

JARDAS BOSILJKA

1. The Espionage and Sabotage Department of  
 the Ministry of Internal Affairs of the  
 Federal Republic of Germany, Bonn, on 17.09.53.  
 2. The U.S. Embassy in Bonn, Germany, Bonn, on 17.09.53.  
 3. The U.S. Embassy in Bonn, Germany, Bonn, on 17.09.53.  
 4. The U.S. Embassy in Bonn, Germany, Bonn, on 17.09.53.  
 5. The U.S. Embassy in Bonn, Germany, Bonn, on 17.09.53.

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JARDAS, E.

Annual convention of the Pharmaceutical Faculty of the  
Zagreb University. Farmaceut gl. Zagreb 19 no.11:432-434.  
N°63.

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JARDEZKY, W. -

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TARDET RY, W.

11/25/51

JARDETZKY, Wenceslas, 1896-

(Principles of theoretical physics) Beograd, 1941. 400 p.

JARDETZKY, WIACZESŁAW.

JARDETZKY, WIACZESŁAW. On the Migration of Poles. Poznanskie Towarzystwo przyjaciol nauk. Bulletin. Serie B: sciences mathematiques et nautrelles, 1949, no. 10, p. 75-86.

JAREC, Dusan, ing.

Equipment for level indication. Automatika 2 no.4:234-239 0 '61.

JARECKA, Leokadia (Warszawa)

Larvae of tapeworms in the lake Goldapiwo. Wiadomosci parazyt.,  
Warsz 2 no.5 Suppl:203-204 1956.

1. Zaklad Parazytologii UW.  
(TAPEWORMS,  
larvae in lakes (Pol))



JARECKA, Leokadia

Life cycles of tapeworms from lakes Goldapiwo and Maury Polnocne.  
Acta parasit 8 no.1/7:47-66 '60. (EEAI 9:10)

1. Department of Parasitology, Warsaw University, Head: Prof.  
Dr. Wincenty L. Wisniewski. Authors address: Zaklad Parazytologii  
PAN Warszawa, Pasteura 3.  
(Poland--Tapeworms)

JARECKA, L.

Separation of sexes and quantitative regulation in Cestodes of the genus *Diploposthe* Jacobi, 1896 (Cestoda-Diplopostidae). *Bul Ac Pol biol* 8 no.4:155-157 '60. (EEAI 9:10)

1. Institute of Parasitology, Polish Academy of Sciences. Presented by W. Stefanski.

(SEX (BIOLOGY))  
(CESTODA)  
(DIPLOPOSTHIDAE)

JARECKA, Lookadia (Warszawa, Pasteura 3)

The investigation methods on development cycles of tapeworms parasitizing in fresh-water animals. Wiad parazyt 7 no.4/6: 832-838 '61.

1. Zaklad Parazytologii, Polska Akademia Nauk, Warszawa.

JARECKA, Leokadia

The investigation methods on development cycles of tapeworms parasitizing in fresh water animals. Wiadomosci parazyt., 7 no. 4/6:833-838 '61.

1. Zaklad Parazytologii PAN, Warszawa.  
(FISH microbiol) (TAPEWORM)

JARECKA, Leokadia

Morphological adaptations of tapeworm eggs and their importance in the life cycles. Acta parasit Pol 9 no.22/30:409-426 '61.

1. Department of Parasitology, Polish Academy of Sciences. Head: prof., dr. Witold Stefanski. Authoress' address: Zaklad Parazytologii P.A.N., Warszawa, Pasteura 3.

P/035/61/000/005/001/001  
A076/A126

AUTHOR: Jarecki, Antoni, Master of Engineering

TITLE: Problems of strength connected with the construction of pressure vessels for low-temperature service

PERIODICAL: Przegląd Mechaniczny, no. 5, 1961, 132 - 135

TEXT: Due to the increasing demand for pressure vessels in chemical and petro-chemical industry, the author conducted a number of pressure tests in order to determine steel parameters, impact strength in low temperature, frailty parameters and other factors influencing or speeding up the bursting point in pressure vessels. Contemporary investigations in this field made by Joffe, N.N. Davidenkov, J.B. Friedman, G.W. Użytko, T. Pełczyński and others showed that weakness and plasticity of metal are not specific properties, but depend on temperature, pressure and on the speed of plastic deformation. The danger of weakness destruction in room temperature are shown by results obtained by I. Class, (Ref. 4: "Werkstoff-Fragen bei Hochdruckapparaten der chemischen Industrie", VDI no. 2, 1955 (The Question of Material of High Pressure Vessels in Chemical Industry)), and the results obtained by the Komisja Przygotowawcza (Preparatory

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Problems of strength ...

P/035/61/000/005/001/001  
A076/A126

Commission) established by the MPC in 1953, which prepared production of high pressure vessels. A pressure vessel designed by Master of Engineering J. Kamocki of the Centralne Biuro Aparatury Chemicznej (Central Office of Chemical Apparatuses) in Kraków based on calculations made by Professor, Doctor Z. Kłębowski, was tested by the author; The vessel wall was made of three 20 mm thick layers. The vessel mantle was made of B41K type carbon steel. The working pressure was estimated at 325 atm. The closing sections were reinforced. The tests were carried out on a special stand at the Fabryka Kotlow (Boiler Plant) in Raciborz in a closed room. The water temperature inside the vessel was 15 ÷ 17°C. The vessel burst at 700 atm. In spite of the fact that mechanical properties conformed with Polish standard Pn/H 92 123 for boiler sheet metal before test, metal weakness was the cause of destruction. Winding construction pressure vessel designed by the author and Master of Engineering Z. Zborowski showed after similar test weakness destruction. The vessel was to operate at 425 atm and destruction occurred at 1,065 atm. The author concludes that further research on this subject is necessary and steps should be taken by the Urząd Dozoru Technicznego (Office of Technical Supervision) to change the present standards of pressure vessels. There are 2 photos, 7 figures and 10 references: 6 Soviet-bloc and 4

Card 2/3

JARECKI, Antoni, mgr., inz.

The importance of tests on the strength of materials for the design of chemical equipment. Przegl mech 20 no.24:750-752 '61.

1. Akademia Gorniczo-Hutnicza, Krakow.

(Chemical apparatus) (Strength of materials)



P/032/62/009/001/003/004  
D265/D308000000  
AUTHOR:

Jarecki, Antoni (Cracow)

TITLE:

Cylindrical shell showing deviations from the correct shape subjected to shear and normal load

PERIODICAL: Archiwum budowy maszyn, v. 9, no. 1, 1962, 113 - 122

TEXT: Starting from the basic equations due to A.S. Volmir, the approximate solution is obtained assuming the deflection of the shell in the form of

$$w = f_{11} \sin \frac{\pi x}{L} \sin \frac{\pi y}{b} + f_{22} \sin \frac{2\pi x}{L} \sin \frac{2\pi y}{b}. \quad (4)$$

Hinged supports along the edges which are free to move in the circumferential direction are assumed. Bubnov-Galerkin method of solution is followed and the results are confronted with those obtained by J. Leyko (Ref. 2: Archiwum budowy maszyn, v. 7, no. 2, 1960). For the assumed shell parameters the values of the shear stresses are determined as the function of the deflection of the shell, the normal load and the initial deflection. The influence of the ini-

Card 1/2

Cylindrical shell showing ...

P/032/62/009/001/003/004  
D265/D308

tially deflected shells on the upper value of the critical load is shown on graphs; in the case of the initial deflection equal to  $1/4$  of the thickness the reduction of the critical load reaches 47 %. There are 4 figures.

SUBMITTED: September 1961

Card 2/2

BURYLOWSKI, W. inz.; JARECKI, T. inz.

Modern lighting of the thoroughfares in Warsaw. Wiad elektrotechn  
31 no.10:229-231 0 '63.

1. Biuro Projektow Budownictwa Komunalnego Stolica, Warszawa.

JANK, P.

Commutative regular semi-groups, Col math 12 no.2:195-208 '64.

1. N. Copernicus University, Torun. Submitted March 20, 1963.



DUBIKAJDIS, I.; PAREK, P. (Torun)

(commutative elementary presemigroup and commutative regular semigroup. Col math 12 no.2:187-193 1964.

I. N. Copernicus University, Torun. Submitted February 26, 1963.

JAREMA, B.

JAREMA, B. The situation and additional means for development of livestock breeding. p. 1

Vol. 8, No. 1, Jan. 1956

GOSPODARKA MIESIĄCA

TECHNOLOGY

Warszawa, Poland

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

JAREMA, M.

JAREMA, M.:

"Effect of Pavlov's Teaching on Contemporary Medicine," Polski Tygodnik Lekarski, 5/21, 22 May 50.



JAREMA, m.

JAREMA M.

Prof. dr Tadeusz Markiewicz. Polski tygod. lek. 5:21 22 May 50  
p. 838-9.

1. NAI  
CLML Vol. 20, No. 2 Feb 1951

Jarema M., M.

JAREMA M.

Nerwowe i psychiatryczne objawy nadczynności tarczycy. /Neural  
and psychiatric manifestations in hyperthyroidism/ Polski  
tygod. lek. 6:1-2 8 Jan 51 p. 12-7.

1. Of the Neurological Clinic (Head--Michal Jarema, M.D.) of  
the Maritime Medical Academy, Szczecin.  
CJML Vol. 20, No. 10 Oct 1951

JAREMA, M.

Cerebral cortex functions according to Pavlov. Polski tygod.  
lek. 6 no. 38:1209-1214 17 Sept 1951. (CLML 21:3)

1. Of the Neurological Clinic (Head--M. Jarema, M. D.) of the  
Maritime Medical Academy, Szczecin.

JAREMA, Michal, Szczecin, ul. Wojciechowskiego 8

Brain angiography. Polski tygod. lek. 10 no.1:1-6; contd. 3 Jan 55.

1. Z kliniki chorob nerwowych P.A.M. w Szczecinie; kierownik Michal  
Jerema, we wspolpracy z Zakladem Radiologii P.A.M. w Szczecinie  
(ANGIOGRAPHY  
cerebral)  
(BRAIN, radiography  
angiography)

*JARCIJA*

POLAND/Morphology of Man and Animals (normal and Pathological); Experimental Methods and Technique. 3-1

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26370

Author : Jarcin, M.

Inst :

Title : Cerebral Angiography and Its Significance in the Diagnosis of Intracranial Pathology.

Orig Pub : Posteri. neurol., neurochirurg. i psichiatrii, 1956, 2, 35-60.

Abstract : No abstract.

Card 1/1

JAREMA, Michal; KULCZYCKI, Jerzy

Considerations on porencephalia with a description of a case  
of the "encephaloclastic" form. Neur. &c. polska 10 no.1:17-28  
Ja-F '60.

1. Z Kliniki Chorob Nerwowych P.A.M. w Szczecinie, Kierownik:  
doc. dr. med. M. Jarema.  
(BRAIN dis.)

JAREMA, Michal

Kymographic registration of cerebrospinal fluid pressure in patients after cerebral stroke. Neur. &c.polska 10 no.6:749-757 '60.

1. Z Kliniki Chorob Nerwowych P.A.M. w Szczecinie, Kierownik: doc. dr med. M.Jarema.

(CEREBRAL HEMORRHAGE diag)

(CEREBROSPINAL FLUID)

JAREMA, Michal; ZAJDEL, Maria

Current views on cerebral blood supply disorders in diseases of the heart and lungs. Polski tygod. lek. 16 no.47:1827-1830 20 N '61.

1. Z Kliniki Chorob Nerwowych P.A.M. w Szczecinie; kierownik: doc. dr med. Michal Jarema.

(CEREBROVASCULAR DISORDERS etiol) (LUNG DISEASES compl)  
(HEART DISEASES compl)



JAREMA, Michal

Recent achievements of cerebral angiography in the Vienesse  
Clinic. Pol. tyg. lek. 18 no.46:1741-1744 il N°63

1. Z Kliniki Chorob Nerwowych Pom. AM w Szczecinie; kierownik:  
prof.dr.med. Michal Jarema.

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JARES, Frantisek

High-frequency equipment for welding plastics. Kozarstvi 13  
no.8:233-236 Ag '63.

1. Zavody elektrotepelných zarizení, Vyzkumny ustav, Praha.

JARES, Frantisek

Technical parameters of high frequency welding equipment.  
Kozarstvi 15 no.3:79-82 Mr '65.

1. Research Institute of the Zavody elektrotpeplnych zarizeni,  
Prague.

JARES, Jiri; KAZDA, Ivo, inz.

Mechanization of concrete work on the construction of Ohre River  
water conduit. Nova technika no.2:69-70 '60.

1. Vodni stavby n.p., Litvinov.

(Aqueducts) (Concrete construction)

JARES, Josef

Influence of the end effect on the rise of the volt-ampere characteristic in a corona stabilizer. Sdel tech 10 no.4: 137-138 Ap '62.

John Jacobson, et al., CARES, 1966

Consequences of bar gardening. (Steno) v. 13 no. 10. 1966 p. 166.

**"APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619520007-1**

**APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619520007-1"**

JARES, Jiri

Experience with sewer finishing equipment used in the construction of an open feeding canal on the Ohre River. Inz stavby 10 no.3: Suppl.26-31 Mr '62.

1. Vodni stavby, n.p., projektova sprava, Praha.



JARES, M.

Work timetables of the plan for building construction. p. 237  
(POZEMNI STAVBY, vol. 2, no. 8, Aug. 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,  
Nov. 1955, Uncl.

JAMES, M.

Utilization of basic technical reports for simplified budget documentation.  
p. 283.

Vol. 2, no. 9, Sept. 1954

POZEMKI STAVEBY

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8, August 1956

9.3140

Z/037/60/000/005/048/056  
E192/E382

AUTHOR: Jareš, V.

TITLE: Current-density Distribution in Electron Beams <sup>al</sup>

PERIODICAL: Československý časopis pro fyziku, 1960,  
No. 5, p. 486

TEXT: A method for measuring the current-density distribution in a radially symmetrical electron beam is described. The method is based on measuring the currents corresponding to the individual portions of the electron beam taken over its circular cross-section. A measuring equipment is described. This was employed for determining the principal parameters for the current-density evaluation in the electron beams having a diameter from 1 - 10 mm; the results are illustrated graphically. An analytical function describing the current density of curves is given. VB

ASSOCIATION: Výzkumný ústav pro vakuovou elektrotechniku,  
Praha (Research Institute for Vacuum  
Electrotechnology, Prague)

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Z/037/62/000/005-6/006/049  
E140/E562

AUTHOR: Jareš, Vl.

TITLE: Electron immersion objective

PERIODICAL: Československý časopis pro fyziku, no. 5-6, 1962,  
468-470

TEXT: Describes a system for the experimental investigation of electron-optical characteristics of immersion objectives for X-ray image converters, such as, resolution, image geometry, magnification etc. A photocathode was developed which permits re-use after each exposure to air. The system consists of an aluminum disc with inset tungsten meshes of variable pitch, heated by tungsten filaments (Figs. 2 and 3). This permits the properties of the immersion objective to be varied and the effects of each change observed on the screen of the converter S (Fig. 1). There are 4 figures.

ASSOCIATION: Výzkumný ústav vakuové elektrotechniky, Praha  
(Research Institute for Vacuum Engineering, Prague)

Card ~~1/2~~

Figs 1, 2.

JARES, V., inz.

The 2nd Conference on Electronics in Prague. Slaboproudy obzor  
23 no.7:426-428 J1 '62.

JARES, Vladimir, inz., C.Sc.

Increasing the efficiency of deflection circuits for television picture tubes. Slaboproudy obzor 23 no.11:615-621 N '62.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

JARES, Vladimir, inz., ScG.

Channeled image intensifiers. Slaboproudy obzor 24 no.6:356-  
363 Je '63.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

JARES, V., inz.; SCOBAK, K.

Vidicons without lattice. Slaboprůdy obzor 24 no.10:620 C '63.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.



JARES, Vladimir, inz.; NOVOINY, Beno

An X-ray image intensifier with 190 mm. diameter. Slaboproudy  
obzor 25 no.1:11-17 Ja'64.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

FRIBYL, Frantisek, inz.; JARES, Vladimir, inz. CSc.

Problems of a flat picture tube. Sdel tech 12 no.1:6-11 Ja'64.

JARES, Vladimir, inz. OSs.

"Electronic and ionic apparatus" by V.N.Dulir. Reviewed by  
Vladimir Jares. Slataproudy obzor 25 no. 7:Suppl. literatura  
25 no. 7sL53 '64.

JARES, V., inz.

Electrostatic vidicon. Slaboproudy obzor 25 no.9:552-554 S '64.

RFICHEL, Theofil; JANKO, J. (1962)

Some characteristics of transmission secondary conductors.  
Sbor vak elektrotech 4:127-136 '64.

I. Research Institute of Vacuum Electrical Engineering, Prague.  
Submitted April 1962.

L 10475-86 EWT(1)/EWA(m)-2 IJP(c) AT

ACC NR: AP6003697

SOURCE CODE: CZ/0039/65/026/001/0019/0026

AUTHOR: <sup>44,55</sup> Jares, Vladimir -- <sup>44,55</sup> Yares, V. (Engineer, Candidate of sciences)

58B

ORG: Research Institute for Vacuum Electrical Engineering, Prague (Vyzkumny ustav pro vakuovou elektrotechniku)

TITLE: Electron gun with reflex modulation

SOURCE: Slaboproudny obzor, v. 26, no. 1, 1965, 19-26

TOPIC TAGS: electron gun, electron lens, signal modulation

ABSTRACT: The principle and the operation of the <sup>21,44,55</sup> electron gun with reflex modulation are explained, and some parts of the electron-optical system are analyzed theoretically. The properties of the electron lens with a hyperbolic field, of the electron beam modulation, and of the electrons' path in the modulation region of the electron lens are investigated. Finally, experimental prototypes of electron guns with reflex modulation, manufactured by the Research Institute for Vacuum Electrical Engineering in Prague, are described. Orig. art. has: 18 figures and 12 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 28Sep64 / OTH REF: 007

HW  
Card 1/1

UDC: 621.385.032.21:537.533.3

JARES, Vladimir, inz. CSc.

Electron gun with reflex modulation. Slaborpoudy obzor 26 no.1:  
19-26 Ja '65.

1. Research Institute of Vacuum Engineering, Prague. Submitted  
September 28, 1964.

JARES, Vladimir, inz., CSo.

Electron gun with annular geometry. Sbor vak elektrotech 3:  
125-138 '61.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.



JARES, Vladimir, inz., CSc.

Distribution of electric current density in electron beams.  
Sbor vak elektrotech 3:106-124 '61.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

JARES, Vladimir

Standardization in the telecommunication industry. Slaboproudy  
obzor 24 no.10:621 0 '63.

1. Normalizacni utvar, Sdruzeni telekomunikacnich podniku.

JARES, Vladimir

High-transconductance electron guns. Cs cas fys 13 no.2:  
129-136 '63.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

GLAZ, E.T.; SCHEIBER, Eszter; JARFAS, Katalin

Studies on a new antifungal antibiotic. Acta physiol.hung. 18 no.3:  
225-232 '60.

1. Institute of Pharmacology, Medical University, Budapest.  
(ANTIBIOTICS pharmacol)  
(ANTIBIOTICS)

JARFAS, Tamas

Some remarks about the "dependability" of the dependable frequency transmission. Kep hang 6 no.6:186-189 D '60.

1. Magyar Radio es Televizio.

JARFAS, Tamas; TARNOCZY, Tamas

Directional characteristics in recording speech sounds. *Kep hang* 9 no.4:120-124 Ag '63.

1. Magyar Tudomanyos Akademia Akusztikai Kutatocsoportja.

JARFAS, Tamas

Theoretical foundation of sound generation in electronic music. Kep hang 9 no.6:190-192 D '63.

1. Magyar Radio es Televizio.

JARFAS, Tamas

Electronic music. Fiz szemle 13 no.11:329-336 M '63.

1. Magyar Radio.



JARFAS, Tamas

Report on the 3d Czechoslovak Conference on Acoustics,  
Kep hang 9 no.6:171 D '63.

JARFAS, Tamas

Electronic music. Musz elet 19 no. 4: 15 13 P '64.

JARROLD, J.

Case of urinary bladder tumor in relation to work with intermediary products of dyes. J. Jarrold, *Praktische Medizin* 5, 347 (1933).—Another case is described of papillomatosis of the urinary bladder in a man who has been working for 6 years in the production of benzidine and hydrazobenzene.  
L. J. Urbach

JARIC, M.

Civil engineering of the Soviet Union; impressions from a trip. p . 10.  
(Izgradaja, Vol. 11, No. 2, Feb. 1957, Beograd, Yugoslavia)

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

JARIC, Milos (Beograd, Savo Kovacevica 16)

Construction of dwelling houses and the problem of the ownership of apartments. Technika Jug 17 no.3:407-415 '62.

1. Predsednik Saveta za gradevinarstvo NRS, Beograd.

JARIC, Milos (Beograd, Save Kovacevica 16)

Building industries under new conditions. Tehnika Jug 17 no.9:1629-  
1632 S 162.

1. Predesednik Saveta za gradevinarstvo NR Srbije, Beograd, clan  
Redakcionog odbora, "Tehnika".

JARIC, Milos (Beograd, Save Kovacevica 1(6))

Production of the construction industry in 1962. Tehnika Jug  
17 no.11:2047-2048b N '62.

1. Predsednik Saveta za gradevinarstvo NR Srbije, Beograd,  
clan Redakcionog odbora, "Tehnika".

JARIC, Milos (Beograd, Save Kovacevica 16/1)

Coordination of capacity in building. Tehnika Jug 18 no.5:  
Suppl.:Gradevinarstvo 17 no.5:821-823 My '63.

1. Predsednik Saveta za gradevinarstvo Privredne komore NR  
Srbije, Beograd.



JARIC, Milos (Save Kovacevica 16, Beograd)

Service or production in building industry? Tehnika Jug 18  
no.9:1603-1605 S '63.

1. Predsednik Saveta za gradevinarstvo Privredne komore SR  
Srbije, Beograd, clan Redakcionog odbora, "Tehnika".

JARIC, O.

Chem ✓

The effect of light on the solubility of copper in electrolytes. T. Marković and O. Jaric. *Veština u. Korrozija* 6, 535-8 (1955).—In a  $Fe^{++}$  soln. photosensitive films formed on the surfaces of Cu electrodes. If a Cu electrode of a certain size is immersed in a 0.1N KCl soln. and exposed to light, while another Cu electrode of the same size and in the same soln. is kept in darkness, a current of about 0.2 ma. flows from one electrode to the other. The differences in soly. between exposed and unexposed Cu electrodes in 0.1-0.001N KCl solns. were shown graphically. The soly. of the exposed Cu electrode was strongly retarded by the addn. of 1 ml. of 0.001M  $FeSO_4$  soln. to the 0.01N KCl soln. The sensitivity of Fe salts to visible light caused the formation of a more stable system which could be represented by the equation:  $Fe^{++} + Cu^{++} + h\nu \rightarrow Fe^{+++} + Cu^+$

M. P. Qualey

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22/11

DOSTAL, V.; JARKA, E.

Activities and achievements of the orthoptic department in  
Kromeriz. Cesk. ofth.7 no. 6:417-422 Nov. 1951. (CIML 21:3)

1. Of the Eye Department of the State Regional Hospital in  
Kromeriz.

JARKA, J.

S

8

IMPROVEMENT OF THE PHYSICAL PROPERTIES OF BENTONITE OF CZECH ORIGIN BY CHEMICAL TREATMENT. J. Jarka. (Hutnicke Listy, 1948, vol. 3, No. 7, pp. 201-203). (In Czech).

Chemical analysis and a series of experiments revealed, that by adding 5.3% of Na<sub>2</sub>CO<sub>3</sub> the properties of Czech bentonite can be considerably improved and although the obtained product is not as good as the Black Hills bentonite, it compares favourably with the French and German bentonites. E.O.

J-5

ASM-51A METALLURGICAL LITERATURE CLASSIFICATION

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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JARKA, J.

New provisions in the state budget for 1959. p. 162.

UHLI. (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct. 1959. Uncl.

JARKA, Josef, dr.; BUFFI, Josef

Methods of controlling the profitableness of ordinary and decorative stone mining. Geol pruzkum 6 no.12:373-374 D '64.

1. Unit of Technical and Economic Development of the Branch  
Center of Geologic Methods, Brno.

JARKE, Josef, BRNO.

Methods of the survey of plastic and deformation along faults.  
Geol průzkum 7 no.1:18-19 Ja '65.

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Chemistry and treatment of the talc from Kalinovo.  
Jan Jarkovský and Vojtěch Dvorník (Geol. ústav Dionýz  
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(German summary).--The talc contains magnesite, limonite,  
and chlorite. Treatment with dil. HCl removed the first 2  
completely, but flotation expts. failed. Chem. analyses are  
given. Michael Fleischer

COUNTRY : Czechoslovakia D  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 22 1959, No. 78193  
AUTHOR : Jarkovsky, J. and Cical, B.  
INST. : Not given  
TITLE : Diadochite Find in Banaka bula

ORIG. PUB. : Geol Prace, SAV Zpravy, No 13, 97-104 (1958)

ABSTRACT : Chemical, spectroscopic, and x-ray analytical methods were used in conjunction with differential thermal analysis and electron microscopy in studying diadochite found in an abandoned mine drift. The mineral is found in the form of tuber-like aggregates in stalagmites, stalactites, and incrustations associated with hydrated  $Fe_2O_3$ . The mineral was found to have the following chemical composition (on the basis of the analysis of five samples) (in %):  $SiO_2$  up to 0.12,  $Fe_2O_3$  36.50-

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57 no. 12: 1264-1279 D '63.

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"APPROVED FOR RELEASE: 08/10/2001

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CIA-RDP86-00513R000619520007-1"

Stratig. of Soviet Rep. in the Middle East, 1947-52, p. 24, in  
and SO, 1950-52, CS, present in Res. EC, Exchanges, etc.  
of the Soviet Union, as the less effective SO, etc.

JARKOVSKY, PESATA

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36284.

Author : Jarkovský Pesata, Hudlický M.  
Inst : Not given.  
Title : Reactions in the Anhydrous HF. III. Synthesis of Dichlorodifluoromethane.

Orig Pub: Chem. listy, 1957, 51, No 4, 625-632.

Abstract: Synthesis of  $\text{CCl}_2\text{F}_2$  from  $\text{CCl}_4$  and HF was investigated. Small quantities of  $\text{SO}_2$  and water do not hinder this reaction. Catalytic activity of  $\text{SbCl}_5$  rapidly decreases in the presence of  $\text{CS}_2$  which reduces it to  $\text{SbCl}_3$ . As the result of that, when using technical grade  $\text{CCl}_4$ , small amount of  $\text{Cl}_2$  should be added. It is recommended to employ 0.08 mols of catalyst for 1 mol of  $\text{CCl}_4$ , 10-20% excess HF, and maintenance of temperature at 100-120°C.

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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619520007-1"  
CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G22

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36284.

A test run conducted (that involved preparation of 6.25 mols of product) extended for approx. 16 hours. During its course were used 150 gr.  $\text{SbCl}_5$ , 1020 gr.  $\text{CCl}_4$ , and 300 gr. anhydrous HF. The reactants were gradually brought up to 100-120°C as pressure was raised up to 30 atmospheres (1-2 hours). The gaseous products were condensed. Yield of  $\text{CCl}_2\text{F}_2$  was 93% and of  $\text{CCl}_3\text{F}$  was 2%. For part II refer to Chem. listy, 1952, 46, 92.

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