

L 24212-65

ACCESSION NR: AP5001265

national Conference on Peaceful Uses of Atomic Energy, 1964. It describes an installation of a reactor in which organic liquid serves as the coolant, and as the moderator. The low-power reactors of about 5 Mw are expected to be economical in the remote regions where the usual energy sources are not available. A regeneration system is described for the coolant which removes the products of radio-lysis. Orig. art. has: 7 figures

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NR REF SOV: 000

OTHER: 000

Card 2/2

MOROZ, B.B.; GROZDOV, S.P.

Changes in blood pressure and the circulatory reactivity after
polonium injury. *Farm. i toks.* 22 no.6:544-550 N-D '59.

(MIRA 13:5)

(RADIATION SICKNESS)
(BLOOD--CIRCULATION, DISORDERS OF)
(BLOOD PRESSURE)
(POLONIUM--PHYSIOLOGICAL EFFECT)

MOROZ, B.B.; GROZDOV, S.P.

Reactivity of the rabbit myocardium to certain pharmacological
agents after polonium injury; according to electrocardiographic
data. Med.rad. 5 no.2:46-50 F '60. (MIRA 13:12)
(POLONIUM—TOXICOLOGY) (HEART)

GROZLOV, S. P., Cand. Med. Sci., -- (diss) "Functional changes in the normal and pathologically altered heart in animals during the action of x-rays and incorporated polonium," Moscow, 1961, 19 pp (* Institute of Normal and Pathological Physiology, Academy of Medical Sciences USSR), 250 copies (KL-Supp 9-61,189)

KUROZ, B.B.; GROZDOV, S.P.

Action of strophanthin on the heart in acute radiation sickness.
Farm. toks. 24 no.3:301-304 My-Je '61. (MIRA 15:1)

1. Nauchnyy rukovoditel' - zaslužhennyy deyatel' nauki prof. I.A.Pigalev.
(HEART) (STROPHANTHIN...PHYSIOLOGICAL EFFECT)
(RADIATION SICKNESS)

PIGALEV, I. A.; MOROZ, B. B.; GROZDOV, S. P.

Some mechanisms of myocardial functional disorders in acute
radiation sickness. Med. rad. no.12:29-36 '61.
(MIRA 15:7)

(RADIATION SICKNESS) (HEART--INFARCTION)

GROZDOV, S.P. (Moskva)

Features of cardiovascular disorders in rabbits with experimental myocarditis during acute radiation injury. Pat. fiziol. i eksp. terap. 5 no.4:53-60 J1-Ag '61. (MIRA 14:9)

1. Rukovoditel' raboty - zasluzhennyy deyatel' nauki prof. I.A. Pigalev.

(RADIATION SICKNESS) (HEART--DISEASES)
(ELECTROCARDIOGRAPHY)

GROZDOV, S.P.

Electrocardiographic changes in rabbits under the action of
incorporated polonium and x rays. Med.rad. no.6:48-53 '61.

(MIRA 15:1)

(X RAYS--PHYSIOLOGICAL EFFECT)

(HEART--RADIOGRAPHY)

(POLONIUM--PHYSIOLOGICAL EFFECT)

27.1220

11843
S/205/62/002/004/003/014
I015/I215

AUTHORS: Moroz, B.B., Grozdov, S.P., and Petrovnina, Ye.N.

TITLE: Catecholamines and their oxidation in radiation sickness

PERIODICAL: Radiobiologiya, v.2, no.4, 1962, 543-547

TEXT: The effect of catecholamines on various organs and systems in radiation sickness has been insufficiently studied. This work is the continuation of a previous study. X-irradiation of 800r at a dose rate of 25-26r/min induced acute radiation sickness on 29 female rabbits weighing 2.5-3kg, with a mortality rate of 70% within 10-18 days. The catecholamines were determined by the fluorescence method, as modified by Osinskaya. Adrenalin, its oxidation products and noradrenalin were determined in blood, skeletal muscle (biceps femoris) and both the right and left ventricles of the heart. Marked amounts of oxidation products of catecholamines were found in the blood of the irradiated rabbits. In the myocardium of the left ventricle, 30-40 μ g% of adrenalin was present

X

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S/205/62/002/004/003/014
I015/I215

Catecholamines and the oxidation...

in the first hours after irradiation, as well as at the height of radiation sickness. The increased concentration of adrenalin in the myocardium apparently plays a role in the development of anoxic conditions leading to the pathogenesis of cardiac insufficiency and mortality of the irradiated rabbits. The intravenous injection of 0.2mg of adrenalin to irradiated rabbits resulted in the increase of oxidation products, but not of adrenalin. Ephedrin, injected i.v. did not prevent the oxidation of adrenalin in the irradiated animals. The intense oxidation of catecholamines in radiation sickness follows the quinoid pathway rather than the aminooxidase route; this is demonstrated by the effects of ascorbic acid in vitro. The oxidation products are the reversibly oxidized forms - dehydro-adrenalin. There are 3 figures and 1 table.

SUBMITTED: November 9, 1961

Card 2/2

GROZDOV, S.P.; FIGALEC, I.A., zasluzhennyy deyatel' nauki ESFSR.

Mechanism of some varieties of experimental Wolff-Parkinson-
White syndrome. *Kardiologiia* 3 no.3:81-86 My-Je '63.

(MIRA 16:9)

(WOLFF-PARKINSON-WHITE SYNDROME)

MOROZ, B.B.; GROZDOV, S.I.

State of electrolyte metabolism in acute ^{210}Po injury.
Radiobiologia 5 no.5:759-761 '65. (MIRA 18:11)

MOROZ, B.B.; BRESIN, G.I., VASIL'YEVNA, V.M., GROSINOV, I.I.,
LEBEDEV, B.I.; PONOMAREV, V.I.; FEDOROVSKI, I.I.,
FEDOTOV, V.P.

Experimental chronic radiation sickness induced by Po ²¹⁰
Med. rad. 10 no.10:57-61 0 1964. (MIRA 18:13)

1. Submitted August 25, 1964.

L 24235-66 EWT(m)

ACC NR: AP6014671

SOURCE CODE: UR/0241/65/010/010/0057/0061

AUTHOR: Moroz, B. B.; Bezin, G. I.; Grozdov, S. P.; Lebedev, B. I.;
Vasil'yevskaya, V. G.--Vasilievskaya, V. V.; Ponomar'kov, V. I.--Ponomarkov, V. I.;
Fedorovskiy, L. L.--Fedorovsky, L. L.; Fedotov, V. P.

40
B

ORG: none

TITLE: Experimental Po sup 210 - induced chronic radiation sickness 19

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 57-61

TOPIC TAGS: polonium, radiation sickness, dog, alpha radiation, radiology

ABSTRACT: The article describes the features of the clinical course and variation of certain functions in dogs with chronic radiation sickness caused by a single subcutaneous injection of Po^{210} (0.003 microcuries per kg body weight). A prolonged initial period of relative clinical well-being was observed, with a developed picture of radiation sickness setting in only after some 3 months and with the dogs dying off individually after a period of from 128 to 310 days. The distribution of Po^{210} throughout the tissues and organs, which resulted in a constant local alpha-irradiation of the latter, evidently played a major role in the genesis of these disturbances, with gradual increment in the tissue dose, which after 6-9 months reached 1,100-1,400 rads. During the period of distinct radiation sickness the dogs displayed lethargy, lack of appetite, periodic diarrhea, and thirst, along with spontaneous bleeding of the oral mucosa and spontaneous hemorrhages of the rectum and

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UDC: 617-001.28-008.939.65

L 24235-66

ACC NR: AP6014671

urinary tract. Shortly before death, the state of the dogs sharply deteriorated; they moved with difficulty, refused food, and vomitted bile and blood. Rectal temperature rose; the pulse was quick, arrhythmic, and arterial pressure fell. With these symptoms, the dogs died. It was accompanied by deep trophic disturbances due to a combination of mechanisms, each of which by itself may cause trophic changes: disturbances in neuroendocrine regulations with insufficiency of the adrenal cortex; metabolic disorders, hemodynamic disorders, and chronic hypoxia, as well as the constant direct local effect of the alpha-emitter on the tissues. Anatomic-pathological dissection revealed that state of general dystrophy which is so characteristic of polonium poisoning and is not encountered when other radioactive isotopes pervade the organism. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 25Aug64 / ORIG REF: 009

Card 2/2dda

I 31025-66

ACC NR: AP6022952

SOURCE CODE: UR/0219/66/061/003/0059/0063

AUTHOR: Moroz, B. B.; Grozdov, S. P.; Petrovina, Ye. N. 33
B

ORG: none

TITLE: Characteristics of catecholamine metabolism in acute polonium Po sup 210 lesions 22

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 3, 1966, 59-63

TOPIC TAGS: radiation sickness, rabbit, radiation biologic effect, biologic metabolism, protein, adrenal gland, blood chemistry

ABSTRACT: The content of catecholamines and the degree of their proteinization in the adrenals, blood, and myocardium in acute radiation sickness induced by Po^{210} is reported on. The experiments were conducted on 33 male rabbits of the Chinchilla breed, weighing 2.5 - 3 kg (21 experimental and 12 control). The animals were given Po^{210} subcutaneously in a dose of 0.1 curie/kg of bodyweight, inducing acute radiation sickness and death after 3-4 weeks. Blood from the heart and organs was removed from the rabbits under hexonal narcosis. Catecholamines (adrenalin, noradrenalin, and oxidation products) in the blood, myocardium, and medullary layer of the adrenals were determined by a fluorescent-analytical method (as modified by V.O. Osinskaya). The M.P. Barts method was used to individually determine the total content of catecholamines in the free

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UDC: 617-001.28-07:616-008.944.53-07
0915 12 32

E 31025-66

ACC NR: AP6022952

fraction and fractions associated with water-soluble and water-insoluble proteins. The extent of bonding of catecholamines with proteins was represented in the form of a proteinization coefficient -- ratio of the amount of catecholamine protein bound to its total quantity, and a determination was made as to what proportion of the total amount of proteinized catecholamines (in percent) is associated with water-soluble proteins. This paper was presented by Active Member AMN SSSR P. D. Gorizontov. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 05Nov64 / ORIG REF: 015 / OTH REF: 002

Card 2/2 *YC*

POPOV, S.N.; GROZDOVA, A.T.; KHAR'KOVSKAYA, V.P.

Primary multiple gastric cancer. Vest.rent. i rad. 32 no.4:79-80
Jl-Ag '57. (MIRA 10:11)

1. Iz Tambovskogo oblastnogo onkologicheskogo dispensera (glavnyy vrach - zasluzhennyy vrach RSFSR T.M.Grosdov) i Tambovskoy oblastnoy rentgenologicheskoy stantsii (zav. S.N.Popov)
(STOMACH NEOPLASMS, case reports
primary multiple cancer)

GROZDOVA, M.D.

Lipid content of the heart muscle in experimental myocarditis.
Vop. med. khim. 10 no.5:533-538 S-C '64.

(MIRA 18:11)

1. Institut farmakologii i khimioterapii AMN SSSR, kafedra
biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta.

GROZDOVA, N.B. (Bryansk)

Flowering of the birch. Priroda 49 no.5:111 My '60.
(MIRA 13:5)

(Birch)

GROZDOVA, N.I.

Studying fruit-tree pollination in a school garden. Biol. v
shkole no.3:46 My-Je '63. (MIRA 16:10)

1. Tyumenskiy pedagogicheskiy institut.

GRODVA, N.Ya.

Variation in certain varietal characters of tomatoes as related to conditions of mineral nutrition. Dokl. AN Azerb. SSR 16 no. 11:1089-1091 '60. (MIRA 14:2)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR. Predstavleno akademikom AN AzerSSR.
(Tomatoes) (Plants, Effect of minerals on)

GROZDOVA, N.Ya.

Carbon dioxide content of the air in a ground-bed greenhouse during different developmental stages of the cucumber plant. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.6:103-108 '60. (MIRA 14:9)
(PLANTS, EFFECT OF CARBON DIOXIDE ON)
(GREENHOUSE MANAGEMENT)

GROZLOVA, T. .

"The Utilization of Drug-Induced Sleep in the Treatment of the Terminal Conditions Produced by a Lethal Loss of Blood (Experimental Study)." Cand Med Sci, Acad Med Sci USSR, Moscow 1955. (1h, no 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertation Defended at USSR Higher Educational Institutions. (1h)

GROZDOVA, T.N.

Use of medicated sleep in the treatment of terminal states caused
by blood loss. Arkh. pat. 21 no.12:36-41 '59. (MIRA 13:12)
(HEMORRHAGE) (SLEEP--THERAPEUTIC USE)

MAKARYCHEV, A.I. [deceased]; POPOVA, A.V.; GROZDOVA, T.N.

Effect of ether anesthesia and glucose on functional restoration of the higher segments of the central nervous system in excitable dogs resuscitated after fatal hemorrhages. Zhur. vys. nerv. deiat 10 no. 4:547-555 J1-Ag '60. (MIRA 14:2)

1. Laboratory of Experimental Physiology of the Revival of Organisms, U.S.S.R. Academy of Medical Sciences, Moscow.
(RESUSCITATION) (NERVOUS SYSTEM) (GLUCOSE)
(ETHER (ANESTHESIA))

GROZDOVA, T.N.

Use of artificial ventilation of the lungs in treating
asphyxia of newborn infants. Nauch. inform. Otd. nauch.
med. inform. AMN SSSR no.1:50-51 '61 (MIRA 16:11)

1. Laboratoriya eksperimental'noy fiziologii po ozhivleniyu
organizma (zaveduyushchiy - prof. V.A. Negovskiy) AMN SSSR ,
moskva.

*

NEGOVSKIY, V.A.; GROZDOVA, T.N. (Moskva)

Apparatus for artificial respiration as a therapeutic measure
in asphyxia neonatorum. Akush.i gin. no.43-10 '61.

(MIRA 15:5)

1. Iz laboratorii eksperimental'noy fiziologii po ozhivleniyu
organizma AMN SSSR (zav. -- prof. V.A. Negovskiy).

(ASPHYXIA NEONATORUM) (ARTIFICIAL RESPIRATION)

POZNYAK, A.P.; GROZDOVA, T.N.

Use of respirators for artificial respiration in the asphyxia
of newborn infants in Moscow maternity homes. *Pediatrics* 41
no.11:17-21 N°62 (MIRA 17:4)

1. Iz Moskovskogo gorodskogo otdela zdravookhraneniya (zav. -
N.S. Lapchenko) i laboratorii eksperimental'noy fiziologii po
ozhivleniyu organizma (zav. - prof. V.A. Negovskiy) AMN SSSR.

KHAYSMAN, Ye.B.; GROZDOVA, T.N.

Morphology of vascular baroreceptors in dogs after clinical death.
Biul. eksp. biol. i med. 51 no.3:110-116 Mr '61. (MIRA 14:5)

1. Iz laboratorii neyrogistologii imeni B.I.Lavrent'yeva (zav. - doktor biologicheskikh nauk Ye.K.Plechkova) Instituta normal'noy i patologicheskoy fiziologii (dir. - dyestvitel'nyy chlen AMN SSSR V.V.Parin) AMN SSSR i laboratorii eksperimental'noy fiziologii po qzhivleniyu organizma (zav. - prof. V.A.Negovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR, V.V.Parinym.

(BLOOD VESSELS--INNERVATION)
(DEATH (BIOLOGY)) (RESUSCITATION)

AID Nr. 945-11 17 April GROZDOVA, T. YA.

EFFECT OF STREPTOMYCIN ON NATURAL MUTABILITY (USSR)

Dubinina, N. P., and T. Ya. Grozdova. IN: Akademiya nauk SSSR. Doklady, v. 148, no. 6, 21 Feb 1963, 1397-1399. S/020/63/148/006/022/023

Streptomycin introduced by micropipette into the abdominal cavity or added to food of *Drosophila melanogaster* (D-18 strain) has been found to possess antimutagenic properties when used in concentrations of $2.5 \cdot 10^4$ and $5 \cdot 10^4$ γ /ml. The Muller-5 method of analysis was used to determine the effects of streptomycin on the appearance of spontaneous, sex-linked, lethal recessive, point mutations. The inhibition of mutations was obtained by streptomycin after the peak of mutability (which occurs in the post-meiotic stage) was passed, indicating either that streptomycin suppresses the natural mutagenic potential of chromosomes or that the influence of mutagenic factors, which appear before application of streptomycin, is delayed until sperm formation is completed. The data obtained indicate that the antimutagenic effect of streptomycin applies to point mutations as well as to chromosome reconstructions. Contrary to the findings of other investigators, streptomycin failed to show any protective effect against irradiation by γ -rays.

[BM]

Card 1/1

L 38260-46 REF(1)

ACC NR: AP6029724

SOURCE CODE: UR/0109/66/011/005/0966/0967

AUTHOR: Zernov, D. V.; Timofeyev, P. V.; Fursov, V. S.; Migulin, V. V.; Spivak, G. V.;
Spasskiy, B. I.; Nilender, R. A.; Grozdover, S. D.; Shemayev, A. M.; Solntsev, G. S.;
Kuzovnikov, A. A.; Zaytsev, A. A.; Vasil'yeva, M. Ya.; Mitsuk, V. Ye.; Dubinina,
Ye. M.; Zheludeva, G. A.

ORG: none

TITLE: Nikolay Aleksandrovich Kaptsov

SOURCE: Radiotekhnika i elektronika, v. 11, no. 5, 1966, 966-967

TOPIC TAGS: electric engineering personnel, magnetron, klystron, corona discharge,
gas conduction, gas discharge plasma

ABSTRACT: N. A. Kaptsov passed away 10 February 1966. He was a student of the famous P. N. Lebedev, and performed many fundamental investigations in the development of modern electronics. He was the creator and leader of the chair of electronics of Moscow State University. He developed the concept of phase grouping of electrons. His ideas are the basis for the development of the magnetron and klystron. He developed the concept explaining the phenomenon of corona discharge. He also developed ideas connected with formation of gas conduction and phenomena in a gaseous-discharge plasma. Kaptsov served for years as the head of the physical laboratory and consultant to the Moscow Electron Tube Plant. He was the author of numerous books, including "Physical Phenomena in Vacuum and in Gases, which was translated into foreign languages; he also created and taught numerous electronics courses. [JPRS: 36,501]

SUB CODE: 05, 09 / SUBM DATE: none

Card 1/1/1/1/P

0918 0203

GROZDOVER, S.D.

MICROWAVES

"Mutual Synchronization of Reflex Klystrons Without Discontinuities in Amplitude and Frequency", By R.B. Braginskiy, S.D. Grozdover, A.S. Gorahkov, and I.T. Trofimenko, Radiotekhnika i Elektronika, No 8, August 1957, pp 1048-1052.

The purpose of this experimental investigation was to obtain a wide band of electronic frequency retuning. The authors have established the region of the values of fundamental parameters, in which klystrons operate in synchronism without discontinuities in amplitude and frequency of the generated oscillations. The resultant range over which electronic frequency detuning is possible is three times greater than obtained with a single klystron. Although the simultaneous operation of klystrons was already considered previously by Abdel Dayen (Synchronization of Reflex Oscillators, Zhurich, 1953), the mutual synchronization studied there was under identical transit angles, and the purpose of that investigation was an increase in the general output power in the center of the oscillation region. The problem of extending the range of electronic returning of the generated frequency was not touched upon there at all.

Card 1/1

- 40 -

GROZDOVER, S.D.; SOLODAR, G.G.

Characteristic TWT equation for average currents. Izv. vys. ucheb. zav.; radiofiz. 2 no.2:229-243 '59 (MIRA 13:3)

1. Moskovskiy gosudarstvennyy universitet.
(Electric currents)

GROZDYK, G.P.; ANDRIANOV, N.F.

Blanks for drawing micron-diameter wires. Metiz.proizv.no.1:89-96.
'56. (MLRA 10:2)

1. Beloretskiy staleprovolochnyy zavod.
(Wire)

L 31734-66 T DJ

ACC NR: AP6021175

SOURCE CODE: RU/0007/65/016/03-/0234/0246

AUTHOR: Krilovici, N. (Engineer); Danilov, B. (Engineer); Cristescu, M. (Engineer);
Groze, A. (Engineer); Dima, C.; Mitacu, A.; Stan, I.

ORG: none

TITLE: Possibilities of manufacturing multigrade oils in the Rumanian People's Republic

SOURCE: Petrol si gaze, v. 16, no. 3-4, 1965, 234-246

TOPIC TAGS: petroleum product, petroleum refining, fuel and lubricant additive

ABSTRACT:

The authors discuss laboratory tests performed with a view to the manufacture in Rumania of the multigrade oils SAE 10w-30 HD and SAE 20w-40 HD from Rumanian raw materials plus imported additives. The multigrade oils produced in the laboratory were found to have characteristics similar to those of imported oils of the same type, leading to the conclusion that their manufacture in Rumania is possible and advantageous.

Orig. art. has: 11 figures and 11 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / OTH REF: 004 / SOV REF: 001

Card 1/1/45

L 42230-66

ACC NR: AP6031971

SOURCE CODE: RU/0003/66/017/001/0032/0034

AUTHOR: Ruseu, R.; Petrus, F.; Grosa, C.; Pilotti, Tr.; Gothard, Fr.

25
B

ORG: none

TITLE: Influence of some parameters on the synthesis process of A-type molecular sieves

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 32-34

TOPIC TAGS: zeolite, molecular sieve, aluminate, silicate

ABSTRACT: After briefly surveying published data concerning the synthesis of A-type molecular sieves from aqueous silicate and aluminate solutions, the authors present the results of their studies concerning the influence of the synthesis parameters of such sieves on the properties of the resulting zeolite. The chemical, structural and sorbent properties of molecular sieves produced under optimal conditions were found to be on a level with the best similar products mentioned in the literature of other countries. Orig. art. has: 4 figures. [Based on authors' Eng. abst.]
[JPRS: 36,002]

SUB CODE: 07 / SUM DATE: none / ORIG REF: 001 / SOV REF: 008
OTH REF: 013

UDC: 661.183.6.001.2

Card 1/1 *HL*

2879 0256

RUMANIA

DEAC, R., Dr, Lt-Col, GROZEA, D., Dr, Lt-Col, PETCA, Gh., Dr, Lt-Col, and MAIOROV, M., Dr, Maj [affiliation not given]

" Acute Surgical Abdomen of Hydatid Etiology."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66, pp 279-284.

Abstract: The authors present two cases of hydatid infestation and discuss the diagnosis and treatment of the condition, pointing out the importance of recognizing it before it develops into generalized acute peritonitis. It is emphasized that military units with large numbers of recruits from rural areas are more likely to encounter such cases than city practices. Includes 8 references, of which 4 Rumanian and 4 French. -- Manuscript submitted 21 August 1965.

1/1

Let's develop the 1963 experience. Constr Buc 16 no.734:2
1 F'64.

1. Directorul Fabricii de teracota, Bistrita.

GROU, V. M. N., G.

points of the third order. Studia Univ. B. S. Math-Phys 10 no. 1:
'65.

GROZEA, Gh., correspondent; FERARU, Ion, correspondent; PARBAT, Ioan, correspondent;
FLORIAN, H., correspondent; IONESCU, Flavia, int. correspondent; LAZARU,
Gheorghe, correspondent

The workers received their new tasks with enthusiasm. Constr Buc 17
no.782:1 5 Ja '65.

GROZEA, L.

"Rumanian review of technology." Reviewed by L.Grozea. Electrotehnica
12 no.12:475 D '64.

First Session of Technical and Scientific Communications at the Resita
Plant for Machine Constructions. Ibid.:481-482

GROZEA, L.

Technical and Scientific reports of the first meeting of the
Resita Plant for Machine Constructions. Const. mas 16 no.12:706
D '64.

DUICE, M.; MARINESCU, Sp.; GHOZEA, P.

Clinical and therapeutic aspects of several unusual cases of malignant blood diseases. Med. int., Bucur. 9 no.6:890-895 June 57.

1. Lucrare efectuata in Clinica medicala a Spitalului, "Colentina"
(Director: acad. N. Gh. Iupu).
(LEUKEMIA, MYELOCYTIC, case reports
atypical cases)
(LYMPHOID TISSUE, neoplasms
atypical cases of reticulosis)

LUPU, N. Gh., acad.: MIHAIESCU, C.: PAPAZIAN, R.: GROZA, P. MIHAIESCU, Edith:
MARCUS, N.

Modifications of the hydric compartments in hypertonic patients
put on a low sodium diet. Rumanian M. Rev. 3 no. 3:56-59 JI.-S '59.

1. Therapeutic Institute of the R.P.R. Academy.
(HYPERTENSION, nutrition & diet)
(DIET, SALT FREE)
(SODIUM)
(WATER, metabolism)

STOICA, Gh.; STOICHITA, M.; GEHORGHIU, M.; GROZEA, P.

Study of methods of obtaining an antiglobulin serum (Coombs serum) with great agglutinating power. Probl. ter., Bucur. 10 no.1:73-78 1959.

(IMMUNE SERUMS

antiglobulin serums of great agglut. power, prep)

GROZEA, P.; MAINESCU, Speranta; VELICAN, Doina; SIGHETEA, Elena

Preliminary observations concerning the interrelations between the clinicohematological stage of lymphadenosis and the histochemical aspect of the lymphatic glands. Probl. ter., Bucur. 10 no.2:89-93 '59.

(LEUKEMIA, LYMPHOCYTIC, pathology)
(LYMPH NODES, chemistry)

POPESCU, Iuliu; ENESCU, Viorica; GROZEA, P.

Cardiac findings of a leukemic nature. Probl. card., Bucur. 4:
127-152 '59.

(LEUKEMIA, pathology)

(HEART, pathology)

STOICA, Gh.; STOICHITA, M.; GHEORGHIU, M.; GROZEA, P.

Contribution to the problem of obtaining an anti-globulin serum
(Coombs serum) with great agglutinating power. Probl. ter. 10 no.1:
73-78 '59.

(IMMUNE SERUMS)

GROZEA, P.; MARINESCU, Speranta; OLARU, Cornelia; SIGHETEA, Elena

On the interrelations between sarcomas of the reticulo-histiocytic system and blood changes of the leukemic type. Stud. cercet. med. intern. 2 no.1:63-68 '61.

(SARCOMA, RETICULUM CELL etiology)
(LEUKEMIA etiology) (RETICULOENDOTHELIOSIS blood)

MICU, D.; VELICAN, C.; GROZEA, P.; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia;
MATEESCU, Despina

Contribution to the cytological and enzymocytochemical study of normal
and pathological lymph nodes. IV. Lymph nodes in reticulosarcomas and
lymphosarcomas. Stud. cercet. med. intern. 2 no.5:681-692 '61.

(SARCOMA, RETICULUM CELL chemistry)
(LYMPHOSARCOMA chemistry)
(LYMPH NODES chemistry)

GEORGESCU, A.; VULPESCU, Sonia; PETRESCU, M.; GEIB, R.; GROZEA, P.;
DUMITRIU, L.

Unusual radiological aspects of malignant reticulosis. (Pulmonary
localizations of malignant lymphogranulomatosis). Stud. cercet.
med. intern. 2 no.3:341-349 '61.
(LUNG NEOPLASMS radiography) (HODGKIN'S DISEASE radiography)

MICU, D.; GROZEA, P.; SAFIRESCU, Eugenia; MAXIMILLIAN, Stefania;
GOCIU, Mariana; MATEESCU, Despina

Contribution to the cytological and enzyme-chemical study of the
normal and pathological lymph node. The lymph node in acute
inflammation. Stud. cercet. med. intern. 2 no.3:351-359 '61.
(LYMPH NODES pathology) (ENZYMES chemistry)
(INFLAMMATION pathology)

MICU, D.; GROZEA, P.; MAXIMILLIAN, Stofania; SAFIRESCU, Eugenia; GOCIU,
Mariana; MATEESCU, Despina

Contribution to the cytological and enzymological study of normal
and pathological lymph nodes. III. Lymph nodes in chronic inflammation. Stud. cercet. med. intern. 2 no.4:527-537 '61.

(LYMPH NODES pathology) (ENZYMES chemistry)

(INFLAMMATION pathology)

PETRESCU, M.; OLARU, C.; SIGHETEA, E.; GELB, R.; GROZEA, P.; GEORGESECU, A.;
VULPESCU, S.

Clinical forms of malignant lymphogranulomatosis. Stud. cercet. med.
intern. 2 no.6:801-809 '61.
(HODGKIN'S DISEASE)

MIHAESCU, C.; MIHAESCU, Edith; GROZEA, P.

Serum glycoproteins in malignant blood diseases. Stud. cercet. med.
intern. 2 no.6:823-831 '61.
(LEUKEMIA, MYELOCYTIC blood) (LEUKEMIA, LYMPHOCYTIC blood)
(HODGKIN'S DISEASE blood) (GLYCOPROTEINS blood)

MICU, D.; GROZEA, P.; MAXIMILLIAN, Stefania; SAFIRASCU, Eugenia;
GOCIU, Mariana; MATEESCU, Despina

Contribution to the cytological and enzyomo-cytochemical study of
the normal and pathological lymph node. I. The normal lymph node.
Stud. cercet. med. intern. 2 no.2:219-226 '61.

(LYMPH NODES chemistry) (ENZYMES chemistry)
(LIPIDS chemistry) (GLYCOGEN chemistry) (NUCLEIC ACIDS chemistry)

LUPU, H.Gh., academician; GROZEA, P.; ZAMFIRESCU-GHEORGHIU, Marcela; OLANU,
Cornelia; SIGHETEA, Elena

Contribution to the study of aldolase in the blood in some malignant
hemopathies. Stud. cercet. med. intern. 2 no.3:325-329 '61.
(ALDOLASE blood) (LEUKEMIA, MYELOCYTIC blood)
(HODGKIN'S DISEASE blood) (LEUKEMIA, LYMPHOCTIC blood)

VELICAN, C.; MICU, D.; GROZEA, P.; GOCIU, Mariana

Histochemistry of the glucido-protein complexes in malignant blood diseases. II. Research on reticulosis, reticulosarcoma and lymphosarcoma. Stud. cercet. med. intern. 2 no.4:519-525 '61.
(LYMPHOMA chemistry) (SARCOMA, RETICULUM CELL chemistry)
(LYMPHOSARCOMA chemistry) (MUCOPOLYSACCHARIDES chemistry)
(MAST CELLS chemistry) (LYMPH NODES chemistry)
(GLYCOPROTEINS chemistry)

MICU, D.; VELICAN, C.; GROZEA, P.; MIHAILESCU, Eugenia; MAXIMILLIAN, Stefania;
MATEESCU, Despina

Contribution to the cytological and enzyme-cytochemical study of
normal and pathological lymph nodes. V. Lymph nodes in malignant
lymphogranuloma. Stud. cercet. med. intern. 2 no.6:n.p. '61.
(HODGKIN'S DISEASE pathology) (LYMPH NODES chemistry)
(ENZYMES chemistry) (CYTOLOGY)

GHIB, R.; SIGHETEA, Elena; PETRESCU, M.; GROZEA, P.; ROXIN, T.

Comparative study of different therapeutic methods in malignant lymphogranuloma (Hodgkin's disease). Stud. cercet. med. intern. 3 no.1:95-111 '62.

(HODGKIN'S DISEASE therapy) (ANTINEOPLASTIC AGENTS therapy)
(ADRENAL CORTEX HORMONES therapy) (RADIOTHERAPY)

MICU, D.; VELICAN, C.; GROZEA, P.; MIHAILESCU, Eugenia; MAXIMILLIAN, Stefania;
MATEESCU, Despina

Contributions to the cytological and enzymocytochemical study of
normal and pathological lymph nodes. VI. Lymph nodes in leucosis.
Stud. cercet. med. intern. 3 no.3:357-366 '62.
(LYMPH NODES chemistry) (LEUKEMIA chemistry)
(CYTODIAGNOSIS)

GEIB, R.; PETRESCU, M.; GROZEA, P.; SIGHETEA, Elena; OLARIU, Cornelia;
ROXIN, T.

Contribution to the therapy of neoplastic reticulopathies. Stud.
cercet. med. intern. 3 no.5:623-630 '62.

(LYMPHOSARCOMA)	(SARCOMA, RETICULUM CELL)
(LYMPHOMA, GIANT FOLLICULAR)	(MULTIPLE MYELOMA)
(RETICULOENDOTHELIOSIS)	(ANTINEOPLASTIC AGENTS)
(ADRENAL CORTEX HORMONES)	(RADIOTHERAPY)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.; GOCIU, Mariana;
SIGHETEA, Elena; CIOBANU, Florina

Contribution to the study of serum pyruvic acid in some malignant
blood diseases. Stud. cercet. med. intern. 3 no.6:749-753 '62.

(PYRUVATES) (LEUKEMIA) (HODGKIN'S DISEASE)
(MULTIPLE MYELOMA) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA) (MYXOSARCOMA)

GOCIU, Mariana; VELICAN, C.; GROZEA, P:

Histochemistry of the glycoprotein complexes in malignant hemopathies.
III. Research on intramastocytic acid mucopolysaccharides in acute and
chronic leukoses. Stud. cercet. med. intern. 4 no.1:93-96 '63.
(LEUKEMIA) (DIAGNOSIS) (MAST CELLS)
(LYMPH NODES) (MUCOPOLYSACCHARIDES) (GLYCOPROTEINS)
(HISTOLOGICAL TECHNIQS)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.;
MIHAILESCU, Eugenia; GOCIU, Mariana; SIGHETEA, Elena

Contribution to the study of glutathionemia in some malignant
hemopathies. Stud cercet med intern 4 no.3:361-366 '63.
(GLUTATHIONE) (LEUKEMIA) (HODGKIN'S DISEASE)
(RETICULOENDOTHELIOSIS) (ERYTHREMIC MYELOSIS)
(ANEMIA, MYELOPHTHISIC) (ANEMIA, ERYTHROBLASTIC)
(MULTIPLE MYELOMA) (ANGIOSARCOMA)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.;
GOCIU, Mariana; SIGHETEA, Elena

Research on some enzyme tests in several malignant hemopathies.
Stud. cercet. med. intern. 4 no.4:483-487 '63.

(HODGKIN'S DISEASE) (LEUKEMIA)
(ERYTHREMIC MYELOSIS) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA)

LUPU, N.Gh.; academician; MICU, D.; MIHAILESCU, Eugenia; MAXIMILIAN,
Stefania; GROZEA, P.; GOCIU, Mariana; SIGHETEA, Elena

Cytomorphology and cytoenzymochemistry in experimental
leukosis. I. Some preliminary considerations on human
leukosis and experimental leukosis. Stud cercet med intern
4 no.3:387-391 '63.

(LEUKEMIA) (BLOOD CELLS) (BONE MARROW) (ENZYME TESTS)
(OXIDASES) (PEROXIDASES) (PHOSPHATASES)
(GLYCOGEN) (RNA)

GROZEA, P.; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia; GOCIU, Mariana

Clinical aspects and cyto-enzymo-chemical disorders of the
leukocytes during leucoses. Stud. cercet. med. intern. 4 no.4:
489-495 '63.

(LEUKEMIA, MYELOCYTIC) (LEUKEMIA, LYMPHOCYTIC)
(LEUKEMIA) (ENZYME TESTS)
(BONE MARROW EXAMINATION) (PEROXIDASES)

PETRESCU, M.; OLARU, Cornelia; SIGHETEA, Elena; GROZEA, P.; GEIB, R.;
GOCIU, Mariana

Study of the clinical forms of malignant reticulosis. Stud.
cercet. med. intern. 4 no.6:781-793 '63

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GROZEA, P.; ZAMFIRESCU-GHEORGHIU, M.; GOCIU, M.;
GEIB, R.; SIGHETEA, EL.

Contributions to the study of serum protein modifications
in certain malignant hemopathies. Rev. sci. med. 8 no. 12:
35-49 '63.

(BLOOD PROTEINS) (LYMPHOMA) (MACROGLOBULINEMIA)
(LEUKEMIA, LYMPHOCYTIC) (ANEMIA, MEYLOPHTHISIC)

STOICA, GH.; GOCIU, Mariana; GROZEA, P.

Multiple myeloma with an M component of the Bence-Jones immunological type and alpha-2 electrophoretic mobility. Stud. cercet. med. intern. 5 no.6:641-647 '64.

BERCEANU, St, dr.; GEIB, R., dr.; GROZEA, P. dr.; GOCIU, Mariana, dr.;
SIGHETEA, Elena, dr.

Current problems in chemotherapy and hormone therapy of ma-
lignant hemopathies. Med. intern. (Bucur.) 16 no.6:685-693
Je'64.

1. Lucrare efectuata in Institutul de medicina interna al Aca-
demiei R.P.R. si M.S.P.S. (director: acad. N.Gh.Lupu).

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of malignant lymphoproliferative disease. Stud. West. Aust. Univ. J.
no. 3: 23-26 (1971).

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Changes in some indicators of the functional state of the cerebral cortex during the training of athletes [with summary in English]
Fiziol.zhur. [Ukr.] 3 no.1:38-46 Ja-F '57. (MLRA 10:3)

1. Institut fiziologii im. O.O.Bogomol'tsya Akademii nauk URSS,
laboratoriya vishchoi nervovoi diyal'nosti
(ATHLETES) (CEREBRAL CORTEX)

GROZEV, D.

"Mixing machine for insulation pulp for locomotives."

p. 42. (Transportno Delo, Vol. 10, No. 4, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec 58

OTC, V, D.; S AMI HOW, S.

The floods of the Maritsa River. p.33
Khidroteknika I Melioratsii Vol. 3, No. 2, 1958. Sofia Bulgaria

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10,
Oct. 58

GROZEV, D., inzh.; VACHKOV, G., agr.

New makes of light irrigation implements. Khidrotekh i melior
6 no.10:317 '61.

GROZEV, Dimitur, inzh.

Interdependences at the practical use of the small stock in irrigation. Khidrotekh i melior 7 no.5:156-157 '62.

VASILEV, Vasil, inzh.; GROZEV, Dimitur, inzh.

Possibilities of using the land flooded by reservoirs. Khidro-
tekh i melior 8 no.3:85-85 '63.

GROZEV, Dimitur, inzh.

Standardized measures of the packings for efficient utilization of
the platform of pallets. Ratsionalizatsiia 11 no.9:30-36 '61.

(Loading and unloading)

LAZAROV, Todor, 1924.; GUR'EV, Vladimir, 1924.

Some impressions from the Working Combine of Virgu Jiu,
Romania. Daryomebi prava 5 no.6:21-23 N-D '62

GROZEV, Dimitar, inzh.

Second Plenary Session of the Technical Committee 99,
International Standards Association, on Half-Finished Wood
Products. Ratsionalizatsia 13 no.6:38 '63.

GROZEV, D.

Conference for unification of formats in polygraphic production. Ratsionalizatsia 13 no.11:36-37 '63

GROZEV, D., Inzh.

A conference on unification. Ratsionalizatsia 14 no. 2:34-
35 '64.

Infectious Diseases

BULGARIA

MANOILOV, G., Lieutenant Colonel of the Medical Service, ILIEV, T., Colonel of the Medical Service, LYUTSKANOV, K., Captain of the Medical Service, VASILEV, V., Major of the Medical Service, and GROZEV, G., Senior Lieutenant of the Medical Service

"Occurrence of Q-Fever in the N Detachment in the City of Stara Zagora"

Sofia, Voенно Meditsinsko Dolo, Vol 21, No 5, Oct 66, pp 38-43

Abstract: In March 1965 there were 24 cases of Q-fever among members of the N detachment, which was in field training in the vicinity of Stara Zagora. Eight of the cases were severe and 20 were accompanied by pneumonia. An investigation showed that the focus of infection was a sheep breeding farm at which 64 members of the detachment slept. Twenty of those who slept at the farm caught the disease. A number of sheep at the farm were affected by mastitis, and bortions or were sterile. A serological investigation indicated that 62.5% of these sheep had antibodies against R. burnetti in their blood. Fourteen of the persons infected had a raised temperature for periods up to 45

1/2

GROZEV, Groziu Iv.

Contribution to the study of fish industry in Bulgaria Sofia, Bulgarska Akad.
na naukite, 1952. 135 p. (Nauchno-populiarna reditsa)

TIROVSKA, St.; GROZEV, G.

Accelerated inter-row cultivation of maize. Izv mekh selsko
stop BAN no. 2:65-79 '62.

KUSEV, G., inzh.; GROZEV, G., inzh.

Some peculiarities in the internal re boring and polishing of the
L > 4000 mm. and D > 600 mm. long hydraulic cylinders.
Mashinostroene 12 no.1:26-27 Ja '63.

1. Zavod "Khr. Smirnenki", Sofia.

GROZEV, G., inzh.

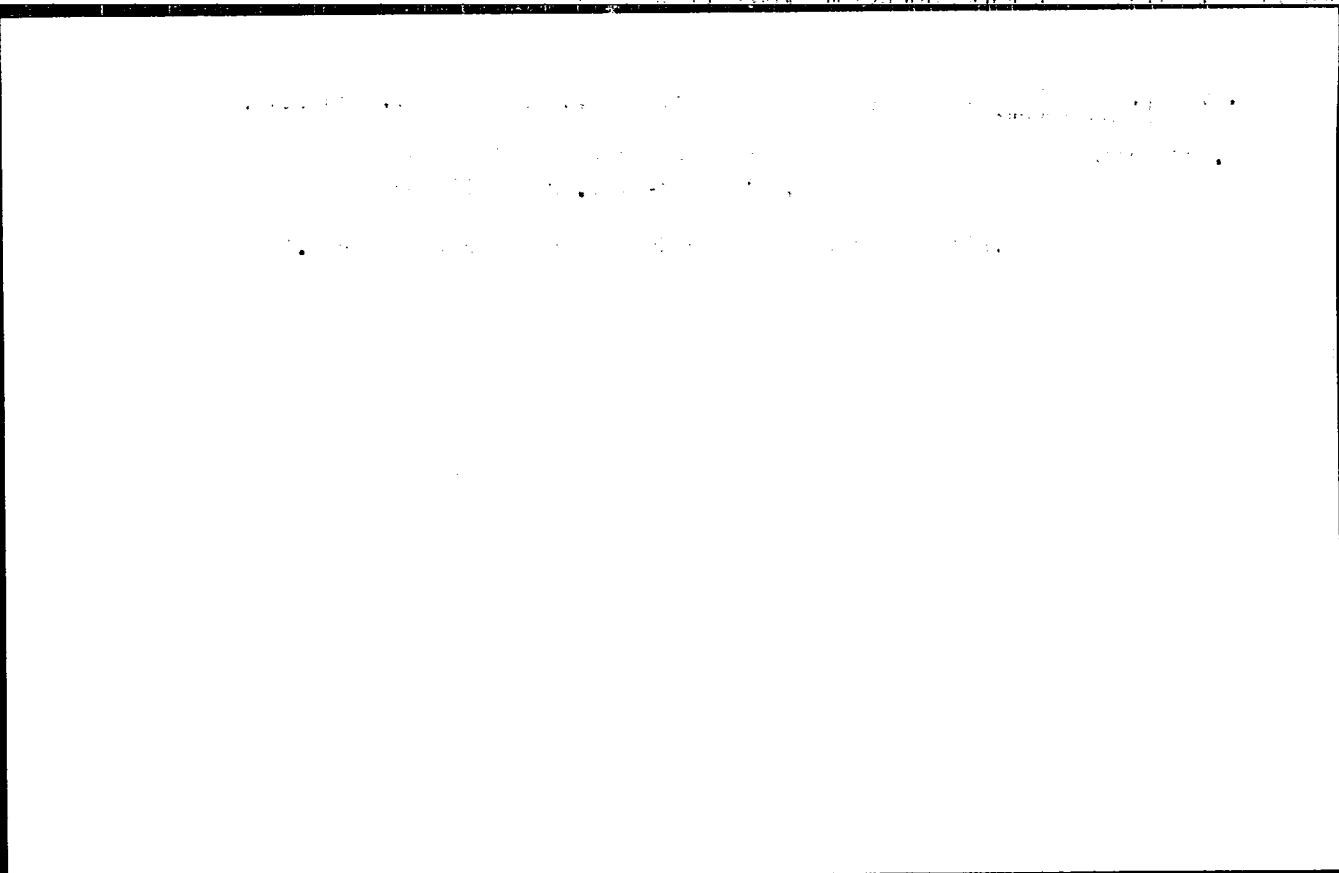
A device for measuring the angles of shovel shaped hydraulic machines. Mashinostroene 12 no.6:38 S '63.

1. Mashinno-elektrotekhnicheski institut.

GROZEV, Groz'ov, inzh.

Methods of dimensioning radial blade gratings, and determining speed distribution along the blade profile. Tekhnika Bulg 13 no.8:15-18 '64.

1. Machinery and Electrotechnical Institute, Sofia.



GROZEV, I.

"Improving the Quality of Paper", P. 54, (TESHKA PRGMISHLENGST,
Vol. 3, No. 4, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 6, June 1955, Uncl.

Source : 01711
Institute : Institute of Chemical Technology, Central Institute of
Inorganic Substances, Moscow
Pub. Year : Dokl. Akad. Nauk SSSR, 1978, No 7, 226-227

Author : Prozov, L.
Institut. : -

Title : Use of Inorganic Salts Together with Zinc
Phosphate and Ferric Oxide as Anticorrosion
Paint

Orig. No. : Dokl. Akad. Nauk SSSR, 1978, No 7, 226

Abstract : Described is the paint "Korroz 270" prepared on
the base of inorganic substances (composition:
 $Zn_3P_2O_8$ about 50%, Fe_2O_3 about 15%, ZnO 14-15%,
 Al_2O_3 about 1.5%, CaO and $Ca(OH)_2$ up to 2.5%), which
are used as pigments with the addition of $ZnCrO_4$
as corrosion inhibitor. The specific gravity of
the paint is 1.70 g./l. and the covering capacity
10-15 g./m². Compared with ZnO paint, this
paint has the advantage of being non-toxic.-- V.
Lavinson

Card: 1/1

11-737

VODENICHAROV, Ye.I., ATANASOV, A.P., KUS'OVA, A.B., KALAMAROV, V.I., GROZEV, N.D.

Working capacity of nonhospitalized patients [with summary in French]
Zhur.nevr. i psikh. 58 no.8:991-994 '58 (MIRA 11:9)

1. Okrzhnoy psikhonevrologicheskiy dispanser, Stara-Zagora,
Bolgariya.

(EPILEPSY, physiology,
working capacity (Rus))

(WORK,
capacity in epilepsy (Rus))

GROZEV, P:

"Impressions and Lessons From the All-Union Agricultural Exhibition
In Moscow", P. 385. (GORSKO STOPANSTVO, Vol. 10, No. 9, Nov. 1954,
Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EAL), LC, Vol. 4,
No. 6, June 1955, Uncl.

GRCZEV, P.; PETKOV, I.

Protection and preservation of the forests, a duty of all citizens. p. 125.
(GORSKO STOPANSTVO, Vol. 13, no. 3, Mar. 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

GROZEVA, P.

"Following the Work of Justi Bogirova", P. 20, (KOCHEMETVINO ZEMELIE,
Vol. 9, No. 2/3, 1954, Sofiya, Bulgaria)

SC: Monthly List of East European Accessions, (SEAI), LC, Vol. 4, No.
1, Jan. 1955, Uncl.

KAMZOLKIN, V.V.; BASHKIROV, A.N.; KHOTIMSKAYA, M.I.; GROZHAN, M.M.;
YEZHENKINA, G.M.

Synthesis of aliphatic C₆ - C₁₀ alcohols by the liquid phase
oxidation of paraffins under pressure. Neftekhimia 1 no.2:
244-254 Mr-Apr '61. (MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Alcohols) (Oxidation) (Paraffins)

KOROLEV, A.Ya.; ZHEREEKOV, S.K.; BORISOVA, F.K.; MEDVEDEVA, A.M.;
GROZHAN, Ye.M.

Bonding of fluoroplast 4 to rubber. Plast.massy no.5:37-39 '62.
Plast.massy no.5:37-39 '62. (MIRA 15:4)
(Fluoroplast) (Rubber) (Adhesion)

BOGAYEVSKIY, A.P.; ZHEREBKOV, S.K.; GROZHAN, Ye.M.; CHELMODEYEV, A.D.

Investigating the chemical stability of some natural rubbers
and rubber goods produced on their base. Kauch.i rez. 21
no.12:11-14 D '62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
(Rubber—Testing)

ZHEREBKOV, S.K.; MAYOROVA, A.S.; GROZHAN, Ye.M.; KONDORSKAYA, V.A.

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the action of chemical media. Standartizatsiia 26 no.2:37-38
F '62. (MIRA 15:2)

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