

BUJKO, Klaudia; ZAPASNIK-KOBIERSKA, Halina

Treatment of exudative tuberculous pleurisy by local hydrocortisone administrations in children. *Gazeta Lekarska* 29 no.3:205-212. Mar '61.

1. Z Kliniki Terapii Dzieci AM w Warszawie Kierownik: prof. dr med. H. Brokman.

(TUBERCULOSIS PULMONARY in inf & child)  
(HYDROCORTISONE ther)

KOBIERSKA, Maria Halina; BUJKO, Klaudia

Causes and results of late diagnosis of tuberculosis in infants and small children. Gruzlica 29 no.5:415-425 My '61.

1. Z Kliniki Terapii Dzieci AM w Warszawie Kierownik: prof. dr med. H. Brokman.

(TUBERCULOSIS in inf & child)

BROKMAN, Henryk; BUJKO, Klaudia

Prolonged intravenous administration of novocaine in tuberculous meningoencephalitis. Gruzlica 30 no.10:909-912 '62.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie Kierownik:  
prof. dr med. H. Brokman.

(PROCAINE) (TUBERCULOSIS, MENINGEAL)  
(TUBERCULOSIS IN CHILDHOOD)  
(INJECTIONS, INTRAVENOUS)

BROKMAN, Henryk; BUJKO, Klaudia; TAYTSCH, Zofia

Viral meningitis in encephalomeningitis tuberculosa. (Preliminary communication). *Pediat. Pol.* 39 no.2:105-110 F'64.

1. Z Kliniki Terapii Chorob Dzieci ~~M~~ (kierownik: prof.dr. med. H. Brokman) i z Zakladu Wirusologii PZH (kierownik: prof. dr.med. F. Przesmucki).

\*

BUJKO, Elandia; KRUC, Stanislaw; MICHALOWICZ, Roman

Pleural chylothorax in a child with lymph node tuberculosis.  
Pediat. Pol. 39 no.8:961-964 Ag '64

1. Z Kliniki Terapii Chorob Dzieci Akademii Medycznej w  
Warszawie (Kierownik: prof. dr. med. M.H.Zapasnik-Kobierska).

OCHOCKA, Maria; BUKKO, Klaudia; KAMINSKI, Zdzislaw

Di Guglielmo's disease or erythroblastic reaction in miliary tuberculosis. Pediat. Pol. 39 no.6:691-697 Je '64.

1. Z Kliniki Terapii Chorob Dzieci Akademii Medycznej w Warszawie (Kierownik: doc. dr med. H. Kobierska), i z Zakladu Anatomii Patologicznej przy PSI nr 3 (Kierownik: dr Z. Kaminski).

BUJKO, Klaudia; ZAPASNIK-KOBIERSKA, Maria Halina; MALISZEWSKA, Zofia;  
KOSTRZENSKI, Wladyslaw

Primary drug-resistance to principal antitubercular agents  
used in children. *Pediat. Pol.* 40 no.8:773-780 Ag '65.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie (Kierownik:  
prof. dr. med. M. H. Zapasnik-Kobierska) i z Wojewodzkiej  
Przychodni Przeciwgruzliczej w Warszawie (Dyrektor: dr. med.  
J. Gackowski).

SZCZYPIORSKI, Kazimierz; TOMASZEWSKA, Elzbieta; BUJKO, Klaudia.

Bronchoscopic results in cases of obstructive emphysema in primary tuberculosis in infants and small children. Gruzlica 33 no.8: 657-663 Ag ' 65.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie (Kierownik: prof. dr. med. H. Zapasnik-Kobierska) i z Dzialu Laryngologii Zespolu Klinik Pediatrycznych AM w Warszawie (Kierownik: dr. med. K. Szczypiorski).



BUSJNEMICZ, J.

Problem of centralizing departmental transportation. p. 165

SO: East European Accessions List (EEAL). LC. Vo. 4 N. 11 Nov. 1955 uncl.

HUJNIEWICZ, J.

HUJNIEWICZ, J. Standard market prices of fuels and oils. p. 367.

Vol. 10, No. 12, Dec. 1955

MATERIAŁY BUDOWLANE

TECHNICZNY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

BUJNIEWICZ, J.

Taxicals in Budapest. P. 250  
MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)  
Warszawa Vol. 10, no. 8, August 1955

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

BUJNIEWICZ, J.

Some remarks concerning organization of repairs by exchanging accessories.  
P. 41  
MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)  
Warszawa Vol. 11, no. 2, Feb. 1956

SOURCE: FIAL LC Vol. 5, no. 7, July 1956

BUJNIEWICZ, Jozef, mgr

Remarks on the realization of a network of factory centers for  
technological and economic information. Przegl techn no.5:4,5  
31 Ja '62.

BUJNIEWICZ, J., mgr

Scientific, technological, and economic information on  
automobile transportation. Przegl techn 85 no. 27:8  
5 J1 '64.

BUJNIEWICZ, Jozef

Diagnostics in technical service for vehicles. Techn motor  
15 no.1:21-22 Ja '65.

1. Automobile Transportation Research Center, Warsaw.

BUSNI 0107, Josef, mgr

The manager of the enterprise works in the industrial sector of the  
factory. (Mog) techn 36 no.12:4 21 12 165.



BUJNIEWICZ, Aldgine, mgr inz.; WISNIA, Michal, mgr inz. (2000)

Characteristics of aluminum magnesium alloys used in ship construction. Rd okretowe Warszawa 9 no. 5176-171 by 184

WINCZA, Michal, mgr inz.; BUJNIEWICZ, Zbigniew, mgr inz. (Gdansk)

Weldable aluminum alloys in shipbuilding. Przegl spaw 16  
no. 1: 24-26 Ja '64.

BUJNIEWICZ, Zbigniew, mgr inz.; WINOZA, Michał, mgr inz. (Gdańsk)

Production of welded ship structures of light alloys. Bud okrętowe  
Warszawa 10 no. 15-18 Ja '65.

WINCZA, Michal, mgr inz.; BUJNIEWICZ, Zbigniew, mgr inz.

Automation of welding light alloy structures. Przegł spaw 17  
no.4:98-102 Ap '65.

PTA. BujNOWSKI, W.

7

1489 656.25  
Bujnowski W., Oklenczyk W. Carriage of Packages in Excess of  
Loading Limits.

"O przewozach przesyłek z przekroczoną skrajnią ładunkową"  
Przebieg Kolejowy, No. 10, 1951, pp. 385—389, 8 figs.  
Definition of packages which exceed load limit. Intricate profile  
loads. Special load limiting equipment at railway stations. Trucks  
fitted with control frames, and method of using them. Carriage of  
long and high packages, in the case of which provision must be  
made, according to the length and radii of curves along the line.  
for additional limit excess on curves. Diagrams showing additional  
limit excess according to curve radii and wheel base of rolling  
stock. Examples, facilitating qualification of packages for trans-  
port, of means for determining the computation width of packages

BUJNOWSKI, W.

BUJNOWSKI, W. Traffic capacity of sections of railroad lines in case of  
unequal traffic. p. 419.

Vol. 7, No. 11, Nov. 1955

PRZEGLAD WZROJOWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

BUJNOWSKI, Wacław

First order base gravimetric network of Poland. Przegl geol 9 no.10:  
524-526 '61.

i. Instytut Geologiczny, Warszawa.

(Gravimeter(Geophysical instrument))

BUJNOWSKI, Waclaw

Research results with the Askania GS 11 gravimeter and its accuracy in the light of measurement results of 1st 2d degree base networks. Kwartalnik geol 6 no.4:746-747 '62.

1. Zaklad Geofizyki, Instytut Geologiczny, Warszawa.



L 01915-67 T RO/JK

ACC NR: AP6035155

(A) SOURCE CODE: PO/0081/65/019/002/0216/0218

BUJNOWSKI, Zbigniew, KARWOWSKA, Krystyna; SZYMAJDA-KOLLOTO, Barbara and MASKOWSKA-IWANICKA, Danuta; Clinic of Infectious Diseases of the Medical Academy (Klinika Chorob Zakaznych AM), Bialystok, and Regional Sanitary and Epidemiologic Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna) Bialystok.

21  
B

"Epidemiologic Analysis of Mass Outbreaks of Poisoning in the Territory of the Bialystok Wojewodztwo 1953 to 1963."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; p 216-218.

Abstract: Review of 59 outbreaks involving 929 patients, with hospitalization necessary for 347 of these; 9 of the latter died of the disease. The data regarding the number of outbreaks and persons involved are given for each year; causative organisms and food involved are discussed, as well as diagnostic methods. Most cases were due to home-processed meat products; occurrence was seasonal mainly May to October; only one case was due to ice cream. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists.

Krakow, 5-6 Oct 64. [JPRS]

TOPIC TAGS: epidemiology, therapeutics

SUB CODE: 06 / SUBM DATE: none

Card 1/1 blg

0927 1545

BUJOK, A.

"Degreasing metals." p. 24  
(Mechanik, Vol 25 No 1 Jan 53 Warszawa)

SO: Monthly List of East European Accessions. Vol 2 No 9 Library of Congress Sent. 53 Incl

BUJOK, A.

"Technical Manufacturing Processes Applied To The Treatment Of Plastics" p. 151.  
"A Chuck For Holding Bevel Gears When Polished" p. 154. (Mechanik, Vol. 26, no. 4,  
Apr. 1953, Warszawa)

East European Vol. 3, No. 2,

SO: Monthly List of ~~Accessions~~ Accessions,/Library of Congress, February, 1954 ~~1953~~, Uncl.

BUJOK, A.

Bujok A. Work Safety and Hygiene in Powder Metallurgy.

"Bezpieczeństwo i higiena pracy w metalurgii proszków". Hutnik.  
No. 8, 1954, pp. 259-263.

MG

The author deals in detail with the deleterious effect of noise produced by crushers and mills upon the operatives' efficiency, their nerves and hearing. There is, moreover, the attendant risk of metal-dust

pollution which is both noxious to health and a cause of explosions and fires. The author quotes preventive means for adoption in works concerned with powder metallurgy with a view to minimising the risks of fire and injury by burns, as well as means for combating dust pollution of the air. He reviews also the problem of gases as used in powder metallurgy. Details are given of results achieved in Poland in work safety and hygiene; these include medical examination prior to the engagement of operatives; medical supervision over such equipment as is likely to be injurious to health; instruction of newly engaged operatives in matters concerned with work safety; modifications in the design of plant and equipment, to ensure work safety and reduce noise produced by ball mills.

*[Handwritten signature]*

*Bujok A.  
Bujok*

3813

621.94 : 46.201

Bujok A. Problems of Wear on Drawing Dies Made of Hard Metal Carbides *MH*

*„Zagadnienie zuzycia ciagadel z wozlikow epokanych”. Mechanik. No. 10, 1954, pp. 383-388, 19 figs.*

The most serious losses resulting from rapid wear on drawing dies made from hard metal carbide are those due to interruption of production at the time when the worn dies are being changed (3 to 30 minutes) rather than those connected with the cost of the dies themselves. The factors which influence the wear of a die are described; the author has divided these into two main groups: 1) faults in the construction of die and unskilled operation during the process of drawing; 2) faults due to operating conditions which include badly chosen lubricants, low quality surface of the wire to be drawn, and an unsuitable number of drawing steps and drawing speeds.

*of VMM JWA*

FUJOK, A., PIASKOWSKI, ST.

Katalog cięgadeł, matryc, dysz i prowadnic z węglików sinterowanych  
(A catalogue of pulleys, dies, nozzles and guide bars made of sintered  
carbons), by A. Fujok, St. Piaskowski. Reported in New Tools (Nowe  
Ksziszaki), No. 6, March 15, 1956.

44355

P/045/62/022/005/007/009  
B188/B186

21,2300

AUTHORS: Bujok, J., and Sujak, B.

TITLE:  $\gamma$ -ray absorption changes in graphitized carbon as effect of a pressure applied

PERIODICAL: Acta Physica Polonica, v. 22, no. 5(11), 1962, 435 - 437

TEXT: It is investigated how the absorption of  $\gamma$ -radiation in a lump of graphitized carbon depends on an external pressure. The pressures applied varied from zero to 26.8 kg/cm<sup>2</sup>. Cs<sup>137</sup> is used as radiation source and a Geiger-Müller counter as radiation detector. The measured result is given in figure 2. It is shown that the absorption capacity also depends on whether the sample had been exposed to pressure before the measurement. This is explained by irreversible deformations inside the sample caused by the preceding compression stress. There are 2 figures. ✓

ASSOCIATION: Hauptinstitut für Bergbauwesen, Katowice (J. Bujok); (Main Institute of Mining, Katowice); Institut für Experimentalphysik, Universität zu Wrocław und Hauptinstitut für Bergbauwesen, Katowice (B. Sujak) (Institute of Experimental Physics, University of Wrocław Main Institute of Mining, Katowice)

~~Card 1/2~~

RAUK, Jerzy, mgr inż.; BUJOK, Jozef, mgr

Gamma rays and the course of underground gasification of coal. Przegl  
gorn 18 no.11:647-650 N '62.



SIKORA, Wlodzimierz, dr inz.; BUJOK, Jozef, mgr

Experiments in testing the workability of coal by means of radioactive isotopes. Przegl gorn 18 no.12:697-700 D '62.

BUJOK, Jozef, mgr.; RAUK, Jerzy, mgr inz.

Possibilities of applying radioactive isotopes in the mining industry. Przegl gorn 20 [i.e.19] no.9:358-364 S'63.

BUJOK, Jozef, mgr; SUDAK, Bogdan, doc. dr

Intensity variation of gamma rays penetrating coal masses as  
determined by vert. cal loads. Przegl gorn 21 no.1:35-44 Ja '65.

BUJOK, Jozef

What a miner should know about isotopes. Pt. 2. Wiadom  
gorn ll no. 7/8:265-268 J1-Ag '60.

~~BUJOK, Jozef, mgr~~; SUJAK, Bogdan, doc. dr

Usefulness of basic physical and physicochemical studies  
on coal. Przegl gorn 20 no. 2: 71-74 F '64.

L 8258-66 EWP(e)/EWP(b) DIAAP WH/WH

ACCESSION NR: AP5017139

PO/0045/65/027/005/0571/0520

73  
69  
19

AUTHOR: Bujok, J.; Sujak, B.

TITLE: Stress-induced variations in the spectral distribution of  $\gamma$ -radiation from Cs<sup>137</sup> transmitted by graphited carbon

SOURCE: Acta physica polonica, v. 27, no. 5, 1955, 671-680

TOPIC TAGS: gamma radiation, cesium, carbon, stress analysis

ABSTRACT: The authors investigated variations in the spectral energy distribution of gamma (Cs<sup>137</sup>) radiation transmitted by graphitized carbon, in their dependence on vertical load, with the purpose of collecting experimental data to clarify the variations observed in the intensity of gamma radiation scattered on carbon due to stress. Based on this work the authors come to the following conclusions: the interaction between gamma (Cs<sup>137</sup>) quanta and the graphitized carbon depends on the state of stress in the latter. The variations observed previously by the authors in intensity of radiation can probably be attributed to changes in the energy distribution of the radiation transmitted due to the load on the specimen. Investiga-

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L 8258-66

ACCESSION NR: AP5017139

tions now are in process at the Central Institute of Mining, aimed toward an explanation of earlier results obtained on changes in intensity of gamma radiation scattered on bulk carbon under the effect of external forces. Orig. art. has: 11 figures and 7 references.

ASSOCIATION: <sup>44</sup>Central Mining Institute, Katowice, Poland; Institute of Experimental Physics, Wroclaw University, Wroclaw, Poland

SUBMITTED: 12Aug64

ENCL: 00

SUB CODE: NP, IC

NO REF SOV: 000

OTHER: 007

PC  
Card 2/2

BUJTOR, Jeno, dr., okleveles gepeszmernok, a muszaki tudomanyok kandidatusa

Distributor feed pumps. Jarmu mezo gep 10 no.8:292-296 Ag '63.

1. Orszagos Tervhivatal.



BUJOK, J.; SUJAK, B.

Change of intensity of penetrating gamma radiation in a homogeneous carbon substance as a magnitude function of vertical pressure. Acta physica Pol 25 no.5:683-693 My '64.

1. Institute of Mining, Katowice (for Bujok). 2. Department of Experimental Physics, Wroclaw University (for Sujak).

BUJOR, Ionita, ing.

Modern ultrashort wave radiobroadcasting stations. Tele-  
comunicatii 7 no. 4: 154-159 ul-Ag '63.

BUJOR, R.

An efficient conference. Munca sindic 6 no.10:52 0 '62.

BUJOR, R.

Labor protection, an important problem of discipline. Munca sindic  
7 no.5:15-17 My '63.

BUJOR, R.

A fruitful activity in helping consumers be well served. Munca  
sindic 7 no.11:55-56 N '63.

BUJOREAN, G

AGRICULTURE

Periodical: STUDII SI CERCEȚARI ȘTIINȚIFICE, SERIA ȘTIINȚE AGRICOLE  
Vol. 4 no. 1/2, Jan./June 1957

BUJOREAN, G. Contributions to the study of vegetation in the western part  
of the Banat. p. 103

Monthly List of East European Accession (EEAI), LC, Vol. 8, No. 3,  
March 1959; Unclass.

BUJOREAN, G

AGRICULTURE

Periodical: STUDII SI CERCEȚARI ȘTIINȚIFICE. SERIA ȘTIINȚE AGRICOLE  
Vol. 4 no. 1/2, Jan./June 1957

BUJOREAN, G. Results of the variation of the water content in the soil  
of natural structure obtained by a new geohydrometric method. p. 149

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No.3,  
March 1959, Unclass;

BUJOREAN, G

AGRICULTURE

Periodical: STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE AGRICOLE  
Vol. 4 no. 1/2, Jan./June 1957

Picris echiodes L. in the flora of the Banat and the Crisana. p. 167

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 3,  
March 1959, Unclass.



RUMANIA / Meadow Cultivation.

L

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24771

Author : Popescu, P. S.; Bujorean, G.

Inst : Academy of Sciences RPR

Title : Geobotanical Investigation of Pastures in  
the Western Part of Rumania Between the  
Danube and Black Crisul

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza  
Timisoara. Ser. stiinte agric., 1957, 4,  
No 3-4, 9-49

Abstract : Basic formations and associations of natural  
pastures are described, and a chart in the  
scale of 1 : 500,000 is submitted. Measures  
for the improvement of pastures are  
recommended.

Card 1/1

COUNTRY : ROMANIA  
CATEGORY : Cultivated Plants. Ornamental M  
ABS. JOUR. : RZhBiol., No. 23, 1953, No. 104903  
AUTHOR : Bujorean, J.  
INST. : ~~INSTITUTUL DE BOTANICA~~  
TITLE : Rare Valuable Woody Plants in Timisoara.  
ORIG. PUB. : Anuarul lucrur. stiint. Inst. Agron. Timisoara, Bucuresti, 1957, 139-194  
ABSTRACT : A list is given of valuable foreign woody species growing in certain gardens and along the streets of the city of Timisoara. Some of similar species have disappeared, although they existed in Timisoara only a few years ago. It is recommended to propagate and grow the species indicated in the list in the conditions of Timisoara. — L. I. Lipayeva

CARD: 1/1

165

BUJOREAN, G.; ARVAT, A., [deceased]; SERBANESCU, I.; POPESCU, P. C.;  
GRIGORE, S.; OPREA, Reghina; PADUREANU, O.; ROMAN, N.

*Lythrum tribracteatum* Salzm., a new plant in the flora of Rumania.  
(Contributions to the flora of People's Republic of Rumania).  
Studia agr Timisoara 8 no.1/2:119-128 '61.

(Rumania—Lythraceae)

BUJOREAN, G.; GRIGORE, St.; ARVAT. N.

New contributions to the phytogeography of Banat and Crisana. Studii  
agr Timisoara 8 no.3/4:205-221 J1-D '61.

BUJOREAN, G.; GRIGORE, S.; OPREA, Raghina

Variability of flowering time in some ligneous species of the city of Timisoara. (Phytphenological notes. II.) Studii agr Timisoara 8 no. 3/4:223-236 J1-D '61.

BUJOREAN, G.; OPREA, C. V., prof.; GRIGORE, St.

Solonchak reservation of Socodor, region of Crisana. Studii agr  
Timisoara 8 no.3/4:317-328 J1-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct,  
"Studii si cercetari; Biologie si stiinte agricole" (for Oprea).

ROMANIA

G. BUCUREȘTI, G. CĂMĂRĂȘI, ȘT. GRIGORE and N. ARVAT, Timisoara (Affiliation not given).

"Contribution to the Knowledge of Species *Galinsoga parviflora* Cav and *G. quadriradiata* Ruiz et Pav."

Bucharest, Natura Scripta Biologic, Vol 14, No 9, Nov-Dec 1961: pp 17-24.

Abstract (English summary modified): Zoologic, historical, botanical, pharmacognostic and chemical analytical data are given for this plant widely used as fodder. Map, 2 tables, 2 illustrations of plants; 3 German and 17 Romanian references.

1/1

BUJOREAN, Gh.; GRIGORE, St.; OPREA, I.V.; MARUSCA, T.

Contributions to the teratological flora of Banat, Rumania. Studii  
agr Timsoara 9 no.3/4:395-400 J1-D '62.



BUJOREAN, G.; GRIGORE, St.

Fourth Geobotanic Conference in Rumania. Studii agr  
Timisoara 10 no. 2: 311-326 J1-D '63.

BUJOREANU, V.

Organizing the intermediate and the final control in the series production of agricultural machines on the "Semanatoarea" ("Sower") Plant. METALURGIA SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Construction.) 1: 68:Jan 55

RASOVIC, Ljubomir; TABAKOVIC-DAJA, Vera; BUJOSEVIC, Milorad

Fibrolipoma of the lung. Srpski arh. celok. lek. 89 no.11:1339-1343  
N '61.

1. II kirurska klinika Medicinskog fakulteta Univerziteta u Beogradu  
Upravnik: prof. dr Vojislav K. Stojanovic.

(LIPOMA radiog) (LUNG NEOPLASMS radiog)

S

BUJTAS, Bela

Survey of designing works in the field of the fine ceramic industry. Epitoanyag 15 no.9:343-347 S '63.

BUJTOR, Jeno, dr., okleveles gepeszmernok, a maszaki tudomanyok kandidatusa

Simplification of fuel injectors. Auto motor 15 no.20:16-17  
21 0 '62.

BUNICE, J.

Development of the GAZA "Dolphin" engine for boats. p.275. JARNOVEK  
MEZOGAZDASAGI GEFEK. Budapest. Vol. 3, No. 9, Sept. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 12, December 1956.

BUJTOR, J.

New Diesel-feeding pumps with correctors. p.200.

JARMUVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary. Vol. 6, no. 7, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

BUJTOR, Jeno

New type feed pumps with correctors for diesel engines. Jarmu meze-  
gep 6 no.7:200-206 '59.



BUJTOR, Jenó, dr., okleveles gépészmérnök, a muszaki tudományok kandidátusa

New ways of lubricating two-stroke motors. Auto motor 15 no.12:13-14  
21 Je '62.

MUSKALIS, H.

"Measuring industrial timber according to the Vinkovca Method." p. 147  
(Narodni Svar. Vol. 5, no. 4/5, Apr./May 1951, Sarajevo.)

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

BUJUKALIC, H.

"Karst of Hercegovina and Supplying the Population with Firewood."  
p. 193, (GODISNJAK, Vol. 2, 1953. Sarajevo, Yugoslavia.)

SO: Monthly List of East European Accessions, (EEAL), LC,  
Vol. 4, No. 5, May 1955, Uncl.

BUJUKALIC, H.

Protection of tress under the Law on Wood Saving. p. 299.

NARODNI SUMAR. (Društvo sumarskih inženjera i tehnicara Bosne i Hercegovine)  
Sarajevo, Yugoslavia. Vol. 12, no. 4/6, Apr./June 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

BUJUKALIC, H.

A survey of the publishing activities on forestry in Bosnia and Hercegovina from the liberation until 1955. p. 212.

NARODNI SUMAR. (Društvo sumarskih inženjera i tehničara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 13, no. 1/4, 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

KAFFKA, Karoly; GYORGY, Zoltan; VAMOS, Tibor, dr.; RITTER, Endre; MARKUS, Ferenc; BOROMISSZA, Gyula, dr.; BUJTAS, Laszlo, dr.; BUJTAS, Laszlo, dr.; EDELENYI, Laszlo; BAN, Tamas, dr.; TEGZE, Miklos, dr.; ALPAR, Imre; KERECSENYI, Gyorgy; GANGER, Gyorgy; VARGA, Istvan.

Present state and perspectives of the automation in the food industry. Elelm ipar 18 no.2:33-36 F'64

1. Committee on Measuring and Control Technique, Scientific Association of the Agricultural and Food Industry, Budapest (for Kaffka).
2. Directorate of Instrument Industry, Ministry of Metallurgy and Machine Industry, Budapest (for Gyorgy).
3. National Committee on Technical Development, Budapest (for Vamos).
4. Central Committee of Automation, Budapest (for Ritter).
5. Secretariat of Automation, Ministry of Metallurgy and Machine Industry, Budapest (for Markus).
6. Ministry of Food, Budapest (for Bajtás).
7. Technical Department, Ministry of Food, Budapest (for Alpar).

BUJUM, O.

LENGYEL, A.; BUJUM, O.; COCIUMAN, I.

Investigations concerning the action of antibiotics, in vitro & in vivo, on the sinus flora. Rumanian M. Rev. 1 no.2:89 Apr-June 57.

(SINUSITIS, ther.

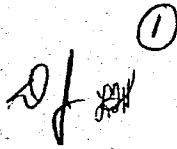
antibiotics, eff. on sunus flora)

(ANTIBIOTICS, ther. use

sinusitis, eff. on sinus flora)

BOK FR

Preparation of titanium hydride and titanium. Petr Schneider and Fr. Buk (Tesla-Vrsovice, Prague). *Slabov proudy Obzor* 14, 284 (1953).—Description of new material for improvement of heat radiation from anodes from materials readily obtainable.  
Petr Schneider

of 284 (1) 



BUR, V.S.

Cryoscopic determination of aromatic hydrocarbons in crude oil. M. D. Tikhonov, M. S. Borovaya, and V. S. Bur (All-Union Sci. Research Inst. Petroleum Refinery and Synthetic Liquid Fuel, Moscow). *Zhur. Anal. Khim.* 11, 188-92 (1958).—This method consists of (1) dissolving 0.4–0.6 ml. of a sample in 13 ml. of cyclonexane and detg. the temp. of crystn. of the mixt. and (2) removal of the aromatic hydrocarbons by treating the mixt. with  $P_2O_5$  and  $H_2SO_4$ , followed by washing with  $H_2SO_4$ , neutralization, drying, and detn. of the i.p. To completely remove the aromatic hydrocarbons the soln. was treated 3 times for 20 min. with a soln. of 20 g.  $P_2O_5$  in 100 ml. 99%  $H_2SO_4$ , washed 4 times for 10 min. with  $H_2SO_4$  and neutralized by shaking for 10 min. with finely comminuted NaOH. Cf. C.A. 47, 1920g.

3

Handwritten initials and scribbles.

BUK, V. 5.

p. 4.

PHASE I BOOK EXPLOITATION

647

Akademiya nauk SSSR. Institut nefti

Sostav i svoystva vysokomolekulyarnoy chasti nefti; sbornik rabot po izucheniyu sostava i svoystv neftey i nefteproduktov (Composition and Properties of the High Molecular Weight Fraction of Petroleum; Collection of Papers on the Composition and Properties of Crudes and Petroleum Products) Moscow, Izd-vo AN SSSR, 1958. 370 p. 3,500 copies printed.

Resp. Ed.: Sergiyenko, S.R., Professor; Ed. of Publishing House: Nekrasov, A.S.; Tech. Ed.: Pavlovskiy, A.A.; Editorial Board: Topchiyev, A.V., Academician, Kazanskiy, B.A., Academician, Fedorov, V.S., Candidate of Technical Sciences, Kusakov, M.M., Professor, Sergiyenko, S.R., Professor, Plate, A.F., Professor, Nikolayeva, V.G., Candidate of Technical Sciences.

PURPOSE: This collection of articles introduces new material in the field of high molecular weight components of petroleum. It is intended for scientific and engineering personnel.

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Composition and Properties of the High Molecular (Cont.) 647

**COVERAGE:** This book is the second collection of articles published by the All-Union Conference on the Composition and Properties of Petroleum Products, held in January 1956 in Moscow. This volume contains papers on the composition and properties of high molecular weight compounds and sulfur compounds in petroleum. Several of the original papers were revised by the authors, other papers were changed by the editing committee. The articles add to the knowledge of the chemical nature and properties of the least studied fraction, that is the high molecular weight fraction of petroleum. Many new experimental data are given on the composition and properties of the high molecular weight fractions of Soviet crudes (lubricating oils, paraffins, resins and asphaltenes, sulfur compounds). Research methods are discussed. Present and future trends in research are explored.

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Card 2/22	

Composition and Properties of the High Molecular (Cont.) 647

PART I. SOME BASIC PROBLEMS OF MODERN PETROLEUM

CHEMISTRY

Sergiyenko, S.R. The State and Prospects for Future Development of Research in the Field of High Molecular Weight Compounds of Petroleum 9

The author gives a review of developments in the field of analysis of the high molecular weight fraction of petroleum in the Soviet Union and abroad. A separate chapter is devoted to the study of Soviet petroleum in respect to its bitumen-asphaltene components. The indications for further research are described. A chart is given to show the process of analysis to which the bitumen-asphaltene fractions of various Soviet crudes were subjected during the last five years. There are 36 references of which 23 are Soviet, 12 English, and 1 German.

Obalentsev, R.D. Problems in the Study of Sulfur Compounds of Petroleum and Petroleum Products 25

This article is a brief review of domestic and foreign research in the field of sulfur compounds of petroleum. Some data are given on

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5

Composition and Properties of the High Molecular (Cont.) 647

sulfur compounds found in Soviet crudes. Attention is paid to the recovery of sulfur compounds from high boiling point fractions. There are 7 tables, and 14 references of which 11 are Soviet and 3 English.

Gal'pern, G.D. Physicochemical Properties and Composition of Petroleum Products 36

The author gives a general review of the field of petroleum chemistry. Foreign and Soviet developments are discussed including methods for the determination of the composition and properties of hydrocarbons in multicomponent hydrocarbon liquids. There are 36 references of which 15 are Soviet, 15 English, 2 German, 3 Dutch, and 1 French.

PART II. STUDY OF THE HYDROCARBON COMPONENTS OF OILS

Tilicheyev, M.D., B6rovaya, M.S., Buk, M.S., Okfnshovich, N.A. -Gryoscopic Method for Quantitative Determination of Aromatic Hydrocarbons in Petroleum Oils in Cyclohexane Solution 47

Card 4/22  
5

## Composition and Properties of the High Molecular (Cont.) 647

This article describes the improved cryoscopic method of Tilicheyev and mentions its application for the first time to control of the clearness of separation of aromatic hydrocarbons from alkanes and cyclanes in the chromatographic separation of lubricating oils into aromatic and saturated components with silica gel. It was determined that various aromatic fractions separated from petroleum oils by chromatography (under conditions chosen by the author) contained 2 to 22 mol. percent of nonsulfonating admixtures. There are 4 tables and 3 Soviet references.

## Zherdeva, L.G., Sidlyaronok, F.G. The Structure and Properties of Aromatic Compounds Contained in the High Boiling Petroleum Fractions 54

This article considers the structure and properties of aromatic compounds from two types of eastern petroleum: Tuymazy petroleum (paraffinic, sulfur containing) and Emba petroleum (low paraffin, low sulfur content). It was determined that high molecular weight aromatic compounds separated from sulfur-containing petroleum consist of a mixture of polycyclic (3 - 7 cycles in an average molecule), mostly condensed aromatic hydrocarbons, and sulfur compounds similar in their properties to aromatic hydrocarbons. The calculation of the structural

Card 5/22

5

BANKOVSKIY, Yu. [Bankovskis, J.] (Riga); MISULOVINA, E. (Riga);  
IYEVIN'SH, A. [Ievins, A.] (Riga); BUKA, M.

8-mercaptomethylquinoline and its interaction with metal ions.  
Vestis Latv ak no.11:103-106 '60. (EEAI 10:9)

1. Akademiya nauk Latvyskoy SSR, Institut khimii.

(Methylmercaptoquinoline) (Ions) (Metals)

BANKOVSKIY, Yu.A.; MISULOVINA, Z.V.; IYEVIN'SH, A.P. Ievins, A.];  
EUKA, M.R.

5-Fluoro-8-mercaptoquinoline and its salts. Metod.poluch.khim.  
reak.i prepar. no.4/5:71-78 '62. (MIRA 17:4)

1. Institut khimii AN Latvyskoy SSR.



BANKOVSKIY, Yu.A.; IYEVIN'SH, A.F. [Ievins, A.]; BUKA, M.R.;  
LUKSHA, E.A. [Luksa, E.A.]

Inner-complex compounds of manganese with the coordination  
number of 8. Zhur.neorg.khim. 8 no.1:110-113 Ja '63.  
(MIRA 16'5)

1. Institut khimii AN Latvyskoy SSR.  
(Manganese compounds) (Coordination compounds)

ZHAGAT, R.A. [Zagata, R.]; BERK, E.S.; VANDG, G.Ya. [Vandag, G.]

Condensation of 2-alkylindiones with diazotized aromatic amines.  
Zhur.org.khim. 1 no.3:525-529. 1965.

Condensation of indone with diazo compounds. Ibid.:525-529

1. Institut organicheskoye sinteza AN Latvyskoy SSR. (MIRA 18:4)

S/081/62/000/020/023/040  
B168/B101

AUTHORS: Bukač, Zbynek, Obereigner, Blahoslav

TITLE: A method of producing iditol ester of 2,1,5-diazonaphthol-sulfonic acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1962, 426, abstract 20L391 (Czechoslovak patent 99639, May 15, 1961)

TEXT: The iditol (II) ester of naphthoquinone- [1,2] -diazide-[2]-5-sulfonic acid (I-acid) is obtained by condensing crude chloride of I with II in an acetone solution, or alternatively with an aqueous solution of potassium or sodium salt of II under the action of aqueous  $\text{Na}_2\text{CO}_3$ . 288 g potassium salt of I and 2300 g chlorosulfonic acid (III) are mixed together, heated to  $90-100^\circ\text{C}$  for 1-1.5 hr, cooled to  $20^\circ\text{C}$  and poured into crushed ice; the water is then removed by suction and the isolated chloride of I is washed with water until the excess of III has been eliminated. The resulting precipitate is placed in a solution of 100 g II in 1 l acetone; when it has dissolved the mixture is heated to  $40^\circ\text{C}$ , 1 l 10% aqueous  $\text{Na}_2\text{CO}_3$  is

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A method of producing iditol ester of ... S/081/62/000/020/023/040  
B168/B101

added in the course of 2 hr, the mixture is left to stand for 12 hr, the viscous fraction forming on the bottom is ground in water, the water is removed by suction, the powder obtained is triturated with 0.5-0.75% aqueous NaOH, washed with water and dried. This produces the ester referred to above, which is used in the manufacture of light-sensitive films.

Abstracter's note: Complete translation.]

Card 2/2

BUKAC, Zbynek, inz.

Printed circuits by photoetching. Sdel tech 10 no.7:248-250  
JI '62.

S/081/63/000/004/029/051  
B149/B186

AUTHORS: Bukač, Zbyněk, Obereigner, Blahoslav

TITLE: Photosensitive material for photomechanical preparation of surface reliefs

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 502, abstract 4N370 (Chechosl. patent 100548, August 15, 1961)

TEXT: Compounds of the structure  $[-CH_2-C_6H_4(OSO_2D)-]_n$  (I), where D is an ortho-benzo or ortho-naphthoquinonediazide residue, are used as photosensitive substances for photomechanical reproduction. To prevent crystallization, I is mixed with polymeric film-forming compounds (PF) of the type of lacquer resins, polyesters of the alkyd resin type, polyacrylates, polyvinyl acetals or polystyrene. Irradiation decomposes D to the carboxylic acid and the irradiated sites become soluble in weakly alkaline solutions. Example: a mixture of I (0.6 g), lacquer resin (0.1 g) and alkyd resin (0.4 g) in a mixture of acetone (50 ml) and cyclohexane (50 ml) is applied to the base and dried for 5 min at 80-90°. In other instances the PF added to 0.6 g I are lacquer resin (0.1 g) and polyvinyl butyral (or polybutylmethacrylate)

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Photosensitive material for...

S/081/63/000/004/029/051  
B149/B186

(0.1 g) in 100 ml of a mixture of acetone, cyclohexane and monomethyl ester of ethylene glycol (50:30:20). After irradiation through a slide with UV-rich light the irradiated sites are washed with alkali solution and a relief copy is obtained. [Abstracter's note: Complete translation.]

Card 2/2

BUKAC, Z.; CEFELIK, F.; DOSKOCILOVA, B.; SEBENDA, J.

Alkaline polymerization of 6-caprolactam. Pt.18. Chem Cz  
Chem 29 no.11:2615-2625 N '64.

1. Institute of Macromolecular Chemistry of the Czechoslovak  
Academy of Sciences, Prague.



BUKACEK, F.

Vanished glassworks in Pusta Rybna and in Milovy. p. 118.  
(Česky Lid, Vol. 44, no. 3, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 10, October 1957. Uncl.

L 40868-66 EWT(m)/EWP(w) IJP(c) WW/EM

ACC NR: AR6014929

SOURCE CODE: UR/0124/65/000/011/V019/V019

AUTHOR: Bukach, G. I.

TITLE: Boundary value problem of the second kind for longitudinal vibrations in a double-layer rod

SOURCE: Ref. zh. Mekhanika, Abs. 11V149

REF SOURCE: Tr. Rostovsk.-n/D. inzh.-stroit. in-ta, vyp. 27, 1964, 66-73

TOPIC TAGS: mechanical vibration, vibration theory, mixed boundary value problem

ABSTRACT: The problem of longitudinal vibrations in a rod sectioned along its length is solved. The problem is reduced to the common solution of the two equations for longitudinal vibrations in uniform rods of constant cross section. The initial conditions (displacement and displacement velocity) are given as arbitrary functions of the coordinate. Static boundary conditions are set up at the ends of the rod: at one end the force is zero, the axial force is constant at the other end, and mixed boundary conditions in the form of the equality of the longitudinal displacements and axial forces are given at the junction of the rods differing in cross section. The solution is represented as a sum of two functions of two variables. One of the functions is selected to satisfy the initial equations and part of the boundary conditions. To find the other function the initial equation is solved and the arbitrary constants of integration are found from the remaining boundary and initial conditions.

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L 40868-66

ACC NR: AR6014929

The Fourier method is used to separate the variables. The formula for determining the longitudinal displacement as a function of time and longitudinal coordinate is derived. The results are not analyzed. V. A. Sibiryakov [Translation of abstract]

SUB CODE: 20

Card 2/2

11b

L 32892-65 EWT(m)/EWP(t)/EWP(b) DIAAP/IJP(c) RLM/JD  
ACCESSION NR: AP5004539

S/0048/65/029/001/0117/0158

AUTHOR: Ivanov, Yu.F.; Rumer, I.A.; Sukach, A.Ya.

21  
20  
B

TITLE: Internal conversion electrons of <sup>132</sup>Te Report, 14th Annual Conference on Nuclear Physics held in Tbilisi 14-22 Feb 1964

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.29, no.1, 1965, 157-159

TOPIC TAGS: internal conversion, tellurium, iodine, beta decay

ABSTRACT: The internal conversion spectrum of <sup>132</sup>Te was observed with a  $\sqrt{2}$  double focusing  $\beta$  spectrometer. The work was undertaken because of contradictory data in the literature. The <sup>132</sup>Te was separated from the fission fragments of uranium irradiated for 5 days with a  $2 \times 10^{13} \text{ cm}^{-2} \text{ sec}^{-1}$  thermal neutron flux. The radioactive contamination of the separated Te did not exceed 3%. Eight conversion lines were observed and 6 of them are assigned to the two known  $\gamma$  transitions. Internal conversion coefficients were calculated on the assumption that the two  $\gamma$  rays are in cascade. The internal conversion coefficients obtained for the softer  $\gamma$  rays differ greatly from those obtained by G.D.Cheever et al (Phys.Rev.110,922,1958).

Card 1/2

L 32892-65

ACCESSION NR: AP5004539

"In conclusion, the authors express their gratitude to V.A. Bazhenov for his interest in the work and for participating in discussions of the results." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00/--Jan65

ENCL: 00

SUB CODE: NP

NR REF SCV: 002

OTHER: 005

Card 2/2

BUKACH, R.K., Cand Med Sci --(disc) " <sup>(Administration)</sup> The ~~use~~ of small doses of <sup>myocain</sup> ~~myocain~~  
in the treatment of ~~patients with~~ chronic ~~polyarthritis~~ taking in <sup>the</sup> consideration  
the individual reactivity of the organism." Voronezh, 1958. 15 pp (Min  
of Health RSPER. Voronezh State Med Inst), 300 copies (KL, 43-58, 118)

BUKACH, R.K.,

Characteristics of pepsin secretion in chronic gastritis.  
Uch. zap. Stavr. gos. med. inst. 12:330-331 '63.

1. Kafedra normal'noy fiziologii (zav. prof. V.G. Budylin) i (MIRA 17:9)  
kafedra propedevtiki vnutrennikh bolezney (zav. dotsent  
N.P. Yermakovskaya) Stavropol'skogo gosudarstvennogo  
meditsinskogo instituta.

Bukach, Z.

CHECHO-SLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19159.

Author : Bukach Z., Obereigner B.

Inst :

Title : Preparation of Phenyl ester of 1-hydroxynaphthoic-2  
Acid.

Orig Pub: Chem. Prumysl., 1956, 6, No 6, 254-255

Abstract: At the synthesis of the phenyl ester of 1-hydroxynaphthoic-2 acid (I, II- acid) from II and phenole in the presence of  $\text{POCl}_3$  (Chem. Abstrs, 1948, 12150 and BIOS, Final Report, 1605) I which is formed may be transformed into methyl ester II with a yield 60-75% in the process of recrystallization from  $\text{CH}_3\text{OH}$  in the presence of  $\text{H}_3\text{PO}_4$ ,  $\text{Na}_3\text{PO}_4$ ,  $\text{Na}_2\text{CO}_3$  and  $\text{NaHCO}_3$ .

Card : 1/1



~~BUKACHENKO, A.~~ inzhener.

The MBTK light-weight crane. Stroitel' no.5:21 My '57. (MIRA 10:6)  
(Cranes, Derricks, etc.)

BUKACHENKO, A., inzh.

~~Interesting information. Stroitel' no.6:35 Je '58.~~ (MIRA 11:7)  
(Building)

BUKACHENKO, A., inzh.

The improved MBTK crane. Stroitel' no.2:18 F '59.  
(MIRA 12:5)

(Cranes, derricks, etc.)

BUKACHENKO, L.I.; NAGLOV, B.A.

Birds in forests of the Donets Biological Station of Kharkov  
University. Uch.zap. KHGU 52:65-77 '54. (MIRA 11:11)

1. Kafedra zoologii pozvonochnykh Khar'kovskogo gosudarstvennogo  
universiteta (zav. - prof. I.B. Volchanetskiy).  
(Zmiyev District--Birds) (Forest fauna)