

KUBIC, J.

Standardized charges for the repair of machinery in the machine-tractor stations and possibilities of their reduction. p. 11 (Mechanizace Zemedelstvi Vol. 6, no. 1, Jan. 1956 Praha)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

KUBIS, J.

KUBIS, J. Management according to the principles of business accounting. p. 24.

Vol. 6, no. 2, Jan. 1956
MECHANISACE ZEMEDLSTVI
AGRICULTURE
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

KUBIS, J.

Where are the main shortcomings in the cost accounting at the machine tractor-stations of Nitra District? p. 324.

(Mechanisace Zemedelstvi. Vol. 7, no. 14, July 1957. Praha, Czechoslovakia)

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

KUBIS, J.

Results of an examination concerning the use of wage funds and the increase of average wages in the Kostolna Machine-Tractor Station. p. 393.
(MECHANISACE ZEMEDLSTVI, Vol. 7, No. 17, Sept 1957, Praha, Czechoslovakia)

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

KUBIS, J.

KUBIS, J.

Problem of efficiency in reducing overhead costs for motor fuels in machine-tractor stations.

P. 467 (Mechanizace Zemedelstvi) Vol. 7, No. 20, Oct. 1957 - Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

WIT, J.

"Experience with the mechanization of control in the Slovak machine-tractor stations,"
no. 2 (Mekhanizatsiya Selskoiho Khoz-yaystva, Vol. 2, no. 2, Nov 1960, article, "Mekhanizatsiya")

Monthly Index of East European Accession (EMEA) II, Vol. 2, No. 2, 1960

CZECHOSLOVAKIA

KUBIS, J.; Institute of Experimental Pathology, Medical Faculty,
Comenius University (Ustav Experimentalnej Patologie LFUK),
Bratislava.

"The Role of the Nervous System in the Evacuation of the Cholecyst.

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 86

Abstract: Chronic experiments with dogs are described. The reflex for the evacuation originates in the stomach and is probably a gastro-cholecystic reflex. Cephalic impulsion is not important. Presence of food in the stomach is a necessary condition for the evacuation of the cholecyst. The short period of latency indicates that the evacuation is a reflex mechanism. No references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

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BC A 1

PRECIPITATION AND PROPERTIES

Two- and quadrivalent manganese (chlorides).
 J. H. Kármán and J. Kopp (Ost. Czech. Chem. Commun., 1933, 7, 103-104).—A green solution containing $MnCl_2$ is obtained by passing dry HCl through an ethereal suspension of MnO_2 at -63° . At -76° , a brown solution containing more $MnCl_2$ is obtained. CO_2 and light petroleum ppt. from these solutions a black unstable substance which affords in Et_2O a violet solution containing $MnCl_2$. By replacing MnO_2 with Mn_2O_3 , $MnCl_2$ is obtained, but $MnCl_2$ could not be isolated. Earlier work is criticized.
 J. G. A. G.

METALLURGICAL LITERATURE CLASSIFICATION

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
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J.

5

Detection and colorimetric determination of lead(II) ions

I. Kanda and N. Lilla (Hokkaido Univ., Sapporo, Japan)

Anal. Chem. 42, 1836 (1970)

Seven color reactions for lead(II) ions are reported. The sensitivity of Selig's modification (1961, 34, 147) of the $\text{Ca}(\text{NO}_3)_2$ spot reaction on paper was improved. Lead(II) chloride gives a good reaction. For colorimetric work, the proportions of 0.05 cc. 1% $\text{Ca}(\text{NO}_3)_2$ in 1% CaCl_2 (pH 7.0), 0.05 cc. 1% $\text{Ca}(\text{NO}_3)_2$ and 0.05 cc. 1% CaCl_2 in 1% CaCl_2 (pH 7.0) and 0.05 cc. 1% $\text{Ca}(\text{NO}_3)_2$ and 0.05 cc. 1% CaCl_2 in 1% CaCl_2 (pH 7.0) are the most sensitive color reactions. The detection limit is 0.05 μg of 4.0 mg phosphorus per 100 mg of sample.

① *R. J. H.*

KUBIS, J.; LISKOVA, N.

Preparation of α, β, β -trichloro-ethyl-d-glucuronic acid (urochloralic acid). Bratisl. lek. listy 35 no.9:529-537 1955.

1. Z Ustavu pre lekarsku chemiu LFUK v Bratislave, predn. doc.
dr. J. Kubis.

(ACIDS,
urochloralic acid, prep.)

KUBIS, J.

✓ Polarographic determination of methanol and ethanol.
J. Kubis (Komenského univ., Bratislava, Czech.). *Pro-
ceedings of the 11th, 405-8(1959)*.—In the quant. method
described both alcs. are distd. through a layer of fused
granular $PbCrO_4$ at 300° and at a rate 3 ml./15 min. In
this procedure 3.4% MeOH is oxidized to CH_2O and 15.9%
EtOH, to AcH and the aldehydes then detd. polarographi-
cally in 0.1N LiOH. The smallest detectable concn. is 5
mg. % MeOH and 1 mg. % EtOH and the procedure takes
approx. 1 hr. L. J. Urbánek—

3
1-9-59 (13)

zlw

KUBIS, J. (Bratislava, Sasinkova 2.)

New method of oxidation of methanol; its colorimetric & polarographic estimation. Cns. lek. cesk. 98 no.27:851-856 3 July 59.

1. Chemicky ustav UK v Bratislave, predmosta doc. dr. J. Kubis.
(ALCOHOL, METHYL, determ.
simultaneous determ. of ethanol & methanol, simple appar.
for oxidation of methanol (Cz))

KUBIS, J.; ČAPEK, J.

Determination of thallium in biological material. Bratisl. lek.
listy 44, no.8:467-472 '64.

1. Katedra lekárskej chémie lek. fak. Univerzity Komenského v
Bratislave (vedúci prof. RNDr. J. Kubis).

KUBIS, J.

The influence of sham feeding on gallbladder motility. *Activ. nerv. sup.* 4 no.3/4:462-465 '62.

(GALLBLADDER) (FOOD)

KUBIS, J.; PORGES, E.

A new basis for the scale of atomic weights of natural elements and isotopes - carbon isotope C12. Bratisl. lek. listy 42 no.11/12:680-682 '62.

(CARBON ISOTOPES)

KUBIS, Jan, MUDr. (Bratislava, Revova 35); NIKS, Milan, MUDr., C.Sc. (Bratislava, Leskova 5); HULIN, Ivan (Bratislava, Lesna 353)

Changes in the white blood corpuscles of dogs after simulated feeding.
Biologia 16 no.3:202-208 '61. (EEAI 10:9/10)

1. Katedra experimentalnej patologic a farmakologic Lekarskej fakulty
Univerzity Komenskeho, Bratislava.

(DOGS) (BLOOD)

KUBIS, Jozef, inz.

Examination of the chemical composition of goat milk during
lactation. Prum potravin 14 no.8:438-440 Ag '63.

1. Vyskumny ustav mliekarensky, Praha, pobočka Zilina.

GRZYBEK-HRYNCEWICZ, Krystyna; KUBIS, Krystyna; SLOPIK, Stefan

The opsonizing factor in rabbit serum. Arch. immun. ther.
exp. 12 no.6:670-675 '64

1. Department of Microbiology, School of Medicine, Wrocław;
Department of Bacteriology, Institute of Immunology and Ex-
perimental Therapy, Polish Academy of Sciences, Wrocław.

GRZYBEK-HRYNIEWICZ, Krystyna; LADOSZ, Jadwiga; KUBIS, Krystyna; SLOPIK,
Stefan.

Identification of the opsonizing factor in guinea pig serum
by means of anti-opsonin. Arch. immun. ther. exp. 12 no.6:
676-682 '64

1. Department of Microbiology, School of Medicine, Wrocław,
Department of Bacteriology, Institute of Immunology and Ex-
perimental Therapy, Polish Academy of Sciences, Wrocław.

SLOPEK, Stefan; GRZYBEK-HRYNCEWICZ, Krystyna; LADOSZ, Jadwiga;
KUBIS, Krystyna

Opsonizing factors in rat serum. Pts.1-3. Arch. immn. ther.
exp. 13 no.3:302-330 '65.

1. Department of Microbiology, School of Medicine, Wroclaw;
Department of Bacteriology, Institute of Immunology and Espe-
rimental Therapy, Polish Academy of Sciences, Wroclaw.

KOBIS, L. P.

"Development of the Concept of Intra-atomic Energy."
Thesis for degree of Cand. Physicomathematical Sci.
Sub 20 Oct 49, Moscow Oblast Pedagogical Inst.

Summary 82, 18 Dec 52. Dissertations Presented
for Degree in Science and Engineering in Moscow
in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

KHOKHOLEV, K.I., inzh.; KUBIS, L.P., kand.fiziko-matematicheskikh nauk

Use of a differential dilatometer in laboratory practice.
Stroi. mat. 8 no.8:38-39 Ag '62. (MIRA 15:9)

1. Direktor Dnepropetrovskogo filiala Yuzhnogo nauchno-issledovatel'skogo instituta po stroitel'stvu (for Khokholev).
(Dilatometry) (Slag--Testing)

KUBIS, L.P., kand. tekhn. nauk; BABANINA, T.I., inzh.

Unit for determining the thermal conductivity of building materials. Stroil. mat. 9 no.5:37-38 My '63.

(MIRA 16:7)

(Building materials--Testing)

JANICEK, M.; KUBIS, M.; JANOUSEK, M.; SEKANINOVA, H.

Effect of obesity and some dietary components in the pathogenesis of hypertension. Vnitřní lek. 11 no.2:130-138 F '65

1. I. vnitřní klinika Palackého University, Olomouc (přednosta: prof. MUDr. P. Luk).

JANICEK, H.; JANCUSEK, H.; KUBIS, H.; SEDLACKOVA, E.

Takayasu's disease and syndrome. Experiences with long-term conservative therapy. Vnitri lek. 11 no.4:356-360 Ap'65.

I. I. vnitri klinika Palackeho Univerzity v Olomouci (prednosta: prof. MUDr. P. Iakl).

KUBIS, M.; JANOUSEK, M.; JANICEK, M.; SEDLACKOVA, E.

Changes in heart sounds during pregnancy. Cesk. gynek. 30
no.4:282-286 My'65.

1. I. vnitřní klinika lékařské fakulty Palackého University
v Olomouci (prednosta: prof. dr. P. Lukl.).

KUBIS, M.; VYKYDAL, J.; RESSL, J.; WEINBERG, J.

Phonocardiographic findings in atrial septal defects. Vnitřní
lek. 11 no.6:521-526 Je'65.

I. I. vnitřní klinika Fakultní nemocnice v Olomouci (prednosta:
prof. MUDr. Pavel Lukl).

2
CZECHOSLOVAKIA

RESSL, J; KUDIS, M.

First Internal Medicine Clinic of Purkyne University
(I. vnitřní klinika FÚ), Olomouc (for both)

Brno, Vnitřní lékařství, No 5, 1963, p. 430-436

"Reversibility of Bronchial Obstruction in Mitral
Stenosis."

1955, 1956, 1957.

Available for review in original form in the National Archives and Records Administration. World War II, 1941-1945. A146.

U. S. National Archives, College Park, University of Maryland (phone: 301.837.1000).

HUIS, S.; Smich, V.

The use of photocells in printing. p. 36.
(UMI, Vol. 7, no. 1, Jan. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC. VO. 1, no. 12, Dec. 1957. Incl.

Industrial Medicine

CZECHOSLOVAKIA

UDC: 616:24-003.65 (677.51) - 084:361.1.075.17

KUBIS, Tibor, Okresni Station of Hygiene and Epidemiology (Okresna Hygienicko-Epidemiologicka Stanice), Nitra, Head (Veduci) F. VRBOVSKY.

"Dust Control Committees' Actions in Prevention of Asbestosis."

Prague, Pracovni Lekarstvi, Vol 18, No 5, Jun 66, pp 222-224

Abstract [Author's English summary modified]: The work of the committees is conducted by teams of doctors, engineers and economists. The committees supervise the organization, tightness of the apparatus, and installation for the purification of exhaust gases. 2 Figures, no references. (Manuscript received 28 Aug 65.)

KUBIS, T.

The dust hazard connected with work on cabinet makers' band lathes. Prac. lek 15 no.10:435-437 D '63.

1. Okresná hygienicko-epidemiologická stanica v Nitre, veduci F. Vrbovsky, prom. lekar.

KUBIS, T.; STEPANEK, J.; SIMECEK, J.

Measurement of dust in harvesters of the combine and other types.
Pracovní lek. 13 no.7:329-332 S '61.

1. Okresna hygienicko-epidemiologicka stanica, Nitra, riad. MUDr.
J. Stepanek, Ustav hygieny prace a ochorob z povolani, Praha, reditel
prof. dr. J. Teisinger.

(AGRICULTURE) (DUST)

RADULOV, S.; SUCHY, R.; SISKÁ, J.; LADA, M.; KUBIS, T.

Noise and vibrations in harvesters of the combine and other types investigated within the framework of the international test in Czechoslovakia with special regard to occupational hygiene. Pracovní lek. 13 no.7:332-338 S '61.

1. Oblastný ústav hygieny v Bratislave. Vyskumný ústav bezpečnosti práce BOH v Prahe Státní výskumný ústav tepelné techniky v Prahe. Okresná hygienicko-epidemiologická stanica v Nitre.

(AGRICULTURE) (NOISE) (VIBRATIONS)
(INDUSTRIAL MEDICINE)

KUBIS, Wieslaw

Methodological principles of respiratory exercises for scoliotic children after surgical therapy. Chir. narzad. ruchu ortop. pol. 29 no.1:79-83 '64

1. Z Kliniki Ortopedycznej AM w Warszawie; kierownik: prof. dr. med. A.Gruca.

*

KUBIS, Wieslaw

Observations on vital capacity changes following surgical therapy
of scoliosis in children. Chir.narząd.ruchu. ortop. pol. 28
no.6:615-618 '63.

1. Z Kliniki Ortopedycznej AM w Warszawie. Kierownik: prof.
dr. A.Gruca.

*

GRYS, Eugeniusz; KUBIS, Zofia; PISARSKI, Tadeusz

Fetal chondrodystrophy. Ginek. Pol. 36 no.7:803-808 J1'65.

1. Z I Kliniki Położnictwa i Chorob Kobięcych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. med. W. Michalkiewicz).

ACCESSION NR: AP4033064

P/0034/64/000/004/0144/0147

AUTHOR: Kubisa, Stefan (Master engineer)

TITLE: Method of designing a bimetal measuring timer with a high time constant

SOURCE: Pomiar, automatyka, kontrola, no. 4, 1964, 144-147

TOPIC TAGS: timer, bimetal timer

ABSTRACT: This study was carried out because of the lack of data for the design of bimetal measuring timers in the manufacture of which Poland is interested for power engineering purposes. The author suggests seven independent formulas for carrying out the necessary calculations. With the aid of these formulas the author calculates the parameters of a model timer and compares the results with

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ACCESSION NR: AP4033064

the actual parameters. The results are in good agreement and are as follows:

| | Predetermined or calculated | Model |
|--|-----------------------------|------------|
| Coil drive | | |
| number of turns | 5.6 | 6.5 |
| diameter of winding | 2.1 cm | 2.1 cm |
| width of strip | 0.34 cm | 0.4 cm |
| Basic unit of moment of setting | 50 Gcm/rad | 45 Gcm/rad |
| Difference of zero value of time constant at complete de- flection | 15 min | 14 min |
| Increase in the temperature of: | | |
| the heater | 39°C | 34°C |
| the coil drive - compensating coil | 34°C | 30°C |
| Thermal coefficient β | 1.15 | 1.13 |
| Power input | 2.2 W | 2 W |

Orig. art. has: 5 figures, 14 formulas, and 1 table.

Cord. 2/3

ACCESSION NR: AP4033064

ASSOCIATION: Politechnika Szczecińska Katedra Miernictwa Elektrycznego
(Department of Electrical Measuring, Stettin Polytechnic Institute)

SUBMITTED: 00

DATE ACQ: 15May64

ENCL: 00

SUB CODE: EE, IE

NO REF SOV: 001

OTHER: 003

Card 3/3

Instytut Miar i Miarostwa, Państwowy Instytut Badawczy, ul. Łódzka 101, 60-100 Poznań
Instytut Metrologii, Szczecin Polytechnic, ul. Żmigrodzka 171, 71-011 Szczecin

L 12116-06 T/EM(L)ETI 10 (3) 02/04/1965

ACC NR: AT6022483

(N)

SOURCE CODE: UR/0000/65/000/000/0307/0316

AUTHOR: Suski, L.; Kubish, K.ORG: Polish Academy of Sciences (Pol'skaya Akademiya nauk)

TITLE: Study of the causes of current efficiency decrease in the electrolysis of fused sodium chloride at a liquid lead electrode

SOURCE: Vsesoyuznoye soveshchaniye po fizicheskoy khimii rasplavlennykh soley. 2d, Kiev, 1963. Fizicheskaya khimiya rasplavlennykh soley (Physical chemistry of fused salts); trudy soveshchaniya. Moscow, Izd-vo Metallurgiya, 1965, 307-316

TOPIC TAGS: electrolysis, electrodeposition, sodium chloride, liquid metal, lead, sodium, CURRENT DENSITY

ABSTRACT: The kinetics of reactions decreasing the current efficiency during electrolysis of fused salts were studied by taking as an example the electrodeposition of sodium from fused NaCl on a liquid lead cathode at 800-810°C with a distant anodic compartment. The following equation, expressing the increase in the amount of sodium in the Pb-Na melt as a linear function of the activity of this element in the melt, was derived:

$$\frac{dn_{Na(Pb)}}{dt} = \frac{I}{F} - \frac{qD_{Na} \cdot P_{NaCl}}{M_{NaCl}^2} a_{Na(Pb)}$$

and the range of its applicability was studied by measuring the increase in the amount

Card 1/2

L 42176-66

ACC NR: AT6022483

of sodium in the cathodic melt at three different current densities (0.05, 0.10, and 0.15 A/cm²). The equation was found to apply with sufficient accuracy only at 0.05 A/cm². A marked decrease in the rate of formation of the cathodic melt was observed after the mole fraction range corresponding to a sharp increase in the activity of sodium in the melt was reached. It is concluded that processes leading to the loss of sodium deposited at the cathode are diffusional in character. Orig. art. has: 6 figures and 18 formulas.

SUB CODE: 07/ SUBM DATE: 23Aug65/ ORIG REF: 014/ OTH REF: 008

ne
Card 2/2

KUBISHKIN, G.P. [Kubyshkin, H.P.]

"Utilization of the water resources of Transcarpathia in
the national economy" by K.V. Prymak. Reviewed by H.P.
Kubyshkin. Dop. AN URSR no.8:1106-1107 '61. (MIRA 14:9)
(Transcarpathia--Water resources development)
(Prymak, K.V.)

KUBISHTA, M.

How automatic block systems and relay interlocking systems are being serviced in the Soviet Union. Avtom., telem.i sviaz' 4 no.3:25 Mr '60. (MIRA 13:7)

1. Laboratoriya signalizatsii i svyazi Prashskoy dorogi.
(Railroads--Signaling)

KUBISTA, J., inz. arch.

Infectious disease wards with 60 to 90 beds. Cesk. zdrav.
11 no. 3:105-109 '63.

1. Studijní, typizační a vývojový ústav pro výstavbu
zdravotnických zařízení, Praha.
(COMMUNICABLE DISEASES) (HOSPITAL PLANNING AND CONSTRUCTION)

KUBISTA, M.

KUBISTA, M. Determination of the azimuth by measuring the angle of elevation of the sun. p. 278.

Vol. 5, No. 3, Aug. 1955

UHLI

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, 1956

KUEISTA, M.

New optical theodolites and testing their function.

p. 307 (Rudy) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KUBISTA, Milan, in.

"Handbook of geodetics" by J. Rysavy and J. Cacha. Reviewed by Milan
Kubista. Uhlí 3 no.11: 393 N '61.

1. Dul J. Sverma, Ostrava.

KUBISTA, M., inž.

A coal mine measuring test of the surveyor's level Zeiss
Ni 2. Jomna mech opt 6 no.2:56-61 F '61.

1. Dul J. Sverma, Ostravsko-karvinsky revir.

KUBISTA, Milan, inz.

New mine surveying instruments produced by the factory VEB
Zeiss-Jena. Rudy 10 no.2:44-47 F '62.

1. Dul J. Sverma, Ostravsko-Karvinsky revir.

KUBISTA, Milan, inz.

Polygonal mine surveying from the viewpoint of Czechoslovak and foreign regulations. Uhlí 7 no.4:117-121 '65.

1. Banske stavby Ostravsko-karvinskeho reviru, Ostrava.

S/263/62/000/006/002/015
I008/I208

26-2191
AUTHOR:

Kubista, Miroslav

TITLE: An electromagnetic flowmeter

PERIODICAL: Referativnyy zhurnal, Otdel'nyy vypusk. 32. Izmeritel'-
naya tekhnika, no.6, 1962, 32, abstract 32.6.190P.
(Czech. patent, class 42e, 23/05, No.97130, November
15, 1960)

TEXT: The magnetic circuit of the device consists of two main pole pieces (H), constituting one of the poles of a magnet, and of two auxiliary pole pieces, each of the main H being connected by a magnetic bus-bar with the corresponding auxiliary H, while in the space between them an electrode is inserted. The main feature of the flowmeter is that the magnetic field between the pole pieces does not cross the pipe line along the diameter, but intersects only a part of its cross section, thus permitting a stronger field intensity, and hence a stronger current,

✓B

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S/263/62/000/006/002/016
I008/I208

An electromagnetic flowmeter

which ensures a greater sensitivity and accuracy of the device. The magnetic circuit is divided into two symmetrical equal parts with respect to the field's axis, created by the external magnetic bus-bars and the pole pieces. The auxiliary pole pieces may be shifted along the surface of the pipe-line, creating the required magnetic field. The device may be used for liquids and pulp. There are 2 figures. ✓B

[Abstracter's note: Complete translation.]

Card 2/2

KUBISTA, Miroslav

Railway sections with relay system NVR-1 (KNR-5), Zel dop tech 9
no.9:280 '61.

(Railroads) (Electric relays)

KUBISTA, V.

KUBISTA, V. Savings and safety in the operation of central heating with a correct expansion installation: p. 390

Vol. 4, no. 10, Oct. 1956
POZEMNÍ STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

CZECHOSLOVAKIA

TUHA, H., FOUSTKA, M., KUBISTA, V; Zoological Institute, Faculty of Natural Sciences, Charles University (Zoologicky Ustav Prirodovedecke Fak. UK), Prague.

"Phosphate Inhibition of Anaerobic Glycolysis in an Isolated Right Chamber of Rat."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 120

Abstract: Oxygen consumption of isolated myocardium is a function of the nature of the buffer solution. Phosphate at concentrations above 1mM inhibits both lactate production and glycolysis. 1 Figure, 2 Western references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

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CZECH

/ A note on the method for ascorbic acid assay Václav
 M. Kubista (Československá akademie věd, Praha) Československá
 D. Čechová (Československá akademie věd, Praha) Československá
 Čechová Čechová 69, 916-18 1950. The tissues of the *Hyla*
hemata sometimes contain flavonoid substances interfering
 with the reaction of ascorbic acid (I) with methylene blue.
 Therefore, only such exts. may be analyzed for I where
 added I can be quantitatively recovered. Anthony Ženíšek

KUBISTA, V.

"Carotenoids in Fresh-Water Pulmonata", P. 299, (VESTNIK, Vol. 17, No. 4, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (KEAL), LC, Vol. 4, No. 3, Mar 1955, Uncl.

VUJICATA, V.; OUTWANN, E.

Denervation changes in muscles of insects; glycogen in normal and denervated muscles of *Periplaneta americana*. *Cesk. Fyziol.* 6 no.2: 154-158 1957.

1. Glycogen v normalnich a denervovanych svalch *Periplaneta americana*.
(MUSCLES, innervation,
denervation, eff. on glycogen metab. in insects *Periplaneta americana* (Cz))
(GLYCOGEN, metabolism,
musc. eff. of denervation in insects *Periplaneta americana* (Cz))
(INSECTS,
Periplaneta americana, eff. of denervation on musc. glycogen (Cz))

KUBISTA, V.

KUBISTA, V.; OUTMANN, Y.

Denervation Changes in Insect Muscle; Glycogen in Normal and Denervated muscle of *Periplaneta americana*. *Physiol. bohém.* 6 no.2:188-192 1957.

1. Institute of Physiology, Czechoslovak Academy of Science.

(MUSCLES, metab.

glycogen in normal & denervated muscle of *Periplaneta americana* (Rus))

(GLYCOGEN, metab.

in normal & denervated musc. of *Periplaneta americana* (Rus))

(NERVOUS SYSTEM, physiol.

eff. of denervation on glycogen metab. in musc. of *Periplaneta americana* (Rus))

CZECHOSLOVAKIA / General and Specialized Zoology. P
Insects. Physiology and Toxicology.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78249

Author : Kubista, Vaclav

Inst :
Title : The Influence of Carbon Monoxide and Cyanide on
the Resting Metabolism of Insect Muscle.

Orig Pub : Vest. Ceskosl. spolec. zool., 1957, 21, No. 2,
126-134

Abstract : Experiments were made with preparations of the
metathoracic muscles of *Periplaneta americana*,
and the femur of the grasshopper *Decticus ver-*
rucivorum. The preparations of the muscles con-
sume CO₂ energetically; therefore the latter is
of no use as an inhibitor of respiration. Hydro-
cyanic acid (1) in a millimolar concentration,

Card 1/3

CZECHOSLOVAKIA / General and Specialized Zoology. P
Insects. Physiology and Toxicology.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78249

which does not produce an inhibitory action on
the consumption of O₂ in the muscles of the
cockroach, halves the consumption of O₂ in the
muscles of the grasshopper. By a decimolar
concentration of the I, consumption of O₂ by
the muscles of the cockroach is slightly raised,
but the intensity of respiration by the muscles
of the grasshopper stays on the same level. The
accumulation of lactic acid in the muscles of *P.*
americana in an atmosphere of I is approximately
3 times less than in an atmosphere of N; in the
muscles of *D. verrucivorum* in both cases, lactic
acid accumulates in equal quantities. In the
muscles of both insects, as a result of the ac-
tion of I, the quantity of labile phosphates is

Card 2/3

KUBISTA, V.

Anaerobic metabolism in insect muscles. Cesk. fysiол. 7 no.3:229-230
May 58.

1. Zoologicky ustav Karlovy university, Praha.

(INSECTS,

anaerobic musc. metab. (Cz))

(MUSCLES, metab.

anaerobic in insects (Cz))

KUBISTA, V.; ZELENA, J.

Course of nerve ending degeneration in insect muscles. Cesk. fysiол.
7 no.5:498 Sept 58.

1. Fysiologicky ustav Csav, Praha.

(INTESTINES,

musc. nerve endings degen. in insects (Cz))

(NERVE ENDINGS,

same)

KUBISTA, V.; FOUSTKA, M.

Conditioned reflexes produced by the post-activation potentiation
in the activity of the human visual analyser. Cesk.fysiol. 9 no.3:
255-256 My '60.

1. Zoologicky ustav KU, Praha
(REFLIX CONDITIONED)
(VISION physiol)

CZECHOSLOVAKIA

L. JANSKY and V. KURISTA [Affiliation not stated]

"Regarding the Education of Physiologists - Specialists."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 1, Jan 1963: pp 78-79.

Abstract: Commentary referring to an article by Dr F. HANEK in the same journal. Discussion of quantitative and qualitative inadequacies in the yearly accretion of specialized physiologists in Czechoslovakia. The need for planned and integrative review of needs and decisive action following that is stressed.

1/1

KURISTA, V.; FOLNYKA, M.; HOFMANOVA, O.; MANOUSKA, J.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827020008-

Phosphorus compounds and their relation to autoregulation of energy metabolism in the thoracic muscles of insects. Cesk. fysiolog. 13 no.4:360-364. J1 '64.

1. Zoologicky ustav Karlovy University, Praha a Katedra fysiologie zivocichu Jagellonske university, Krakov.

JUREN, O. MUDr.; KUBISTA, Z., Ing.; PRAZAK, V. Ing.

Value of potassium bichromate test in cement eczema. Pracovni lek.
9 no.4:330-332 Sept 57.

1. I. dermatologicka klinika, Praha, prednosta prof. Dr. K. Gavalowski
A Vyskumny ustav ochrany materialu, Praha, prednosta Ing. M. Roubal.
O. J., Praha 2, Koubkova 10.

(DERMATITIS CONTACT, etiol. & pathogen.
chromium in cement workers, potassium bichromate test
(Cz))

(CHROMIUM, inj. eff.
contact dermatitis in cement workers, potassium bichromate
test (Cz))

~~Chelatometric analysis of electroplating baths. Zdeněk
Kubera. *Chem. Průmysl* (29), 175-6 (1951). -- The method
is outlined and the following procedures are described:
determination of Zn in Zn- and brass-plating baths, Cu in a
plating bath, Cd in Cd-plating bath, cyanide in Cd-plating
bath, Sn in Sn-plating bath, and Ni in Ni-plating bath.
L. A. Helwig~~

MB

MET

ZDENĚK KUBISTA

CZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 1965

Author : Zdenek Kubista

Inst : -

Title : Analysis of Compounds and Baths for Perkerizing
Using Ion Exchangers

Orig Pub: Chem. Prumysl., 1956, 6 No 6, 315 - 317.

Abstract: The solution of the analysed compound (or a sample of the bath) is passed through a layer of a cationite (FN or extra) in the H shape; at this occasion the salts of acids are transformed into corresponding acids, which are titrated off in the issuing solution. After passing 10 ml of the analysed solution, the cationite is washed

Card 1/4

- 133 -

DZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 1965

with 50 ml of water. It is titrated with 0.2 n. NaOH solution using bromophenol blue or a mixed indicator (2 drops of 0.1% solution of dimethyl yellow plus 2 drops of 0.1% solution of methylenc blue); the consumption of the titrated solution is A ml. After that phenolphthalein is added and it is titrated until the color turns red; the consumption of the titrated solution is B ml. 10 ml of the analysed solution is titrated with 0.2 n. NaOH with bromophenol blue or the mixed indicator; the consumption of the titrated solution is C ml. NO_3 is determined with a nitrometer and D is computed, D being the amount of 0.2 n. NaOH solution (in ml) necessary for the titration

Card 2/4

- 134 -

CZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19655

x 0. 12503 x 100. Zn present in compounds and
baths for parkerizing does not interfere.

Card 4/4

- 136 -

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

S/137/62/000/012/007/085
A006/A101

AUTHORS: Kubišta, Z., Bůžek, Z.

TITLE: Acid arc furnaces (a comparison with basic furnaces)

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 46,
abstract 12V290 ("Sb. vědec. prací Vysoké školy báňské Ostravé",
1961, v. 7, no. 7, 799 - 804, Czech; summaries in Russian and
English)

TEXT: The technical and economical indices in the operation of acid and basic arc furnaces are compared, as well as the quality of medium-carbon steel melted in these furnaces. The daily efficiency on acid furnaces is by 40% higher than on basic arc furnaces and gas efficiency is by 50.5% higher. Electric power consumption is by 15% less than on basic arc furnaces. The quality of steel melted in acid arc furnaces is satisfactory. Information is given on the wide use of acid arc furnaces in the USSR and the USA and on the necessity of introducing these furnaces into Czechoslovak plants.

[Abstracter's note: Complete translation]

D. Kashayeva

Card 1/1

4

MD ✓ Influence of Complexon on experimental lead poisoning
Jarůlka Kubířtová (Ústav byg. práce, Prague). *Pracovní
léčarství* 7, 329-33 (1955).—A method was worked out for
inducing acute poisoning with Pb acetate in white mice.
Ca salt of ethylenediaminetetraacetic acid (I) had a con-
siderable detoxicating effect on lethal poisoning, provided
correct dosage was observed, i.e., 3 times daily 200 mg./kg.
intraperitoneally. The mice tolerated I well, its L.D.₅₀
being 4400 mg./kg. intravenously and 9570 mg./kg. intra-
peritoneally. Optimal dosage of I in Pb poisonings in man
is discussed.
L. J. Urbánek

RB
VAC

KUBISTOVA, Jarmila, RNDr.

Effect of edathamil calcium-disodium on experimental lead poisoning
in animals. Pracovni lek. 8 no.3:173-175 June 56.

1. Z Ustavu hygieny prace a chorob s povolani, reditel prof. dr.
J. Teisinger.

(ACETIC ACID, derivatives,
edathamil calcium-disodium, eff. on exper. lead pois. (Cs))
(LEAD POISONING, experimental,
eff. of edathamil calcium-disodium (Cs))

KUBISTOVA, J.

Toxicity of certain calcium salts of dithiocarbamino carbonic acids. Pracovni lek. 8 no.4:260-262 Aug 56.

1. Ustav hygieny prace a chorob s povolani, ved. prof. Dr. J. Teisinger.

(SULFHYDRYL COMPOUNDS, toxicity,
dithiocarbamino carbonic acids (Cz))
(CARBONATES, toxicity,
same)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4"

ACTA MEDICA Sec.2 Vol.10/8 Phy.Stockhm. Aug 57

3664. KUBIŠTOVÁ J. Dept. of Industr. Hyg. and Occup. Dis., Prague. *Effect of edathamil calcium-disodium on lead acetate intoxication (observations of effect on experimental acute lethal intoxication in mice) ARCH.INDUSTR. HLTH 1956, 13/6 (556-560) Graphs 1 Tables 5

Early start and early termination of the treatment with EDTA did not prove as beneficial as a more prolonged course of treatment. Schenkel - Brooklyn, N.Y.

KUBISTOVA, J.

The problem of organic phosphorus insecticides in Czechoslovakia.
Rev. Czech. M. 3 no.4:325-333 1957.

1. Institute of Industrial Hygiene and Occupational Diseases, Prague.

Director: Prof. J. Teisinger.

(PARATHION, tox.
review)

(INSECTICIDES, tox.
organic phosphorus insecticides, review)

KUBISTOVA, JARMILA

Czechoslovakia/Pharmacology. Toxicology. Toxicology. . . V

Abs Jour : Hef Zhur-Biol., No 8, 1958, 37718

Author : Kubistova Jarmila

Inst : Not Given

Title : Effect of CaEDTA [ethylene diamine tetraacetic acid] on the Course of Experimental Lead Intoxication (Vliyanie CaEDTA na techeniye eksperimental'no ostrovo otravleniya svintsom).

Orig Pub : Folia med, 1957, 7, No 6, 329-335

Abstract : Lethal doses (300 mg/kg in 2% solution in doses of 0.3 ml every five minutes) of Pb (CH₃COO)₂ · 3H₂O were intravenously administered to male mice. The animals were treated with various doses of CaEDTA (1) which were intravenously administered. 1 in a total dose of 1150 mg/kg administered in

Card 1/2

Czechoslovakia/Pharmacology. Toxicology. Toxicology. . . V

Abs Jour : Hef Zhur-Biol., No 8, 1958, 37718

Abstract : fraction in a period of 20 hours immediately after the poisoning failed to produce a therapeutic effect. The administration of 1 in doses of 200 mg/kg three times daily for a period of 2 days, followed by the administration of 200 mg/kg a day for a period of a week led to the survival of 100% of the animals, notwithstanding the fact that treatment was begun on the 2nd day after the animals were poisoned. The administration of 1 in the above mentioned doses for a period of 9 days caused no toxic manifestations. Bibliography-9 titles.

Card 2/2

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4"

CZECHOSLOVAKIA / General and Specialized Zoology. P
Insects. Physiology and Toxicology.

Abs Jour : Ref Zhur - Biol., No 17, 0958, No 78251

Author : Kubistova, J.

Inst

Title : Riboflavin in Periplaneta Americana.

Orig Pub : Vest. Ceskosl. spolec. zool., 1957, 21, No. 2,
135-138

Abstract : The content of riboflavin (I) in the developing
eggs and Malpighian vessels of the nymphs and
adults of P. americana was determined. In the
eggs, the I content was very slightly reduced
during 40 days of development. The content of
I is higher in the nymphs than in the adults;
in the grown-up nymphs of both sexes, it is
almost equal before the last ecdysis, but in

Card 1/2

CZECHOSLOVAKIA / General and Specialized Zoology. P
Insects. Physiology and Toxicology.

Abs Jour : Ref Zhur - Biol., No 17, 0958, No 78251

the adult females it is considerably reduced,
which is explained by the expenditure of I for
the formation of the eggs. Almost the entire
I is present in the free state; riboflavinphos-
phate and flavinadeninucleotide are found
only in traces. --- L. A. Sobetskiy.

Card 2/2

KUBISEK, J., Institute of Child Development, Faculty of
Pediatrics (Ústav výzkumu vývoje dítěte, fakulta dětského
lékařství), Prague.

"Simultaneous Extraction and Estimation of Microgram
Amounts of Parathion and p-Nitrophenol in Animal Tissues."

Práce, Pracovní lékařství, Vol 15, No 3, April 63, pp
108 - 110.

Abstract (Author's English summary modified): A rapid and
simple method for the purpose is described. Sample is ex-
tracted by acetone, this solution is extracted by chloro-
form, which is treated with a solution of sodium carbonate.
This gives free p-nitrophenol. Sum of this and of para-
thion is determined by chloroform extraction and alkaline
hydrolysis.

3 Tables, 10 Western, 5 Czech, 1 German reference.

1/1

CZECHOSLOVAKIA

KUBISZYWA, J., Dr of Natural Sciences, Institute of Work Hygiene and Occupational Diseases (Ústav hygieny práce a chorob z povolání, Prague), Professor Dr J. WEISINGER, Dr of Sciences, Kladno.

"Influence of Sodium Rhodisonate on Acute Barium Chloride Poisoning in Man"

Prague, *Hygienická práce*, Vol XV, No 4, May 63, pp 164-166.

Abstract [and an English summary]: Sodium rhodisonate reduces in a statistically significant manner the mortality of animals intoxicated with barium chloride only if rhodisonate is administered orally or if the oral dose is several times larger than the parenteral dose. If a quarter or more of the total amount is administered parenterally, rhodisonate does not affect the course of barium chloride intoxication in a statistically significant manner. Twenty references, including 1 Czech and 1 Yugoslav.

1/1

KUBISTOVA, Jarmila; FOLACEK, Emil

Evacuation of glucose solutions from the stomach of rats in hypotonic hyperhydration. Acta Univ. Carol. [Med.] (Praga) 10 no.3:231-239 '64.

1. Ustav vyzkumu vyvoje ditete fakulty detskeho lekarstvi University Karlovy v Praze (reditel prof. MDr. J. Honstek, DrSc.).

Parasitology

CZECHOSLOVAKIA

KUBISTOVA, J., SETH, D; Parasitological Institute, Czechoslovak Academy of Sciences (Parazitologicky Ustav CSAV), Prague.

"Propanediolphosphate in the Muscles of *Ascaris Lumbricoides*."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 121

Abstract: The bulk of the phosphorus in the muscles of *Ascaris lumbricoides* is present as propanediolphosphate. Although this compound was found previously in various animals, it was only in very small amounts, not as the main P carrier. 6 Western references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

KUBISTOVA, VLASTA

KUBISTOVA, Vlasta, MUDr; PETERU Miroslav, MUDr

Iridocyclitis as late result of benign leptospirosis. Cesk. ofth.
11 no.1:22-26 Feb 55.

1. Z II oční kliniky v Praze-předn. akademik Jaromír Kurz, a z
ústavu pro parazitologii v Praze-předn. prof. Dr. Otto Jirovec.
(IRIDOCYCLITIS, complications
leptospirosis, benign, late result)
(LEPTOSPIROSIS, complications
iridocyclitis as late result)

KUBISTOVA, Vlasta, Dr

The course of keratitis parenchymatosa during cortisone therapy.
Cesk.ofth. 11 no.4-5:323-325 1955.

1. Z II. očni kliniky Karlovy university v Praze, prednosta akademik
Jaromir Kurs.

(KERATITIS

parenchymatous, eff. of local cortisone oinment ther.
of congen. syphilis)

(SYPHILIS, CONGENITAL, therapy

cortisone oinment, local application, eff. on
parenchymatous keratitis)

(CORTISONE, effects

on keratitis, parenchymatous, in local oinment ther.
of congen. syphilis)

KUBISTOVA, V. ¹²; JIROVEC, O.

Ophthalmic significance of acquired toxoplasmosis in adults.
Cesk. ofth. 13 no.1:57-68 Feb 57.

1. II. Oční klinika Karlovy university v Praze. Přednosta akademik
Jaromir Kurz Protosociologicka laborator Cs. akademie ved. Ved.
akademik Otto Jirovec.

(TOXOPLASMOSIS

eye, acquired (Cs))

(EYE DISEASES

toxoplasmosis, acquired (Cs))

KUBISTY, Wladyslaw; CYGAN, Tadeusz

Transthoracic surgery of tumors of the left kidney. *Polski przegl. chir.* 27 no.6:577-581 Je '55.

1. Z chirurgicznego Oddzialu Szpitala Miejskiego Nr 1 w Bytomiu
Ordynator: dr med. W. Kubisty.
(KIDNEYS, neoplasms,
surg., transthoracic approach)

KUBITSY, Waldyslaw

Plastic repair of the stomach with loop of the transverse colon following partial excision. Polski przegl.chir. 27 no.10:947-955 Oct. '55.

1. Z Oddzialu Chirurgicznego Szpitala Zespolonego Nr. 1 w Bytomiu Dyrektor: dr med. W. Kubisty. Bytom, ul. Zeromskiego 7.

(STOMACH, surgery,
plastic repair of resected portion with transverse colon)

GIBINSKI, Kornel; ~~KUBISTY, Wladyslaw~~; MROMLINSKA, Maria; ZMUDZINSKI, Jerzy

Observations on Moroney's excision and formation of the stomach.
Polski tygod. lek. 11 no.26:1189-1190 25 June 56.

1. Z III Kliniki Chor. Wewn. A.M. w Bytomiu; kier. prof. dr.
Kornel Gibinski z Oddz. Chirurg. Szpitala Miejskiego Nr 1 w
Bytomiu; ordynator: dr. med. W. Kubisty; i z Oddz. Radiologicznego
Szpitala Miejskiego Nr 1 w Bytomiu; ordynator: dr. med.
M. Mromlinska. III Klin. Ch. Wewn. Szl. Ak. Med. Bytom, Batoiego
15.

(STOMACH, surgery,
Moroney's operation (Pol))

KUBISTY, W.; GIBINSKI, K.; MROMLINSKA, M.

Further history of patients after gastric resection with simultaneous reconstruction. Polski tygod. lek. 12 no.50:1930-1932 16 Dec 57.

1. (Z III Kliniki Chorob Wewn. Sl. Akad. Med. w Bytomiu; Kierownik: prof. dr med. Kornel Gibinski; z Oddz. Chirurgicznego Szpitala Nr 1 w Bytomiu, ordynator i dyrektor: dr med. W. Kubisty i z Oddz. Radiologicznego tego Szpitala, kierownik: dr med. M. Mromlinska). Adres: Bytom, ul. Batorego 15. III Klin. Chor. Wewn. Sl. A.M.

(GASTRECTOMY

follow-up of cases with simultaneous reconstruction (Pol))

SAFARZYNSKA-RYBKA, Irena; KUBISTY, Wladyslaw; ROMANOWSKI, Bogdan

Case of neurosarcoma of the stomach. Polskie arch. med. wewn. 28 no.6:
909-916 1958.

1. Z III Kliniki Chorob Wewnętrznych Sl. A. M. w Bytomiu Kierownik:
prof. dr med. K. Gibinski Z Oddziału Chirurgicznego Szpitala Nr 1 w
Bytomiu Kierownik: dyr. dr med. Wl. Kibisty Z Zakładu Radiologii
Lekarskiej Sl. A. M. w Zabrze Kierownik: prof. dr med. S. Jamszkiewicz.
Adres autora: Bytom. Batorego 15. III Klinika Chorob Wewn. A. M.

(STOMACH NEOPLASMS, case reports

fibrosarcoma (Pol))

(FIBROSARCOMA, case reports

stomach (Pol))

CZABANOWSKI, Juliusz

NAME, Given Names

(2) (2) (2)

Country: Poland

Academic Degrees: /not given/

Division of Internal Diseases (Oddzial Chorob Wewnetrznych),
Municipal Hospital No. One (Szpital Miejski No 1.), Bytom;

Director: W. KUBISTY, Dr. med; Ordynator: Z. MLYNARSKI, Dr. med

Source: Warsaw, Przegląd Lekarski, Vol XVII, Ser II, No 8, 1961, pp 308-309.

Data: "Diagnostic Difficulties of Endocarditis."

72

Country : Poland D
Category : Cosmochemistry, Geochemistry, Hydrochemistry.
Abs. Jour : Referat Zhur -- Khim, No 13, 1959 45393
Author : Kubisz, J.
Institut. : Polish Academy of Sciences
Title : Minerals of the Hexahydrate Group from Boleslaw
Near Olkusz
Orig. Pub. : Bull Acad Polon Sci, Ser Sci Chim, Geol et Geograph,
6, No 7, 459-465 (1958) XXXVIII
Abstract : Ore obtained from a polymetallic mine [sic] at
elevated air temperatures (up to 50°) [sic] has
been found to contain hexahydrate sulfates of
Zn, Mg, and Fe. The author has made a chemical,
physical, optical, and x-ray analysis of biankito
[?] and hexahydrate proper. The following chemi-
cal composition was found (in %): ZnO 13.73,
11.75; FeO 5.09, 3.85; H₂O 1.37, 11.75; MnO 0.06,
0.11; Al₂O₃ 1.19, -; SO₃ 30.61, 52.64; H₂O 42.77,
46.65; total 99.67, 99.68. On the basis of the

Card: 1/3

Country : Poland
Category : Cosmochemistry. Geochemistry. Hydrochemistry. D
Abs. Jour : Referat Zhur -- Khim, No 13, 1959 45393
Author :
Institut. :
Title :
Orig Pub. :
Abstract : above data the author proposes the formulas
($Zn_{0.65}Fe_{0.2}Mg_{0.15}$) $SO_4 \cdot 6H_2O$ and ($Mg_{0.72}Zn_{0.15}$ -
 $Fe_{0.13}$) $SO_4 \cdot 6H_2O$. Blankite was also prepared by
the evaporation of the water collected in the
workings; the analysis of samples prepared by
the latter procedure was as follows (in %):
 SO_4^{2-} , 19.8; total Fe, 4.7; Zn^{2+} , 4.4; Mg^{2+} , 0.3;
 Ca^{2+} , 0.5; Al^{3+} , 1.0; Mn^{2+} , 0.02. The minerals
of the hexahydrate group appear to be isomorphic
mixtures of three basic molecules: ferrihexa-
hydrate, $FeSO_4 \cdot 6H_2O$; zinc hexahydrate, $ZnSO_4 \cdot 6H_2O$

Card: 2/3

Country : Poland
Category : Cosmochemistry. - Geochemistry. Hydrochemistry.

D

Abs. Jour : Referat Zhur - Khim, No 13, 1969

45393

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : and magnesium hexahydrate, $MgSO_4 \cdot 6H_2O$. On the basis of the data obtained the author proposes a new nomenclature for the minerals of this group.

G. Volkov

Card: 3/3

KUBISZ, J.

Occurrence of minerals of the jarosite family in Poland. *Bul. Ac
Pol chim* 6 no.12:785-791 '58. (KEAI 9:6)

1. Department of Mineralogy and Petrography, School of Mining and
Metallurgy, Cracow. Presented by A.Bolewski.
(~~Polish~~ Jarosite)

KUBISZ, J.; ZABINSKI, W.

The jarosites from the Silesia-Krakow zinc and lead ore deposits.
Bul Ac Pol chim 6 no.12:793-797 '58. (EMAI 9:6)

1. Department of Mineralogy and Petrography, School of Mining and
Metallurgy, Cracow. Presented by A.Bolewski.
(Poland-- Jarosite) (Poland-- Zinc) (Poland-- Lead)

KUBISZ, J.; MICHALEK, Z.

Minerals of the oxidized zone of the menilite beds in the Carpathians.
Bul Ac Pol chim 7 no.10:765-771 '59. (KAI 9:6)

1. Department of Mineralogy and Petrography, School of Mining and Metallurgy, Cracow. Committee on Geological Sciences, Polish Academy of Sciences, Cracow Branch. Presented by A. Bolewski.
(Poland-- Menilite) (Carpatian Mountains)

KUBISZ, J.; SMOLARSKA, I.

Meta-autunite from the Inner Sudeten Trough. *Bul geolog PAN* 8 no.1:
31-35 '60.

1. Department of Mineralogy and Petrography, School of Mining and
Metallurgy, Cracow. Presented by A. Bolewski.

(Autunite)

KUBISZ, J.

Hydronium jarosite — $[H_3O]Fe_3[(SO_4)_2(OH)_6]$. Bul geolog PAN 8 no.2:
95-99 '60.

1. Department of Mineralogy and Petrography, Academy of Mining and
Metallurgy, Cracow. Presented by A. Bolewski.

(Oxonium ion) (Jarosite)