauk, S.S.S.R.*, 1953, 80, 200-12; *J. appl. Chem., Abs.*, 1954, 765. Oxidation of thin films of rubber (60, 100, and 200 μ thick) illuminated by light of wavelength shorter than 2800 $\text{\AA}$, and in darkness has been studied at 40°, 60°, and 70° C. Photo-oxidation is complete after 12 to 14 hr. and the reaction appears to be of zero order as its rate is independent of oxygen concentration. Photo- and thermal-oxidation are different, as shown by their initiation rates. 35293

62
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POST, Z.

What are thermistors? p. 67, SDELOVACI TECHNIKA (Ministerstvo
strojirenstvi) Praha, Vol. 2, No. 3, Mar. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1956

POSlt, Z.

Poslt, Z. Use of thermistors in technical practice . P. 100

So: Monthly List of the East European Accession, (EEAL), LC. Vol.4,
no: 10, Oct. 1955

POSLT, 7.

Use of thermistors in technical practice. p. 100.
SDELOVACI TECHNIKA, Praha, Vol. 2, no. 4, Apr. 1954.

SO: Monthly List of East European Accessions, (ESAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

L 26338-65 EWT(1)/ENG(k)/EPR Pz-6/Ps-4 IJP(c) AT

ACCESSION NR: AP4042903

Z/0014/64/000/007/0248/0252

AUTHOR: Poslt, Zdenek

26
21
B

TITLE: Thermoelectric cooling 21

SOURCE: Sdelovaci technika, no. 7, 1964, 248-252

TOPIC TAGS: thermoelectric cooling, Peltier effect, semiconductor cooling element, internal resistance

ABSTRACT: The article reports on the development in 1963 at VIET A.S. Popova of three types of thermoelectric cooling elements. Samples were subsequently produced on a large scale from a test lot for further development studies. Lot production is being organized at ZPP, n.p., Sumperk, where the necessary preparatory studies were made during 1964. The cooling element consists of eight small cubes of p- and n-type semiconductors measuring 4 x 4 x 4 mm, joined together with copper plates to form a four-pole battery. The plates are polished and serve also as heat disposal conductors. The thermoelectric cooling elements can be mounted only in such a way that they are in contact with a surface covered by electrical insulation material which is a good heat conductor. The insulation layers must be as thin as possible and free of air bubbles. Investigations of various methods of

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ACCESSION NR: AP4042903

mounting the elements and cementing the contact surfaces are discussed in some detail. If good initial materials are used and the element is mounted properly and not damaged mechanically or by heat (the highest permissible temperature of hot transitions is 1000), the lifetime of the element should be long with no change in thermoelectric parameters. In the course of experiments lasting through 1000 hr of operation, the changes in maximum temperature difference and in internal resistance were investigated, and it was found that the thermoelectric parameters improved rather than deteriorated. The cooling element can be used for cooling various objects, for temperature control, and for acclimatization. In the case where greater cooling efficiency is required, several elements can be connected in parallel thermally or in series electrically. Orig. art. has: 21 figures and 35 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: TD, EM

NO REF SOV: 002

OTHER: 007

Card 2/2

POSLT, Bohuslav

"Foundations of industrial safety and fire protection technology"
by K.N.Archipov [Arkhipov, K.N.], N.V.Solovjev [Solovyev, N.V.].
Reviewed by Bohuslav Poslt. Stroj vyr 11 no.10:533 0 '63.

POSLT, Zdenek (Prague)

Thermistors and varistors. Tech praca 17 no.1:22-26 Ja '65.

S/263/62/000/005/004/010
1007/1207Author: Poslt, Zdeněk

Title: TEMPERATURE-SENSITIVE ELEMENT WITH LOW TIME-CONSTANT

Periodical: *Referativnyy zhurnal, Mashinostroyeniye*, no. 5, 1962, 47, abstract 32.5.247 P (Czech. patent class 42 i, 7/01. no. 94725, 15.04.60)

Text: A patent has been granted for a thermoelement in which the thermocouples, consisting of a semi-conducting bead or a small ball with an approximate diameter of 1 mm, and leads connected to the ball both mechanically and electrically, are designed for fast temperature measurements. However, when measuring surface temperatures the heat input to the thermocouple is low in intensity thus retarding the measuring operation. To overcome these deficiencies a new method of installation of the thermocouple has been suggested. The semiconducting ball is enclosed in a sleeve made of a conducting metal. The sleeve bottom consists of a lamella made of the same metal, and having a diameter slightly greater than the sleeve diameter; this lamella is intended to ensure a good contact between the thermocouple and the measured object. The ball is soldered to the sleeve bottom by a proper soldering alloy, e.g. Sn-Pb, and is furthermore bonded by a plastic adhesive to which metallic powder has been added for better heat conduction. Whereas a conventional ball 0.5 mm in millimeter, has a time constant of about 4 sec, the ball with a diameter twice that of the conventional type, but mounted in the above sleeve, has a time constant of only 1.2 to 1.5 sec.

[Abstractor's note: Complete translation.]

Card 1/1

CZECHOSLOVAKIA/Electronics - Electrocells and Semiconductors
Device

H

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20785

Author : ~~Poslt, Zdenek~~

Inst : Vyzkumny ustag pro sdelovaci techniku A.S. Popova
podocka pro elektrotechn. fyziku, Prague

Title : Present Day Status and Prospects of Research in the
Development of Thermistors.

Orig Pub : Slaboproudy obzor, 1958, 19, No 12, 868

Abstract : Brief survey of the work done on the development and
experimental manufacture (in Czechoslovakia) of thermis-
tors and measuring instruments for thermistors, This is
the contents of a paper delivered by the author at the
Scientific-Technical Conference on Semiconductors in
March 1958. Problems of farther research and development

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- 82 -

POLACEK, Emil; HANAK, Jiri; za technicke spoluprace KRISTANA, M. a
POSLETA, Z.

A contribution to the measurement of urinary concentration in
infants. Cesk.pediat.16 no.1:7-10 Ja '61.

1. I. detska klinika v Praze, prednosta prof. dr. J. Svejcar
Ustav vyskumu vyvoje ditete, reditel prof. dr. J.Houstek
Vyzkumny ustav sdlovaci techniky A.S. Popova.
(URINE chemistry)

MAJSKY, A.; HERZOG, P.; Technická spolupráce: POSLUSNA, M.; BOHATOVA, J.

Use of ficin and bromelin for detection of erythrocyte antibodies.
Bratisl. lek. listy 44 no.6:369-378 30 S '64.

1. Ústav hematologie a krevní transfuze v Praze, (ředitel prof.
MUDr. J. Horejší, Dr. Sc.).

MAJSKY, A.; HRABA, T.; BARTOVA, Adela; CHUDOMEL, V.; POSLUSNA, Milena

Serological characteristics of non-agglutinated erythrocytes
in patients with blood diseases. Folia biol. (Praha) 9 no.5:
364-374 '63.

1. Institute of Haematology and Blood Transfusion, Prague;
Institute of Experimental Biology and Genetics, Czechoslovak
Academy of Sciences, Prague; First Medical Clinic, University
Hospital, Olomouc.

(LEUKEMIA) (ERYTHROCYTES) (BLOOD GROUPS)
(HEMAGGLUTINATION) (BONE MARROW DISEASES)
(SERODIAGNOSIS)

MAJSKY, A.; FIALA, J. Technicka spoluprace: POSLUSNA, M.

Effect of heteroplasma on the level of some blood properties.

I. Effect on the outcome of pretransfusion examinations. Bratisl.
lek. listy 44 no.9:532-539 '64

1. "stav hematologie a krevni transfuze v Praze; reditel:prof.
MUDr. J. Horejsi, Dr.Sc.

Poslusny, Karel

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Sources: Prague, Vestník Ústředního Ústavu Geologického, Vol XXXVI,
No 2, 1961, pp 315.

Data: "Commemoration of Karel Potuznik."

POSMITNYY, M. A.

3509. POSMITNYY, M. A. Kolkhoz imeni Budennogo. (Berezovskiy Rayon Odes. Obl.) m., Sel'Khozgiz, 1954. 78s. s ill. 20sm (Kolkhozy Nasheye Strany). 15,000ekz ir.--(54-57373) P. 338. ik (47.723)

SO: Knizhnaya Letopis', Vol. 3, 1955

POSMITNY, MAKAR

544N/5
722.101
.P8

The Black Sea steppe. Moscow, Foreign Languages Publishing House (1954?)
109 p. illus., port. (Sketches of Soviet Life)
Translated from the Russian.

POSMITNYY, M.A.

[House of farm crops] Dom sel'skokhoziaistvennoi kul'tury. [Moskva,
Ministerstvo sel'skogo khoziaistva SSSR, 1956] (MLRA 10:9)
(Agriculture--Experimentation)

POSMITNYI, M.A.

SPIVAK, M.S., glavnyy redaktor; BELOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', A.G., redaktor; KRYLOV, A.F., redaktor; PUKHAL'SKIY, A.V., redaktor; SIDORENKO, A.P., redaktor; FADCHENKO, A.N., redaktor; ANGELINA, P.N., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKATSKAYA, G.Ye., redaktor; VASILENKO, A.A., redaktor; VLASYUK, P.A., redaktor; GORODNIY, N.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETSKIY, P.I., redaktor; KIRICHENKO, P.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNYY, M.Ye., redaktor; PERSHIN, P.N., redaktor; POPOV, F.A., redaktor; ~~POSMITNYI, M.A.~~, redaktor; PSHENICHNIY, P.D., redaktor; RADCHENKO, B.P., redaktor; ROMANENKO, I.N., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVSKIY, A.N., redaktor; TSYBENKO, K.Ye., redaktor; KOVAL'SKIY, V.F., tekhnicheskii redaktor

[Practical collective farm encyclopedia] Kol'khoznaia proizvodstvennaia entsiklopediia. Izd. 2-oe, ispr. i dop. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR. Vol. 1. Abrikos - liutserna. 1956. 688 p. (MLRA 10:9)
(Agriculture--Dictionaries)

SPIVAK, M.S., glavnyy redaktor; BILOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', O.G., redaktor; KRILOV, O.F., redaktor; PUKHAL'S'KIY, A.V., redaktor; SIDORENKO, O.P., redaktor; FEDCHENKO, O.N., redaktor; ANGELINA, P.M., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKAT'S'KA, G.E., redaktor; VASILENKO, A.O., redaktor; VIASYUK, P.A., redaktor; GORODNIY, M.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETS'KIY, F.I., redaktor; KIRICHENKO, F.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNIY, M.O., redaktor; PERSHIN, P.M., redaktor; POPOV, F.A., redaktor; POSMITNIY, M.O., redaktor; PSHEVICHNIY, P.D., redaktor; RADCHENKO, B.P., redaktor; POMANENKO, S.S., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVS'KIY, O.N., redaktor; TSIBENKO, K.O., redaktor; SHCHERBINA, O.P., redaktor; KRAVCHENKO, M.F., tekhnichnyy redaktor

[Collective farm encyclopedia] Kolhospna vyrobnycha ensyklopediia. Vyd. 2-e, perer. i dop. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR. Vol.1. Abrykos - Liutserna. 1956. 756 p. (MIRA 9:9)
(Agriculture--Encyclopedias and dictionaries)

Posmitnyy, M.A.

SPIVAK, M.S., glavnyy red.; BELOZUB, V.G., red.; VASILENKO, P.M., red.;
 ZORIN, I.G., red.; IL'CHENKO, I.K., red.; KOVAL', A.G., red.;
 KRYLOV, A.F., red.; PUKHAL'SKIY, A.V., red.; SIDORENKO, A.P.,
 red.; FIEDCHENKO, A.N., red.; ANGELINA, P.N., red.; BUZANOV, I.P.,
 red.; BOYKO, D.V., red.; BURKATSKAYA, G.Ye., red.; VASILENKO, A.A.,
 red.; VLASYUK, P.A., red.; GORODNIY, N.G., red.; DEMIDENKO, T.T.,
 red.; DUBKOVETSKIY, F.I., red.; KIRICHENKO, F.G., red.; LITOVCHENKO,
 G.P., red.; OZERNYY, M.Ye., red.; PERSHIN, P.N., red.; POPOV, F.A.,
 red.; POSMITNYY, M.A., red.; PSHENICHNYY, P.D., red.; RADCHENKO,
 B.P., red.; ROMANENKO, I.N., red.; RUBIN, S.S., red.; SAVCHENKO,
 M.Kh., red.; SOKOLOVSKIY, A.N., red.; TSYBENKO, K.Ye., red.;
 KOVAL'SKIY, V.F., tekhn.red.

[Practical collective farm encyclopedia] Kol'khoznaia proizvodstven-
 naia entsiklopediia. Izd. 2-oe, perer. i dop. Kiev, Gos. izd-vo
 sel'khoz. lit-ry USSR. Vol.2. Malina-Iashchur. 1957. 923 p.
 (Agriculture--Dictionaries) (MIRA 11:4)

POSMITNYY, M.A., dvazhdy Geroy Sotsialisticheskogo Truda, deputat
Verkhovnogo Soveta SSSR

Love the land! IUn. nat. no.9:7 S '62.

(MIRA 16:5)

1. Predsedatel' kolkhoza imeni XXI s"yezda Kommunisticheskoy
partii Sovetskogo Soyuz.

(Agriculture as a profession)

27

B

Copper Carbonyl. (In Russian.) D. A. Posnekhov.
Journal of Applied Chemistry (U.S.S.R.), v. 19, no.
8, 1946, p. 848-849.

A critical discussion of the literature concerning
the formation of copper carbonyl during the pro-
duction of synthetic methanol from carbon mon-
oxide and hydrogen using copper compound cata-
lysts. Literature results are compared with the
author's data. 18 ref.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

RESEARCH CENTER

RESEARCH GROUP

POSMITNYY, Makar Anisimovich, dvazhdy Geroy Sotsialisticheskogo Truda;
POSMITNYY, Viktor Makarovich; KOMAROVA, T.F., red.; SAVCHENKO,
Ye.V., tekhn.red.

[How we manage our economy; from the work practice of the "21st Congress of the CPSU" Collective Farm, Berezovka District, Odessa Province] Kak my vedem khoziaistvo; iz opyta raboty kolkhoza imeni XXI s"yezda KPSS Berezovskogo raiona Odesskoi oblasti. Moskva, Izd-vo "Znanie," 1960. 23 p. (MIRA 13:8)

1. Predsedatel' kolkhoza imeni XXI s"yezda KPSS (for M.A. Posmitnyy).

(Collective farms)

RUSAKOV, G.K., kand. sel'khoz. nauk; MILYAVSKIY, I.O., kand. sel'khoz. nauk; SHILKO, V.P., kand. sel'khoz. nauk; MARTINENAS, A.N.; BELINSKIY, A.I., agr.-ekonom.; KARPUSHENKO, A.I., agr.-ekon. [deceased]; POSHITNY, V.M., ekonom.; PANCHENKO, Ya.I., agr.-ekonom.; KVACHEV, V.M., agr.-ekonom.; SOBOLENKO, V.S.; KRAVTSOV, D.S., agronom.; LYSOV, V.F., ekonom.; SHLYAKHTIN, V.I., kand. ekon. nauk; TSYBUL'KO, F.Ye.; ORIKHOVSKIY, I.G., agr.-ekonom.; TATUREVICH, N.M., agr.-ekonom.; GARMASH, I.I.; NOSACHENKO, V.F., inzh.-ekonom.; MUKHITSULLIN, Sh.M., agr.-ekonom.; ROZENTSVAYG, A.L., agr.-ekonom.; BERLIN, M.Z., dots.; IVANOV, K.I., agr.-ekonom.; SILIN, A.G., ekonom.; LIKHOT, I.K.; CHANOV, G.I., kand. ekon. nauk; MIKHAYLOV, M.V., kand. ekon. nauk; GORELIK, L.Ya., red.

[Planning and economical operation on collective farms]
Planirovanie i rezhim ekonomii v kolkhozakh. Moskva,
Ekonomika, 1965. 258 p. (MIRA 18:5)

1. Zaveduyushchiy otделom ekonomiki i organizatsii kol-
khozного производства Nauchno-issledovatel'skogo insti-
tuta ekonomiki sel'skogo khozyaystva Litovskoy SSR (for
Martinenas). 2. Zaveduyushchiy otделom Stavropol'skogo
krayevogo komiteta KPSS (for Likhот).

POS'MITYUKHIN, I.

Achievements of livestock fattening farms. Mias.ind.SSSR 27 no.2:
42-43 '56. (MLBA 9:8)

1. Penzenskiy trest otkormochnykh sovkhovov.
(Penza Province--Cattle--Feeding and feeding stuffs)

POSMOURNY, K.

"Geology of mineral deposits" by B.Stoces and E.Kocarek. Reviewed
by K.Posmourny. Rudy 10 no.11:401 N '62.

POSMOURNY, M.

Influence lines of reactions of girders to the effects of rotating force. p. 153.

STROJNICKY SBORNIK, Prague, No. 8, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

POSMYK, Z.

For a proper work estimate of building-repairing brigades on the state farms.

P. 16 (BUDOWNICTWO WIEJSKIE) Poland, Vol. 8, No. 6, June 1956

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

EXCERPTA MEDICA Sec 2 Vol 12/1 Physiology Jan 59

124. EFFECT OF BIOTIN DEFICIENCY ON INDUCED RISE OF ACTIVITY OF THE TRYPTOPHAN PEROXIDASE SYSTEM IN RAT LIVER (Russian text) - Posnanskaya A. A., Lab. of Metab. of Nitrogenous Substances, Inst. of Biol. and Med. Chem., Acad. of Med. Scis of the USSR, Moscow - BIO-KHIMIYA 1958, 23/2 (230-233) Tables 2

Whereas in biotin avitaminosis the synthesis of amylase in pancreas slices and of albumin in chick liver slices is discontinued, the increase in activity of the tryptophan peroxidase system (TPS) in rat liver, as induced by tryptophan is not disturbed in vivo and only slightly disturbed in surviving liver slices by biotin deficiency. The evidence thus obtained suggests that the adaptive increase in TPS in the liver of mammals is not associated with a de novo synthesis of the protein.

POSNEKHOV, D. A.

"Review of the Article on 'Methyl Alcohol' in the
Technical Encyclopedia, 12, 841-854, M. 1941 as
Compared with that in the Technical Encyclopedia,
12, 939-950, M. 1930," Zhur. Prik. Khim., 22, No. 2,
1949.

III AND THE SURFACE		PROPERTIES AND PROPERTIES INDEX		2	
CA New technique for the determination of dynamic surface tension. A. M. Pomeroy and A. H. Alexander. <i>Trans. Faraday Soc.</i> 48:661-667 (1952). The method utilizes the changes in contact potential to det. the dynamic surface tension and the amt. of adsorption. The adsorption of solute on a freshly formed surface in 3 types of app.: a simple trough suitable for systems in which adsorption equil. requires a time greater than a few min.; a Ferguson channel suitable for times between about 0.01 and 1 sec.; and a jet suitable for times between about 0.001 and 0.01 sec. The hydrodynamics of the jet and channel are outlined to show how the age of the surface can be related from various known parameters. The surface tension and free potentials are converted into surface tension and surface energy, utilizing data from equl. static systems. Typical results are given for aq. soln. of benzyl alc. and sec-octyl alc. Victor R. Delta					
ADD-51A METALLURGICAL LITERATURE CLASSIFICATION					
FROM DIVISION					
SECTION NO. ONLY ONE					
SECTION NO. ONLY ONE					

POSNER, E.

"Calculation de la concentration d'une solution saturée de deux sels peu solubles, qui possèdent un ion commun". Posner, E. (p. 1101)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 8

1ST AND 2ND QUART		PROCESSING AND PROPERTIES INDEX		3RD AND 4TH QUART	
BC				A-1	
Documentation of hydrogen cyanide, methanol, and hydrogen cyanide vapors in air. E. Hansen and R. A. Marmura (7. April Chem. Abstr. 1980, 2: 988-977).—Hydrogen cyanide is absorbed in sodium hydroxide solution; hydrogen cyanide vapors (other than methanol, which is destroyed by combustion) are absorbed on activated charcoal. Chemical Abstracts.					
ADD-SEA METALLURGICAL LITERATURE CLASSIFICATION					
1ST QUART		2ND QUART		3RD QUART	
1ST QUART		2ND QUART		3RD QUART	

POSNIK-LAMBERT, Maria; DORFNER, Bogdan

Experimental colony for the rehabilitation of children with structural and postural defects. *Pediat. polska* 34 no.7:993-998 July 59.

1. Z. Przychodni Miedzyszkolnej w Szczecinie Kierownik Przychodni:
lek. M. Posnik-Lambert.
(REHABILITATION)

17

100 AND 11TH CITIES

1ST AND 2ND CITIES

PROCESSES AND PROPERTIES INDEX

The compressed casting of molds for rubber shoes,
shoes and rubbers. N. I. Ponomov and G. V. Pavlov.
Gumshoe and Rubber (U. S. S. R.) 1938, No. 6, 45-9.
A detailed description of the casting of molds from Al
alloys. A. Pestoff

100 AND 11TH CITIES

1ST AND 2ND CITIES

PROCESSES AND PROPERTIES INDEX

The compressed casting of molds for rubber shoes,
shoes and rubbers. N. I. Ponomov and G. V. Pavlov.
Gumshoe and Rubber (U. S. S. R.) 1938, No. 6, 45-9.
A detailed description of the casting of molds from Al
alloys. A. Pestoff

CPA

Autoclave for vulcanizing rubber goods. N. I. Ponomov. Russ. 20,801, Dec. 22,
1931. Construction details

ASME, ISA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDER																										3RD AND 4TH ORDER																									
PROCESSES AND PROPERTIES INDEX																																																			
EC a-1 Structure of anisotropic liquids. R. D. NOLYAS-SOMOKINA and M. V. POZNOVA (Physikal. Z. Sovietunion, 1935, 6, 316-325). The dielectric const. of p-anisoyaniline is unaffected by electrical fields of frequencies 10^4-35 Mc/sec. The conductivity-temp. curve is inflected at 116° and 130° corresponding with the change from the supercooled state and the change anisotropic-isotropic state, respectively. R. S.																																																			
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Structure of anisotropic liquids. R. D. Shul'yan, S. B. King and M. V. Pashova. *Physik. Z. Sowjetunion* 8, 3119 (1936). The dielectric const. (ϵ) of p -anisoylbenz. (P) in several phases was studied by the capacity method as a function of frequency in the range 35-1000 Hz. While the capacity of the condenser plus liquid falls off with decreasing frequency, the ϵ of (P) is independent of frequency and losses are absent. For the isotropic liquid at 130°, the ϵ is 5.3; for the anisotropic liquid at 120°, 5.4; for the same phase under cooled to 115-105° the ϵ is of the same order; for the solid at 20°, 3.24. The sp. resistance of the liquid is shown as a function of temp. in the range 140-100°. C. D. West

1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
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4816. Structure of Anisotropic Liquids. R. D. Schultze-Schokke and M. W. Peckers. <i>Phys. Zeits. d. Sowjetunion</i>, 8, 3, pp. 319-325, 1965. In German.—Experimental details (see also Abstract 1879 (1965)) and data are given of a method for finding the dependence of the dielectric constant of <i>p</i>-azoxyanisole upon low frequencies (200-300 ~), and therefrom to deduce whether the latter can be related to the structure of this anisotropic substance. It is found that the electrical properties of the liquid remain unchanged at low frequencies, so that the mechanical oscillations found by Zelina (see Abstract 4836 (1963)) to be characteristic of the structure of <i>p</i>-azoxyanisole are independent of the electrical properties. H. H. Ho.																									
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION													E-27-11-11-11												
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180000 1111111111													180000 1111111111												
180000 1111111111													180000 1111111111												

POSMITNYY, M., dvazhdy geroy Sotsialisticheskogo Truda

The growth of collective farm funds. Vop.ekon. no.6:56-59
Je '60. (MIRA 13:6)

1. Predsedatel' kolkhoza imeni XXI s"ezda Kommunisticheskoy
partii Sovetskogo Soyusa, Odesskoy oblasti.
(Collective farms--Finance)

POSMITNYY, Makar Anisimovich, dvazhdy Geroy Sotsialisticheskogo Truda;
POSMITNYY, Viktor Makarovich; KOMAROVA, T.F., red.; SAVCHENKO,
Ye.V., tekhn.red.

[How we manage our economy; from the work practice of the "21st
Congress of the CPSU" Collective Farm, Berezovka District,
Odessa Province] Kak my vedem khoziaistvo; iz opyta raboty
kolkhoza imeni XXI s"yezda KPSS Berezovskogo raiona Odesskoï
oblasti. Moskva, Izd-vo "Znanie," 1960. 23 p. (MIRA 13:8)

1. Predsedatel' kolkhoza imeni XXI s"yezda KPSS (for M.A.
Posmitnyy).

(Collective farms)

POSTMOURN, K.

13. "Contribution to the Topographic Hierarchy of the Area Around Kuzma River, Part I," Uchenye Zapiski of the Chair of Petrography (Leningrad Petrograph), Chelms University, Prague, pp 194-201.
14. "Geological Aspects of Dniep River in the Bend of the Canal," Uchenye Zapiski of the Chair of Petrography, Chelms University, Prague, pp 204-209.
15. "Hydrogeological Characteristics of Water in the Cereval Young Volcanic District," pp 204-209.
16. "Notes on General Geology: On Kuzma River," Pravoslavnyi, pp 204-209.
17. "Earth Processes in Petrography," Pravoslavnyi, pp 214-215.
18. "Rock Carving, Near Kuzma and Horny River in Ukraine," Pravoslavnyi, Prague, pp 216-217.
19. "Plant of Petrography," Pravoslavnyi, pp 216-217.
20. "Plant of Petrography," Pravoslavnyi, pp 216-217.
21. "Plant of Petrography," Pravoslavnyi, pp 216-217.
22. "Plant of Petrography," Pravoslavnyi, pp 216-217.
23. "Plant of Petrography," Pravoslavnyi, pp 216-217.
24. "Plant of Petrography," Pravoslavnyi, pp 216-217.

BLANDEJS, Josef; DOMAGURNY, Karel

Trials of coal mining in the K-ony area. Gdol pruzkem
6 no. 73222 JI '64.

POSMYKIEWICZ, Slawomir; KRASZEWSKI, Jozef

Considerations on the surgical technic in a case of complete congenital median fistula of the neck. Czas. stomat. 18 no.11: 1305-1308 N ' 65.

1. Z Oddzialu Laryngologicznego Szpitala Wojkowego w Szczecinie (Ordynator: dr. S. Posmykiewicz).

BALAN, M.; POSNIKOVA, N.

Three skeletons of the late Roman time found in the Pleven region. Izv Inst morf BAN no.6:89-101 '62.

POSNOV, N.N.

The most favorable base for number systems with an excess digit representation. Izv.vys.ucheb.zav.;prib. 7 no.5:87-89 '64.

(MIRA 17:12)

1. Institut matematiki i vychislitel'noy tekhniki AN Belorusskoy SSR.
Rekomendovano kafedroy vychislitel'noy matematiki Belorusskogo gosudarstvennogo universiteta.

L 42457-65

ACCESSION NR: AP5006640

S/0146/65/008/001/0089/0095

AUTHOR: Posnov, N. N.

TITLE: Decimal accumulator without carry propagation

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 1, 1965, 89-95

TOPIC TAGS: accumulator, decimal accumulator

ABSTRACT: A. Avizienis' signed-digit number representation system (IRE Trans., 1961, v. EC-10, no. 3, 389-400) which permits algebraic addition without carry propagation is briefly described. Three binary places with weights 4, 2, 1 and one (0, -1) digit for indicating the algebraic sign are used. An accumulator based on the above system and using conventional AND, OR, NOT logical circuits, suitable for both decimal and binary systems, is presented as a block diagram, and its operation is briefly explained. Orig. art. has: 2 figures and 5 formulas.

Card 1/2

L 42457-65

ACCESSION NR: AP5006640

ASSOCIATION: Belorusskiy gosudarstvennyy universitet (Belorussian State University)

SUBMITTED: 06Apr64

ENCL: 00

SUB CODE: DP

NO REF SOV: 002

OTHER: 001

Card 2/2 CC

POSNOV, N.N.

Method of decimal multiplication with consecutive storing of
multiples of the multiplicand. Vesti AN BSSR. Ser. fiz.-tekh.
nav. no.2:12-15 '64. (MIRA 18:1)

POSOKHOV, G.Ye.

Result of observations on the displacement of the wall rock
preceding the shield face. Izv.FPI 93:142-147 '58.

(MIRA 13:5)

(Subsidence (Earth movements))

PETROV, Yu.P.; POSNOV, N.N.

Table calculating machine equipped with electromagnetic elements.
Priborostroenie no.3:8-10 Mr '61. (MIRA 14:3)
(Electronic digital computers)

POSHOV, N.N., kand.fiz.-mat.nauk; PETROV, Yu.P., inzhener; CHUGUYEV, G.P.,
inzhener.

Operating a relay with a diode pulsator. Izv.vys.ucheb.zav.;
prib. 2 no.5:13-19 '59. (MIRA 13:5)

1. Leningradskiy vychislitel'nyy tsentr. Rekomendovana kafedroy
teoreticheskoy radiotekhniki Leningradskogo elektrotekhnicheskogo
instituta svyazi imeni M.A.Bonch-Bruyevicha.
(Electric relays)

9(8)

SOV/146-2-5-2/19

AUTHORS: Posnov, N.N., Candidate of Physical and Mathematical Sciences, Petrov, Yu.P., Engineer, Chuguyev, G.P., Engineer

TITLE: The Operation of Relays Actuated by a Diode Pulser

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Priborostroyeniye, 1959, Nr 5, pp 13-19 (USSR)

ABSTRACT: The authors investigated two-coil "RMU" relays (relay adjustment sheet RS4.523.360, nominal voltage 27 volts, coil resistance 220 and 280 ohms), receiving pulses from an alternating current grid through a circuit forming a series of semi-sinusoidal pulses called diode pulses (Figure 2). The results obtained are also valid for other fast operating relays. Blocking by separate windings, as well as blocking by one winding (Figure 7) are discussed, and the respective oscillograms of the current and voltage are illustrated (Figures 5,6). One disadvantage of the diode pulser is that only pulses

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SOV/146-2-5-2/19

The Operation of Relays Actuated by a Diode Pulser

of a fixed duration (10 milliseconds); can be generated; therefore, such circuits must have an additional pulse-multiplying circuit. The first ever method of multiplying cadence pulses was developed and applied at the Leningrad Electrical Engineering Communication Institute imeni Boch-Bruyevich, where the relay computer "Sintez" was built and is now used in accordance with this method. It is concluded that diode pulsers have great advantages over square-pulse pulsers because the overvoltages are many times lower and the operational conditions of the relays and diodes are improved. For full utilization of relays in complex circuits, the peculiarities of relays fed through a diode pulser must be duly considered. The a.c. voltage must be selected in accordance with the rules mentioned in the article. The voltage in blocking circuits of relays working with hot windings must be lower than in control circuits. For quick cut-out of blockings, the

Card 2/3

SOV/146-2-5-2/19

The Operation of Relays Actuated by a Diode Pulser

relay must be lifted by two contacts. The article was recommended by the Kafedra teoreticheskoy radiotekhniki Leningradskogo elektrotekhnicheskogo instituta svyazi imeni M.A. Bonch-Bruyevicha (Chair of Theoretical Radio Engineering of the Leningrad Electrical Engineering Communication Institute imeni M.A. Bonch-Bruyevich). There are 8 diagrams. 

ASSOCIATION: Leningradskiy vychislitel'nyy tsentr (Leningrad Computing Center)

SUBMITTED: January 4, 1959

Card 3/3

POSNKOY, G.A., starshiy prepodavatel'

Specialization according to the assortment of production in the
chemical machinery industry. Trudy LIMI no. 31:86-99 '60.

(MIRA 13:10)

(Chemical industries--Equipment and supplies)

POSNYAK, A. P.

"Intracranial Hemorrhage in Newborn," Fel'dsher i

Akusher., No. 5, 1949.

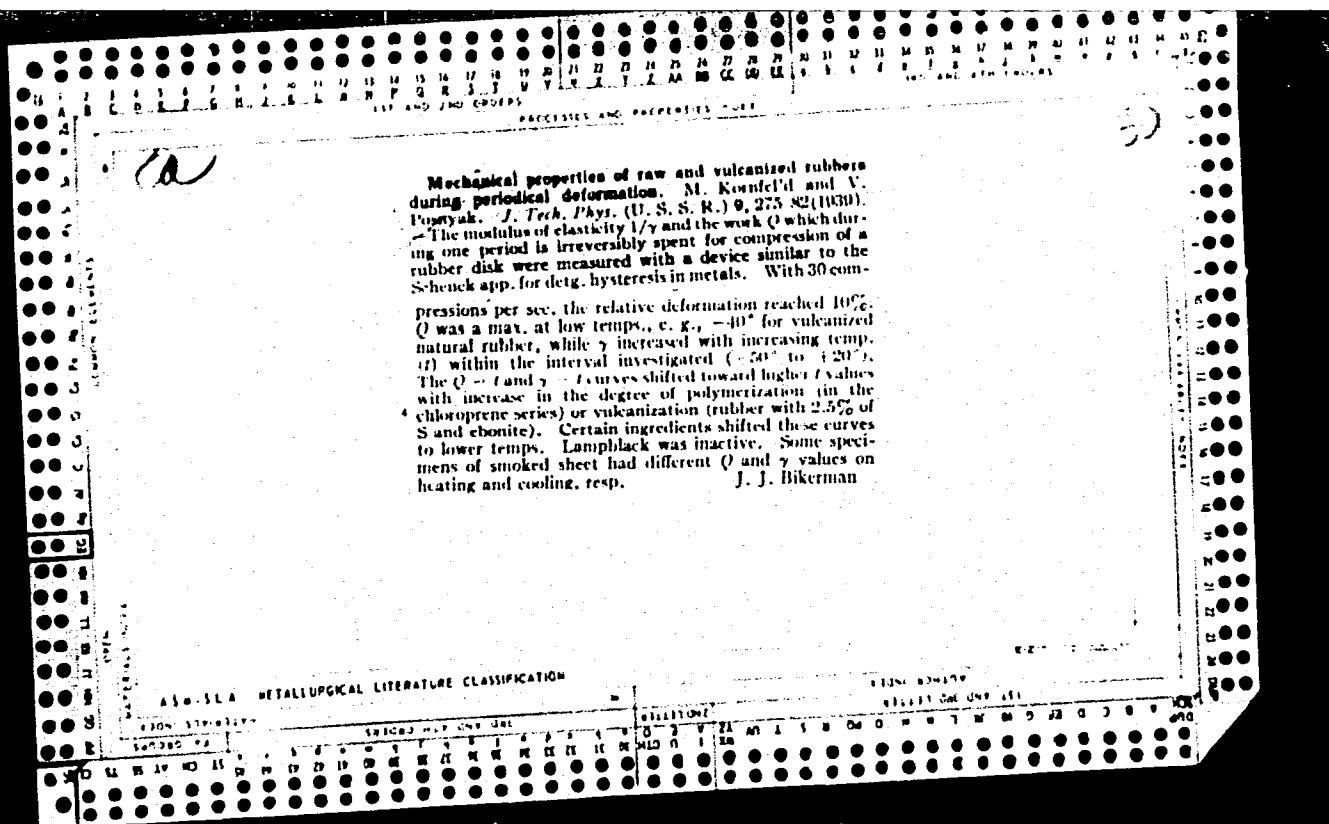
POSNYAK, I. S., Cand. Medic. Sci. (diss) "On the Pathogenesis of Anemia in Young Children," Moscow, 1961, 16 pp. (Acad. Med. Sci. USSR. Inst. of Pediatrics) 250 copies (KL Supp 12-61, 287).

POS NYAK, L.A.

MOVCHAN, B.A.; POS NYAK, L.A.

Investigating chemical heterogeneity of the fusion zone and
layer heterogeneity in welded joints. Avtom. svar.9 no.6:94-
96 N-D '56. (MLRA 10:3)

1. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.
Ye.O.Patona AN USSR.
(Electric welding) (Diffusion)



ALEKSANDROV, N.I.; GEFEN, N.Ye.; GAPOCHKO, K.G.; GARIN, N.S.;
KORIDZE, G.G.; MARKOZASHVILI, I.N.; OSIPOV, N.P.;
PISCHIK, M.P.; POSOBILLO, I.A.; SMIRNOV, M.S.; TUROV, V.P.

Aerosol immunization with dry pulverized anatoxins and
vaccines. Report No.8: Studies on a method of aerosol
immunization with pulverized antiplague vaccine of large
numbers of persons. Zhur. mikrobiol., epid. i immun. 33
no.7:46-50 J1 '62. (MIRA 17:1)

POSOBILLO, I.A.

3/016/62/000/007/001/002
DOJ/D113

AUTHORS: Aleksandrov, N.I., Gafen, N.Ye., Gapochko, K.G., Garin, N.S.,
Koridze, G.G., Markozashvili, I.N., Osipov, N.P., Plachik, M.P.,
Posobilo, I.A., Smirnov, M.S. and Turov, V.P.

TITLE: Aerosol immunization with dry dust vaccines and anatoxins.
A study of the method of aerosol immunization with dust plague
vaccines during mass immunization.

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 7,
1962, 46-50

TEXT: Tests were conducted to approve the practical use of mass aerosol
immunization with plague vaccine and to check and specify previously ob-
tained data which testified that this vaccination method was safe and had a
low reactivity. Dust plague vaccine was used in a dose of 150-200 million
living microbes of the vaccine EB strain. Four 15-min. seances took place
with up to 190 persons at a time in a 112 m³ room. On the days following
vaccination, 157 persons were subjected to X-ray and hematological tests. ✓

Card 1/2

5/016/62/000/007/001/002 -
Aerosol immunisation with dry dust vaccines...2037/2113

It was found that the reactivity of this method is much lower than that of the subcutaneous and cutaneous immunization methods. Conclusions: (1) Aerosol immunization with dust plague vaccine, using the above-mentioned dose, provoked no distinct reaction but caused characteristic changes in the peripheral blood. (2) This method, tested under practical conditions on 543 persons, is very simple and allows the population to be mass-immunized against plague within a short time. There is 1 table.

SUBMITTED: August 8, 1961

Card 2/2

Po 50 B.L., T.S.

RU(4) PART I BOOK REFLATION 507/271A

International Conference on the Peaceful Uses of Atomic Energy. 2nd, Geneva, 1958

belly accessible subjects; radiation sources 1, radioactive metals, Academy of Soviet Scientists; Radioactive Metals (Inside book); Moscow, Academy of Sciences, 1959. 670 p. (Series: Sci. Tech., vol. 3, 6,000 copies printed.

Ed. (title page): A.A. Bockvar, Academician, A.P. Vinogradov, Academician, V.A. Yemel'yanov, Corresponding Member, USSR Academy of Sciences, and A.P. Kefirov, Doctor of Technical Sciences; Ed. (Inside book): V.V. Pavlovskiy and O.M. Fokhtshteyn, Tech. Ed.: E.I. Masel'.

REMARKS: This volume is intended for scientists, engineers, physicians, and biologists working in the production and peaceful application of atomic energy; for teachers and students of higher technical schools and universities; and for people interested in atomic science and technology.

CONTENTS: This is volume 3 of a 6-volume set of reports on atomic energy presented by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy, held in Geneva from September 1 to 13, 1958. Volume 3 consists of two parts. The first part, edited by A.I. Zubov, is devoted to geology, prospecting, concentration and processing of nuclear source material. The second part, edited by G.L. Zverev, includes 27 reports on metallurgy, metallography, processing technology of nuclear fuels and nuclear metals, and neutron irradiation effects on metals. The titles of the individual papers in most cases correspond word for word with those in the subject index. See also the titles of the other volumes in the series.

See also: International Conference on the Peaceful Uses of Atomic Energy, 2nd, Geneva, 1958. Report No. 2071 (Report No. 2071)

Yakovlev, A.D., and V.A. Smolov. Melting and Casting of Beryllium (Report No. 2048) 356

Valutskiy, A.P., Yurkin, I.P., Zverev, G.L., Koltman, and V.A. Pechillo. Production of Chemically Pure Strontium, Barium, Magnesium, and Calcium (Report No. 2050) 342

Radetskiy, A.A., G.L. Zverev, A.A. Zhukovskiy, I.I. Kolobov, and G.L. Pechillo. Effect of Thermal Cycling and Cooling on the Dimensional and Structural Stability of Various Metals and Alloys (Report No. 2100) 354

Radetskiy, A.A., G.L. Zverev, V.A. Zverev, G.M. Levitskiy, and V.A. Pechillo. Influence of the Structure and Properties of Uranium on its Behavior Under Irradiation (Report No. 2191) 373

Card 9/11

[illegible]

43023

S/194/62/000/010/048/084
A061/A126

11150
AUTHORS: Manzhos, G.A., Posokhin, A.I.

TITLE: The use of ultrasound for cutting circular quartz resonators

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 19, abstract 10-5-38k (In collection: Prom. primeneniye ultrazvuka. Kuybyshevsk. aviats. in-t, Kuybyshev, 1961, 97 - 103)

TEXT: A 1.8-kw quartz-machining ultrasonic machine tool with a working frequency of 20 kc has been developed by the Kafedra tekhnologii metallov i el-radiomaterialov Ryazanskogo radiotekhnich. in-ta (Department of Metal and Radioelectric Material Technology at the Ryazan Radio Engineering Institute) in collaboration with other organizations. The tool is intended for cutting plates and circular resonators from quartz, but it can also be used for making grooves and complex openings, and for cutting other brittle materials of poor workability. An amplifier in the frequency range of 15 - 20 kc ensures a power output of 500 - 1,800 w; the master oscillator works on an RC circuit. The electroacoustic transducer consists of a magnetostriction oscillator and a concentrator with the

Card 1/2

The use of ultrasound for cutting circular

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respective tool. A four-hinge mechanism and motor are provided for imparting to the head an additional pendulum movement along the cutting line (when cutting in sections). The tool employed in this case is a blade, but a tubular tool is used for cutting circular resonators. A boron carbide suspension is fed to the cutting zone by a pump. The effect of the following factors on ultrasonic cutting is considered: 1) different abrasives; 2) grain size of the abrasive; 3) material used for the tool and its wear and tear rate; 4) tool thickness; and 5) change in cutting speed as a function of the penetration depth of the tool into the quartz. In the ultrasonic cutting of quartz resonators the labor input of current techniques is reduced to less than one-tenth.

K.S.

[Abstracter's note: Complete translation]

Card 2/2

POSOKHIN, M.V., arkhitektor; MNDOYANTS, A.A., arkhitektor.

Interior decoration. Gor.khoz.Mosk. 21 no.3:6-14 Mr '47. (MLRA 6:11)
(Moscow--House decoration) (House decoration--Moscow)

1. M. V. PCSOKHIN, Arch., A. A. MINOYANTS, Arch.
2. USSR (600)
4. Apartment Houses - Moscow
7. 16-story apartment house on the Ploshchad' Vosstaniya. Gor,khoz. Mosk. 23 no. 7. 1949.

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

POSOKHIN, M.V., laureat Stalinskoy premii, chlen-korrespondent.

~~Posokhin, M.V.~~
New stage in the architecture of housing and public buildings. Gor.khoz.
Mosk. 25 no.2:6-11 P '51. (MLRA 6:11)

✓ 1. Akademiya arkhitektury SSSR.

(Moscow--Architecture)

POLIKARPOV, V., kand.ekon.nauk; BOLDYREV, I., kand.ekon.nauk

Planning villages in Talovaya District. Sel'.stroi. 14 no.5:
4-6 My '59. (MIRA 12:8)

(Talovaya District--City planning)

ALEKSEYEV, V.N., arkh.; KONSTANTINOVA, M.A., arkh.; LOPOVOK, L.I.,
kand. arkh.; MAKOTINSKIY, M.P., kand. arkh.; Prinsipali
uchastiye: BOGUSLAVSKIY, A.I., inzh.; LIVSHITS, A.M., inzh.;
MASHINA, N.N., inzh.; ANDREYEV, V.S., retsenzent; BOTVINKIN,
O.K., doktor khim, nauk, prof., retsenzent; POSOKHIN, M.V.,
retsenzent

[Catalog of finishing materials and products] Katalog otdeloch-
nykh materialov i izdelii. Moskva, Gosstroizdat. Pt.3. 1961.
(MIRA 18:4)
60 p.

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut no-
vykh materialov. 2. Rukovoditel' Arkhitekturno-stroitel'nykh
sektorom Vsesoyuznogo nauchno-issledovatel'skogo instituta
novykh stroitel'nykh materialov, Moskva (for Makotinskiy).
3. Rukovoditel' Sektorom tekhniko-ekonomicheskikh issledovaniy
Vsesoyuznogo nauchno-issledovatel'skogo instituta novykh
stroitel'nykh materialov, Moskva (for Boguslavskiy). 4. Chlen-
korrespondent Akademii stroitel'stva i arkhitektury SSSR (for
Andreyev, Posokhin).

POSOKHIN, N.N.

Testing small parts in a microhardness testing device. Zav.lab.
22 no.6:733-734 '56. (MLRA 9:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mashdetal'.
(Metals--Testing)

POSOKHIN, N.N.

Hardness testing of small heat-treated parts. Zav.lab.22 no.4:505-507
'56. (MLRA 9:7)

1.TSentral'nyy nauchno-issledovatel'skiy institut Mashdetal'.
(Metals--Testing) (Rockwell test)

1ST AND 2ND COLUMNS																										3RD AND 4TH COLUMNS																									
PROCEDURES AND PROPERTIES INDEX																										5TH AND 6TH COLUMNS																									
Electropolishing of metallographic sections. N. N. Porokhin. <i>Zavodskaya Lab.</i> 10, 328-400(1041); <i>Chem. Zentr.</i> 1943, 1, 86. — The following methods of electrolytic polishing of metals were developed: For Cu: electrolyte of H_2PO_4 (d. 1.7), Cu cathodes about 1.5-2 cm. away from specimen, 1.7-1.9 v., 0 amp./sq. dm.; the time depends on the desired degree of brightness; 15 min. is usually sufficient. For brass with less than 38-40% Zn and for bronze, the same H_2PO_4 electrolyte is used, but 13-15 amp./sq. dm. for brass and 1-2 amp./sq. dm. for bronze. For Al and Al alloys (surface degreased and pickled in dil. soda soln. or in HF), an electrolyte of 220 cc. $HClO_4$ (d. 1.18), 780 cc. anhydrous acetic acid and 13.5 g. l. Al, 5-6 amp./sq. dm., 50-80 v., less than 15', about 15 min. For Fe and ordinary or alloy steel, use an electrolyte of 185 cc. or 325 cc. $HClO_4$ (d. 1.61), 765 or 1265 anhydrous acetic acid and 50 cc. water, 4-6 or 6-7 amp./sq. dm. Ni can be polished like steel but only at very high c. d.; then, however, best results of all are obtained, just as with rust-resistant steels. The reflectivity of electrolytically polished surfaces is 50% higher than with mech. polished, and such polished surfaces are free of strain and have a higher corrosion resistance. M. Hartenhein																																																			
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