

SMIRNOV, M.P.; RUDNICHENKO, V.Ye.

Phase diagram of the system Ca — Bi. Zhur. neorg. khim. 8
no.6:1402-1407 Je '63. (MIRA 16:6)

(Calcium-bismuth alloys)

С. П. Смирнов, В. Я. Рудниченко
SMIRNOV, M.P.; RUJDNICHENKO, V.Ye.

X-ray investigation of the phase structure of lead-calcium alloys.
Sbor.nauch.trud.GINTSVETMET no.12:150-162 '56. (MLRA 10:2)
(Lead-calcium alloys--Metallography)
(X rays--Industrial applications)

Rudnichenko, V. E.

SMIRNOV, S.S.; RUDNICHENKO, V.I.; RADCHENKO, I.P.; EYSMONT, I.I.

Mechanization of oil change in reductors. Koks i khim.
no.16:35 '61. (MIRA 15:2)

1. Bagleyskiy koksokhimicheskiy zavod.
(Coke industry--Equipment and supplies)

SMIRNOV, S.S.; RUDNICHENKO, V.I.; EYSMONT, I.I.

Mechanical cleaning of working platforms of coke batteries. koks
i khim. no.11:37 '61. (MIRA 15:1)

1. Bagleyskiy koksokhimicheskiy zavod.
(Coke ovens)

SMIRNOV, M.P.; RUDNICHENKO, V.Ye.

X-ray determination of the phase composition of silver foam. Zhur.
prikl.khim.29 no.2:298-299 F '56. (MIRA 9:6)
(Lead--Metallurgy) (Silver) (Radiology, Industrial)

БЕДНИЧЕНКО, В.Я.; ДОБРОТОВ, Б.И.; ЗИНСКИЙ, Д.М.

Composition of ferrites in the system $PbO - Fe_2O_3$. Sbor. nauch.
trud. Gintsvetmetz no.29:389-399 '65. (MIRA 18:12)

L 10652-63

EWP(q)/EWT(m)/BDS--AFFTC/ASD--JD

ACCESSION NR: AP3001218

S/0078/63/008/006/1402/1407

AUTHOR: Smirnov, M. P.; Rudnichenko, V. Ye.

54

TITLE: Phase diagram of the Ca-Bi system

SOURCE: Zhurnal neorganicheskoy khimii, V. 8, no. 6, 1963, 1402-1407

TOPIC TAGS: phase diagram Ca-Bi system, differential thermal analysis, Ca eutectic

ABSTRACT: The Ca-Bi system was investigated by differential thermal analysis and by microscopic methods. The following compounds were formed in the system: Ca sub 3 Bi sub 2, fusion temperature 1350 degrees; CaBi sub 3, formed by peritectic reaction at 505 degrees; CaBi, peritectic at 1075 degrees. Ca fusion temperature was established at 865 degrees; a eutectic containing 10% Ca was found, the eutectic line lying at 840 degrees. Below this temperature, in the 100-22% Ca interval there are 2 polymorphic transitions of Ca: at 500 and at 325 degrees. A number of these figures contradict those of Kurzyniec (Bull. Intern. Akadem. Polonaise, A, 1931, 31-58). Orig. art. has: 1 table and 4 figures.

ASSOCIATION: none

SUBMITTED: 24Mar62

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ENCL: 00

Card 1/2

ECKSTEIN Zygmunt; CRACZ, Krystyna; RUDNICKA, Barbara

Reactions of benzohydrol derivatives with 2-nitroindandione-1,3.
Pt.1. Roczniki 37 no.2:249-254 '63.

1. Department of Organic Technology II, Institute of Technology,
Warsaw.

HOFFMAN, Eliaz; RUENICKA, Lidia

Thrombosis of the portal vein. Pol. tyg. lek. 19 no.40a
1941-1942 5 0 164

1. Z Oddzialy II (chorob Wewnetrznych Szpitala Miejskiego w Gli-
wicach (Ordynator dr. med. Eliaz Hoffman).

CHWALIBOGOWSKI, A.; KROCZAK, J.; SPETT, J.; METZGER, M.; ROMANSKA, K.;
RUDNICKA, I.; SROCYNSKA, M.

Role of Salmonella and Shigella in etiology of diarrheas in
in infants and small children. *Pediat. polska* 31 no.2:139-154
Feb 56.

1. Z Kliniki Chorob Dzieciacych Sl. A.M. w Zabrze. Kierownik:
prof. dr. med. A. Chwalibogowski i z Zakladu Mikrobiologii Sl.
A.M. w Zabrze Kierownik: prof. dr. med. S. Slopek. Zabrze, ul.
3 Maja 63, Klinika Chorob Dzieci A.M.

(SALMONELIA INFECTIONS, in infant and child,
diarrhea (Pol))

(SHIGELIA, infections,
diarrhea in inf. & child. (Pol))

(DIARRHEA, in infant and child,
Salmonella & Shigella infect. (Pol))

Category : Microbiology-microbes pathogenic for Man and Animal
Abs. Jour : Ref Zhur - Biol., No.19, 1956, 86125
Author : Metzger, M.; Rudnicka, I.
Institut. : -
Title : Studies of the Antigen Structure of Strains of
Shigella flexneri Derived of Type-Specific Antigen
Orig. Pub. : Arch. Immunol. i Terap. Doswiadc., 1957, Vol.5,
77-91
Abstract : no abstract

Card: 1/1

POLAND / Microbiology. Microbes Pathogenic to Man and F-5
Animals. Bacteria. Bacteria of the Intestinal
Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72177.

Author : Metzger, Mieczyslaw; Rudnicka, Irena.
Inst : Not given.
Title : On the Problem of the Origin of Natural Dysentery
Agglutinins.

Orig Pub: Arch. Immunol. i terap. doswiadc., 1956(1957),
4, 161-178.

Abstract: In 129 sera, the level of agglutinins (A) was de-
termined for all types of dysentery bacteria and
4 serological groups of Alcalescens-Dispar (A-D).
Sera were taken from healthy persons who had not
been inoculated with corresponding vaccines and

Card 1/3

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POLAND / Microbiology. Microbes Pathogenic to Man and Animals. Bacteria. Bacteria of the Intestinal Group. F-5

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72177.

Abstract: who had not had acute intestinal infections for the past two years. In all sera, A were found against every dysentery group with the highest content of A with respect to Flexner and A-D group bacteria. In 20 samples of umbilical blood dysentery, A were not found, while sera of the mothers contain these A in sufficiently high titer. No parallel was found between the rate of isolation of separate types of dysentery bacilli in a given locality and the detection of homologous normal A. The authors reject the hypothesis on the origin of natural A as a result of the transfer of a corresponding symptomless infection, as well as their protective role during a homologous

Card 2/3

GAL'PERIN, M.I., inzh.; RUDNIK, A.G., inzh.

Special features in the installation of hydraulic power
equipment in the Volga Hydroelectric Power Station (22d
Congress of the CPSU). Energomashinostroenie 10 no.2:43-46
F '64. (MIRA 17:6)

RUDNICKA, I

✓ 4119. *Shigella* types as an aetiological agent of dysentery in Poland in the years 1953, 1954, 1955. M. Metzger, I. Rudnicka, and S. Slopek. *Bull. Acad. polon. Sci.*, 1956, 4, 49-52 (Dept. of Microbiol., Sch. of Med., Wroclaw, Poland).—In specimens from all over Poland there was a high incidence of *S. flexneri* and *S. sonnei*. *S. dysenteriae* and *Alkalescens-Dispar* constituted a small % of the total no. of strains. No *S. boydii* was found. A constant decrease in the % of *S. flexneri* and an increase of *S. sonnei* was apparent. *S. flexneri*, type 2a, was the most frequent causative agent.

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B. VINBY

METZGER, Mieczyslaw; RUDNICKA, Irena

Origin of natural dysenteric agglutinins. Arch. immun. ter. dosw.
4:161-178 1956.

1. Instytut Immunologii i Terapii Doswiadczalnej PAN we Wroclawiu
(Dyrektor: prof. dr St. Slopek) Dzial Bakteriologii i Antyblotykw
(Kierownik: prof. dr St. Slopek)

(ANTIBODIES

agglutinins, natural dysenteric, origin)

(DYSENTERY, immunol.

origin of natural dysenteric agglutinins)

SLOPEK, Stefan; METZGER, Mieczyslaw; OBST, Bronislawa; RUDNICKA, Irena

Serological varieties of *Shigella flexneri* types 1, 2, 3, & 4. Arch. immun.
ter. doz. 5:59-76 1957.

(SHIGELLA

serol. varieties of *Shigella flexneri* types 1, 2, 3, & 4
(Pol))

METZGER, Mieczyslaw; RUDNICKA, Irena

Studies on antigenic structure of *Shigella flexneri* strains lacking
type antigen. Arch. immun. ter. dosw. 5:77-91 1957.

(SHIGELLA

antigenic structure of *Shigella flexneri* strains lacking
type antigen (Pol))

METZGER, Mieczyslaw; RUDNICKA, Irena; SPETT, Janina

Selection of culture media for bacteriologic diagnosis of bacillary dysentery. Med. dosw. mikrob. 7 no.1:77-84 1955.

1. Z Zakladu Mikrobiologii Sl. A.M. Kierownik: prof. dr. St.Slopek.
(DYSENTERY, BACILLARY, diagnosis,
bacteriol., selection of culture media)
(CULTURE MEDIA,
for diag. of bacillary dysentery, selection)

RUDNICKA, Jadwiga; WROBEL, Henryka

Effects of acute gastrointestinal catarrh on the pancreas. Polski tygod.
lek. 13 no.34:1317-1320 25 Aug 58.

1. Z I Kliniki Chorob Wewnetrznych A. M. we Wroclawiu; kierownik prof.
dr Zofia Czezowska. Wroclaw, ul Poniatowskiego 2 Panstw. Szpital Klin.
I Klin. Chor. Wewn.

(GASTROENTERITIS, pathol.
pancreas (Pol))

(PANCREAS, pathol.
in gastroenteritis (Pol))

RUDNICKA, Jadwiga

Clinical aspects of methyl alcohol intoxication. Polski tygod.
lek. 16 no.20:754-760 15 My '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. we Wroclawiu; kierownik:
prof. dr med. Z. Czesowska.

(ALCOHOL METHYL toxicol)

RUDNICKA, Jadwiga; WITKOWSKA, Lucyna

Arteriovenous fistulae in the lesser circulation in a case of Osler's disease. Polski tygod. lek. 16 no.11:398-401 13 Mr '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. we Wroclawiu; kierownik prof. dr med. Z. Czezowska i z Kliniki Radiologicznej; kierownik doc. dr med. Z. Kubrakiewicz.

(FISTULA ARTERIOVENOUS compl) (ANGIOMATOSIS compl)
(PULMONARY ARTERY dis) (PULMONARY VEINS dis)

RUDNICKA, Jadwiga (Wroclaw, ul. Ogrodowa 14, Grabiszynek)

Atypical paratyphoidal B septicemia with an allergic reaction.
Polski tygod. lek. 14 no.3:117-119 19 Jan 59.

1. Z I Kliniki Chorob Wewnętrznych A.M. we Wrocławiu; kierownik: prof.
dr Zofia Czezowska.

(SEPTICEMIA AND BACTEREMIA, case reports

atypical paratyphoidal B septicemia with allergic
reaction (Pol))

(ALLERGY, case reports

allergic reaction in atypical paratyphoidal B septicemia
(Pol))

(PARATYPHOID FEVERS, compl.

atypical paratyphoidal B septicemia with allergic
reaction (Pol))

MARKIEWICZ, Maria; RUDNICKA, Krystyna

The fate of patients after subarachnoid hemorrhage. Polski tygod.
lek. 16 no.52:2013-2015 25 D '61.

1. Z Kliniki Neurologicznej AM w Lublinie; kierownik: prof. dr
W. Stein.

(SUBARACHNOID HEMORRHAGE statist)

DOBEK, M.; KOMCZYNSKI, L.; RUDNICKA, M.; SUSZKO, K.; TRZEBNY, W.;
WOJCIECHOWSKA, M.

The influence of isonicotinic acid hydrazide upon experimental
tuberculosis in guinea-pigs. Bull. Soc. amis sc. Poznan, ser. C
No.4:65-78 1954.

1. Institute of Microbiology of the Medical Academy of Poznan.
(NICOTINIC ACID ISOMERS, effects,
isoniazid on exper. tuberc.)
(TUBERCULOSIS, experimental,
eff. of isoniazid)

POLAND / Microbiology - Sanitary Microbiology.

F-3

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38426

Author : Jankowiak, A., Rudnicka, M.

Inst : Not given.

Title : Investigation of Air Infection by Microorganisms
in Some Poznan Hospitals.

Orig Pub: Prace Komis. med. doswiadc. Poznan. towarz. przy-
jaciol nauk., 1956, 14, No 1, 53-6.

Abstract: A study was conducted of bacterial air contamina-
tion in clean operating rooms, maternity quarters,
and infant wards by the Gollender and Dall-Valle
apparatus (Public Health Depts, 1939, 54, 574).
Before starting operations, twice as many bacteria

Card 1/2

DOBK, M.;NOWAKOWSKI, S.;PAWLAK, F.;RUDNICKA, M.;WOJCIECHOWSKA, M.

Role of vitamins in experimental tuberculosis in guinea pigs treated
with penicillin and streptomycin. Med. dosw. mikrob. 5 no.3:333-335
1953. (CML 25:5)

1. Poznan.

DOBK. M.; RUDNICKA, M.; WOJCIECHOWSKA, M.

Effect of associated administration of penicillin and streptomycin
on experimental tuberculosis in guinea pigs. Med. dosw. mikrob. 5 no.4:
471-475 1953. (CML 25:5)

1. Of the Institute of Microbiology of Poznan Medical Academy.

JANKOWIAK, Adam; RUDNICKA, Maria

Air pollution with microorganisms in wards of certain Poznan hospitals. Poznan. Tow. przyjaciol nauk, wydz. lek. 14 no.1: 53-65 1956.

1. Z Zakladu Mikrobiologii Lekarskiej (Kier.: Prof. dr. J. Adamski) i Zakladu Higieny (Kier.: Prof. dr. A. Jankowiak) Akademii Medycznej w Poznaniu.

(HOSPITALS,

air microbiol. in (Pol))

(AIR POLLUTION,

microbiol. in hosp (Pol))

RUDNICKA, Maria

Chemical Abstracts
May 25, 1954
Biological Chemistry

④
The effect of simultaneous penicillin and streptomycin therapy on experimental tuberculosis in guinea pigs. Maria Dobek, Maria Rudnicka, and Maria Wojciechowska (Akad. Med., Poznań, Poland). *Med. Doświadczalna i Mikrobiol.* 5, 471-5(1953).—Healthy animals treated with 100, 1000, and 2500 units penicillin (I) per 24 hrs. show toxic symptoms, but they stay alive. Infected and untreated animals survived an average of 64 days, treated with a total of 2500 units I survived only 34 days, treated with 5-15 mg. streptomycin (II) survived 72-73 days. II did not compensate for the toxic effect of I, when both antibiotics were administered simultaneously. I. Z. Roberts

LABENDZINSKI, Franciszek; RESZELOWA, Irena; HUDNICKA, Maria;
WOJCIECHOWSKA, Maria

Infectious mononucleosis. Clinical and seroepidemiological
investigations among Poznan youth during 1954-57. Poznan.tow.
przyjaciol nauk.,wydz.lek. 17 no.6:1-19 '59.
(INFECTIOUS MONONUCLEOSIS in adolescence)

RUDNICKA, M.; SUSZKO, K.; WOJCIECHOWSKA, M.

Resistance of *Staphylococcus aureus* to certain antibiotics according to investigations made during 1955-57. *Poznan.tow.przyjaciol nauk, wydz.lek.* 17 no.7:1-29 '59.

(ANTIBIOTICS pharmacol.)

(STAPHYLOCOCCUS pharmacol.)

SUSZKO, Kazimiera; WOJCIECHOWSKA, Maria; RUDNICKA, Maria

Sensitivity of Staphylococcus aureus to erythromycin with special reference to co-existing sensitivity to penicillin, streptomycin, aureomycin and chloramphenicol. Poznan.tow.przyjaciol nauk,wydz. lek. 18 no.5:5-13 '60.

(STAPHYLOCOCCUS pharmacol.)

(ERYTHROMYCIN pharmacol.)

(ANTIBIOTICS pharmacol.)

DOBK, Maria; ~~RUDNICKA, Maria~~; ZNAMIEROWSKA, Monika

Level of penicillin in the cerebrospinal fluid during therapy of neurosyphilis. Neur. &c. polska 6 no.3:321-328 May-June 56.

1. Z Klin. Neurolog. A.M. w Poznaniu, kier. prof. dr. A. Dowzenko. Z Zakladu Mikrobiol. A.M. w Poznaniu, kier. prof. dr. J. Adamski.

(PENICILLIN, in cerebrospinal fluid,
in ther. of neurosyphilis (Pol))
(CEREBROSPINAL FLUID,
penicillin, in ther. of neurosyphilis (Pol))
(NEUROSYPHILIS, therapy,
penicillin, retention rate in CSF (Pol))

RUDNICKA, Wanda

Subphrenic abscess caused by helminthiasis. *Pediat.polska* 30
no.8:695-696 Aug '55.

1. Z Kliniki Chirurgii Dziecięcej A.M. w Warszawie. Kierownik:
prof.dr med. J. Kossakowski i z Instytutu Doskonalenia i
Specjalizacji Kadr Lekarskich. Dyrektor: prof.dr med. W Hartwig
Warszawa, Litewska 16.

(HELMINTH INFECTION, complications,
subphrenic abscess in child)

(ABSCESS,
subphrenic, caused by helminthiasis in child)

(ABDOMEN, abscess,
subphrenic, caused by helminthiasis in child)

KLAMUT, Marian; RUDNICKA-CHOMICZ, Krystyna

Hereditary generalized osteosclerosis observed in 3 generations.
Pbl. tyg. lek. 17 no.47:1834-1837 19 0 '62.

1. Z Zakładu Radiologii AM w Lublinie; kierownik: prof. dr Kazimierz
Skorzynski i z Kliniki Chorob Nerwowych AM w Lublinie; kierownik:
prof. dr Wiktor Stein.

(OSTEOSCLEROSIS)

(GENETICS HUMAN)

RUDNICKI, A.

"Cooperation of the Institute of Inland Fisheries with Local Organizations." p. 1,
(GOSPODARKA RYBNA, Vol. 5, no. 8, Aug. 1953, Warszawa, Poland)

SO: Monthly Lists of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

RUDNICKI, A.

"The Inland Fisheries With Regard to the Plan for Transforming Nature in Poland." p.2,
(GOSPODARKA RYBNA, Vol. 5, no. 2, Feb. 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Lib of Congress, Vol 2, no 10, Oct. 1953, Uncl.

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A222/A026

9,4174 (also 1043)

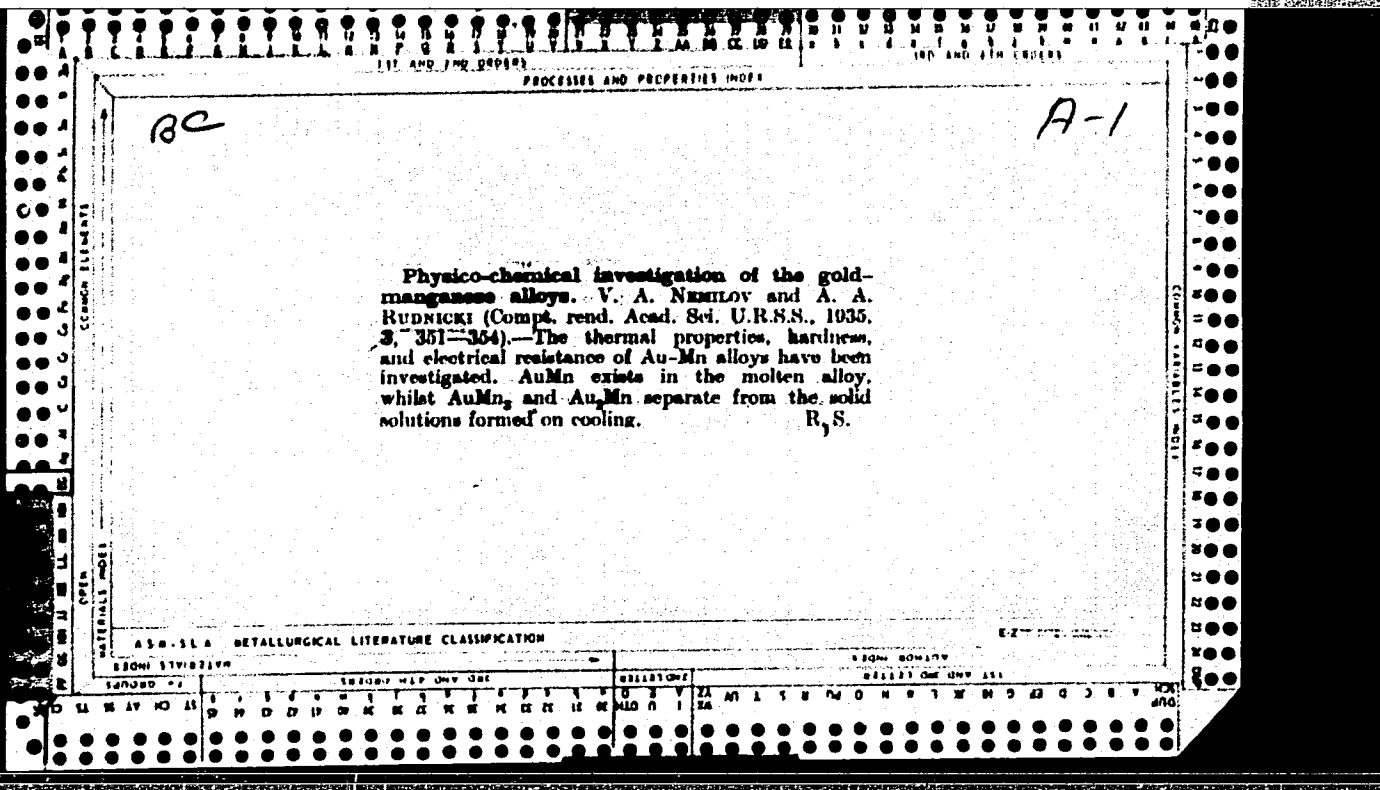
AUTHOR: Rudnicki, A.A.

TITLE: High-Temperature Thermoelements Made of Precious Metals

PERIODICAL: Pomiary-Automatyka-Kontrola, 1960, No. 4, pp. 145 - 146

TEXT: The paper constitutes a report presented by A.A. Rudnicki, USSR, at a symposium on thermoelectric thermometry held in Łódź on 1st and 2nd March 1960. The subject is introduced with general aspects such as resistance to oxidation in high temperatures, melting points of metals and alloys, diffusion processes and reduction atmosphere. Aluminum oxide (Al_2O_3) is specified as the most suitable insulator for high-temperature thermoelements. Suitability tests which involved the alloys PtRh13-PtRh1, PtRh30-PtRh6, PtRh20-PtRh5, PtRh40-PtRh20 and Rh-PtRh20 established the superiority of the alloys Rh-PtRh20 and, in the second place, IrRh60-Ir, both of which showed a deviation in thermoelectric force of less than 1% after a 100-hour annealing in air at a temperature of 1,800°C. Conclusion: most suitable are platinum-rhodium alloys, with the rhodium content proportional to thermoelectric stability. There are 3 figures and 11 references: 6 English, 3 German and 2 Soviet

Card 1/1



RUDNICKI, Boleslaw, mgr inz.

On research works connected with problems of the drop of heated water from open cooling cycles in thermal power stations. Gosp wodna 25 no.2:41-43 F '65.

RUDNICKI, Bronislaw, mgr., inż.

Report for the year 1961 on achievements within the program
for the Celebration of Poland's Millenium by Polish Miners.
Przeł gorn 18 no.1:81-84 '62.

5609

882.86.003:621.311.21

Rudnicki B. Economics Effected by the System of Hydro-Electric Power Stations.

„Efekt oszczędności węgla występujący przy wprowadzeniu do ruchu elektrowni wodnych”. Przegląd Elektrotechniczny, No. 11, 1957, pp. 483—486, 5 figs., 1 tab.

It has been found that the savings effected by a hydro-electric power station are not confined to economising coal in the production of electrical energy to meet peak demand. The installation of additional power generating units to meeting peak demand and to enable the creation of reserves in the power system, involves lower additional costs in a hydro-electric station than does the extension of a heat power station. Moreover, a hydro-electric station has many other advantages such as a much longer life, negligible periods of interruption in operating caused by damage, less frequent and shorter service stops for overhauls at 3 to 6 times lower overhaul costs, and 2 to 3 times lower amortization norms. Accordingly, the effect of hydro-electric peak power stations relates in the first place to the marked reduction of fixed annual costs. As a result of the introduction of hydro-electric peak power stations, the quality of electrical energy increases, contributing within the framework of the country's all-over power economy to the reduction of fuel consumption and to better utilization of appropriate raw materials.

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MINIEMI, P.

Sorting of sugar and sugar separators. p. 193

GAZETS CUKROWNICZA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Rolnego i Spozynczego i Centralny Zarzad Przemyslu Cukrowniczego) Warszawa, Poland. Vol. 61, no. 6, June 1959

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

RUDNICKI, E.

Dans.p.11.

PRZEGLAD TECHNICZNY. Naczelna Organizacja Techniczna. Warszawa, Poland, Vol 80,
no. 30, July, 1959.

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

RUDNICKI, Br., mgr. inż.

Report on the activities for 1961 of the tasks set up by the program for the commemoration of the one thousandth anniversary of the Polish State to be undertaken by the Polish mining industries. Wiad gorn 13 no.1:33-37 Ja '62.

1. Przewodniczacy Zespolu Obchodu Tysiaclecia Panstwa Polskiego przez Gornictwo.

RUDNICKI, Bronislaw

Medal of Thousand Years of Polish Mining. Przegl geol 10 no.10:560-3
of cover 0 '62.

RUDNICKI, Bronislaw, mgr inz.

The mining industry during Poland's 1000 years. Nafta Pol
18 no.12:323-324 D '62.

1. Przewodniczący Obchodu Tysiąclecia Państwa Polskiego przez
gornictwo, Katowice.

RUDNICKI, Bronislaw

The mining industry and the millennium of the Polish State. Przegł
gorn 18 no.12:752-753 D '62.

1. Przewodniczacy Zespolu Obchodu Tysiaclecia Panstwa Polskiego
przez Gornictwo, Katowice.

RUDNICKI, B.

The future of water-power engineering in western Europe. p. 59. (Gospodarka
Wodna, Vol. 17, No. 2, Feb 1957, Warsaw, Poland)

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

RUDNICKI, B.

RUDNICKI, B. Some remarks on the subject of the Five-Year Plan in hydraulic engineering in the light of general tendencies in the solution of complex water problems in the Soviet Union. p. 404. GOSPODARKA WODNA. Warszawa, Poland. Vol. 15, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 6, No. 6, June 1956

RUDNICKI, B.

Considerations of the subject "Small Hydroelectric Power Stations," p. 57.
(GOSPODARKA WODNA, Warszawa, Vol. 15, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

RUDNICKI, B.

Economic problems of hydroelectric power stations in Poland, p. 45. (GOSPODARKA WODNA, Warszawa, Vol. 15, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

RUDNICKI, Bronislaw, mgr inz.

Mining industry during the 1000-year celebration of the Polish State. Wiadom gorn 13 no.12:456-457 D '62.

1. Przewodniczacy Zespolu Obchodu Tysiaclecia Panstwa Polskiego przez gornictwo, Katowice.

RUDNICKI, J.

GEOGRAPHY & GEOLOGY

Periodicals: acta Paleontologica Polonica, 1958

RUDNICKI, J. The origin of caves in the Lodowe Zrodlo system and their relations to the development of Koscieliskha Valley. p. 245

Monthly List of East European Accessions (MEAL) LC. Vol 8, No. 4
April 1959, Unclass

RUDNICKI, J.

TECHNOLOGY

PERIODICAL: PREZGLAD GEOLOGICZNY. Vol. 6, no. 3, Mar. 1958.

RUDNICKI, J. A few remarks on the development of caves in the Kosielska and Miebuska Valleys. p. 131.

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 4
April 1959, Unclass.

Rudnicki, J.

3024

034.056.3 : 634.97.031.632.13 : 031.415.1

Rudnicki J. Results of Seedling Birch in Various Soil Acidities.

"Wyniki siewów brzozy przy różnej kwasowości gleby". Sylwan. No. 4, 1953, pp. 205-209, 2 figs., 2 tabs.

The fact that seedlings of birch (*Betula verrucosa*) frequently fail to thrive, led to the conduct of pot tests at the Forestry Branch of the Forestry Research Institute (IBL). The purpose of the tests was to determine the influence of soil acidity (pH) on germination of seeds and initial development of seedlings. Soils with a pH of from 4 to 7 were used for the tests; the necessary pH was achieved by using a solution of H_2SO_4 and neutralizing with $Ca(OH)_2$. Full moisture requirements were assured. It was proved that: 1) moisture is not the sole and decisive factor for assuring good germination of seeds; 2) a soil pH of 5 or higher is required for proper seed germination; a pH of more than 6.5 results in a decline of germination; 4) a solution with a pH=6 (the pH of rain water) used for watering soils with a pH of 4 to 5 showed a distinctly neutralizing effect. This is important for initial development of seedlings on acid soils; where the seedling roots meet with a pH=6 even at a depth of 10 cm. This explains why birch seedlings developed well although germination was poor. The development of seedlings is also influenced by the soil pH. Soils with a pH of 5.5 to 6.5 and adequately moist should be selected for nurseries.

COUNTRY : Poland
CATEGORY : Forestry. Forest Cultures. K
ASC. NUMB. : REBBIol., No. 23 1958, No. 104553
AUTHOR : Rudnicki, Jerzy
TITLE : Stabilizing Influence of Soil Preparation on Stand Condition
ORIG. JOUR. : Las polski, 1956, 30, No. 7, 15-16
ABSTRACT : The value of soil preparation for the acclimatization and future condition of forest cultures is described. It is emphasized that the method of preparing the soil is reflected in the condition of the stands not only in the initial period but also during all of their lifetimes; this influence does not weaken but is reinforced with time.--M. V.

Card: 1/1

RUDNICKI, J.

"Inspecting an automobile. 8." (P. 259). MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego) Warszawa, Vol. 8, No. 9, Sept 1953.

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

RUDNICKI, Konrad (Warszawa)

Motion in the universe. Pt. 2. Urania 32 no.9:270-274 S '61.

(Astronomy) (Mechanics, Celestial)

RUDNICKI, K.

Theory and observations of the Galactic rotation. Postepy astronom
9 no.4:237-238 0-D '61.

Wardlaw-Kay, Acta Astronomica, Vol. 12, No. 1, 1962

(14) (34)

- 1. "The Infrared Spectrum of Carbon Stars, Part II. Partial Velocities, W. Minkowski, Strasbourg Observatoire de Strasbourg (Strasbourg, France) and University of the Polish Academy of Sciences (Warsaw); German article; Nischen Akademie der Wissenschaften; German article; pp. 1-27.
- 2. "Close Binaries. II. A Preliminary Discussion of the Subclass of Close-binary Systems," J. Bialy, of the Department of Astronomy, University of Warsaw and the Institute of Astronomy, Polish Academy of Sciences; English article and summary, pp. 29-54.
- 3. "Observations of the Polarization of the Light of Double Stars (1959)," Z. Gijele, of Wroclaw Observatory; English article, pp. 55-57.
- 4. "Photometry of the Sunspot Continuous Spectrum," A. Stankevicz of the Astronomical Observatory, Wroclaw; English article and summary, pp. 59-74.
- 5. "The 127 Mc/s Star Radio Emission in the Year 1959," J. Korolowski, S. Szymanski, H. Zemanicki, Z. Turko, of the Astronomical Observatory of the Jagiellonian University and the Institute of Astronomy of the Polish Academy of Sciences; English article and summary, pp. 75-83.
- 6. "Crown Solar Radio Observations for April 1959-June 1960," A. Korolowski, of the Jagiellonian University, Department of Astronomical Observatory and Astrophysical Observations, Wroclaw; English article, pp. 84-89.
- 7. "Orbit of ADS 1210 = 1195," St. Wierzbinski, of the Wroclaw Observatory (Wroclaw Observatory); French article, pp. 90-93.

RUCNICKI, K.

Morphology of the definitions of clusters of galaxies and the problem of "Second Order Clustering." Acta astronomica 11 no.4: 273-283 '64.

1. Astronomical Observatory of the Warsaw University. Submitted June 1964.

RUDNICKI, K.

Professor Michal Kasienski's sixty years of scientific work.
Fostepy astronom 12 no.4:271-272 O-D '64.

RUDNICKI, K.

Cluster of Perseus I Galaxies. Postepy astronom 12 no.1:
17-18 '64.

Problem of distinguishing clusters of galaxies from various
distances. Ibid.:19-20

Relation between large clusters of galaxies and intergalactic
absorption. Ibid.:20-21

RUDNICKI, K.

The visible distribution of galaxies in the Perseus Cluster. Acta astronom 13 no.4:230-242 '63.

1. California Institute of Technology and Warsaw University Observatory.

RUDNICKI, K.

Author's remarks to B. Paczynski's work. Postepy astronom
12 no.3:218 '64.

Numerical approach to theoretical problems of stellar
dynamics. Ibid.:219-220

KARPOWICZ, M.; RUDNICKI, K.; TOMASIK, H.

An experimental determination of the velocity ellipsoid of carbon stars. *Postepy astronom* 9 no.4:225 C-D '61.

1. Observatorium Astronomiczne Uniwersytetu Warszawskiego ,
Zaklad Astronomii Polskiej Akademii Nauk.

RUDNICKI, K.

Indicated intergalactic absorption in regions of the sky occupied by the largest near and medium distant clusters listed in the Catalog of Galaxies and Clusters of Galaxies by Zwicky-Herzog-Wild. Acta astronomica 13 no.3:165-168 '63.

1. Warsaw University Observatory and California Institute of Technology.

ACCESSION NR: AP3012280

P/0009/63/013/003/0165/0168

AUTHOR: Rudnicki, K.

TITLE: Indicated intergalactic absorption in regions of the sky occupied by the largest near and medium distant clusters listed in the catalogue of galaxies and clusters of galaxies by Zwicky-Hersog-Wild

SOURCE: Acta astronomica, v. 13, no. 3, 1963, 165-168

TOPIC TAGS: galaxy, galaxy cluster, galaxy catalog, galaxy cluster catalog, intergalactic obscuration/open cluster, open galaxy cluster, medium compact cluster, medium compact galaxy cluster, compact cluster, compact galaxy cluster, universal redshift, near cluster, medium distant cluster, distant cluster, very distant cluster, small cluster, spectral redshift, spectral line, spectral line redshift, universal spectral line redshift, galaxy classification, galactic structure, galaxy structure

ABSTRACT: The following test was made as a check for the presence of intergalactic obscuration which Zwicky found to be associated with large and richly populated clusters of galaxies. The total number of very distant clusters in all respective fields in which the largest clusters of a given structural type and given distance

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ACCESSION NR: AP3012280

(especially near and medium distant clusters) are found was considered. The Zwicky-Herzog-Wild catalogue was used as a source. A diagram (Enclosure) was prepared showing the fifteen largest clusters in the catalogue, including 5 open, 5 medium compact and 5 compact. Enclosure shows that both the three largest near and the three largest medium distant clusters of the three respective structural types are located in fields which are poor in very distant clusters. Five out of six lie in fields in which the number of very distant clusters is smaller than the average of 7.1 per field. The results tend to confirm the findings of Zwicky that large near and medium distant clusters contain enough intergalactic dust and that they cover large enough fields so as to dim the light coming from more distant galaxies and in this way decrease appreciably the identifiable number of very distant galaxies. No systematic error is responsible for this effect. Orig. art. has 1 figure and 1 table.

ASSOCIATION: Warsaw University Observatory

SUBMITTED: 00

DATE ACQ: 26Nov63

ENCL: 01

SUB CODE: AS

NO REF SOV: 000

OTHER: 004

Card 2/32

RUDNICKI, K.

On W. Zonn's article on statistical studies on the population of galaxy clusters. Postepy astronomii no.4:275-278 '63.

• RUDNICKI, K.

The variability of the parameters of the velocity body of stars in relation to the distance from the galactic plain.
Postepy astronom 10 no.1:83 Ja-M '62.

RUDNICKI, K.

Theory and observations concerning the rotations of the
Galaxy. Postepy astronom 9 no.4:237-238 '61.

RUDNICKI, K.

A conference on Microcosmos, macrocosmos, megacosmos. Postepy
astronom 13 no.2:137-138 '65.

RUDNICKI, Konrad

Relationship of the velocity body of stars with the position
in space. Postepy astronom 10 no.1:44-54 Ja-M '62.

KARPOWICZ, M.; RUDNICKI, K.; TOMASIK, H.

An attempt to determine the velocity ellipsoid of carbon stars. Postepy astronom 9 no.4:225 '61.

1. Obserwatorium Astronomiczne, Uniwersytet, Warszawa i Zaklad Astronomii, Polska Akademia Nauk, Warszawa.

KARPOWICZ, M.; RUDNICKI, K.; TOMASIK, H.

Warsaw studies of the velocity body of carbon stars.
Postepy astronom 10 no.1:69 Ja-M '62.

WILNICKI, A.

SCIENCE

periodicals: PROCEEDINGS ASTRONOMICZKI Vol. 6, no. 3, July/Sept. 1958

WILNICKI, A. A new tentative method of devising dynamics of star systems. p. 92.

Monthly List of East European Accessions (EMEA) LC Vol. 8, no. 5
May 1959, Unclass.

RUDNICKI, K.

Kinematics of the carbon stars. Pt.2. Acta astronom 12 no.1:
1-27 '62.

1. Sternwarte der Warschauer Universität, Astronomisches Institut,
Polnische Akademie der Wissenschaften, Warschau.

RUDNICKI, K.

The theorem of Idlis or the modification of the theorem of
Jeans as in stellar dynamics. Postepy astronom 10 no.1:95-96
Ja-M '62.

RUDNICKI, K.

Supernova SN 111. Postepy astronom 10 no.4:353-354 Q'D '62.

1. Obserwatoria Mt. Wilson i Mt. Palomar, Waszyngtonski Instytut
Carnegiego, Kalifornijski Instytut Technologii i Obserwatorium
Astornomiczne Uniwersytetu Wąnszawa.

S/269/63/000/003/020/036
A001/A101

AUTHORS: Karpowicz, M., Rudnicki, K., Tomasik, H.

TITLE: Warsaw studies of velocity distribution of carbon stars

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 3, 1963, 39, abstract
3.51.305 ("Postępy astron.", 1962, v. 10, no. 1, 69, Polish)

TEXT: See abstract 28. It is reported briefly that, according to re-
sults obtained by the authors, the vertex of carbon stars is oriented approxi-
mately to the center of the Galaxy.

W. Wiśniewski

[Abstracter's note: Complete translation]

Card 1/1

S/269/63/000/003/019/036
A001/A101

AUTHOR: Rudnicki, K.

TITLE: The change in parameters of stellar velocity distribution with distance from the galactic plane

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 3, 1963, 39, abstract 3.51.304 ("Postępy astron.", 1962, v. 10, no. 1, 83, Polish)

TEXT: See abstract 28. This is a brief report on the comparison of results of van Rhijn and the author on the growth of velocity dispersion for two different groups of stars with increasing distance from the galactic plane.

W. Wiśniewski

[Abstracter's note: Complete translation]

Card 1/1

ACC NR: AP7000208

(N)

SOURCE CODE: PO/0099/66/040/002/0191/0198

RUDNICKI, R. and KOLITOWSKA, J. H., of the Department of Inorganic Chemistry,
Technical University (Katedra Chemii Nieorganicznej Politechniki) Warsaw.

"Condensation and Oxidation - Reduction of Inorganic Oxygen Compounds of
Phosphorus. V. Action of Iodine on Solid Anhydrous Sodium Hypophosphite
 NaH_2PO_2 "

Warsaw, Roczniki Chemii, Vol 40, No 2, 1966, pp 191 - 198.

Abstract (Authors' English abstract modified): The hydrolysis products of
substances formed in the reaction of 1 NaH_2PO_2 and 1/2 I_2 were investigated
with special reference to the part insoluble in water. The reaction is
strongly exothermic. The authors thank Professor M. Michalski for investing
them with the carrying out of this work as well as for the valuable attention
in posing questions during the development of the problems. Further thanks
go to Professor B. Blaser and K. H. Worms for providing the samples. Orig.
art. has: 5 figures and 3 tables. [JPRS: 36,002]

TOPIC TAGS: condensation reaction, redox reaction, phosphorus compound

SUB CODE: 07 / SUBM DATE: 12Jun65 / ORIG REF: 010 / OTH REF: 014

Card 1/1

0923 0744

WIECZFFINSKI, Kazimierz; RUDNICKI, Remigiusz

Application of paper chromatography for the identification of oxidation products of sodium hypophosphite. Chem anal 5 no.4:587-596 '60.
(EEAI 10:9)

1. Department of Chemistry, Military Technical Academy, Warszawa
and Department of Inorganic Chemistry, Polytechnic, Warszawa.

(Chromatography) (Sodium hypophosphites)

RUDNICKI, Remigiusz

A new color reaction for sulfate and pyrosulfate ion determination
on paper chromatograms. Chem anal 5 no.5:769-774 '60.
(EEAI 10:9)

1. Department of Inorganic Chemistry, Politechnika, Warsaw.

(Sulfates) (Pyrosulfates) (Chromatography)

WIECZFFINSKI, Kazimierz; RUDNICKI, Remigiusz

Application of paper chromatography to the identification of products of pyrolytic decomposition of sodium hypophosphite.
Chem anal 5 no.3:445-455 '60. (EEAI 10:8)

1. Katedra Chemii Nieorganicznej Politechniki, Warszawa i Katedra Chemii Wojskowej Akademii Technicznej, Warszawa.
(Chromatography) (Pyrolysis) (Sodium hypophosphites)

RUDNICKI, Remigiusz

Separation of hydrogen sulphate, sulphate, pyrosulphate from hypophosphite, phosphite hypophosphate and condensed phosphate by means of one dimensional ascending paper chromatography. Chem anal 6 no.5: 761-769 '61.

1. Department of Inorganic Chemistry, Politechnical College, Warsaw.

WIECZFFINSKI, Kazimerz; RUDNICKI, Remigiusz

Application of the photometric method for the determination of condensed phosphates in products of the pyrolytic decomposition of sodium hypophosphite. Chem anal 6 no.5:775-782 '61.

1. Department of Inorganic Chemistry, Politechnical College, Warsaw.

WIECZFFINSKI, Kazimierz; RUDNICKI, Remigiusz

Photocolormetric determination of phosphates in products of the oxidation of sodium hypophosphite with sodium hydroxide in the solid phase. Chem anal 6 no.5:783-785 '61.

1. Department of Inorganic Chemistry, Politechnical College, Warsaw.

POLAND/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46238

Author : R. Rudnicki

Inst : Academy of Sciences of Poland.

Title : Disproportionation of Sodium Metabisulphite ($\text{Na}_2\text{S}_2\text{O}_5$)
in the Presence of Sodium Hydroxide (NaOH).

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 6, 663-666

Abstract : The reactions taking place at heating a mixture of pulverized $\text{Na}_2\text{S}_2\text{O}_5$ and NaOH to 100 - 400° in a N_2 flow were studied. $\text{Na}_2\text{S}_2\text{O}_5$ disproportionates at 100 to 200° in the same way as in the case of alkali absence. At temperatures above 300°, the disproportionation proceeds according to the equation

Card 1/2

ASKANAS, Zdzislaw; CZERWINSKA, Stanislaw; LISZEWSKA, Danuta; MICHALSKI, Eugeniusz; RUDNICKI, Stanislaw; RYWIK, Stefan; SLIDZIEWSKI, Konstanty

Methods for the evaluation of results of the representative investigation of blood pressure distribution in general population. Pol. tyg. lek. 20 no.28:1039-1042 12 J1 '65.

1. Z Centralnej Przychodni Chorob Układu Krążenia w Warszawie (Kierownik: prof. dr. med. Zdzisław Askanas).

ASKANAS, Zdzislaw; CZERWINSKA, Stanislaw; LISZEWSKA, Danuta;
MICHALSKI, Eugeniusz; RUDNICKI, Stanislaw; RYWIK, Stefan;
SLIDZIEWSKI, Konstanty

A method for the selection of a representative sample for the investigation of the level of arterial pressure in large population groups. Pol. tyg. lek. 20 no.23:830-834 7 Je '65.

1. Z Centralnej Przychodni Chorob Układu Krążenia w Warszawie (Kierownik: prof. dr. med. Zdzislaw Askanas).

RUDNICKI, Stanislaw; KRAUSE, Krustyna; HOLYST, Jerzy

A polysymptomatic neurological and psychiatric syndrome as a consequence of an anomaly of the anterior section of the Willis arterial circle. Neurol neurochir psych 12 no.2:265-273 Mr-Ap '62.

1. Klinika Neurochirurgii, Akademia Medyczna, Warszawa (Kierownik: prof. dr J. Chorobski); Klinika Psychiatryczna, Wroclaw (Kierownik: doc. dr M. Demianowska) i Klinika Neurologiczna, Wroclaw (Kierownik: prof. dr R. Arend).

Exoerpta Medica Sec 16 Cancer Vol. 2/4 April 54

1979. RUDNICKI S. Klin. Neurochir. A.M., Warszawa. Anatomia patologiczna, biologia, klinika i leczenie chirurgiczne guzów srodkregoslupowych *The pathological anatomy, biology, diagnosis and surgical treatment of spinal cord tumours* Neurol., Neurochir. i Psychiat. polska, Warszawa 1952, 2/3 (261-284) Tables 3 Illus. 6

The proportion of spinal tumours to cerebral tumours in 114 personal cases was 1 to 10. In the classification of Elsberg and Kernohan, meningiomas and neurofibromas constitute 42% of all spinal tumours. Surgical treatment leads to either recovery or improvement in about 75% of cases.

Ziemnowicz - Wrocław

RUDNICKI, S.

3487

Klin. Neurochir. A.m., Warszawa. O tarczy zastoinowej w przypadkach guzow rdzenia
Papilloedema in cases of tumours of the spinal cord Neurol. Neurochir. Psychiat. polska
1951, 1/1 (49-54)

Papilloedema was observed in a woman with neurilemoma of the roots of the spinal nerves pressing on the medulla at the level of the 3rd dorsal vertebra. After the removal of the neoplasm the papilloedema subsided and the patient has been completely well for the last 2 yr. after operation. It is considered that hydrocephalus and consequently papilloedema of the optic nerves occurs in cases of tumours of the spinal cord because of the closing of the spaces, where CSF is absorbed. In such cases a part of the CSF, which is, following the author, normally absorbed by the meningeal sac of the medulla collects in excessive quantity within the cranium. It may be too, that the increase of intracranial venous blood pressure is due to the pressure of the plexus of spinal veins.

Wenda - Bydgoszcz

So: Excerpta Medica, Section VIII, Vol. 5, No. 9, September 1952

BOWKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; MIERNOWSKI, Stanislaw; TOCZEK,
Stanislaw; RUDNICKI, Stanislaw; HAFTEK, Jan

Cerebral angiography in the region of the internal carotid
artery (preliminary communication). Polski przezgl.radiol.
23 no.5:283-297 S-0 '59.

1. Z Zakładu Radiologii Lekarskiej A.M. w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski i z Kliniki Neurochirurgicznej
A.M. w Warszawie Kierownik: prof. dr med. J. Chorobski.
(CEREBRAL ANGIOGRAPHY)