

BABAYEV, M.N.; GUBSKIY, V.G.

Wire made of scrap metals. Mashinostroitel' no.6:19 Je '61.

(Scrap metals) (Wire drawing)

(MIRA 14:6)

GUBSKIY, V.I.

Effect of posterior pituitary hormones on the stimulated thyroid gland. Biul. eksp. biol. i med. 56 no.9:107-111 S '63.

(MIRA 17:10)

1. Iz kafedry gistologii (zav. - prof. B.V. Alashin) Khar'kovskogo meditsinskogo instituta. Predstavlena deystvitel'nyy chlenom AMN SSSR A.V. Lebedinskim.

GURSKY, V.I.

Effect of pituitrin and oxytocin on the respiration of an isolated thyroid gland. *Biul. eksp. biol. i med.* 57 no.4:54-57 Ap '64.

(MIRA 18:3)

1. Kafedra gistologii (zav. - prof. B.V. Aleshin) Khar'kovskogo meditsinskogo instituta. Submitted April 18, 1963.

AKSMAN, N.M.; VILENSKIY, L.I.; GORBUNOV, N.G.; GUBSKIY, V.M.; GURVICH, M.D.; LATYSHEV, Yu.M.; LEVONTIN, L.I.; LIVSHITS, T.G.; LOGINOVA, M.K.; LUR'YE, D.A.; LYANIRBS, G.D.; MIROSHNICHENKO, G.K.; MOGILEVSKIY, B.Ya.; NEMKOVSKIY, M.I.; ORLEANSKIY, Ya.P.; SAVITSKIY, A.B.; SIMMA, S.F.; SURKOV, G.Z.; SHMYGUL', B.P.; SHUBIN, V.P.; DONSKOY, Ye.Ye., red.isd-va; KAL'NITSKIY, R.Ya., red.isd-va; ZAMAKHOVSKIY, L.S., tekhn.red.

[Mechanization and automation in the machinery industry] Mekhanizatsiia i avtomatizatsiia v stankostroenii. Khar'kov, Khar'kovskoe obl.isd-vo, 1958. 119 p. (MIRA 13:2)

1. Kharkov. Institut "Giprostanok." 2. Direktor instituta "Giprostanok" (for Orleanskiy).
(Machinery industry--Technological innovations)
(Automation)

USSR/Zooparasitology - Helminths.

G.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67500
Author : Gubskiy, V.O.
Inst : Odessa University.
Title : Wild Ducks as Spreaders of Helminths.
Orig Pub : Nauchn. yezhegodnik. Odessk. un-t, 1956, Odessa, 1957,
249-250.
Abstract : On the lower Dnester in 1952-1956 138 ducks of 10 species
were opened. *Ligula colombi* was found in the grey heron,
grebe, and the grey-checked ducker; *Digrama interrupta* --
in the grey heron, the black-cropped loon, snew and the orn;
Posthodiplostomum -- in the grey heron and high heron;
Diplostomum spathaceum -- in the orn and the black kite.
The orn and snew serve as the basic spreaders of ligulae
among the fish of the lower Dnester; they are numerous and
severely infested.

Card 1/1

USSR/Zooparasitology - Helminths.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67510
Author : Gubskiy, V.O.
Inst : Odessa University.
Title : Follicollesis of the Lower Dnester Coof.
Orig Pub : Nauchn. yezhegodnik Odessk. un-t, 1956, Odessa, 1957,
250-251.
Abstract : In 1953-1955 when 11 species of ducks were investigated,
it was noticed that the coots were to a significant extent
infested with the proboscis worm *Follicollis anatis* (as
much as 53% in some water hodies); of the representatives
of the Anseriformes order, the proboscis worm is found in
isolated cases only in the mallard. The great density of
water, the wood-louse (an intermediate host), and a number
of hydrologic factors account for the lakes of the Vil'kha
rayon being a center of follicollesis.

Card 1/1

SAVCHUK, M.P., prof.; GUBSKIY, V.S. [Hubs'kyi, V.S.], assistant

Measures for controlling hystrichosis in domestic ducks.
Na dopom.sil'.hosp.ta vyr. no.5:3-6 '58. (MIRA 13:3)

1. Kafedra zoologii bezpozvonochnykh Odesskogo gosudar-
stvennogo universiteta. 2. Chlen-korrespondent AN USSR (for
Savchuk).

(Ducks--Diseases and pests)
(Nematoda)

SAVCHUK, N.A. [Savchuk, M.P.], prof.; GURSKIY, V.S. [Hubs'kyi, V.S.];
BESHEVLI, L.Ye. [Beshevli, L.IU.]

Distribution of the lancet-shaped fluke (*Dicrocoelium lanceatum*) in
the districts of Odessa Province near the Danube and Dniester Rivers.
Pratsi Od. Un. 152 Ser. biol. nauk no.12:13-15 '62. (MIRA 17:9)

1. Chlen-korrespondent AN UkrSSR (for Savchuk).

GUBSKIY, V.S. [Hubs'kyi, V.S.]

Helminths of wild pigeons. Pratsi Od. Un. 152 Ser. biol. nauk no.12:
63-67 '62. (MIRA 17:9)

DZHUJINA, S.P. (Novosibirskaya oblast'); SMERTIN, V.F. (Novosibirskaya oblast'); GUBSKIY, Ya.P. (Novosibirskaya oblast')

Some characteristics of the epizooty of foot-and-mouth disease.
Veterinariia 42 no.5:45-46 My '65. (MIRA 18:6)

Y 36221-65 EWT(l)/EWT(m)/EWP(t)/EWP(b)/EWA(h) Pub IJP(a) GG/JD/JG
ACCESSION NR: AP5007107 S/0109/65/010/003/0570/0572

AUTHOR: Nosov, Yu. R.; Gubyrin, L. V.

TITLE: High-switching-rate germanium diode

SOURCE: Radiotekhnika i elektronika, v. 10, no. 3, 1965, 570-572

TOPIC TAGS: diode, germanium diode, high speed diode

ABSTRACT: Following the A. E. Bakanowsky method in creating superhigh-speed Si diodes (B.S.T.J., 1960, 39, 1, 87) the authors have developed a high-speed Ge diode by using a source material with a greatly reduced minority-carrier lifetime. Gold was diffused into Ge forming recombination centers with very large capture cross sections for electrons and holes. The diffusion was performed at a high temperature from a 200-500 Å surface layer obtained by high-vacuum spraying. The introduction of gold cut down both the reverse-resistance recovery time and the switching charge by 10-30 times; the

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L 36221-65

ACCESSION NR: AP5007107

recovery time attained was 10-15 nsec. Diode characteristics within a -60 to +70C range were measured. Orig. art. has: 3 figures. [03]

ASSOCIATION: none

SUBMITTED: 15Aug63

ENCL: 00

SUB CODE: EC

NO REF SOV: 002

OTHER: 007

ATD PRESS: 3220

Card 2/2 JO

1. GUBYRIN, V. G.
2. USSR (600)
4. Silk Manufacture
7. Shrinkproof finish for fabrics from artificial silk. Tekst. prom. 12 no. 12, 1952.

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

GUBYRIN, V.L.

ROGOVA, I.V.; DUBROVSKAYA, A.I.; GUBYRIN, V.L.; KORCHAGIN, M.V.,
retsensent; GUSEVA, Ye.M., "redaktor"; ~~ED~~KINA, E.M., tekhnicheskii redaktor.

[Silk finishing] Otdelka shelkovykh tkanei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1954. 355 p. (MLRA 7:12)
(Silk manufacture and trade)

GUNYRINA, A.A.

Diagnosis of inflammatory diseases and tumors of the posterior
cranial fossa. Zhur. nevr. i psikh. 56 no.3:248-252 '56 (MLRA 9:7)

1. Kafedra neurologii (zav.-prof. F.A. Poyemny) Gor'kovskogo
meditsinskogo instituta imeni S.M. Kirova.

(BRAIN, diseases,
inflamm. dis. of posterior cranial fossa (Rus))

(BRAIN, neoplasms,
posterior cranial fossa (Rus))

GUBYRINA, A.A.

Cavernous sinus syndrome in cerebral diseases of various etiology.
Zhur.nevr. i psikh. Supplement:10-11 '57. (MIRA 11:1)

1. Kafedra nevrologii (zav. - prof. F.A.Poyemnyy) Gor'kovskogo
meditsinskogo instituta imeni S.M.Kirova).
(BRAIN--DISEASES) (CAVERNOUS SINUS--DISEASES)

GUBYRINA, A.A.

Clinical aspects of tumors of the medulla oblongata [with summary in French]. Zhur.nevr.i psikh. 57 no.4:483-487 '57. (MLRA 10:7)

1. Kafedra nevrologii (zav. - prof. F.A.Poyemnyy) Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova.
(BRAIN NEOPLASMS, case reports, medulla oblongata (Rus))

GUBYRINA, A.A.

Cavernous sinus syndrome in brain diseases of varying etiology.
Vop.diag.i patomorf.nerv.zab. no.2:73-79 '59. (MIRA 15:8)
(BRAIN--DISEASES) (CAVERNOUS SINUS--DISEASES)

GUBEYRINA, A.A.

Clinical aspects of inflammatory diseases in the region of the fourth ventricle and some problems in the differential diagnosis of tumors. Vop.diag.i patomorf.nerv.zab. no.2:96-104 '59.
(MIRA 15:8)

(BRAIN--DISEASES) (DIAGNOSIS, DIFFERENTIAL)

GUBYRINA, A.A.

Dislocation syndromes in inflammatory diseases of the brain. Vop.
diag.i patomorf.nerv.zab. no.2:105-112 '59. (MIRA 15:8)
(BRAIN--DISEASES)

GUBYRINA, A.A.

Hypertension syndrome in inflammatory diseases of the medulla
oblongata. Vop.diag.i patomorf.nerv.zab. no.2:126-134 '59.

(MIRA 15:8)

(MEDULLA OBLONGATA—DISEASES)

(HYPERTENSION)

GUBYRINA, A.A.

Clinical aspects of optic chiasmic arachnoiditis. Vop.diag.i
patomorf.nerv.zab. no.2:139-146 '59. (MIRA 15:8)
(MENINGITIS) (OPTIC CHIASM--DISEASES)

GUBYRINA, A.A.

Dislocation syndromes in inflammatory diseases of the brain. Zhur.
nevr. i psikh. 60 no.3:286-291 '60. (MIRA 14:5)

1. Kafedra nervnykh bolezney (zav. - prof. F.A.Poyemnyy) Gor'kov-
skogo meditsinskogo instituta imeni S.M.Kirova.
(BRAIN—DISEASES)

ANASTASOV, M.; KAFTANDZIEV, D.; GUCEV, S.

Unilateral polycystic kidney. God. zborn. med. fak. Skopje 11:
269-272 '64.

1. Hirurska klinika medicinskog fakulteta u Skoplju (direktor:
prof. d-r. Bogosav Dragojevic).

GUCCLOVA, Y.; VRTIS, J.; ANTAL, J.

Effect of muscular work on blood coagulation changes in the dog.
Activ. nerv. sup. 4 no.2:174-175 '62.

1. Fyziologický ústav Lekárskej fakulty University Komenského v
Bratislave.

(EXERTION physiol) (BLOOD COAGULATION physiol)

ARSOV, Dimitar, prof., dr; HRISOHO, Dimitar, doc., dr; GUCEVA, Boginja, dr

Hygroton in the treatment of edematous conditions. Med. glas. 16 no.2:
92-95 F '62.

1. Interna klinika Medicinskog fakulteta u Skopju (Upravnik: prof.
dr D. Arsov)

(DIURETICS ther) (EDEMA ther)

5

1. GUCH', P. A.
2. USSR (600)
4. Swine
7. Leading hop raiser of the Stalin Collective Farm, Sots. zhiv., 15, No. 4, 1953.

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

8(6)

SOV/112-59-1-527

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, N: 1,
pp 68-69 (USSR)

AUTHOR: Guchas, V. K.

TITLE: Operating Experience With Rural Power Systems

PERIODICAL: Tr. nauchno-tekhn. soveshchaniya po vopr. primeneniya elektr.
energii v s. kh. L., 1956, pp 16-22

ABSTRACT: Operating experience with rural hydroelectric stations of the Oblast Lensele'energo Office showed that both the installed-equipment utilization factor and the utilization factor (?) are within 0.15-0.25 at isolated hydroelectric stations. In most cases, the kwh cost is prohibitive. Power interruptions during repairs are inevitable. The small capacity of an individual station did not permit using 25-30-kw motors on a round-log gang saw. The Gatchina power system was begun in 1948, when two 100-kw hydroelectric stations on the Oredezh River were put in parallel operation. In 1950, four hydroelectric stations on the same river were connected in parallel and were interconnected

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SOV/112-59-1-527

Operating Experience With Rural Power Systems

with the Lenenergo power system. By 1955, the installed capacity at the Oredezh stations reached 700 kw. Energy production sharply increased, and the kwh cost decreased. An annual table of kwh production is presented. The kwh cost fell from 80.6 kopeks in 1947 down to 31.8 kopeks in 1954. The river-discharge utilization factor and the station installed-equipment utilization factor have both considerably increased. Permanent voltage and frequency in the networks are ensured, as is service continuity. A dispatcher's communicating system is organized. Blueprints for automating the hydro-electric stations are being prepared. The Ivan-Gorod power system was created in 1952 of three stations on different rivers of the Kingisepp rayon. In 1953, 6 rural stations aggregating 1,800 kw were connected in parallel. A table of kwh production from 1948 (74.4 kwh) to 1954 (3,212.6 kwh) is presented. The average annual cost of kwh was reduced from 50.4 kopeks in 1951 to 42.6 kopeks in 1954. A dispatcher's service was organized. Adoption of complex automation is in sight. Two more power systems are planned for the immediate future.

Card 2/2

P.L.G.

BELOUS, I.F. [Bilous, I.F.], red.; BOGDANOV, O.P. [Bohdanov, O.P.], red.;
GUCHEK, I.V. [Huchek, I.V.], red.; MARCHENKO, I.K., red.; SIROTA,
M.I., red.; STEPANOV, T.K., red.; FEDCHUN, O.K., red.; FESENKO,
I.K., red.; SLUCHANSKIY, Sh. [Sluchans'kyi, Sh.], tekhnred.

[The economy of Chernovtsy Province; statistical collection]
Narodne hospodarstvo Chernivets'koi oblasti; statystychayn
zbirayk. Chernivtsi, 1959. 171 p. (MIRA 13:6)

1. Chernovtsy (Province) Oblastnoye statisticheskoye upravleniye.
(Chernovtsy Province--Economic conditions)

GUCHEK, T.S.; ZEMLYANSKAYA, V.G.; KARAVAYEV, M.N.; SYTINA, AI.;
SENTSOV, V.M.; TYULYAYEVA, V.P.; OBRUCHEV, V.V., *otv. red.*;
KORMIL'TSEVA, A.A., *red. izd-va*; GOLUB', S.P., *tekh. red.*

[Bibliography of the Yakut A.S.S.R., 1931-1959] Bibliografiia
Iakutskoi ASSR, 1931-1959. Moskva, Izd-vo Akad. nauk SSSR.
Vol.2. [Natural features, resouces, and national economy] Pri-
rodnye usloviia, resursy i narodnoe khoziaistvo. 1962. 254 p.

(MIRA 15:7)

1. Akademiya nauk SSSR. Sektor seti spetsial'nykh bibliotek.
2. Nauchnaya biblioteka Soveta po izucheniyu proizvoditel'-
nykh sil Akademii nauk SSSR (for Guchek, Zemlyanskaya, Sytina
Tyulyayeva).
3. Moskovskiy gosudarstvennyy universitet (for
Karavayev).
4. Yakutskaya respublikanskaya biblioteka im. A.S.
Pushkina (for Sentsov).

(Bibliography--Yakutia)

GUCHEK. Yu.L. [Huchek, Yu.L.]

Perfusion apparatus for experimental studies. Fiziol.zhur. [Ukr.]
ll no.4:552-554 J1-Ag '65. (MIRA 18:10)

1. Kiyevskiy nauchno-issledovatel'skiy institut eksperimental'noy
i klinicheskoy onkologii, Kiyev.

MOSIYENKO, V.S.; GUCHEK, Yu.L.

Perfusion technique for the pelvic organs and posterior
extremities in an experiment. Pat. fiziol. i eksp. terap.
8 no.5:84-86 S-0 '64. (MIRA 18:12)

1. Laboratoriya eksperimental'noy terapii raka Ukrainskogo
nauchno-issledovatel'skogo instituta eksperimental'noy i
klinicheskoy onkologii (direktor - deystvitel'nyy chlen AN
SSSR R.Ye.Kavetskiy), Kiyev. Submitted July 25, 1963.

BARYSHNIKOV, I.F.; GUCHETL', I.

Ways for the additional recovery of precious metals in non-ferrous metal ore dressing plants. TSvet. met. 37 no.11:23-28
N '64. (MIRA 18:4)

KRAVETS, G., inzh.; MEKHANICH, V.; ASTASHEV, A.; GUCHINSKIY, A., mekhanik

Pneumatic conveying of waste at the Orenburg Flour Mill No.1. Muk.-
elev. prom. 28 no.8;25 Ag '62. (MIRA 17:2)

1. Orenburgakaya mel'nitsa No.1.

ZAV'YALOV, V., CHCHIKVA, N., PALIYAN, A., Eds.

Tractors - Motors

Repairing cylinder heads of tractor motors. MIS 13, No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. WHCL.

GUCHKOV, Y. Y. and UMANSKIY, A. A.

"On an estimate of spanned systems of curved bridges." Sbornik trudov (Kiyevsk. inzh.-
stroit. in-t). Issue 8, 1948, p. 41-61

SO: U-3850, 16 June 53, (letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

GUCHOK, M.M.

Comparative pharmacological characteristics of phenatine and methylphenatine. *Farm. i toks.* 18 no.5:17-23 S-0 '55.

(MLRA 9:1)

1. Kafedra farmakologii, farmatsii i farmakognozii (nach. doktor meditsinskikh nauk, prof. S. Ya. Arbusov) Voenno-meditsinskoy akademii imeni S.M.Kirova.

(NICOTINIC ACID, derivatives,

N-(α -methylphenethyl)-nicotinamide & N-(α -dimethylphenethyl)-nicotinamide, eff. on blood pressure, comparison)

(BLOOD PRESSURE, effect of drugs on, same)

GUCHOK, M. M., BARYSHNIKOV, I. I., MUKHIN, Ye. A., and ABUZOV, S. Ya.

"The Pharmacology of Certain New Stimulators of the Nervous System and Means of Using Them in Medical Practices," from the book Theses of the Reports of the Scientific Session of the Military Medical Academy im. S. M. Kirov, Tezisy Dokladov Nauchnoy Sessi, Leningrad, 1956, 29 Oct- 2 Nov.

YUGOSLAVIA/Nuclear Physics - Installations and Instruments. Methods C-2
of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 220

Author : Gucic Jovan

Inst : -

Title : Electron Gun for Ionic Source of Electromagnetic Isotopic
Separator at the Institute "Boris Kidric."

Orig Pub : Tehnika, 1958, 13, No 3, Elektrotehnika, 7, No 3, 40-46

Abstract : Description of the results of the investigation of an ion
gun with oscillating electron beam for the ion source of
an electromagnetic isotope separator. The investigations
were carried out in the absence of plasma, for the purpose
of establishing the optimum operating conditions of the gun.
For this purpose the following parameters were varied:
distance between the cathode and the anode, diameter of the
helix of the cathode and the diameter of the opening in the
anode, filament current, current in the reflecting electrode,

Card : 1/2

GUCIC, P.

Counting systems of even spatial sensitivity. Arh. hig. rada.
14:193-198 '63.

Spectrum analyzers with proportional counters. Ibid.:223-240

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.

GUCIK, Stefan

The horizon of detrital limestones from Bircza in the Przemysl Carpathians and its significance for the stratigraphy of the Upper Cretaceous and Paleocene in the Skole nappe. Kwartalnik geol 5 no.3: 669-683 '61.

1. Karpacka Stacja Instytutu Geologicznego.

GUCIK, Stefan

Geological structure of the border of the furrow between
Pruchnik and Ujkowice. Kwartalnik geol 6 no.4:794-795 '62.

1. Karpacka Stacja Terenowa, Instytut Geologiczny, Warszawa.

GUCIK, Stefan

Profile of the Lower Cretaceous from Belwin in the Carpathians
near Przemyśl. Kwartalnik geol 7 no.2:257-268 '63.

1. Instytut Geologiczny, Karpacka Stacja Terenowa, Krakow.

MIHAILESCU, D., dr.; DIMITRASCU, D., dr.; GUCINSCHI, Maria, dr.

Alimentary toxinfection caused by Salmonella. Microbiologia
(Bucur.) 9 no.4:301-306 J1-Ag '64

1. Lucrare efectuata in Laboratorul de bacteriologie din In-
spectia de stat pentru igiena si protectia muncii, Fagaras.

GULLILMAN, I.

16 JUL 1962

(12)
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Bucharest, Estima (Geography-Geo Log Series), Vol XIV, No 3, Revista de

1. "An Imposing Historical Event in the Life of the Rumanian People;" (collectivization), pp 3-6.
2. "The Origin of the Birth and the Problems of its Structure and Composition," B. U. REVISTA, Doctor of Physical and Mathematical Sciences (Doctor in Science Pilitco-Matematica); pp 7-15.
3. "Gripote Cobajoscu and the First Rumanian Geological Paper," Viitorul ROIESCO and Vasile DIWOL, Bucharest; pp 15-19.
4. "Statistical Considerations on the Subject of 'Gripote Cobajoscu' Alex ROIESCO-Ionescu (Geologist), Bucharest;" English Summary; pp 20-28.
5. "The Development of Power and the Creation of the Primary Power System in the USSR," I. S. GRIGOR, ROIESCO (Geologist); Bucharest; English Summary; pp 29-36.
6. "Geomorphological Observations at Ripe Horia," V. TRUZA, Bucharest; English Summary; pp 37-39.
7. "Impressions from a Trip in the USSR," Prof. On. TRUZA, Bucharest; pp 40-44.
8. "Through Last Regime--School Excursions," Prof. On. I. GRIGOR, 1961; pp 44-51.
9. "Itinerary for an Interregional Excursion," G. MARCU, ROIESCO, Leading Professor (Professor Pruntescu); Bucharest; pp 52-57.
10. "School Excursions in Hunedoara Regime," Prof. Lucia VOICU, Orastie; pp 57-63.
11. "Itinerary and School Excursions in Hermitage Regime," Prof. Lucia VOICU, Sula Hore; pp 65-71.
12. "The Economic and Social-Cultural Development of RFR," pp 72-73.
13. "South-West Africa," On. DIACU, Lecturer (Lector) and I. VASILE, Inhor (geodesist), Bucharest, Revista, Revista, pp 74-77.

1/2

HORNY, Jiri; GUCKO, Rudolf, inz.

Calculation of the average value of a time series. Prace mzda
12 no.3:109-114 Mr'64

1. State Wage Commission.

GUCMAN, Wieslaw, mgr inz.

Effective attenuation of teletransmission transformers. Prace
Inst teletechn 6 no.1:19-56 '62.

1. Kierownik Pracowni, Panstwowe Zaklady Teletransmisyjne,
Warszawa.

COUNTRY: : Poland D
CATEGORY :
ABS. JOUR. : RZKhim., No. 5 1960, No. 17382
AUTHOR : Gucwa, I. and Szczurowska, J.
INST. : Not given
TITLE : On the Occurrence of Migmatites in the Carpathians
ORIG. PUB. : Kwart Geol, 2, No 2, 278-286, 462-463 (1958)
ABSTRACT : So-called 'exotic' migmatite blocks, products of the contact metamorphism of clay sandstones at relatively shallow depths, in the Bzhezyn district have been studied. Data obtained from chemical and qualitative spectral analyses of the migmatites are given. The stages of successive chemical modification are described.
G. Vorob'yev

CARD: 1/1

GUCMAN, Wieslaw, mgr inz.

The mismatch coefficient and the problem of cooperating devices
in a teletransmission system. Prace inst telstechn 8 no.4:19-
42 '64.

1. State Teletransmission Works, Warsaw. Submitted July 21, 1964.

GUCWA, I.; PELCZAR, A.; WIESER, T.

Variscites from Wisniowka (Holy Cross Mts.). Bul geolog PAN 8 no.1:
37-43 '60.

1. Laboratory of Geochemistry, and Petrography, (Cracow) Carpathian
Field Station, Geological Institute, Polish Academy of Sciences.
Presented by A. Bolewski.

(Variscite)

GUCIA, Stanislaw
SURNAME, Given Names

Country: Poland

Academic Degrees: Magister

Affiliation: Undersecretary (Podsekretarz Stanu) in the Ministry of Agriculture (Ministerstwo Rolnictwa)

Source: farsaw, Medycyna Weterynaryjna, Vol XVII, No 7, July 1961, pp 385-387.

Data: "Tasks and Aims of the Veterinary Service in Poland at the Present Time."

690 981643

GUCZI, L

V Study of organic reactivity by ¹³¹I radioactive isotopes.
Dexso Gál, Ferenc Dutka, László Gucci, Imre Kezsek, and
Lehel Kóchi, *Magyar Kém. Folyóirat* 66, 191-8 (1968).—
Isotope exchange reactions between ¹³¹I labeled KI and Et,
Pr, Bu, phenethyl, 3-phenylpropyl, and 4-phenylbutyl io-
dides were followed by detn. of the sp. activity of the org.
iodide. Concns. of org. iodide were 0.2 mole/l. and of
KI, 0.105 mole/l., in abs. alc. soln. The addn. of amine
to the mixt. inhibited isotope exchange; this was attributed
to reaction with the org. radical resulting in splitting of the
iodine atom from the structure. Desorption of the org. io-
dides from red P and active C was studied with a differential
manometer and a counter. Graphs of the data showed that
there was a const. value of activation energy for a given sur-
face at a given temp. On the surface of red P there were at
least 3 adsorption zones of different heats of adsorption. At
the highest energy-level, there was rupture of the C—I bond,
the liberated iodine atom forming P iodides with the adsorb-
ent. At an intermediate energy-level, the C—I rupture
still occurred with the iodine atom moving to the lowest
energy level, at which the C—I bond remained stable and an
alkyl iodide polymer formed and inhibited sp. activity of the
adsorbent. Desorption from active C also started from
zones of min. adsorption heat but sp. activities fluctuated
considerably and desorption was reversible. An abs. alc.
soln. of the org. iodides was shaken with a known amt. of
active C for a few days until adsorption equil. was attained,
the adsorbent filtered off and mixed with alc. soln. of KI,
measuring the increase of ¹³¹I activity of the soln. The
extent of isotope exchange between org. iodides adsorbed on
C and KI was the same. With red P, however, no exchange
was observed. Chem. reaction took place during adsorp-
tion on red P. Relevant kinetic data were tabulated and
shown graphically. J. S. Cook

GUEZI, L.

26. A study of the interaction between vapours of alkyl iodides and carbon surfaces by kinetic and isotope methods. I. Kondó, G. Gáspár, D. Gál. *A Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei*, Vol. 11, 1968, No. 1, pp. 21-28, 5 figs., 3 tabs.

The desorption of ethyl, propyl and butyl iodides adsorbed on activated carbon was studied as a function of time at various temperatures. The kinetic equation of the desorption, the activation energies and the distribution functions corresponding to them were derived from the desorption diagrams. The nature of the interaction between these iodides and the surface of carbon was investigated by means of the differential isotope technique. The results of the experiments lead to the conclusion that under the experimental conditions employed the alkyl iodides are physically adsorbed on the carbon and the adsorbed molecules rearrange on the surface.

15
HE3d
29/9 (B)

///
7/12/68

RHP

Distr: 4E3d

7

4
1-JAN (W&J)

Investigation of the interaction of alkyl iodide vapors with a carbon surface by kinetic and isotopic methods. I. Kende, L. Guzzi, and D. Gál (Hungarian Acad. Sci., Budapest). *Phys. and Chem. Solids* 10, 321-8 (1959). The rate of desorption of EtI, PrI, and BuI adsorbed by active C and examd. at various temps. From the desorption curves obtained, the kinetic equation of desorption, the activation energies of desorption, and the corresponding energy distribution were detd. J. M. Houg-

9-9

7 4

Use of the differential isotope method for studying the interaction between vapors of alkyl iodide and surface of red phosphorus. L. Guzzi, I. Kende, and D. Gál (Hungarian Acad. Sci., Budapest). *Phys. and Chem. Solids* 10, 326-32 (1959).—The effect of increasing the no. of C atoms in alkyl iodides in the catalytic processes occurring on red P was investigated. The rates of desorption, energy distribution, and related quantities were detd. With I^{131} , the differential isotope method was used to det. the type of interaction between the adsorbent and P. Chemisorption resulting in splitting off of I atoms occurs. J. M. Honig

GU CZI, L.

19

27. Use of the differential isotope technique in studying the interaction between vapours of alkyl iodides and the surface of red phosphorus. L. Guozl, I. Konde, D. Gal. *A Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei*, Vol. 11, 1969, No. 1, pp. 29-41, 11 figs., 4 tabs.

The kinetic diagrams of desorption of ethyl, n-propyl and n-butyl iodides from the surface of red phosphorus were taken at 40, 60 and 100° C. The rate curves, distribution functions of desorption in terms of energy and activation energies of the desorption processes were calculated from the kinetic data. The differential isotope technique was applied in the study of the interaction of alkyl iodides with the surface of red phosphorus employing radioactive iodine isotopes. The results of the investigation show that red phosphorus has a heterogeneous surface and adsorption processes are accompanied by chemisorption, the latter resulting in the cleavage of the C-I bonds of the alkyl iodide molecules.

11
now

5
4E3d
20g (NB)

Rm2

GAL, Dezso; KENDE, Imre; DUTKA, Ferenc; GUCZI, Laszlo

Application of radioactive isotopes in the examination of the mechanism of some oxidation reactions. Pt. 1. Magyar kem folyoir 65 no. 7:249-252 J1 '59.

1. Magyar Tudomanyos Adademia Talajtani es Agrokemiai Kutato Intezete Izotop Laboratoriuma, Budapest.

GAL, Dezso; DUTKA, Ferenc; GUCZI, Laszlo; KENDE, Imre

Application of radioactive isotopes in the examination of the mechanism of some oxidation reactions. Pt. 2. Magyar kem folyoir 65 no. 8:294-298 Ag '59.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemiai Kutato Intezete Izotop Laboratoriuma, Budapest.

GURZALSKI, ROMUALD

Distr: 4E2c(m)

Effect of the presence of silica on the decomposition temperature of the system $Mg(OH)_2/MgCO_3$. Ignacy Berak, Romuald Gurzalski, Jerzy Walicki, and Stefan Zalwert (Sci. Research Inst., Auschwitz, Poland). *Przemysl Chem.* 39, 297-8(1960).—The effect of the molar ratio $Mg(OH)_2:MgCO_3$ on the temp. of decompn. of the system $Mg(OH)_2/MgCO_3/SiO_2$ was exptl. studied, with the help of differential thermal analysis. The decompn. temps. for the molar ratios of $Mg(OH)_2:MgCO_3$ of 38:1, 18:1, 34:8, and 8:1 were found to be, resp., 382, 367, 368, and 357°.

Z. A. van Zeggeren

6
MUC(10)

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jersy; ZALWERT, Stefan

Upgrading of Polish made bentonite by acid treatment. Przem chem
39 no.9:573-575 S '60.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef, dr.inz.; GUCZALSKI, Romuald, mgr.; WOJCIK, Jerzy, mgr.;
ZALWERT, Stefan, mgr.

Bentonites. Wlad chem 14 no.11:693-716 N '60.

1. Kierownik Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Berak)
2. Starsi inzynierowie Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Guzczalski and Wojcik)
3. Kierownik Pracowni Badan Strukturalnych, Laboratorium Syntezy Monomerow, Zaklady Chemii Organicznej, Oswiecim. (for Zalwert).

33734

P/014/62/041/002/001/001
D204/D30311. 2211
AUTHORS:Berak, Józef, M., Guczalski, Romuald, Wójcik, Jerzy,
and Zalwert, Stefan

TITLE:

Synthesis of butadiene from ethyl alcohol, I. Mechan-
ism, thermodynamics and catalysts

PERIODICAL: Przemysł chemiczny, v. 41, no. 2, 1962, 80 - 84

TEXT: A brief historical account, based on Soviet and Western work is first given of the Lebedev single-stage process for the synthesis of butadiene: $2C_2H_5OH \rightarrow C_4H_6 + H_2 + 2H_2O$ (Eq. 1). stressing the importance of the choice of catalyst on the yield. Earlier studies of the complex mechanism of this reaction are then described, accepting the conclusions of Gorin (Ref. 11: Trudy VNIISK, 1, 5, 1948). The first stage is thought to be the dehydrogenation: $CH_3 - CH_2OH \rightarrow CH_3 - CHO + H_2$ (Eq. 2), followed by condensation of the acetaldehyde: $2CH_3 - CHO \rightarrow [CH_3 - CHOH - CH_2 - CHO] \rightarrow CH_3 - CH =$

Card 1/3

33724

P/014/62/041/002/001/001
D204/D303

Synthesis of butadiene from ethyl ...

$\text{CH}_3 - \text{CHO} + \text{H}_2\text{O}$ (Eq. 3). The $\text{C} = \text{O}$ group in crotonaldehyde is then hydrogenated with H_2 removed from the ethanol: $\text{CH}_3 - \text{CH} = \text{CH} - \text{CHO} + \text{CH}_3 - \text{CH}_2\text{OH} \rightarrow \text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2\text{OH} + \text{CH}_3 - \text{CHO}$ (Eq. 4). Finally, dehydration and isomerism yields butadiene: $\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2\text{OH} \rightarrow \text{H}_2\text{O} + \text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$ (Eq. 5). The present authors' contribution consists of calculating equilibrium constants (K_p) for Eqs. 1 - 5, for 300, 400, 500, 600, 700, 800 and 1000°K. K_p 's for Eqs. 1 - 2 were calculated by the method of Ulich (Ref. 35; M. Karapetyans, *Khimicheskaya termodinamika* (Chemical Thermodynamics), Moscow, 1949), from the heats of reaction and entropy changes at 298°K. K_p 's for Eq. 3 - 5 were computed by the method of Bremner and Thomas (Ref. 36; *Trans. Far. Soc.* 44, 230, 1948), from the thermodynamic potentials. The values are tabulated, the authors stating that the choice of the optimum temperature for the process would depend on kinetic factors. In the remainder of the article the authors review the work done outside the USSR, concerned with the catalysts. It is concluded that the best choice would be MgO and SiO_2 , the

Card 2/3

Synthesis of butadiene from ethyl ...

33754

P/014/62/041/002/001/001
D204/D303

exact properties depending on the method of preparation and on additives. A high activity catalyst, B-4, developed at the Zakład naukowo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works Oświęcim) will be described in Pt. II of this work. There are 1 figure, 1 table and 57 references: 37 Soviet-bloc and 20 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: J. Bremner and G. Thomas, Trans. Far. Soc., 44, 230, 1948; H. Jones, E. Stanly and B. Corson, J. Am. Chem. Soc., 71, 1822, 1949; B.B. Carson, H.E. Jones, C.E. Welling, J.A. Hinckley and E.W. Stanly, Ind. Eng. Chem., 42, 359, 1950; G.S. Whitby, Synthetic Rubber, New York, 1954. ✓

ASSOCIATION: Zakład naukowo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works, Oświęcim)

Card 3/3

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Synthesis of butadiene from ethyl alcohol. II.: Investigation of the activity of the B-4 catalyst. Przem chem 41 no.3:130-133 Mr '62.

1. Zaklad Naukowo-Badawczy ZCh Oswiecim

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 3.
Influence of betonite upon the quality of the catalyzer.
Przem chem 41 no.4:190-191 Ap '62.

1. Zaklad Naukowo-Badawczy Zakladow Chemicznych, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Ronald; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 4. Influence
of SiO_2 upon the decomposition temperature of magnesium hydroxide.
Przem chem 41 no.5:271-274. My '62.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

A new basis of testing the activity of butadiene catalysts. Przem
chem 41 no.6:300-302 Je '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Influence of carbonate upon the properties of the $Mg(OH)_2-SiO_2$
system. Przem chem 41 no.7:380-382 J1 '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Cation exchange and thermal treatment and their influence upon the rehydration property of montmorillonite from Kielce. Przem chem 41 no.12:692-695 D '62.

1. Laboratorium Katalizy Zakladu Naukowo-Badawczego, Zaklady Chemiczne, Oswiecim.

GUCZI, Laszlo; KISS, Istvan

Use of radioactive isotopes in the food industry as well as food-
industry research. Elelm ipar 16 no.8:240-243 Ag '62.

1. Orszagos Atomenergia Bizottsag Izotop Intezet es Kozponti
Elelmiszeripari Kutato Intezet.

GUCZI, L.

Isotopic data to study the formation of Na_2S in oxidation of mercaptoacetic acid / L. Guzzi and D. Gál (Hungarian Acad. Sci., Budapest). *Z. physik. Chem. (Leipzig)* 217, 238-7 (1959) (in English).—The oxidn. of $\text{HSCH}_2\text{CO}_2\text{H}$ in liquid phase at 50° and pH 8 was studied in the presence of complexon IV and of Fe with regard to the formation of sulfide and its further oxidn., employing Na_2S labeled with S^{34} . The oxidn. reaction is a branching chain reaction, 1 of its chief chains being formed by the formation of Na_2S and its further oxidn. Friedrich Epstein

188 (1959)
A

CFP

GUCZI, Laszlo (Budapest); GAL, Dezső, a kémiai tudományok kandidátusa (Szeged)

Investigation of the oxidation mechanism of mercaptoacetic acid by means of ^{35}S isotop. I. The role of sulfide in oxidation. *Kém tud közl* MTA 14 no.4:399-409 '60. (EEAI 10:3)

1. Központi Elemiszeripari Kutató Intézet, Radiológiai Osztály,
Budapest és Szegedi Tudományegyetem, Központi Izotop Laboratórium.
(Mercaptoacetic acid) (Sulfur) (Radioisotopes)
(Sulfides) (Thiocarbonic acid) (Carbon dioxide)
(Glutathione) (Cysteine)

GUCZI, Laszlo (Budapest); GAL, Dezso, a kémiai tudományok kandidátusa
(Szeged)

Investigation of the oxidation mechanism of mercaptoacetic acid by means of ^{35}S isotope. II. Catalytic effect of Fe^{3+} ions on the oxidation. *Kém. tud. közl. MTA* 14 no.4:411-420 '60. (EEAI 10:3)

1. Központi Élelmiszeripari Kutató Intézet, Radiológiai Osztály,
Budapest és Szegedi Tudományegyetem, Központi Izotóp Laboratórium.
(Sulfur) (Mercaptoacetic acid) (Radioisotopes)
(Catalysts) (Iron) (Ions) (Complex compounds)
(Sulfides)

GUCZI, Laszlo

Investigation of the mechanism of the effect of chemical protection at the radiolysis of aqueous solutions. Magyar kémiai folyóirat 67 no.2:212-216 My '61.

1. Kossuthi Élelmiszeripari Kutató Intézet Radiológiai Osztály, Budapest.

GUCZI, Laszlo; TETENYI, Pal, a kemiai tudományok kandidátusa

The effect of radioactive radiation on the adsorptive and catalytic properties of the solids. Kem tud kozl MTA 18 no.4: 585-601 '62.

1. Országos Atomenergia Bizottság Izotop Intézete, Budapest.

TETENYI, Pal, dr.; BABERNICS, Lajos; GUCZI, Laszlo; SCHACHTER, Klara (Mrs)

Effect of the method of preparation on the adsorptive and catalytic properties of nickel. Pt.1. Acta chimica Hung 40 no.4:387-396 '64.

1. National Atomic Energy Commission, Institute of Isotopes, Budapest, XII., Konkoly-Thege ut.

PETREKI, Pal, dr. (Budapest, XII., Konkoly Thege ut); GYOMAI, László
(Budapest, XII., Konkoly Thege ut)

Effect of the method of preparation on the adsorptive and
catalytic properties of nickel. Pt.2. Acta chimica Hung
41 no.4:383-399 '64.

1. Institute of Isotopes of the National Atomic Energy
Commission, Budapest.

L 63692-65 EPF(c)/EWP(t)/EWP(z)/EWP(b) IJP(c) JL/HW

ACCESSION NR: AT5 022235

HU/2502/64/0041/0004/0383/0399

AUTHOR: Tetenyi, Pal. (Tenteni, P.) (Doctor) (Budapest); Guczi, Laszlo (Gutsi, L.) *26*
(Budapest)

TITLE: Effect of the method of preparation on the adsorptive and catalytic properties of nickel. Part 2: Investigation of the adsorption of hydrogen *Bt/*

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. ¹41, no. 4, 1964, 383-399

TOPIC TAGS: nickel, hydrogen, adsorption, catalysis

ABSTRACT: The adsorption of hydrogen was investigated on ten types of nickel catalyst prepared in different ways in the temperature range of 260-300°C. Definite correlation between manufacturing method and hydrogen adsorption was observed and the catalytic activity of the material was in a relation to its hydrogen adsorbing rate and capacity. Orig. art. has: 4 tables, 12 graphs, 7 formulas.

ASSOCIATION: National Atomic Energy Commission, Institute of Isotopes, Budapest

SUBMITTED: 10Dec63

ENCL: 00

SUB CODE: IC, GC

NR REF SOV: 001

OTHER: 018

JPRS

Card 1/1 *dm*

GUTSI, L. [Guczy, L.]; GAL. D.

³⁵S tracer study of the mechanism of oxidation of mercaptoacetic acid. Part 1. Zhur. fiz. khim. 36 no.6:1150-1157 Ja'62
(MIRA 17:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut p. shchevoy promyshlennosti, Vengriya i Universitet v Segede, Vengriya.

GUCZY, L.; VERES, S.; HOFFMANN, P.

Examination of the medium effect at the alkaline hydrolysis of malonic acid-monoethylester-K-salt. p. 32. (Magyar Kemiai Folyoirat, Vol. 63, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

С-11), П.П.
С

*IX Production
Equipment*

Mechanical proportioning of sulfate. P. A., *Стекло
и Керам.*, 7 (11) 7-10 (1950).--Equipment was specially designed
to handle Aral Sea sulfate of nonuniform quality. Any varia-
tion in either water or substance content of the sulfate is adjusted
by distribution to 32 sections of a hopper, from where it is fed to a
mixer. Illustrations. B. Z. K.

VOLYNKIN, Yu. M.; ANTIPOV, V. V.; GUDA, V. A.; NIKITIN, M. D.; SAKSONOV, P. P.

"The biological evaluation of radiation conditions on the path between the earth and the moon."

report presented at the 15th Intl Astronautical Cong, Warsaw, 7-12 Sep 64.

VOLENKIN, Yu.M.; PARIN, V.V.; ANTIPOV, V.V.; GUMEN, V.A.; BOBROV, N.N.;
NIKITIN, M.D.; SAKSENOV, P.P.

Radiation protection during the flight of Soviet cosmonauts on
"Vostok" space ships. Radiobiologia 4 no.3:344-348 '64.

(MIRA 17:11)

VOLYNKIN, Yu.M.; ANTIPOV, V.V.; GUDA, V.A.; NIKITIN, M.D.; SAKSONOV, P.P.

Biological evaluation of radiation conditions on route from
the earth to the moon. Probl. kosm. biol. 4:127-138 '65.
(MIRA 18:9)

ACCESSION NR: AP4039714

S/0205/64/004/003/0344/0348

AUTHOR: Voly*inkin, Yu. M.; Parin, V. V.; Antipov, V. V.; Guda, V. A.; Dobrov, N. N.; Nikitin, M. D.; Saksonov, P. P.

TITLE: Radiation safety measures during flights by Soviet cosmonauts in Vostok space ships

SOURCE: Radiobiologiya, v. 4, no. 3, 1964, 344-348

TOPIC TAGS: manned space flight, Vostok, cosmic radiation, galactic radiation, radiation dosimetry, telemetry, radiobiology

ABSTRACT: Radiation safety measures for cosmonauts in the Vostok series have involved measurements of the integral doses within cabins, conducting biological dosimetric probes of cosmic radiation, and the use of antiradiation pharmaceuticals during emergency situations. The results of radiobiological investigations conducted during the Vostok flights agree with those of other physical probes and indicate that the radiation hazards to be encountered during short space flights are minimal. Clinical examinations of cosmonauts following Vostok flights showed no deleterious effects of cosmic radiation.

Card 1/2

ACCESSION NR: AP4039714

ASSOCIATION: none

SUBMITTED: 29Dec63

SUB CODE: PH, LS

DATE ACQ: 19Jun64

NO REF SOV: 008

ENCL: 00

OTHER: 000

Card 2/2

L 24370-66 FSS-2/EWT(1)/EWT(m)/EEG(k)-2/FCG/EWA(h) SCTB TT/DD/GW

ACC NR: AT6003848

SOURCE CODE: UR/2865/65/004/000/0127/0138

AUTHOR: Volynkin, Yu. M; Antipov, V. V.; Guda, V. A.; Nikitin, M. D.; Saksonov, P. P. 77

ORG: Department of Biological Sciences, Academy of Sciences USSR (AN SSSR. Otdeleniye biologicheskikh nauk)

TITLE: Biological evaluation of radiation conditions for earth to moon flight 12 2

SOURCE: AN SSSR. Otkeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 127-138

TOPIC TAGS: bioastronautics, space radiation, solar flare, irradiation dosimetry, radiation shielding

ABSTRACT: The physical characteristics and maximum permissible biological doses of the basic types of cosmic radiation are considered. Radiation doses for primary cosmic radiation from natural and artificial belts with a radiation shield of 1 to 2 g/cm² should not exceed 10 rem for a two week flight around the moon. In case of an emergency return from an altitude of 75,000 km by the least favorable trajectory, the maximum dose would probably be about 20 rem and a radiation shield of 1 to 2 g/cm² would still provide adequate radiation protection for crew

Card 1/2

L 24370-66

ACC NR: AT6003848

members. Proton radiation of solar flares represents a real threat to the health and lives of astronauts. To protect astronauts from solar flares of the type witnessed Aug. 22, 1959, the radiation shield may be increased to 3 g/cm². However, the problem of protection against solar flares of the type witnessed July 10, 1959 and February 23, 1956 cannot be solved technically at this time. The safety of the astronaut can also be increased with the use of solar flare forecasts. Present forecasting methods predict the appearance of solar flares 2 to 3 days in advance with 75% accuracy. Improved forecasting methods should be accompanied by the development of new types of forecasting instruments. Increasing body resistance to proton radiation of solar flares with the use of various pharmaceutical chemical preparations appears promising. Orig. art. has: 2 tables.

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 021/ OTH REF: 020

Card 2/2 W

~~Number, Given Names~~

Country: Rumania

Academic Degrees: Engineer

Affiliation: General Directorate of Geotopography and of the Territory's
Organization of the Ministry of Agriculture (Directia Generala
Geotopografica si a Organizarii Teritoriului, Ministrul Agri-
culturii).

~~Source~~

~~1961~~

Source: Bucharest, Revista de Geodezie si Organizarea Teritoriului,
No 2, 1961, pp 39-46.

Data: "Rational Methods of Parcelling Calculations."

GPO 981643

KARTVELISHVILI, Yuriy Lavrent'yevich; GUDADZE, Georgiy Iosifovich;
KIKNADZE, Nodar Aleksandrovich; KIPIANI, Tornike Terent'yevich;
SUTIDZE, Liana Nikolayevna; BEZHANOV, Tigran Vladimirovich

[Principles of designing machinery for earthwork] [Osnovy pro-
ektirovaniia mashin dlia zemlianykh rabot. Tbilisi, Gos.izd-
vo "TSodna"] 1964. 236 p. [In Georgian] (MIRA 17:4)

GP-100-100

and existing supporting reports. Treaty GP-100 (1962.) no. 1:25-33 '63.

(MIRA 18:2)

PONOMAREV, I.F., prof., doktor khim. nauk; AZHLITSKAYA, R.D., kand. tekhn. nauk; GUDAKOVA, M.M., insh.

Replacement of asbestos by slag wool in the manufacturing of asbestos cement products. Trudy NPI 27:143-145 '56. (MIRA 10:12)

1. Kafedra tekhnologii tsementa Novoherkasskogo politekhnicheskogo instituta.

(Asbestos cement) (Mineral wool)

GUDAKOVA, T.V.

Adsorption of coloring matters on the surface of sugar crystals. N. P. Silina, L. A. Chernova, and T. V. Gudakova (Technol. Inst. Food Ind., Moscow). *Сельскохозяйственная химия* 28, No. 4, 43(1984).--Most of the coloring matter on raw sugar crystals can be removed by affination. The color of the crystal is due to the molasses adhering to the crystal.

Y. B. Halkov

ORLOV, V.; AGAFONOVA, Z.; GUDAKOVA, V., starshiy nauchnyy sotrudnik;
TOLMACHEVA, O., starshiy nauchnyy sotrudnik

Timely disinfection of seed. Zashch. rast. ot vred. i bol. 10
no.1:15-17 '65. (MIRA 18:3)

1. Direktor Kurskoy sel'skokhozyaystvennoy opytной stantsii (for Orlov). 2. Zaveduyushchaya laboratoriyey Kurskoy sel'skokhozyaystvennoy opytной stantsii (for Agafonova). 3. Kurskaya sel'skokhozyaystvennaya opytная stantsiya (for Gudakova, Tolmacheva).

GUDAKOVSKAYA, M.M., ZAYKO, N.N.

"Penetration of Labeled Penicillin into the Eye and its Distribution in the Eye's Tissues and Media", in the book Experience in the Use of Radioactive Isotopes in Medicine R. Ye. KAVETSKIY and I.T. SHEVCHENKO, published by the Gosmedizdat Publishing House of the UKRAINIAN SSR, KIEV 1955, represents medical transactions of a conference held in KIEV from 18-20 January 1954.

So: 1100235

PROCESSES AND PROPERTIES INDEX

GUDALIN, G.G. 8

ca

Local occurrence of Breyite. V. Grushevol and C. Gudalin. *Russkaya Neft* 26, 3-8(1936); *Neues Jahrb. Mineral., Geol., Ref. II, 1936*, 178-9. This deposit, in gray marly limestone of Cretaceous-Jurassic age, extends over 9000 sq. km. in the watershed between the Bzyb and Reshava rivers. The ore is confined to certain horizons of the limestone, and so far only oxidized ores have been found, but the deposit appears likely to prove the most extensive polysulfidic occurrence of Transcaucasia. The content of metal in hand specimens varies from 0.2-21% of Pb and 0.1-31.5% Zn.

G. A. Silbertad

CONCISE ELEMENTS

PERIODIC TABLE

METALS INDEX

NON-METALS INDEX

ABB. ILL. METALLURGICAL LITERATURE CLASSIFICATION

1930-1939 1940-1949 1950-1959 1960-1969 1970-1979 1980-1989 1990-1999

GROUPS

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

GUDALIN, G. G.

PR 18T73

USSR/Geology
Ore Deposits

Sep 1947

"Geology and Lodes of Dzhezkazgan," G. G. Gudalin,
5 pp

"Gornyy Zhurnal" No 9

This region is geologically similar to Central Africa,
as determined by V. Lindgren. Ores in this region
show high iron and copper sulphide concentration.
Minerals are in following percentages: sulphur, 50%;
iron, 47%; and copper, 3%.

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