

BANK, J.

ANDIK, I.; BANK, J.; DONHOFFER, Sz.

The role of the physiological variations of the blood sugar in the regulation of food intake. Acta physiol. hung. 13 no.2:125-130 1958.

1. Pathophysiologisches institut der medizinischen universitat, Pecs.
(BLOOD SUGAR

disproof for regulating eff. of physiol. variations in blood sugar on food intake in rats (Ger))

(FOOD

intake, disproof for regulating eff. of physiol. variations in blood sugar in rats (Ger))

BANK, Jozsef, dr.; PAL, Tibor, dr.; SERES, Viktor, dr.; HESZ, Peter.

Disabling diseases in mines with silicosis hazards in Peca VI in
1958. Nepegeszsegugy 41 no.10:288-295 0 '60.

(OCCUPATIONAL DISEASES statist)
(MINING)

ESANU, G.; BANK, S.

Nonspecific heterologous serum as a blood substitute.
Rev. igiena microb. epidem., Bucur. 1:63-77 Jan-Mar 55.

1. Institutul Dr. I. Cantacuzino si Catedra de microbiologie
I. P. S. M. F.

(BLOOD TRANSFUSION, experimental
heterologous nonspecific sera, causing shock & death,
in guinea pigs.

(FORMALDEHYDE, eff.
formol, on tox. of nonspecific heterologous sera for
guinea pigs, relation to blood transfusion shock.

(ALLERGY
anaphylactic shock caused by heterologous nonspecific
sera in transfusion, in guinea pigs.

BANK, Z. M.

Zhurnal-no-ordernaya forma ucheta dlya kommunal'nykh predpriyatiy; prakticheskoye posobiye (Journal-voucher system of accounting in communal enterprises; a practical aid, by) Z. G. El'piner, M. P. Rubinchik (L) Z. M. Bank. Moskva, Izd-vo Ministerstva Kommunal'nogo Khozyaystva RSFSR, 1953. 122 p. tables.

N/5
611.91
.E4

BANKA

The third counsel. p. 8.
ROLNIK SPOLDZIELCA, Warszawa, Vol. 3, no. 28, July 1955.

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

Effect of extract of birch leaves on growth of *Mycobacterium tuberculosis* — Jakub Mokry, Jan Kydner, and Antonin Baňka (Tuberculosis Sanat., Bukov). *Czechoslov. Med.* 3, 114-117 (1954). — In the course of a search for substances which would inhibit tubercle bacilli, it was found that the extract of birch leaves (*Betula pubescens* Ehrh.) inhibited the growth of *M. tuberculosis* H37Rv. The extract activated a heavy (1 mg./ml.) suspension of *M. tuberculosis* after 30 hrs. of contact. Reswain and extracts from birch leaves had no inhibitory effect. No toxic effects were observed when 10% solutions of birch leaf extract were dissolved in castor oil and injected intramuscularly (2 ml./kg. body weight) for 10 days into guinea pigs. The material was absorbed poorly. Oldrich Sebesta

BANKA, A.

MOKRY, J.; KADERA, J.; BANKA, A.

Effect of extract of dry Betula leaves on growth of Mycobacterium tuberculosis. Chekh. biol. 3 no.2:127-130 Apr 54.

1. Tuberkuleznyy sanatorii, Bukov.

(PLANTS,

*Betula, eff. of extract of dry leaves on growth of M tuberc.)

(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,

*Betula leaves extract)

BANKA, Marian, mgr inz.

Observations on mining works in a heavily gaseous mine. Wiad gorn
14 no.4:105-106 Ap '63.

BANKA, Marian, mgr inz.; BARTECKI, Piotr, mgr inz.

Possibilities of improving separated ventilation for mine
construction works in the Rybnik Coal District. Wiadom gorn 14
no.5:147-149 My '63.

BANKA, Marian, mgr inz.; DRAGON, Konrad, mgr inz.; GRABINSKI, Kazimierz. inz.

Methane danger control in the 1 Maja mine. Wiadom gorn 14
no. 11:346-350 N°63.

BANKA, Marian, mgr inz.; MORAWIEC, Tadeusz, mgr inz.

One hundred seventy-three meters of cross headings in the Jastrzebie mine. Wiadom gorn 14 no. 12: 374-379 D '63.

PANKA, Marian, mgr inz.; KLEPEK, Jan, mgr inz.

Mechanical loading of the output in inclined drifts and
dip-road driving. Wiadom gorn 15 no.5:167-169 My'64.

BANKA, Marian, mgr inz.; MORAWIEC, Tadeusz, mgr inz.

A crosscut of 483.5 m performed in three months in a heavily gaseous mine. Wiadom gorn 15 no.11:346-351 N '64.

BANKA Marian, mgr inż.; GRABINSKI, Kazimierz, inż.

Methane hazard control by air ducts in mining heading
works in the new mines of the Rybnik Coal Basin. Wiadom
gorn 15 no.12:387-392 D '64.

BANKA, Otton Sylwester.

Extraperitoneal cesarean section in a case of infected labor.
Gin. polska 26 no.4:393-405 1955.

1. Z I Kliniki Polozni ctwa i Chorob Kobiacych Slaskiej
A.M. w Zabrsu. Kierownik: prof. dr. W.Starzewski.
Stalinograd, ul. Wita Stwosza 1.
(CESAREAN SECTION,
extraperitoneal, in infected labor)

BANKA, Otto Sylwester

Clinical aspects and therapy of abortions induced with soap. Gin. polska
32 no.4:405-410 '61

1. Z Miejskiego Szpitala Ginekologicznego Położniczego Nr. 1 w Siemianowicach Śląskich Dyrektor: dr med. O.S. Banka
(ABORTION CRIMINAL)
(SQAPS)

BANKETOV, A.K.; KONONOV, S.I.; SHANIN, N.I.

~~XXXXXXXXXX~~
Mining equipment for open cut mining in foreign countries.
Gor.zhur. no.5:47-52 My '55. (MIRA 8:7)
(Mining machinery) (Strip mining)

BARON, Lazar' Izrailevich; prof., doktor tekhn.nauk; SIMONYAN, Yevgeniy ., Arshakovich; BANKETC/, A.K., gorn.insh., retsenzent; IVANOV, S.K., retsenzent; SHOSTAK, A.G., retsenzent; SMOLDYREV, A.Ye., red.; PARTSEVSKIY, V.N., red.isd-v; ISLENT'YEVA, P.G., tekhn.red.

[Chute loading in underground ore mining] Linkovaia pogrushka pri podzemnoi dobyche rud. Moskva, Ges.nauchno-tekhn.isd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 206 p.
(MIRA 12:6)

(Loading and unloading)

(Ore handling)

BANKETOV, A.K.; VERIGO, K.N.; MAKRUSHINA, Ye.A.; SEDOVA, G.A.;
TOMOVA, I.S.; FOMICHEV, L.Kh., red.; TROITSKIY, A.V.,
red.; VELLER, L.Ye., red.; LOGINOVA, Ye.I., tekhn.red.

[Copper industries in capitalist countries]Mednaia pro-
myshlennost' kapitalisticheskikh stran. Moskva, Pt.1.
[Mining and treatment of copper ores]Dobycha i obegashchenie
mednykh rud. 1962. 171 p. (MIRA 16:4)

1. Moscow. Tsentral'nyy institut informatsii tsvetnoy metal-
lurgii.

(Copper mines and mining) (Ore dressing)

BANKETOV, A.K., gornyy inzh.; LUKICHEV, V.F., gornyy inzh.;
STBAKOV, B.A., gornyy inzh.

Review of the book "Upraising" by S.G. Borisenko and others.
Reviewed by A.K. Banketov, V.F. Lukichev, B.A. Stebakov.
Gor. zhur. no.7:78-79 J1 '63. (MIRA 16:8)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu
i nauchno-issledovatel'skim rabotam tsementnoy promyshlen-
nosti, Moskva.

BANKETOV, A.N., inzh.

Designing pedestal bases for automatic machines. Vest.mash.
38 no.10:78 G '58. (MIRA 11:11)
(Machinery, Automatic)

S/028/60/000/012/004/007
B027/B058

AUTHOR: Banketov A.N.

TITLE: Determination of the Nominal Angle of Rotation for the
Crank of Mechanical Presses

PERIODICAL: Standartizatsiya, 1960, No. 12, pp. 17 - 20

TEXT: The author proposes the inclusion of a new index into the existing standards for crank presses in order to increase the performance and improve the design of these machines. This index is the nominal angle of crank rotation, that is, the angle of rotation of the crankshaft at which the nominal load can be applied. The performance and the moment of inertia of the flywheel, as well as the mass and weight of the driving components depend on the nominal angle of the crank. So far, the angle of rotation was only mentioned in GOCT 7039-55 (GOST 7039-55) for double-acting single-crank presses. Single-frame crank presses with a pressure of 6.3-160 t and adjustable slide movement according to GOCT 9408-60 (GOST 9408-60) are intended for cold pressing and best suited for punching and piercing. The

Card 1/4

Determination of the Nominal Angle of
Rotation for the Cranks of Mechanical
Presses

S/028/60/000/012/004/007
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nominal angle of rotation for these presses is 30° without gear drive and 45° with gear drive, the technological possibilities being thus considerably widened. The following nominal angles of rotation are proposed for single-acting single- and double-crank presses: 1) For all punching processes 30° and for burring presses $30^\circ - 25^\circ$. 2) For combined punching and deep drawing $40^\circ - 45^\circ$. The gear drive proves to be a limiting element for single-crank presses with standard slide movement and one-sided drive at an angle of crank rotation of 30° . If the durability of this gear drive is increased by about 20%, the angle of rotation of 30° can be assumed to be an optimum. A nominal angle of rotation of $15^\circ - 20^\circ$ is recommended for four-crank presses. Double-acting, closed single-crank presses are mainly used for the punching of material of 4 mm thickness. An angle of rotation of 20° is recommended for these machines for double-sided drive, and one of 10° for one-sided drives. For double-acting, closed double-crank presses, the angle of rotation is 20° , and for double-acting single-crank presses of the cam type, the angle of rotation for the inner slide is 10° . For single-acting eccentric presses with gear drive, the firm of Pels

Card 2/4

Determination of the Nominal Angle of Rotation for the Cranks of Mechanical Presses

S/028/60/000/012/004/007
B027/B058

(Eastern Germany) applies an angle of rotation of 30°, as for an ordinary drive, but practice showed that the following angles of rotation are to be recommended for these presses:

Table 2

Pressure in t	α°_N	
	for normal movement	for increased movement
up to 630	30	20
630 and above	25	15



For drop-forging presses, the nominal angle of rotation is 30° at a pressure below 4000 t and 50° above 4000 t. The angle of rotation is 60° for toggle-lever presses with normal slide movement and 50° for those with increased slide movement. The inclusion of the nominal angle of rotation as a new index into the valid standards for presses and, subsequently, of the "Energy Reserve of the Flywheel" will improve the quality of the machines, reduce their weight, and standardize the drives extensively.
Card 3/4

Determination of the Nominal Angle of
Rotation for the Cranks of Mechanical
Presses

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ly, thus achieving a great economic advantage. There are 2 tables.



Card 4/4

BANKETOV, A.N.

Regulation of new parameters in standards for crank presses.
Standardartizatsiia 26 no.2:16-20 F '62. (MIRA 15:2)
(Power presses--Standards)

BANKETOV, A.N.

Basic parameters of shears for cutting sheet metals. Standarti-
satsiia 29 no.3:44-45 Mr '65. (MIRA 18:5)

BANKFALVY, Gyula, dr. (Szeged)

Innovation conference in Szeged. Magy vasut 7 no.1:6 1 Ja '63.

BANKFALVY, Gyula, dr. (Szeged)

Heavier workers academies in Szeged. Magy vasut 7 no.:2 2 Ap '63.

BANKFALVY, Gyula, dr. (Szeged)

Work pledge of railroaders in Roszke. Magy vasut 7 no.21:3
2N '63.

BANKFALVY, Gyula, dr.

Correct use of wagons. Magy vasut 7 no.23:2 2 D '63.

BANKFALVY, Gyula, dr. (Szeged)

Outstanding achievements in the Szeged switchyard. Magyar
vasut 7 no.24:3 14 D'63.

BANKFALVI, Gyula, dr. (Szeged)

Better results are expected. Magy vasut 8 no.5:2 2 Mr '64.

BANKFALVY, Gyula, dr. (Szeged)

Results at the Rózke railroad station. Magy vasut 8
no. 9:2 4 My '64.

BANKHAZI, Dyula, doktor

Work of the Hungarian Scientific Research Institute in the field of
farm mechanization. Mekh. i elek. sots. sel'skhoz. 20 no.1:55-57
'62. (MIRA 15:2)

1. Direktor Vengerskogo nauchno-issledovatel'skogo instituta
mekhanizatsii sel'skogo khozyaystva.
(Hungary--Agricultural machinery)

BANK'HERI, Domenico [Banchieri, D.]

National conference of young Italian workers. Vsem. prof.
dvizh. no.4:16-19 Ap '61. (MIRA 14:4)

1. Chlen Iсполnitel'nogo komiteta Vsemirnoy federatsii prof-
soyuzov.

(Italy--Trade unions--Congresses)
(Italy--Youth)

BANKI, D.

mm

Electrical Engineering Abst.
Vol. 57 No. 673
Jan. 1954
Electrical Engineering

621.315.22
98. Application and installation of non-lead-sheathed
cables. D. BANKI. *Elekrotechnika*, 46, 263-8
(Sept., 1953) In Hungarian.
The fields of application, behaviour with respect to
earth currents, laying installation and maintenance of
the new type cables [see Abstr. 101 (1954)] are dis-
cussed. T. P. BRODY

8-12-54 P

BANKI, Dezso, okleveles gépészmérnök

Heavy-current cable tests. Villamosag" 8 no.8/9:251-261
Ag-S '60.

1. Budapest Fovaros Elektromos Muvei vezeto mérnöke.

BANKI, Dezso; BARTHA, Jozsef; HEGEDUS, Jozsef, okleveles villamosmernok;
TOTH, Otto; FRIED, Arnold; UNK, Janosne; FOLDEAK, Gabor;
NIEWELT, Ferenc; KUCZOZI, Endre

Remarks about Aurel Felkai's entitled "Experiences with the operation of the Hungarian-manufactured heavy-current cables and lines." Villamossag 8 no.2-3:60-62 F-Mr '60.

1. Budapest Fovaros Elektromos Muvei vezeto mernoke (for Banki).
2. Lenin Kohaszati Muvek energia gyarreszlege fomsnoka (for Bartha).
3. Orszagos Banyamuszaki Felugyeloseg (for Hegedus).
4. Borsodi Vegyi Kombinat foenergetikusa; Nehezipari Miniszterium Nehezvegyipari Focsztalya kepviseleteben (for Toth).
5. EM Szereloipari Tervezo Vallalat, Sztalinvaros (for Fried).
6. EM Szereloipari Tervezo Vallalat (for Unk).
7. Magyar Asvanyolaj es Foldgazkiserleti Intezet (for Foldeak).
8. Villamosgep es Kabelgyar (for Niewelt).
9. Orszagos Villamosenergia Felugyelet (for Kuczogi).

BANKI, Desso, okleveles gepesamernok

Description of the Hungarian-manufactured heavy-current cables.
Villamoság 8 no.7:193-204 J1 '60.

1. Budapest Fovaros Elektromos Muvei veseto mernoke.

BANKI, Dezso, okl. gepeszmernok

Aluminum coated cables for power transfer. Villamossag 9 no.6:
155-160 Je '61.

1. Budapest Favoros Elektromos Muvel

BANKI, Dezso, okleveles gepeszmernok

Analysis of mass migration and aging of impregnated paper insulated cables. Villamossag 12 no.9:261-263 S '64.

1. Budapest Capital Electric Works.

BANKI, E.

Gas generator. Ernő Banki. Hung. 101,702, Aug. 1, 1933. To save costs of compression the pressure formed by the gas development is used for transporting, purification and final compression of gases. Structural details are given.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

BANKI, E.

The light metal mechanism of seagoing tugboats manufactured in Hungary.

P. 521. (KOHASZATI LAPOK.) (Budapest, Hungary) Vol. 12, No. 11/12, Nov./Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

BANKI, Endre

A new passenger river boat. Jarmu mezo gep 7 no.7:257-259
'60.

BANKI, Endre

Light metal constructions on the Hungarian-manufactured
seagoing tugboats. Koh lap 12 no. 11/12 521-523 N-D '57.

BANKI, F.

Smoking diesel engines. p. 9

AUTO MOTOR, Vol. 8, No. 18, Sept. 1955

(Kozlekedesi Kiado) Budapest

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

NKI, Ferenc, dr.

Aberrant pancreas in the stomach simulating duodenal ulcer. Orv.
hetil. 102 no.40:1899-1901 1 0 '61.

1. Fovarosi Istvan Korhaz, I Sebeszeti Osztaly, Budapest.

(PANCREAS abnorm) (PEPTIC ULCER diag)
(STOMACH dis)

HUNGARY

~~BANKI, Dr Ferenc~~; BARDOSI, Dr Zoltan; and NAGY, Dr Laszlo, Surgical Clinic No 3 (III. sz. Sebészeti Klinika) of the College of Medicine (Orvostudományi Egyetem), Budapest.

"Late Case History of Patients with Benign Polyp of the Stomach"

Budapest, Magyar Onkologia, Vol 10, No 4, Dec 1966; pp 249-256.

Abstract [Authors' English summary, modified]: In 3 out of 13 cases of patients treated for polyp of the stomach the initial symptoms of malignancy were observed in the polyp. In authors' cases, as well as in the development of stomach cancer, polypoid hypertrophy and metaplastic transformation of the chronic gastritic mucous membrane had a decisive role in the development of the polyp. Because of the precancerous character of the alteration and of the relapses, the most important task is to follow up the patient's progress, since any histological problems which have not been settled are resolved by clinical observation. 38 References, mostly Western.

1/1

G. BANKI

"The People's Library at Somogyszil in the Electoral Fight." p. 18
(A Konyvtaros. Vol. 3, no. 5, May 1953, Budapest.)

1

Vol. 2, no. 9
SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

BANKI, Gyorgy, Dr

LÉNGYEL, Anna, Dr.; BANKI, György, Dr.; TAPFER, Dezső, Dr.

Present state of the oral therapy of enterobiasis; application of papain and combined papain-piperazine therapy with special regard to child communities. Orv. hetil. 99 no.24:797-802 15 June 58.

1. A Budapesti Orvostudományi Egyetem Közegészségtani Intézetének (Igazgató: Mally József dr. egyet. tanár) közleménye.

(OXYURIASIS, in inf. & child

ther., papain-piperazine citrate prep., oral admin. (Hun))

(PROTEASIS, ther. use

papain-piperazine citrate prep. in oxyuriasis in inf. & child, oral admin. (Hun))

(PIPERAZINES, ther. use

piperazine citrate - papain prep. in oxyuriasis in inf. & child, oral admin. (Hun))

BANKI, J.

Indication of the load limit and the charge for railroad cars. p. 548.

(Kozlekedesi Kozlony. Vol. 13, no. 27, July 1957. Budapest, Hungary)

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

BA BANKI, L.

1324

Evaluation of the effects of contact-nerve poisons. László Banki (Chem. Factory Hung., Budapest). *Agrárudomány* 7, 230-7 (1930).—To obtain reliable results (1) at least 2 species of insects should be used, originating from the same strain and of identical age, (2) the samples should be experimentally large, (3) the details of the tests should be carefully prescribed and followed, (4) the toxic effects should be observed at easily determinable points on the basis of characteristic symptoms, i.e., (a) beginning of toxic effect characterized by limping and uncertain movements, (b) disturbances in movements, loss of balance, and tottering, (c) wallowing and paralysis of hind legs, (d) full paralysis of legs and wings, (e) death. For the biol. testing of DDT and similar prepns. *Musca domestica* and *Acanthoscelides obiectus* appeared to be suitable, 70-80 insects being used in each test. The results are evaluated under the supposition that each of the symptoms (a) to (d) is caused by the paralysis of a nerve center of the insect, the appearance of symptom (d) showing paralysis of 4 nerve centers. From time to time the no. of paralyzed nerve centers should be observed and the no. of unaffected nerve centers recorded on a graph to obtain a curve characteristic for the investigated insecticide. When the values are placed on logarithmic paper, almost linear lines are obtained, which are suitable for numerical evaluation. The deviation of results was below 10% (expressed in percentages of av. effectiveness).
István Fialkó

1951

BANKI, L.

"High-vacuum pumps" p. 25, (MAGYAR HIRADASTECHNIKA, Vol. 4, no. 1/3, Jan./Mar. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

HANKI, L.

Problem of simultaneous use of DDT and HCH with emphasis on the economical factor. p. 181. KOELEMENYEI, Budapest. Vol. 8, no. 1/2, 1955

SOURCE: EEAL, Vol 5, No. 7, July 1956

SCHEIBER, Gabor; BANKI, Laszlo; VASARHELYI, Endre; SAVELY, Camillo;
MARK, Gergely, kutato

Possibilities for preparing and using pyrethrin containing
insecticides in Hungary. Magy kem lap 18 no.11:524-531 N '63.

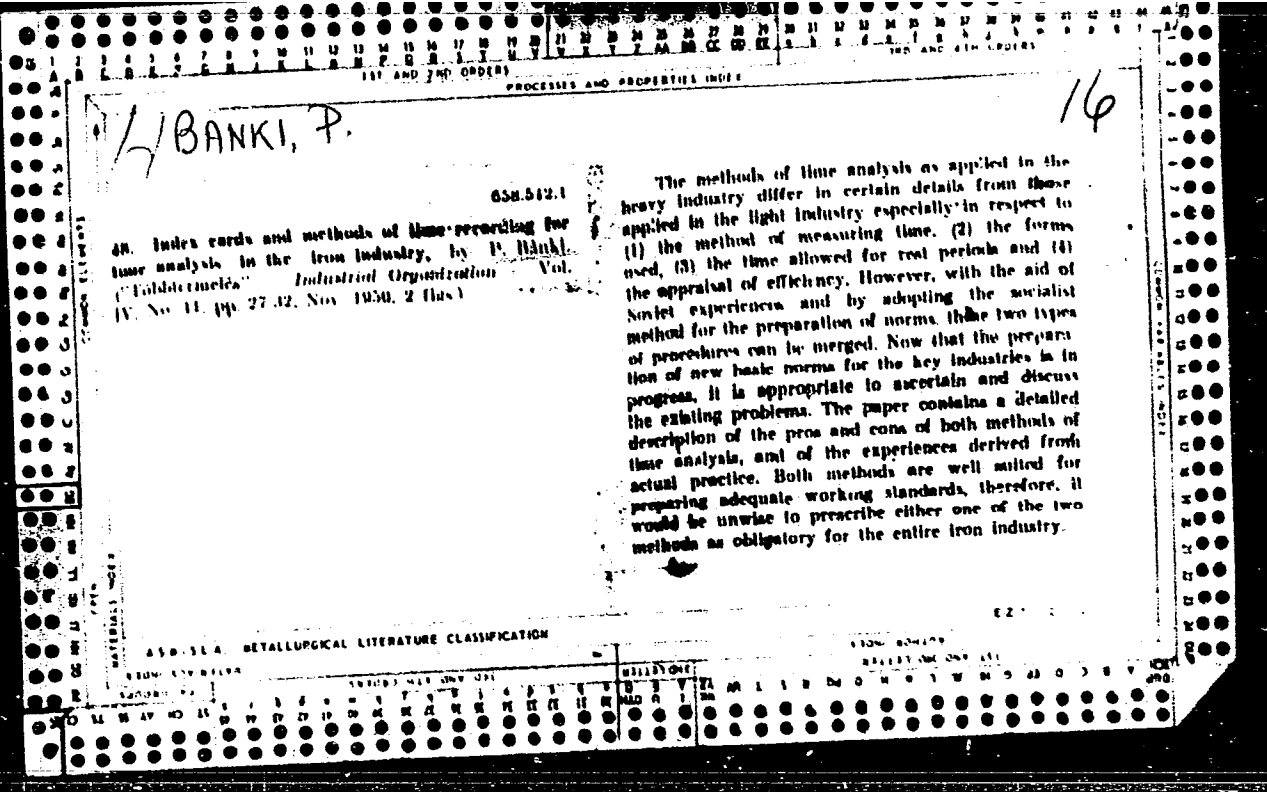
1. Budapesti Vegyimuvek (for Scheiber, Banki, Vasarhelyi and Savely).
2. Kerteszeti Kutato Intezet (for Mark).

ROMHANYI, Jozsef, dr.; SIMON, Gyorgy, dr.; BANKI, Gyorgy, dr.

A case of strongyloidosis causing leukemoid reaction. Gyermekgyógyászat
12 no.11:328-330 N '61.

1. A Budapesti Orvostudományi Egyetem I sz. Gyermeklinikája (Igazgató:
Gegesi Kiss Pál dr. egyetemi tanár, akadémikus) és az Országos Köz-
egészségügyi Intézet (Igazgató: Bakats Tibor dr.) Parazitológiai
Osztályának közleménye (Parazitológiai osztályvezető: Zoltai Nándor dr.)

(STRONGYLOIDIASIS blood) (LEUKEMIA)



BANKI, Pal

Norm situation in the industry. Munka szemle 6 no.8:1-4
Ag '62.

1. "Munkaugyi Szemle" szerkeszto bizottsagi tagja.

BANKI, Pal

Average wage control or wage volume control? Munka szemle 3 no.9:
6-9 5 '62.

1. Editorial board member, "Munkaugyi Szemle."

BANKI, Pal

General reexamination of norms, differentiated norm readjustment. Munka szemle 9 no.1:13-16 Ja '65.

1. Editorial Board Member, "Munkaugyi Szemle."

BANKIERIS, J.; ZIEDINS, I.

All-Union seminary and conference on the production and use of panels
made from wood shavings. Vestis Latv ak no.7:165-166 '61.

(Harboard)

JUKNA, Arturs; ZIEDINS, Indulis; GZOLINS, Edis; BANKIERIS, Janis;
ZUMBERGA, M., red.

[New materials from wood waste] Jauni materiali no koksnes
atliekam. Riga, Latvijas PSR Zinatnu akad. izd-iba, 1963.
130 p. [In Latvian] (MIRA 17:6)

TAMBIAN, Nikolay Borisovich, kandidat meditsinskikh nauk; BANKIN, N.A.,
redaktor; GABERLAND, M.I., tekhnicheskiy redaktor

[The marathon race in the light of medical studies] Marafonskii
beg v svete vrachebnykh issledovani. Moskva, Gos. izd-vo med.
lit-ry, 1956. 185 p. (MIRA 9:9)
(RUNNING)

BANKIN, V.A.; LUR'YE, Ya.I. (Leningrad)

Information bulletin of the Central Institute of Prosthetic Research
of the Ministry of Public Health of the R.S.F.S.R." Reviewed by
V.A. Bankin, I.A.I. Lur'e. Ortop., travm. i protez. 20 no.4:82-84
Ap '59. (MIRA 13:4)

(ORTHOPEIDIA)

PEVZNER, M.S., doktor med.nauk; BANKIN, V.A., inzhener

Prosthetic method in lateral deformities of the leg stump.
Ortop., travm. i protez. no.5:17-22 '61. (MIRA 14:8)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezirovaniya (dir. - dotsent M.V. Strukov).
(AMPUTATION STUMP) (ARTIFICIAL LIMBS)

RUKHMAN, L.Ye., doktor med. nauk; LYUBLIN, S.D.; BANKIN, V.A.

Textolite apparatus for the support of paralyzed lower extremities in children. Ortop., travm. i protez. 25 no.8:71-72 Ag '64. (MIRA 18:4)

1. Iz Leningradskogo instituta protezirovaniya (dir. - dotsent M.V. Strukov). Adres avtorov: Leningrad, prospekt Karla Marksa, d. 9/12, Institut protezirovaniya.

L 43886-65

ACCESSION NR: AP501090h

UR/0286/65/000/007/0099/0099

AUTHORS: Kozlenko, D. Sh.; Ban'kin, V. I.; Bobov, M. A.

TITLE: A method for obtaining bioventine. Class 30, No. 169753

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 7, 1965, 23

TOPIC TAGS: antibiotic, biovetine, chlortetracycline, organic solvent, butylacetate, isopropyl alcohol, calcium chloride

ABSTRACT: This Author Certificate presents a method for obtaining biovetine as described in Author Certificate No. 162635. To broaden the assortment of raw materials, waste products from the production of chlortetracycline raw material. Aqueous solutions of mother liquor and the solutions of the antibiotic in organic solvents (for instance in butylacetate or isopropyl alcohol) are treated with calcium salts, such as calcium chloride. The latter may be introduced into the solution up to a concentration of about 0.5%.

ASSOCIATION: none

SUBMITTED: 31Jan63

ENCL: 00

SUB CODE: CC, LS

NO REF SOV: 000

OTHER: 000

Card 1/1

ABRIKOSOV, N.Kh.; BANKINA, V.F.; KHARITONOVICH, K.F.

Phase diagram of the system Bi - Se. Zhur.neorg.khim. 5 no.9:
2011-2016 S '60. (MIRA 13:11)
(Bismuth) (Selenium)

BANKINA, V.F.

USSR/Electricity - Semiconductors

G-3

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 12232

Author : Abrikosov, N.Kh., Bankina, V.F.
Inst : Institute of Metallurgy imeni A.A. Baykov, Academy of Sciences
USSR, Moscow

Title : Thermoelectric Properties of the Compound CrSb_2 .

Orig Pub : Dokl. AN SSSR, 1956, 108, No 4, 627-628

Abstract : Measurements were made of the electric conductivity and of the thermal emf of alloys Cr-Sb with a Sb content from 80 to 85%, and also the temperature dependence of these values for the compound CrSb_2 (82% Sb). The specimens were annealed for 15 days at a temperature of 5500 to obtain an equilibrium composition. The alloy with 82% Sb has a single-phase structure and had minimum electric resistivity and a maximum thermal emf. CrSb_2 is a chemical compound of the semiconductor type with activation energy of 0.16 and 0.32 ev.

Card 1/1

SOV/137-58-10-21483

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 146 (USSR)

AUTHORS: Abrikosov, N. Kh., Bankina, V.F., Fedorova, G. A.

TITLE: Investigation of the Bi-Te System (Issledovaniye sistemy Bi-Te)

PERIODICAL: V sb.: Vopr. metallurgii i fiz. poluprovodnikov. Moscow,
AN SSSR, 1957, pp 91-96

ABSTRACT: Ref. RZhMet, 1958, Nr 10, abstract 21482

1. Bismuth tellerium alloys--Analysis

Card 1/1

78-3-3-20/47

AUTHORS: Abrikosov, N. Kh. , Bankina, V. F.

TITLE: An Investigation of the Phase Diagram of the System Bi-Te
(Issledovaniye diagrammy sostoyaniya sistemy Bi-Te)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 3, pp. 659-667
(USSR)

ABSTRACT: In the investigation of the phase diagram of the system Bi-Te three intermediate phases were determined beside the compound Bi_2Te_3 .

- 1) The α -phase with the composition $\text{Bi}_{14}\text{Te}_6$, which corresponds to the mineral chedleite. This phase forms after the peritectic reaction at 312°C .
- 2) The β -phase of the compound Bi_2Te . This phase forms according to the peritectic reaction at 420°C .
- 3.) Solid solutions with 35 - 42,5 % tellurium. This phase also forms according to the peritectic reaction at 450°C .

Card 1/2

In alloys with 50 % tellurium an eutectic, enriched with tellurium, occurs. The solubility of Te in the compound

78-3-3-20/47

An Investigation of the Phase Diagram of the System Bi-Te

Bi_2Te_3 is about 1 %. The solubility of Bi was not determined. The thermographic analyses were confirmed by the investigations of the microstructure. In the phase diagram of the system Bi-Te three peritectic horizontals occur, at 312°C with the compound $\text{Bi}_{14}\text{Te}_6$, at 420°C with the compound Bi_2Te and solid solutions of Te, at 540°C - domain of the solid solution with 34 - 42,5 % Te. Determinations of the electric conductivity and thermoelectric force for $\text{Bi}_{14}\text{Te}_6$ and Bi_2Te were also performed. The compound $\text{Bi}_{14}\text{Te}_6$ is characterized by minimum values of electric conductivity and a maximum electrothermal force. The compound Bi_2Te has similar values. There are 7 figures, 2 tables, and 18 references, 8 of which are Soviet.

ASSOCIATION: Institut metallurgii im. A. A. Baykova Akademii nauk SSSR
(Metallurgical Institute imeni A. A. Baykov, AS USSR)

SUBMITTED: June 25, 1957

Card 2/2

S/078/60/005/009/007/017
B015/B064

AUTHORS: Abrikosov, N. Kh., Bankina, V. F., Kharitonovich, K. F.

TITLE: Investigation of the Phase Diagram of the System Bi-Se

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 9,
pp. 2011-2016

TEXT: The system Bi-Se was examined in the range of from 0 to 37% Se by the methods of microstructural analysis, thermal analysis, and measurement of electrical conductivity, as well as of thermo-electromotive force. Thermal analysis was made with a Kurnakov pyrometer by recording the heating curves. The electrical conductivity and thermo-electromotive force were measured with a ППТВ-1 (PPTV-1) potentiometer. The microstructural analyses led to the finding of a new compound with the approximate composition Bi_2Se , which is formed as a result of a peritectic reaction at $468^\circ C$. A range of solid solutions forms on the basis of the compound $BiSe$ at concentrations of from 21 to 32% Se. A peritectic reaction at $607^\circ C$ corresponds to this range. The phase diagram (Fig. 5) of the system

Investigation of the Phase Diagram of the
System Bi-Se

S/078/60/005/009/007/017
B015/B064

Bi-Se was recorded on the basis of the thermal- and microstructural analyses. The polymorphic transformation of BiSe assumed by Tomoshige (Ref. 4) was not proven, and the thermal effect is traced back to the formation of Bi_2Se_3 . The measurements of the electrical conductivity and thermo-electromotive force (Table) show that at slight deviations from the stoichiometric composition of the compound Bi_2Se_3 , the electrical conductivity increases, while the thermo-electromotive force decreases. This is explained by a low solubility of bismuth and selenium in the compound Bi_2Se_3 . S. A. Semiletov and P. P. Konorov are mentioned in the paper. There are 9 figures, 1 table, and 9 references: 2 Soviet, 2 US, 2 French, 2 Italian, and 1 Japanese.

SUBMITTED: May 6, 1959

Card 2/2

L 21766-65 EWI(m)/EWP(b)/T/EWP(t) IJP(c)/SSD/AEDC(a)/AFWL/BSL/ASD(a)-5/ASD(p)-3/
AFETR/ESD(gs)/ESD(t) RDW/JD

ACCESSION NR: AP4029192

S/0078/64/009/004/0931/0936

AUTHOR: Bankina, V. F.; Abrikosov, N. Kn.

TITLE: The Bi₂Te₃ - Bi₂Se₃ system

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 4, 1964, 931-936

TOPIC TAGS: bismuth telluride, bismuth ³selenide¹, bismuth telluride bismuth
selenide system, alloy microstructure, alloy phase transformation.

ABSTRACT: The above system was investigated to settle a disagreement on the existence of Bi₂Te₂Se compound. Above 500C Bi₂Te₃ and Bi₂Se₃ were found to form a continuous series of solid solutions (Fig. 1). The thermal analysis of the alloys annealed at 500 and 300C showed no thermal effects indicating a decomposition of solid solution. However, the curves of the composition dependence of the thermal emf (Fig. 2), Vickers hardness (Fig. 3), microhardness (Fig. 4); heat conductivity (Fig. 5) and electric mobility (Fig. 6); indicated a formation of a compound at a bismuth selenide content of 33.4 mol %, which corresponds to Bi₂Te₂Se. The absence of thermal effects indicates that the compound may be formed by an ordering of solid solution, a second-type phase transformation. The nature of the

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L 21766-65

ACCESSION NR: AP4029192

electric conductivity-temperature curve (Fig. 7) shows the material to be a semi-conductor. Bi Te , Bi Se and Bi Te Se all have a hexagonal lattice, in which the lattice constant decreases continuously from Bi Te to Bi Se . In alloys annealed at 570, 500 or 300C and water-quenched, the magnitude of the lattice constant "a" was not changed but the constant "c" decreased with decreasing annealing temperature. Orig. art. has: 9 figures and 1 table.

ASSOCIATION: Institut metallurgii im. A. A. Baykova Akademii nauk SSSR (Institute of Metallurgy, Academy of Sciences, SSSR)

SUBMITTED: 21Feb63

ENCL: 04

SUB CODE: MM, SS

NO REF SOV: 002

OTHER: 006

Card 2/6

ACC NR: AP6036796

(A)

SOURCE CODE: UR/0363/66/002/011/2076/2077

AUTHOR: Abrikosov, N. Kh.; Bankina, V. F.

ORG: Metallurgical Institute im. A. A. Baykov AN SSSR (Institut metallurgii AN SSSR)

TITLE: Change in the heat conductivity of the crystal lattice during the ordering process in the compound $\text{Bi}_2\text{Te}_2\text{Se}$

SOURCE: AN SSSR. *Izvestiya. Neorganicheskiye materialy*, v. 2, no. 11, 1966, 2076-2077

TOPIC TAGS: bismuth containing compound, tellurium containing compound, selenium containing compound, heat conductivity, crystal lattice

ABSTRACT: The samples were prepared by melting, in evacuated quartz ampoules, the compounds Bi_2Te_3 and Bi_2Se_3 in a ratio of 2:1, with subsequent quenching in ice water. The alloys were then annealed in an argon atmosphere for a period of 1 month, and were again quenched in ice water. During this annealing the samples were brought into an equilibrium state and measurements were made of their heat conductivity, their electric resistance, and their thermo-emf. After this, the samples were subjected to low temperature annealing at 300, 200, and 100°C. After 1-2 hours, the samples were quenched in ice water, and their properties were again measured. It was established that there is a decrease in the heat conductivity of the crystal lattice of an alloy

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UDC: 546.3-10-87-24-22-506

ACC NR: AP6036796

with the composition $\text{Bi}_2\text{Te}_2\text{Se}$ in the initial stage of the ordering processes, which takes place during low temperature annealing. With an increase in the annealing time, the heat conductivity again increases and attains a value corresponding to the ordered state of the crystal lattice. Orig. art. has: 2 figures.

SUB CODE: 20,07/ SUBM DATE: 03Mar66/ OTH REF: 005

Card 2/2

BANKIYERIS, Ya.T.

Manufacturing particle boards by the extrusion method. Der.
prom. 8 no.12:7-8 D '59. (MIRA 13:5)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M.
Kirova.

(Wood, Compressed)

BANKIYERIS, Ya.T.

Utilization of equipment in the manufacture of particle boards,
Nauch. trudy LTA no.97:65-70 '62. (MIRA 17:2)

BANKO.J., Bratislava, ul. Nar. povstania 6

Diagnosis of urinary calculi in children. Lek. obzor 3 no.7-8:440-447 1954.

1. Z Chirurgickej kliniky detskeho veku SU v Bratislave
(URINARY TRACT, calculi
in child., diag.)

BAN'KO, N.V.; TERESHKOV, P.I.

Seminar on the economic aspects of the Ukrainian S.S.R. refractories industry. Ogneupory 29 no.7:332-333 '64. (MIRA 18:1)

1. Ukrainskaya narodnokhozyaystvennaya vystavka (for Ban'ko).
2. Sovet narodnogo khozyaystva UkrSSR (for Tereshkov).

BAN'KO, N.V.; SAVOSKINA, L.S.

Mining and metallurgy at the Exhibition of Progressive Practices
in the National Economy of the Ukrainian S.S.R. Met. i gornorud.
prom. no.4:85-86 J1-Ag '64. (MIRA 18:7)

BANKO, V.P.; DEMIDOVA, L.A.; ILYUSHIN, M.A.; KONDRASHKIN, Ye.P.; kand. tekhn.nauk; MIRKOVICH, R.A.; PLATNIKOVA, G.P.; POROKHIN, A.A., kand. tekhn.nauk; RUMYANTSEVA, O.M.; TEMKINA, R.Z., kand.tekhn.nauk; TIKHONOV, N.F.; SHVARTSMAN, G.M., kand.tekhn.nauk; SHEYDIN, I.A., kand.tekhn.nauk; SMIRNOV, A.V., red.; VOLOKHONSKAYA, L.V., red. izd-va; BACHURINA, A.M., tekhn.red.

[Veneerer's handbook] Spravochnik fanershchika. Vol.2. 1959.
333 p. (MIRA 13:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.
(Veneers and veneering)

MALEVANNYY, V.A.; Primalni uchastiye: BANOKINA, K.I.; BAYAZITOVA, A.I.

Colorimetric determining of aluminum in titanium dioxide pigments.
Lakokras.mat.i ikh prim. no.6:54-56 '62. (MIRA 16:1)

1. Chelyabinskiy filial Gosudarstvennogo nauchno-issledovatel'skogo
i proyektnogo instituta lakokrasochnoy promyshlennosti.
(Aluminum—Analysis) (Pigments)

L 6448-66 EWT(m)/EPF(n)-2/EWA(h) DM

ACCESSION NR: AP5019802

UR/0089/65/019/001/0003/0007
539.17.02.:539.172.4

AUTHOR: Belanova, T. S.; Ban'kov, A. A.; Mikhaylus, F. F.; Stavisskiy, Yu. Ya. ²⁷₂₁

TITLE: Absolute measurements of the absorption cross sections of 24-kev neutrons

SOURCE: Atomnaya energiya, v. 19, no. 1, 1965, 3-7 ¹⁹

TOPIC TAGS: neutron cross section, neutron absorption, measuring apparatus

ABSTRACT: Inasmuch as the published cross section values were obtained by methods sensitive to the softening of the incident neutrons, the authors made their measurements by the transmission method and with a spherical geometry, using an all-wave detector whose efficiency does not depend on the neutron energy in the investigated region. An Sb-Be neutron source, with outside diameter 30 mm and with beryllium cladding 2, 4, and 6 mm, was used. The source intensity was 10^8 neut/sec. The all-wave neutron detector comprised a long counter and an independent water tank with a system of integrating fission chambers. The measurement setup is shown in Fig. 1 of the Enclosure. The measured samples were made in the form of spherical layers with the neutron source placed inside. Some elements were in pure form, and others included a lead-bismuth alloy as a scatterer to improve the accuracy. The errors are analyzed and the data reduction method is discussed in detail. The

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ACCESSION NR: AP5019802

obtained cross sections are listed in Table 1 of the Enclosure. The results agree with the data of Schmitt and Cook (Nucl. Phys. v. 20, 202, 1960) if their correction for resonance blocking is disregarded. Some discrepancies with results by others are mentioned. "The authors thank A. A. Leypunskiy and O. D. Kazachkovskiy for continuous interest in the work, and N. A. Artemov, V. V. Piskunova, Yu. M. Nikitin, and L. Ye. Fedorov for help with the adjustment of the apparatus, the measurements, and the data reduction." Orig. art. has: 3 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 09Nov64

ENCL: 02

SUB CODE: NP

NR REF SOV: 005

OTHER: 008

Card 2/4

L 6448-66

ACCESSION NR: AP5019802

ENCLOSURE: 01

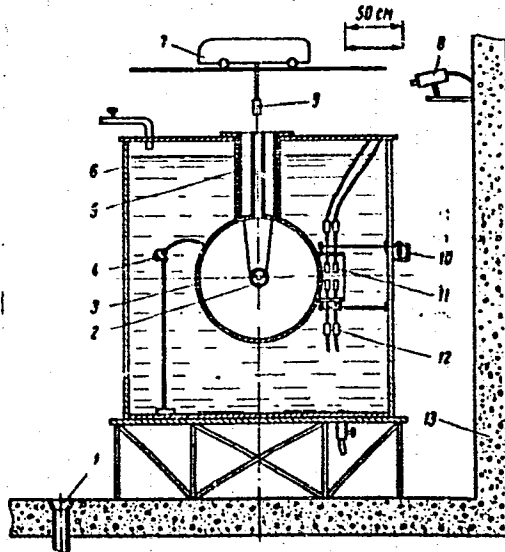


Fig. 1. Diagram of measurement setup (water tank).

- 1 - Well (source storage), 2 - sample,
- 3 - aluminum sphere, 4 - integrating fission chamber, 5 - neck of sphere with "water stopper," 6 - tank body, 7 - transporter for source, 8 - television camera,
- 9 - magnetic clamp for extraction of source, 10 - drive of moving system of flat fission chambers, 11 - flat fission chamber, 12 - cathode follower jacket, 13 - concrete shield.

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ACCESSION NR: AP5019802

ENCLOSURE: 02

Table 1. Averaged 24-kev neutron absorption cross sections

Element	σ_a , mb	Element	σ_a , mb
Cr	10 \pm 4	Sn	128 \pm 9
Cu	59 \pm 8	Sb	580 \pm 73
Zn	64 \pm 7	W	300 \pm 25
Zr	19 \pm 5	Au	570 \pm 30
Nb	270 \pm 15	Hg	233 \pm 30
Mo	182 \pm 12	Pb	43 \pm 7
Ag	980 \pm 60	Bi	3 \pm 3
Cd	384 \pm 20	Th	615 \pm 25
In	776 \pm 66	U ²³⁵	412 \pm 18

leh
Card 4/4

BANKOV, Andrey Yakovlevich; LYAKHOVETSKAYA, T.Ye., redaktor; ZLOBIN, M.V.,
tekhnicheskii redaktor

[Organizing the feeding of sheep on reclaimed lands] Organizatsiia
kormleniia ovets v raionakh osvoeniia tselinnykh zemel'. Alma-Ata,
Kazakhskoe gos. izd-vo, 1956. 13 p. (MLRA 9:10)
(Sheep--Feeding and feeding stuffs)

BANKOV, A. Ya.: Master Agric Sci (diss) -- "The organization of the feeding of sheep in the regions of northern Kazakhstan in which virgin and fallow lands are being cultivated". Omsk, 1958. 23 pp (Omsk State Vet Inst Min Agric USSR), 150 copies (KL, No 4, 1959, 128)

BANKOV, Andrey Yakovlevich; GUSEVA, N., red.; NAGIBIN, P., tekhn.
red.

[Organization of sheep feeding in the Virgin Territory]
Organizatsiia kormleniia ovets v Tselinnom krae. Alma-
Ata, Kazsel'khozgiz, 1962. 54 p. (MIRA 17:2)

BANKOV, B.

"The Industrial Chemistry and Textile Scientific Departments at the Union's Central Committee to Find the Solution to Important Problems", p. 3.
(TEKHNICHESKO DELO, Vol. 5, no. 112, Oct. 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

BANKOV, B.

"Our Successes Achieved by Hard Work." p. 3,
(ZDRAVEN FRONT, No. 46, Nov. 1954, Sofiya, Bulgaria)

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

BANKOV, B.

"Role of the laboratories of the chemical plants for the fulfillment of the Five-Year Plan in shortened periods of time"

Tezhka Promishlenost. Sofia, Bulgaria. Vol. 8, no. 2, Feb. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

BANKOV, B.

"Scientific-Technical Conference on Cement Industry."

p.26 (Stroitelstvo, Vol. 5, no. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

BULGARIA/Chemical Technology. Chemical Products and Their
Applications. Food Industry.

II

Abs Jour: Ref Zhur-Khim., No 8, 1959, 2924.

Author : Bankov, D.

Inst :

Title : The Vitamin Enrichment of Candy Products.

Orig pub: Khimichna Promishlenost, 7, No 8, 21-22 (1958)
(in Bulgarian)

Abstract: No abstract.

Card : 1/1

275

BANKOV, D.

BULGARIA/Diseases of Farm Animals - Diseases Caused by
Helminths.

R.

Abs Jour : Ref Zhur - Bioli, No 6, 1958, 26327

Author : Popov, Atanas; Bankov, Dimit'r

Inst : Ministry of Agriculture and Mining, Department of
Animal Husbandry and Veterinary Sciences.

Title : Analysis of Lamb Ascaridae.

Orig Pub : Nauchni tr. M-vo zemed. i gorite. Ser. zhivotnov'stvo i
vet. delo, 1957, 2, No 2, 27-34

Abstract : Upon examination of 4,856 slaughtered lambs two species
of ascaridae - Ascaris ovis and Neoascaris vitulorum -
were found in many of them. The authors suggest that
the first of these species should be called A. agnorum.
The results of these investigations confirm the point
of view which maintains that independent species of

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BULGARIA/Diseases of Farm Animals - Diseases Caused by
Helminths.

R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26327

ascaridae exist in small ruminants. When more than
10,000 sheep were examined from the same rayons where
ascaridae infestation of the lambs was discovered,
no ascaridae were found.

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