

WRONSKI, Jerzy; BRYC, Stanislaw

Application of angiocardography in the diagnostics and localization of supratentorial glioma. Neurol neurochir psych 12 no.4: 523-529. J1-Ag '62.

1. Oddzial Neurochirurgii, Klinika Chorob Nerwowych, Akademia Medyczna, Lublin, i Zaklad Radiologii, Akademia Medyczna, Lublin. Kierownik Kliniki; prof. dr W.Stein. Kierownik Oddzialu: doc. dr H. Kozniowska. Kierownik Zakladu: prof. dr K.Skorzynski.

*

KLAMUT, Marian; CZOCHRA, Marian; BRYC, Stanislaw; ZDERKIEWICZ, Edward

Technique of retrograde angiography of the right vertebral artery by catheterization through the carotid artery. Neurol neurochir psych 12 no.5:699-702 S-0 '62.

1. Zaklad Radiologii, Akademia Medyczna, Lublin. Kierownik: prof. dr med. K. Skorzynski; i Oddzial Neurochirurgii, Klinika Chorob Nerwowych, Akademia Medyczna, Lublin. Kierownik Kliniki: prof. dr med. W. Stein. Kierownik Oddzialu: doc. dr med. H. Kozniewska.

BRYC, Stanisław

Angiographic evaluation of incomplete filling of the anterior cranial fossa in cases of frontal tumors. Neurol. neurochir. psychiat. Pol. 14 no. 2:225-230 Mr-Apr '64.

1. Z Zakładu Radiologii, Kliniki Chorob Nerwowych i Oddziału Neurochirurgii przy Klinice Chorob Nerwowych AM w Lublinie (Kierownik Zakładu: prof. dr K.Skorzynski; Kierownik Kliniki: prof. dr W.Stein; Kierownik Oddziału: doc. dr H.Kozniewska).

BRYC, Stanislaw; CZOCHRA, Marian; KIAMUT, Marian

Intermediate angiography of the vertebral artery. Pol. tyg.
lek. 19 no.4:131-134 27 Ja '64.

1. Z Zakladu Radiologii Akademii Medycznej i Oddzialu
Neurochirurgii przy Klinice Chorob Nerwowych Akademii
Medycznej w Lublinie; (kierownik Zakladu: doc. dr K.
Skorzynski; kierownik Kliniki: prof. dr W. Stein; kierownik
Oddzialu: doc. dr H. Kozniowska).

MUSZYNSKI, Andrzej; ZDERKIEWICZ, Edward; BRYC, Stanisław

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1. Z Oddziału Neurochirurgii przy Klinice Chorob Nerwowych i z Zakładu Radiologii Akademii Medycznej w Lublinie (kierownik Kliniki: prof. dr. W. Stein; kierownik Oddziału: doc. dr. H. Kozniewska; kierownik Zakładu: doc. dr. K. Skorzynski).

BRYC, Stanislaw

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1. Z Zakladu Radiologii i Oddzialu Neurochirurgii przy Kl'inice
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Kierownik Oddzialu: doc. dr. H. Kozniowska).

BRYC, Stanislaw; STASZYC, Jozef

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(Kierownik: doc. dr. K. Skorzynski).

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WRONSKI, Jerzy; BRYC, Stanislaw; STASZYC, Jozef

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JAKLINSKI, Andrzej, doc. dr.; BRYC, Stanislaw

Evaluation of sequelae of injury in deformative fibrous bone degeneration (Paget's osteitis deformans). Pol. tyg. lek. 20 no.3:108-110 18 Ja '65

1. Z Zakladu Medycyny Sadowej Akademii Medycznej w Lublinie (Kierownik: doc. dr. A. Jaklin) i Zakladu Radiologii Akademii Medycznej w Lublinie. (Kierownik: doc. dr. K. Skorzynski).

BRYC, Stanislaw; BRYC, Rozalia

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BRYC, Stanislaw; WOJCIK, Zygmunt

Normal angiographic pattern of the cerebral blood vessels in relation to the age of the patient. Folia morph. (Warsz.) 24 no.3:281-287 '65.

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BRYC, Stanislaw; WRONSKI, Jerzy

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prof. dr K. Skorzynski) i z Oddzialu Neurochirurgii Kliniki Chorob
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BRYC, Stanislaw

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1. Z Działu Klinicznego Instytutu Medycyny Pracy i Higieny Wsi.
(LEPTOSPIROSIS, epidemiology,
swamp fever in Poland, clin. picture (Pol))

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Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

BRYCH, F., inz.

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no. 2:117-118 F '64.

1. Czech Higher School of Technology, Prague.

BRYCH, Josef, inz.

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5 no.11:331-333 N '63.

1. Vysoka skola banska, Ostrava.

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BRYCH, R.

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Vol. 4, no. 9, Sept, 1956

STROJIRENSKA VYROBA

TECHNOLOGY

Praha, Czechoslovakia

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BRYCH, R.

Trends in the development of water supply and sewerage. p. 190

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Vol. 33, no. 5, May 1959

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Mechanization of the work of the construction of gas-pipe and
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Uniform method of evaluation as a tool for increasing the
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1. State Inspection of Food Industry Product Quality, Prague.

ERYCHCA, Premysl, promovany ekonom

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1. Central Geological Office, Prague.

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(Military art and science)
(Moshnin, I.D.)

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Under the canopy of the Red Banner. Voenn. znaniya. 38 no.4:21-22
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"A friendship born in battles." Compiled by A.IA.Grif, S.P.
Gubarev. Reviewed by N.Brychev. Voen.znan. 38 no.8:39 Ag '62.
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BRYCHEV, Nikolay Fedorovich; USPENSKIY, N.M., red.; KOBZAR', V.N.,
tekhn.red.

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O voinskoj sluzhbe; besedy s doprizyvnikami. Moskva, Izd-vo
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function tests in children engaged in competitive swimming.
Pediatriia 37 no.6:16-19 Je '59. (MIRA 12:9)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta
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(ATHLETICS,

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(RESPIRATION, function tests,
in child-swimmers (Rus))

BRYCHNAC, Vaclav, MUDr.

Chondrodystrophia calcificans congenita. Acta chir. orthop.
traum. cech. 23 no.6:328-331 Nov 56.

1. Kojenecky ustav UNV, Praha, Krc, predn. prim. Dr. Quido Mann.
(DYSCHONDROPIASIA, case reports,
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JANDA, Vladimir; BRYCHNAC, Vaclav. TRLIFAJOVA, Jarmila

The aldolase test in myopathies. Cesk.pediat. 15 no.9:818-821
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1. Neurologicka klinika LFHKU v Praze 12, prednosta prof. dr.
J.Sebek, detsko-Kojenecka klinika LFHKU, prednosta prof. dr.
J.Cizkova-Pisarovicova, Ustav mikrobiologie a epidemiologie v
Praze 12, reditel prof. dr. K.Raska.
(MUSCLES dis.)
(ALDOLASE blood)

1ST AND 2ND COLUMNS										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH COLUMNS									
COMMON ELEMENTS OPEN MATERIALS INDEX ASY-STA METALLURGICAL LITERATURE CLASSIFICATION FROM SYNOBOL SYNOBOL # SYNOBOL MAP ONLY ONE										RELATIONS RELATION # FROM SYNOBOL RELATION ONE ONLY ONE										RELATIONS RELATION # FROM SYNOBOL RELATION ONE ONLY ONE									
ASY-STA METALLURGICAL LITERATURE CLASSIFICATION RELATIONS RELATIONS																													

ASY-STA METALLURGICAL LITERATURE CLASSIFICATION

RELATIONS

10-20

Brychta, Jaroslav. Ústav pro lékařskou Bioklimatologii a lidové Hvězdárna v Hradci Králové. (A joint programmatic agreement.) [The Institute of Medical Climatology and Observatory in Königgrätz. (Program suggestions.)] *Meteorologický Zprávy*, 3(4-5):78-79, Feb. 1960. III-388. — A new institute and observatory were founded at Königgrätz on April 19, 1947. Basic activities of the observatory are to be chemical, meteorological and climatological research. The Bioclimatological Institute will collaborate with the local medical faculty in studying the effect of solar, climatic and meteorological factors on health and disease. Research in the realm of nuclear physics and observations in special "climatic chambers" will be conducted. *Subject Headings:* Bioclimatology, Observatories, Medical meteorology, Czechoslovakia. — M.R.

BRYCHTA, Ladislav

Development of technology in Polish geology. Geol pruzkum 6 no.
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BRYCHTA, Ladislav

Experiences in the remuneration of drivers in Poland. Cech
průzkum 7 no.1320-21 Ja '65.

1. Unit of the Technical and Economic Development, Brno.

BRYCHTA, MIROSLAV

FU Hydrogen sulfide determination in illuminating gas.
Miroslav Brychta and Jiri Stroh. *Patka* 32, 113-16
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classical Emil Fischer methylene blue method, and the
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The recovery of sulfur from gases with thiocresate
solutions J. Helm and M. Brecht, Chem. Ber.
Berlin 1950 83 1 1

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Other Gases Munich 1950 1 1

171

171

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Bryant, M.

344. REMOVAL OF SULPHUR FROM GAS FUEL

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Regeneration of saturated active carbon (used for the adsorption of hydrogen sulphide from pressure gas) by toluene and xylene. Sbor pal
vod VSChT no.3, part 1:5-34 '59.

1. Katedra koksarenstvi a plynarenstvi Vysoke skoly chemicko-techno-
logicke, Praha.

DRAHORAD, J., inz., dr.; BRYCHTA, M., inz.

The problem of gas cleaning in high pressure gasification plants. Paliva 42 no.4:118-121 Ap '62.

BRYCHTA, M., inz.

Acquisition of deodorants in sulfate-cellulose process.
Paliva 41 no.4:115 Ap '61.

BRYCHTA, M., inz.

Desulphurizing of coking gas on the activated carbon and extracting sulphur by organic dissolvents. Paliva 41 no.4:115 Ap '61.

BRYCHTA, M.

Desulfurization of the coke-oven gas on activated carbon. Prace
vyzkum paliv 4:169-232 '62.

BRYCHTA, M.

Acquisition of odorants in sulfate pulp production. Prace Ust
paliv 6:151-170 '63.

SLABY, Otto; VESELSKY, Jaroslav; ~~BRYCHTA, Milan~~

Synostosis of the autopodium with familial incidence and considerations on its causes. Plzen. lek. sborn. 23:41-49 '64

1. Katedra histologie a embryologie lekarske fakulty University Karlovy se sidlem v Plzni (prednosta: prof. MUDr. RNDr. O. Slaby, Dr^{Sc.}) ; Ortopedicke oddeleni polikliniky (vedouci: MUDr. J. Veselsky), a Centralni rentgenove oddeleni (vedouci: MUDr. J. Maneth) ZUNZ Vitkovickych zelezaren Klementa Gottwalda v Ostrave.

JANACKOVA,R.; LUKES,J.; BRYCHTA,M.

Nephrocalcinosis in a 9-year-old boy. Cesk. pediat. 19 no.3:
260-265 Mr'64.

1. Detske oddeleni ZUNZ-VZKG Ostrava-Vitkovice (vedouci: MUDr.
J.Lukes) a Rentgenologicke oddeleni ZUNZ-VZKG Ostrava-Vitkovice
(vedouci: MUDr. J.Maneth).

*

BRYCHTA, O.

PHASE I BOOK EXPLOITATION

CZECH/5216

Budil, Ivo, ed.

Do blízkého i vzdáleného vesmíru (Into the Near and Distant Universe)
Prague, Orbis, 1960. 10,000 copies printed.

Authors: Milan Blaha, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Ondrej Brychta, Engineer. Jan Bukovský, Professor, D.C.Ae., Václav Bumba, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Zdeněk Ceplecha, Candidate of Physics and Mathematics. Josef Dvůrák, Doctor of Medicine. Vladimír Guth, Docent, Doctor of Natural Sciences, Corresponding Member of the Slovak Academy of Sciences, Doctor of Physics and Mathematics. Josip Kleczek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Miloslav Kopecký, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Luboš Perek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Miroslav Plavec, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Jaroslav Ruprecht, Candidate of Physics and Mathematics. Josef Sadil. Ladislav Sehnal, Candidate of Physics

Card 1/21

Into the Near (Cont.)

CZECH/5216

and Mathematics. Zdeněk Švestka, Doctor of Natural Sciences, Candidate of Physics and Mathematics, Boris Valníček, Doctor of Natural Sciences and Vladimír Vanysek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Resp. Ed.: Josef Sadil.

PURPOSE: This book is intended for the general reader interested in astronomy, celestial mechanics, and astrophysics.

COVERAGE: The book presents in popular language and in summary form the most important achievements of science to date in the field of astronomy, celestial mechanics, and astrophysics, and notes the importance of continued progress in these disciplines for space travel to the moon and in our solar system, and ultimately to the nearest stars and galaxies. In the section headed "About the Authors" the degrees and titles, affiliations and scientific contributions of each author are given. The text is accompanied by many diagrams, graphs, and tabular data. There are 37 photographs of various celestial bodies. No personalities

Card ~~2~~/21

Into the Near (Cont.)

CZECH/5216

are mentioned. There are 29 references, all Czech [several translations].

TABLE OF CONTENTS:

THE NEAR UNIVERSE

I. The Moon - The Nearest Cosmic Body	7
Size and density of the moon	7
Orbit of the moon around the earth	8
Phases of the moon	9
The ashen light of the moon	10
Does the moon have any kind of an atmosphere?	11
Temperature on the surface of the moon	13
What does the surface of the moon consist of?	14
Beginnings of lunar mineralogy	15
Is the moon radioactive?	16
Surface of the moon through a telescope	16
Origin of the seas and craters of the moon	17

Card 3/21

BRYCHTA, Ondrej, inz.

Pneumatic logical elements with a movable part. Automatizace
6 no. 11:275-278 N '63.

L 20358-66 EEG(k)-2/EWP(v)/I/EWP(k)/EWP(h)/EWP(l) IJP(c) GG/BB
 ACC NR: AP6012043 SOURCE CODE: CZ/0080/65/000/002/0029/0035

AUTHOR: Multrus, Vladimir (Engineer); Brychta, Ondrej (Engineer) 62
 8

ORG: [Multrus] CVUT, Prague; [Brychta] Konstrukta, Trencin

TITLE: Pneumatic logical elements and relay systems

SOURCE: ^{16C}Automatizace, no. 2, 1965, 29-35

TOPIC TAGS: pneumatic control system, automation 14

ABSTRACT: The article discusses the present state of pneumatic logical elements and systems in Czechoslovakia and abroad and deals mainly with relay systems. Two relay systems are described and evaluated: the Soviet USEPPA and the low-pressure system developed by V. Ferner in East Germany. The article evaluates the possibilities and gives certain examples of the use of pneumatic logical elements in automation. Orig. art. has: 10 figures. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 011
 SOV REF: 006

Card 1/1 vnb

UDC: 62-55: 621.54

L 39914-66 EEC(k)-2/EWP(k)/EWP(h)/EWP(l)/EWP(v) BC

ACC NR: AP6029391

SOURCE CODE: CZ/0031/66/014/001/0014/0023

AUTHOR: Brychta, Ondrej (Engineer)

ORG: Konstrukta Trencin, n.p.

TITLE: Automation of machines by means of pneumatic logical elements

SOURCE: Strojirenska vyroba, v. 14, no. 1, 1966, 14-23

TOPIC TAGS: automation technology, logic element

ABSTRACT: The article gives a survey of technically very important and advanced problems of pneumatic logical elements mainly as applied to the automation of machinery. It is the first article on the subject in the Czechoslovak technical literature. Orig. art. has: 9 figures and 5 tables. [JPRS: 35,328]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 002

Card 1/1

UDC: 621.9-52: 621.9-525: 621.9.09:338.541

BRYCHTA, Premysl, promovany ekonom

A new method of wage fund computation. Geol pruzkum 6 no. 6:
163-164 Je '64.

1. Central Geologic Office, Prague.

BRYCHTOVA, Jana, MUDr (Brno-Bayerova 10)

Malignant granulosa cell tumor. Lek. listy, Brno 9 no.20:473-475
15 Oct 54.

1. Z pathologicko-anatomickeho ustavu MU v Brne, prednosta prof.
MUDr V. Neumann.
(OVARIES, neoplasms,
granulosa cell tumor)

BRYCHTOVA, Jana, MUDr.

Case of neonatal toxoplasmosis. Cesk. pediat. 11 no.10:
767-769 Oct 56.

1. Z Patholog-anat. ustavu Lekarske fakulty MU v Brne,
prednosta prof. MUDr. V. Neumann.
 (TOXOPLASMOSIS, in infant and child
 in newborn (Cz))
 (INFANT, NEWBORN, diseases
 toxoplasmosis (Cz))

Brychtova, Jana

SVEJDA, Jaroslav; BRYCHTOVA, Jana; BECHINIE, Emanuel

The influence of regeneration on take-on and growth of the transplantable rat Brada-Svejda tumor. Neoplasma, Bratisl. 4 no.4:381-383 1957.

1. Patho-Anatomical Institute, Faculty of Medicine, Masaryk University, Brno.

(NEOPLASMS, exper.

eff. of regen. of subcutaneous tissue on take-on & growth of transplantable rat)

(REGENERATION

same)

Brychtova, Jana MUDr.

BRYCHTOVA, Jana, MUDr. (Brno, Pekarska 53)

Interstitial cell tumor of testes in newborn. Cesk. pediat. 13 no.1:
51-54 5 Jan 58.

1. Pathologickoanatomicky ustav lek. fak. MU v Brne, prednosta prof. Dr.
J. Svejda.

(TESTES, neoplasms

interstitial cell tumor in newborn with cryptorchidism (Cz))

(CRYPTORCHIDISM, in inf. & child

newborn, with interstitial cell tumor of testes (Cz))

(INFANT, NEWBORN, dis.

cryptorchidism with interstitial cell tumor of testes (Cz))

BRYCHTOVA, J.; OLEJNIK, O.

A case of an intracardiac polyp imitating mitral stenosis. Rev. Czech.
M. 4 no.3:233-239 1958.

1. Second Surgical Clinic, Masaryk University, Brno. Director: Prof. K.
Navratil.

(HEART, neoplasms

intracardiac polyp simulating mitral stenosis, case report)

(POLYPI, case reports

intracardiac polyp simulating mitral stenosis)

EXCERPTA MEDICA Sec 5 Vol 12/10 General Path Oct 59

2862. REACTION OF THE RETICULAR TISSUE IN GUINEA-PIGS INJECTED WITH FOREIGN BLOOD SERUM OR TRYPAN BLUE - Die Reaktion des retikulären Gewebes bei Meerschweinchen nach Applikation von fremdartigem Blutserum und Trypanblau - Brychtová J. and Horn V. Pathol.-Anat. Inst., Masaryk-Univ., Brno - ZBL ALLG. PATH. PATH. ANAT. 1959, 99/1-2 (36-42) Illus. 5

The i. p. injection of human serum or of trypan blue induces in the guinea-pig an intense proliferation of the reticulum cells of spleen and lymph nodes. In the group of trypan-blue-treated animals, there soon follows an acute inflammatory reaction that is not seen in the group of serum-treated animals. In both groups the hyperplastic reticulum cells acquire a profound cytoplasmic basophilia. It is to be noted that the trypan blue injections provoke acute peritonitis. Potvlliege - Brussels

BIENIEK, Kazimierz, inz.; BRYCKI, Bogdan, mgr. inz.; NOWAKOWSKI,
Stanislaw, inz.

Possibilities of checking entirely the butt welds of a blast
furnace jacket. Huta Lenina prace no.10:79-91 '61.

BRYCKI, Bogdan, mgr inż.; MACHOWSKI, Bogusław, mgr inż.;
OPOLSKI, Tadeusz, doc. dr

Application of the tabulating evaluation in designing
special holders for the sharpening of drill bits.
Przegl mech 22 no.4:103-107 25 F '63.

1. Akademia Gorniczo-Hutnicza, Krakow.

BRYCZKOWSKI, A.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 2, Feb. 1958

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Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 2,
February 1959; Unclass.

BRYDAK, D. (Krakow)

A functional equation. Pt. 1. Annales Pol math 15
no.3:237-251 '64.

BRYDAK, Stefan

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no.3:86-88 Mr '61.

Baydo, I Ya.

AUTHOR: BRMDO, I. YA., YANKIN, G. M., Regular Members of the Society for Radiotechnology. PA - 2298

TITLE: Counter Lamps with Gas Discharge. (Gazorazryadnyye schetnyye lampy. Russian).

PERIODICAL: Radiotekhnika, 1957, Vol 12, Nr 2, pp 65-70 (U.S.S.R.)
Received: 4 / 1957 Reviewed: 4 / 1957

ABSTRACT: A short survey of counter lamps with gas discharge is given. First, the particular features of a gas discharge are discussed. As a basis for the mode of operation of these lamps the following phenomenon, which is due to local preparation by ions, must be considered: If voltage is once more applied to the electrodes before the end of de-ionization, the amount of the avalanche discharge U_j is reduced. In electropositive gases the rest-ionization becomes extinct within from $10^{-4} \pm 10^{-3}$ sec. Admixture of the electronegative gas (de-ionizer) and a reduction of the distance between the electrodes promotes the reduction of this time. It is also of advantage to use auxiliary electrodes which absorb the ion cloud from the discharge chamber. The structure and the mode of operation of these lamps is described. The nomenclature and terminology of the parameters of these lamps are not yet definitely settled. A table contains the data of the dekatrons produced by the industries of Great Britain and Germany. The wiring diagrams of the dekatrons with two-fold impulse are described. Two basic types must be distinguished: The "fast" ones, which have low resistance and produce impulses

Card 1/2

Counter Lamps with Gas Discharge.

PA - 2298

with a steep front, and the "slow" ones. The most essential advantages offered by dekatrons with two-fold impulse compared to those of only one impulse are the reversibility, greater stability, and life. (With 1 table and 5 illustrations).

ASSOCIATION: Not Given
PRESENTED BY:
SUBMITTED: 14. 11. 1956
AVAILABLE: Library of Congress

Card 2/2

BRYEV, V.N.

AID P - 4872

Subject : USSR/Engineering
Card 1/1 Pub. 107-a - 6/14
Authors : Siunov, N. S., V. N. Bryev and I. F. Milaykin
Title : Single phase self-excited generator of high frequency
Periodical : Svar. proizv., 4, 16-17, Ap 1956
Abstract : The authors describe certain improvements in an a-c generator of high frequency (200 to 400 hertz) made of the ChS-7 generator, adjusted for use as single-phase self-excited welding generator. The remodeled generator was tested and found satisfactory in every respect. Two drawings and 1 graph.
Institution : Ural Polytechnic Institute im. Kirov
Submitted : No date

BRYEZINSKI, J.

STEPIEN, L.; BRYEZINSKI, J.; MEMPEL, E.; SREBRZYNSKA, J.

Disorders of dynamics of the higher nervous functions due to focal injury of the temporo - parieto - occipital contact area in the dominant cerebral hemisphere. Neurologia etc. polska 4 no.5:473-481 Sept-Oct 54.

(BRAIN, wound and injuries
higher nervous funct. in)

(CENTRAL NERVOUS SYSTEM, in various diseases
brain inj., higher nervous funct. in)

(WOUNDS AND INJURIES
brain inj., higher nervous funct. in)

145587-66 ENT(M)/T/ENT(t)/STI IJP(c) JD/JG

ACC NR: AP6028714

SOURCE CODE: UR/0185/66/011/008/0917/0918

AUTHOR: Bohdanovych, A. S.; Ivzhenko, M. A.; Koval'ov, V. K.; Sykors'kyi, Yu. A.;
Yurachkivs'kyi, P. O.; Bryhynets', V. P.

ORG: Kiev Polytechnical Institute (Kyyivs'kyi politekhnichnyi instytut)

TITLE: Dislocations and V-centers in KCl crystals

SOURCE: Ukrayins'kyi fizychnyy zhurnal, v. 11, no. 8, 1966, 917-918

TOPIC TAGS: potassium chloride, crystal lattice dislocation, x-ray coloring, color center, crystal absorption spectrum

ABSTRACT: This article endeavors to explain the role of dislocations in creating V-centers in KCl crystals subjected to x-rays at room temperatures. Four crystals of "pure" KCl grown from a melt by the Kyropoulos method (two each with dislocation density of $5 \cdot 10^6$ and $5 \cdot 10^4 \text{ cm}^{-2}$) were colored by x-rays at room temperature and their absorption spectra were then photospectrometrically measured. Comparison of graphs plotted from the results of "hard" and "soft" coloring showed that (1), other coloring conditions being equal, the crystals with more dislocations chiefly formed V_3 -centers (218 mμ), while those with fewer dislocations gave only V_2 -centers (230 mμ), and (2) the spectral makeup of V-absorption does not

Card 1/2

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ACC NR: AP6028714

depend on "hardness" of crystal coloration, not only refuting the view that "hard" and "soft" x-rays create V₃- and V₂-centers, respectively, but also suggesting that V₃-centers are defects formed either in or near the dislocations themselves, while V₂-centers form in the lattice far from them and require lattice vacancies. Further studies showed that the preceding assumption is true and that the V₂- to V₃-center ratio is stipulated by dislocation density and the number of "frozen" thermal vacancies in the crystal. In conclusion the authors thank Prof. M. P. Kalabukhov for interest in the work and useful discussions. Orig. art. has: 2 figures. [26]

SUB CODE: 20/ SUBM DATE: 05Mar66/ ORIG REF: 002/ OTH REF: 007 / ATD PRESS: 5082

Card 2/2 *pla*

БРЫГАЛОВ, В.А.

БРЫГАЛОВ, В. А., ОРДЫНСКИЙ, В. В., ЧЕРНЕЧЕНКО, В. А.

Vegetables

What scientists are working on in 1952. sad i og. no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____ 1953. Unclassified.

BRYGIN, N.A.; DREMIN, A.A.[translator]; FRIDNER, A.A., red.

Odessa. Odessa, Maiak, 1965. 13 p. (MIRA 18:')

BRYHN-INGEBRIGTSEN, K

12

L 19670-65 EWT(m)/EPF(c)/EPF(n)-2/EPR Pr-L/Ps-L/Pu-L 3SD

ACCESSION NR: AP4045667

P/0046/64/009/07-0575/0585

AUTHOR: Adamski, L.; Arkuszewski, J. (Arkushevski, Ya.);
Bednarz, R. (Bednarzh, R.); Jozefowicz, E. T. (Yuzefovich, E. T.);
Jozefowicz, K. (Yuzefovich, K.); Kaczmarek, W. (Kachmarek, V.);
Kulikowska, T. (Kulikowska, T.); Malewski, S. (Malevski, S.);
Mika, J. (Mika, Ya.); Szechter, A. (Shekhter, A.); Weiss, Z.
(Vays, Z.); Bryhn-Ingebrigtsen, K. (Bry*n-Ingebrigt*sen, K.);
Smit, J. (Smit, I.); Stamm'ler, R. I. I. (Stamm'ler, R. I. I.);
Jockovic, M. (Iotskovich, M.); Pop-Jordanov, J. (Pop-Iordanov, I.);
Takac, S. (Takach, M.)

B

TITLE: Microscopic neutron flux distributions in unit cells of critical assemblies of the NPY Project

SOURCE: ¹⁹Nukleonika, v. 9, no. 7-8, 1964, 575-585

TOPIC TAGS: neutron distribution, reactor physics, intracell neutron distribution, unit cell, critical reactor, NPY project

ABSTRACT: This article, which is one of the first official reports

Card 1/3

L 19670-65

ACCESSION NR: AP4045667

of the NPY Project, contains a preliminary study of intracell neutron distributions in three critical assemblies operating in Norway, Poland, and Yugoslavia. The NPY lattices that were studied and the experimental techniques used in three zero-power reactors (NORA, ANNA, and RB) are discussed and experimental and theoretical results are given in tabular form (refer to the Enclosures). The computational methods used in Norway and applied to the NPY lattices involved the use of two integral transport codes (available for use on the Ferranti Mercury computer) developed by the Netherlands-Norwegian K-7 Project at Kjeller-K-7 THERMOS and K-7 TRANSP0; cross-sections used in these codes are given in tables. Two analytical methods were used in Poland: the first, used for NORA and ANNA, made use of a one-group Amouyal-Benoist approach applied to a multilayer system; the second used the Laguerre polynomial expansion for distributions in the moderator. Two computational methods were employed in Yugoslavia: a standard one-velocity P₃ method with isotropic flux return at the outer boundary and an improved analytical neutron thermalization method developed in Yugoslavia. The experimental and theoretical results obtained for NORA lattices show that the experimental values

Card 2/7

L 19670-65

ACCESSION NR: AP4045667

3
of the disadvantage factors lie within the range of theoretical values obtained by different methods. Orig. art. has: 3 figures and 6 tables.

ASSOCIATION: Institute of Atomic Energy, Kjeller, Norway; Institute of Nuclear Research, Swierk, Poland; Boris Kidrich Institute of Nuclear Sciences, Vincha, Yugoslavia

SUBMITTED: 00

ENCL: 04

SUB CODE: NP

NO REF SOV: 002

OTHER: 020

Card 3/7

BRYZGUNOV, V.A.

[Radiometer for determining I^{131} in the human thyroid gland]
Radiometr dlia izmerenii ioda- I^{131} v shchitovidnoi zheleze
cheloveka. Moskva, In-t atomnoi energii im. I.V.Kurchatova,
1960. 11 p. (MIRA 16:12)
(Iodine isotopes) (Radiometer)

Edmund BRYJAK

Distr: 4E2c

✓ Plastic deformation of sintered carbides. Edmund
Bryjak, Stanislaw Plaskowski, and Zbigniew Bojarski.
Hutnik 25, 295-303(1968).—Plastic deformation of W²⁷
carbides contg. Co 3, 6, 11, 15, 20, or 25%, at loads of
<100 ton/sq. cm., was examd. The depth and diam. of
indentations were measured by Johansen's app., and the
indented zones examd. by metallurgical microscope and
x-ray method by using Co radiation and 2-hr. exposure
at 40 kv. and 10 ma. The expts. gave the evidence of the
ability to plastic deformation of W-sintered carbides contg.
Co even <10%, but the authors believed that further
studies would be necessary to confirm their observations.

W. Tomaszczyk

3
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THC

P.T.A.

Mech. + Elec. Engineering

520

621.785 : 622.23

Brylak, E. The Tipping of Drilling Tools.

„Uwardzanie narzędzi wiertniczych”. *Nafta*. No. 4, 1950, pp. 82-88, No. 5, 1950, pp. 122-125, 12 figs., 4 tabs.

A proper method of tipping the surface of working points of drilling tools increases their efficiency in the course of work. The author deals with the basic tipping materials, such as special steels, stellites and the alloys of stellites, as well as grained material, such as carbides (cast and fused). A detailed description is given of oxy-acetylene methods of tipping as being most commonly used in the oil drilling industry and, if properly performed, giving very satisfactory results. A less detailed description is included of electric tipping by means of carbon and metal arc welding, using covered electrodes, as well as by means of the „Arcaton” method (arc and hydrogen method). Combination tipping is also possible, particularly when dealing with tools of larger size, by means of carbide profile tips and various types of electrodes.

P. T. A.

689.017 : 621.923.66

292

Bryjak E., Eng. Bellby's Layer.

„Warstwa Bellby'ego“, Hutnik No 5—4, 1950, pp. 113—118. 4 figs.

The thin ($\sim 100 \text{ \AA}$) amorphous-metal lamina which arises during mechanical polishing of metallographic surface grindings (known as Bellby's layer) still presents a very real problem in metallography. A short history of this problem is given together with the recent research developments in this sphere of metallography. Bellby's hypo-

thesis in the light of recent research: the works of Thompson, French, Hopkins, Lees, Henemann and Schulz. The removal or the avoidance of the formation of Bellby's layer presents a very important problem in metallographic technique, since the layer covers and considerably darkens the proper crystalline structure of a tested metal. Means of diminishing or avoiding this inconvenience.

P. T. A.

11/11/11/11

008

620.18 : 649.111.3

Bryjak P. Metallography of Sintered Carbides. (15)

"Metallografia spiekanych węglików". Hutnik. No. 1, 1951, pp. 14-23, 23 figs., 2 tabs.

The metallography of sintered carbides. The technology of preparing slides. Investigation of the porosity and the presence of graphite. Description of the reagents and methods of etching. Discussion of the systems WC-Co, WC-TiC and their influence on the structure of sintered carbides. Characteristics, illustrated by microstructures, of different phases present in sintered carbides. The W-C system. characteristics of cast tungsten carbide.

7

The Method of Feed-Volume Determination of Metallic Powders. E. Bryjak and Z. Kwasy. (*Hutnik* (Warsaw), 1951, 18 July-Aug., 290-293). [In Polish]. The powder to be investigated (100 g.) is poured from a funnel-shaped sieve placed in a vibrator, into a measuring cylinder. For determining the volume of a powder with tapping, the receiver is vibrated and not the funnel. The reproducibility of results is claimed to be very good.--v. o.

POL.

3102

621.775.7(033.0)

Brylak E. Principles of Establishment of Technological Instructions, as Exemplified by the Powder Metallurgy.

"Zasady opracowania dokumentacji technologicznej na przykładzie metalurgii proszków" Hutnik. No. 12, 1953, pp. 307-374, 4 tabs.

In conformity with the directives of the State Economic Planning Commission, the author lays down certain guiding principles for working out technological instructions as exemplified by powder metallurgy. The first operation when working out a technological instruction consists in establishing symbols for various production and auxiliary departments. Co-ordination includes the following principal operations: 1) main technological operations, which are subdivided into technological operations, and these in turn into operating rules, recipes and operating directives, 2) material cards for charge material indicating the character of such material, standard consumption specifications etc.;

3) material cards for auxiliary materials indicating the character of such materials, standard consumption specifications etc.; 4) machine and apparatus cards containing a description of machines and apparatus, their operation and maintenance. Detailed principles for establishment of technological instructions. Principles of indexing and distribution of instructions. Advantages obtained by the application of the system proposed.

BRYJAK, E.

"Dilatometric Research on the Sintering of Silver." p. 49 (HUTNIK, Vol. 20, No. 2,
Feb. 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 19.
October 1953. Unclassified.

BRYJAK, E.

"Metallurgy of Powdered Metals in the German Democratic Republic." p. 235 (HUTNIK,
Vol. 20, No. 7, July 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,
October 1953. Unclassified.

3760

549.517.1 : 669-492.8

Bryjak E. Sintered Corundum.

"Korund spiekany". Przegląd Mechaniczny. No. 8, 1954, pp. 437-441, 17 figs., 2 tabs.

MG

The use of sintered corundum for the manufacture of high quality cutting tools which operate at high temperatures (up to 1900°C -- high speed cutting process) makes certain demands on the quality of corundum used. It is proved that corundum correctly sintered should be of a density not less than 3.0 g/cm³, thus ensuring a minimum of porosity. In addition, the corundum grains should be uniform and fine, the grade of the finest being at least 5 μ or less. Further investigations show that the Rockwell hardness test may be used only with good quality corundum; with materials of considerable porosity, however, misleading results may be obtained.

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AA
SAK

SAJAK, E.

Powder Metallurgy in Czechoslovakia. . 76

HUTNIK vol. 21, no. 3, Mar. 1954

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

BRYIAK, E-

BRYIAK, E.

BRYIAK, E. Electrodes for welding and needles for electrographs made of wolfram.
p. 255.

Vol. 15, No. 11, Nov. 1955.
WIADOMOSCI ELECTROTECHNICZNE.
TECHNOLOGY
Warszawa, Poland

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

BRYJAK, E., and MISSOL, W.

The structure of layers surfaced with sintered carbides by the electrosparking method.

The macro and micro structure of carbide layers welded on by electrosparking was investigated. The dependence of the roughness of the surface and the thickness of the carbide layer on electrical parameters of welding was established. Metallographic investigations indicated that the structure of the welded on layer had no similarity to that of sintered carbides. The grain size of the welded on layer was below 0.2 μ . X-ray investigations of the welded on layer indicated a decrease in cobalt content and an increase in the contents of W₂C (from WC and of a solid solution of WC in TiC.)

By E. Bryjak and W. Missol.

SO: Hutnik, 22, #3, March 1955, pp 77-112.

BRZYŻAKI, E

U 15396* Powder Metallurgy Research in Czechoslovakia.
MG Prace naukowe z metalurgii proszków w Czechosłowacji.
(Polish.) E. Brzyżaki *Hutnik*, v. 22, nos. 7-8, July-Aug. 1955,
p. 278-286.
Survey of developments, including sintering techniques, factors
affecting sinterability, effect of additions, hardness, and other
characteristics of W, Co, and other sinter products. Tables,
graphs. 9 ref.

2/2

BRYJAK, Edmund

POLAND/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Acids. Bases I-5

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12344

Author : Bryjak Edmund, Missol Witokd, Bojarski Zbigniew

Title : Sintering of Boron Carbide under Pressure

Orig Pub : Spiekanie weglika boru pod cislaniem. Hutnik (Polska), 1956, 23, No 3, 117-125 (Polish)

Abstract : To increase the mechanical strength of boron carbide (BC) were prepared, by the method of sintering under pressure, the alloys B_4C-Fe , B_4C-Si and $B_4C-FeSi$. Use was made of BC powder containing 19% C, ferrosilicon containing 42.7% and 74% Si and silicon containing 98.6% Si, 1.4% Fe and 0.02% C. Grain size ≤ 0.10 mm. Mixtures of powders containing 75-90% BC were mixed in a vibration mill for 24 hours, compressed under a pressure of 125 kg/cm² and sintered at 1300-1400°. Sometimes additional sintering for 2 hours at 1480-1500° was used.

Card 1/2

- 16 -

BRYJAK, E.

World trends in the development of carbides and the production and tasks of the Baildon Metallurgic Plant.

P. 4. (MECHANIK) (Warszawa, Poland) Vol. 31, no. 1, Jan. 1958

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

BRYJAK, E.

The use of carbide tools in the processing of metals other than cutting.

P. 42. (MECHANIK) (Warszawa, Poland) Vol. 31, no. 1, Jan. 1958

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

BRYJAK, Edmund, mgr inz.

Technical progress in metallurgy as presented at the International Fair in Brno; impressions from the Brno Fair, 1959.
Wlad hut 16 no.5:158-166 My '60.

BRYJAK, Edmund, mgr ins.

Powder metallurgy at the International Fair in Brno. Wlad
hut 16 no.9:282-289 S '60.

BRYJAK, Edmund, mgr inz.

Twenty-five years of sintered carbide production in the Baildon
Metallurgic Works. Hutnik P 29 no.5:164-170 My '62.

1. Huta Baildon, Katowice.

BRYJAK, Edmund, mgr inz.

Permanent magnets in the metal industry. Mechanik 37
no.4:215-216 '64.

1. Baildon Steel Works, Katowice.

BRYJAK, Edmund, mgr inz.

~~Ferro-TIC~~. Wiad hut 21 no.4:100-105 Ap '65.

BRYK, E.

BRYLINSKA, J.; JORDAN MARIA, DANCZAK, Z.; BRYK, E.

Effect of mitotic poisons on growth and regeneration. Przegl. lek,
Krakow 8 no. 4:100-104 1952. (GLML 22:5)

1. Of the Institute of Biology (Head--Prof. St. Skowron, M. D.) of
Krakow Medical Academy.