

WASINSKI, Mirosław; WŁOSINSKI, Włodzimierz

Determination of metals of considerable vapor pressure
in materials used in electronics. Przegl elektroniki
3 no.11:635-636 N. '62.

1. Zakłady Lamp Oscyloskopowych, Warszawa.

WLOSTOWSKA, Januta; SZRODT, Jerzy

Asphalt as a filler for foam rubber. Polimery tworzyw wielk
9 no.5:212-214 My'64.

1. Latex Laboratory, Institute of the Rubber Industry,
Warsaw.

A 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		A 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		A 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		A 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		A 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		A 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		A 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		A 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		A 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		A 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		A 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		A 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	
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CA
WLOSTOWSKA, W

d-Galacturonic acid in pectins. K. SZOJENSKI AND W. WLOSTOWSKA, *Poln. Central. Lab. Chemicz.* 1929, 392-5; *Chimia & Industrie* 27, 1480(1930). d-Galacturonic acid was obtained in a crystalline state from purified beet pectin as follows: hydrolyze with NaOH, acidify with HCl, ppt. the crude pectic acid with alc., hydrolyze 2 hrs. at 125-30° with 0.1 N H₂SO₄, eliminate H₂SO₄ conc., treat with alc., ppt. d-galacturonic acid with Ba(OH)₂, decomp. the Ba salt with H₂SO₄ conc., and treat with 70% alc. After some time crystals of d-galacturonic acid hydrate, 116-20°, appear, to which the formula CH(OH)[CH(OH)]₂CO₂H is attributed. A. P. C.

ASA-11A METALLURGICAL LITERATURE CLASSIFICATION

LIST AND INDEX

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

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

IV AND 2ND EDITIONS

PROCESSES AND PROPERTIES INDEX

WLOSTOWSKA, W.

Pectin substances. VIII. K. SMOLEŃSKI, W. WLOSTOWSKA AND A. BILYŃSKI. *Roczniki Chem.* 10, 328-41(341 French)(1930); cf. C. A. 22, 4110. — From the results of this study based on the colloidal properties of the galacturonide (pure pectin substance), the galacturonide is considered to belong to the group of hydrophilic colloidal substances with active surface. The galacturonide is found to be often analogous to polygalacturonic acid. J. KUČERA

ASMSLA METALLURGICAL LITERATURE CLASSIFICATION

WLOSTOWSKA, W.

ed

Polygalacturonic acid. WANDA WLOSTOWSKA, *Roczniki Chem.* 10, 342 B (1938 French) (10330); cf. C. A. 25, 3003. In this further contribution to the knowledge of polygalacturonic acid a part of the CO₂H groups is found to be combined, most probably in the form of a lactone, on the basis of the titrations of the acid with alkali. J. KUČUBA

10

COMMON ELEMENTS

COMMON VARIANTS INDEX

OPEN

MATERIALS INDEX

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION SYMBOLS

SECTION SYMBOLS

GROUP	SUBGROUP	SECTION SYMBOLS	SECTION SYMBOLS
A	1		
A	2		
B	1		
B	2		
C	1		
C	2		
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11A

WLOSTOWSKA, W

PROCESSES AND PROPERTIES INDEX

The degree of sweetness of organic substances and methods of its determination.
W. WLOSTOWSKA. Gaz. Chémicznia 66, (681-6)(1931).—A review. J. W.

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND LETTERS

3RD AND 4TH LETTERS

5TH AND 6TH LETTERS

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9TH AND 10TH LETTERS

11TH AND 12TH LETTERS

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16

CP

WLOSTOWSKA, W.

Application of the Kolthoff-Kralchever method for the determination of sucrose in beers. Wanda Wlostowska. *Przemysl Chem.* 17, 18-22(1938).—From beer freed from CO₂ the aluminum and colloids are removed by a predetd. amt. of basic Pb acetate followed by a corresponding amt. of 10% NaHCO₃. The beer is then decolorized by activated charcoal and if necessary by infusorial earth. Fifty cc. of the decolorized beer is pipetted into a 100 cc. volumetric flask and inversion brought about by 5 cc. 0.5 M HCl for 10 min. at 68-70°. The soln. is neutralized in presence of methyl orange and diluted to the mark. To 25 cc. of this soln. in another 100 cc. volumetric flask 20-5 cc. H₂O is added, then 5 cc. 4 N NaOH and 16 cc. I soln. (18 g. I, 15 g. KI in 100 cc.). After acidification and removal of excess of I and then neutralization with NaOH the soln. is diluted to the mark. Fructose in 20 cc. of this soln. is detd. by Bertrand's method. Fructose so found is converted to invert sugar by the factor 2, and to sucrose by the factor 0.95. Expt. showed that sucrose in beer is almost completely spontaneously inverted. In pasteurized beer the inversion proceeds much more slowly. Where necessary fructose may be detd. before inversion (F₁) and after (F₂). The invert sugar = 2F₁, and sucrose = (F₂ - F₁) × 2 × 0.95. A. C. Zachlin

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

COMMON VARIANTS INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND LETTER

3RD AND 4TH LETTER

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11TH AND 12TH LETTER

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WŁOSTOWSKA, W. 13

PROCESSES AND PROPERTIES INDEX

OK

The sampling and detection of war gases. W. Włostowska. *Przegląd Obrony Przeciwlotniczej i Przeciwgazowej*; *Biol. Gaz.* 9, 14-19, 44-49 (1938); *Chem. Zentr.* 1938, II, 3194.—Methods and app. for taking gas samples are described and characteristic reactions for the detection of the known war gases given. The gas-testing app. of Dräger-Schröter is described. W. A. Moore

COMMON ELEMENTS

COMMON VARIABILITY INDEX

MATERIALS INDEX

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETIC INDEX

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

WLOSTOWSKA, W.

In memory of Adolf Siwicki (1877-1955). p. 643.
(WIADOMOSCI CHEMICZNE. Vol. 10, no. 12, Dec. 1956, Poland)

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

DRYJSKI, Josef; WLOSTOWSKI, Jan.

Giant aneurysm of the abdominal aorta treated surgically. Polski tygod.lek. 10 no.35:1150-1152 29 Aug 55.

1. Z IV Kliniki Chirurgicznej A.M. w Warszawie; kierownik Kliniki:
doc. dr. med. J.Dryjski. Warszawa, ul. Emilii Platter 25 m. 2.
(AORTIC ANEURYSM
abdom., giant, surg.)

WLOSTOWSKI, Jan

Congenital celomic cyst of the pericardium. Polski przegl.
chir. 28 no.9:939-940 Sept 56.

1. Z IV Kliniki Chirurgicznej A.M. w Warszawie Kierownik:
prof. dr. med. J. Dryjski. Warszawa, ul. Ogrodowa 24.

(PERICARDIUM, neoplasms,
mesothelioma (Pol))

(MESOTHELIOMA, case reports,
pericardium (Pol))

WLOSZCZAKSKI, Stanislaw, dr

Problem of the value of water and its price as raw material.
Gosp wodna 23 no. 10:365-371 0 '63.

WLOSZCZOWSKI, Stanislaw, dr.

Studies on the economic effects of investments in water
management. Gosp wodna 22 no.9:386-392 S '62.

WNEK, Edward (Rzeszow)

Role of social committees in tuberculosis control. Gruzlica
31 no.6:521-526 Je'63.

*

WNEK, Kazimierz; PACZOSINSKI, Zygmunt

Prospects for the coke industry. Probl prof hut maszyn 13
no.2:61-63 P '65.

1. Koksoprojekt, Zabrze

1ST AND 2ND ORDERS 3RD AND 4TH ORDERS

WNEK VI. PROCESSES AND PROPERTIES INDEX

F H

3639. CRUDE BENZENE IN POLAND. Wnek, M. (Przemysl Chem., 1948, vol. 4, 292-295; abstr. in Chem. Abstr., 1948, vol. 42, 9120).

Prewar and present methods of refining crude benzene in Poland are described and some of the technical problems that still confront the industry are outlined. Production and capacity data are given for 1938 and 1947.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

RESEARCH														BIBLIOGRAPHY																																													
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W. Niek, M.

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Bylicki A., Hostafińska D., Wiek M. Investigation of the Method of Drawing up a Balance of Organic Bases from Coke By-Products.

„Z badań nad metodyką bilansu zasad organicznych z produktów koksowania”. Przemysł Chemiczny, No. 10, 1955, pp. 565—571, 2 figs., 5 tabs.

Presents the results of work on methods of drawing up a balance of pyridine bases in coke by-products. A description is given of methods: 1) of determining in raw bases from oil tar the content of narrow fractions by distillation connected with cryoscopic determinations of the temperatures of the disappearance of crystals of anhydrous hydrochlorides; and 2) of detailed analysis of the composition of the fraction of pyridine bases by determining the content of individual isomers by fractional crystallisation of their hydrochloric salts. The total composition of pyridine bases in an average sample of Polish coal tar, in its distillates and in an average sample of raw benzene is given.

Chem

3

WNEK, M.

Some problems of processing coke by-products of processing coke by-products. p. 541. PRZEMSYL CHEMICZYN. Vol. 11, no. 10, Oct. 1955. Warszawa.

Source: East European Accessions List, (EEAL), Lc, Vol. 5, no. 2, Feb. 1956

WNEK, M

2036. METHOD OF SEPARATION OF ORGANIC BASES IN CARBILIZATION PRODUCTS.
1. ESTIMATION OF QUANTITIES AND TYPES OF ORGANIC BASES IN COAL TAR
AND IN CERTAIN TYPES OF CARBILIZATION PRODUCTS. The method of
analysis is described. The method of separation of the bases is
described. The method of estimation of the quantities of pyridine
bases in the coal tar oils, in an average sample of coal tar and crude
benzene are given. The method of distillation of mixtures of fractions of
I in the mixture of crude I consisted in measuring the temperatures of
disappearance of crystals of hydrochlorides of the samples collected during
the distillation of mixtures of I. The fractions of pyridine, 2-picoline,

KRUPOWICZ, Jan; WNEK, Maria

Obtaining of dicarenesulfinyl. Roczniki chemii 35 no.5:1329-1332 '61.

1. Katedra Chemii Organicznej, Uniwersytet im. M. Kopernika, Torun.

WNEK, Mieczyslaw

Selection of proper profiles and size of plant for processing
coal-tar derivatives. Koks 8 no.4:130-137 JI-Ag '63.

1. Koksoprojekt, Zabrze.

WNEK, SYLWESTER

WOJCIENCHOWSKI, Edmund; WNEK, Sylwester; LEWINSKA, Zofia; FRYGIN, Czesława

Q fever serological examination of in meat and breeding animals.
Przegl. epidem., Warsz. 11 no.1:65-68 1957.

1. Z Zakładu Bakteriologii Państw. Zakładu Higieny i Obwodn Urzedn
Badania Zwierzat Rzeznych i Miesa P. R. N. Warszawa.

(Q FEVER, immunology,

serol. reaction in domestic animals in Poland (Pol))

WNEK, W.

Achievements in construction on state farms. p. 7.

BUDOWNICTWO WIEJSKIE . (Ministerstwo Rolnictwa i Ministerstwo Panstwowych
Gospodarstw Rolnych) Warszawa, Poland. Vol. 11, no. 7, July 1959.

Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960.
Uncl.

WNEK, Wladyslaw

The execution of the investment plan for the State owned farms in 1961.
Bułown Wiejskie 14 no.4:28-29 Ap '62

CA WNEK-CHORZOW, M.

51

Modern methods of benzene refining. M. Wnek-Chorzow. *Przemysl Chem.* 7, 607-10(1951).—A review with 17 references. Edward A. Ackermann

WNEKOWA, Z.; MROZEWSKI, S.

New assortments of fruit products containing vitamin C. p. 170.

(PRZEMYSŁ SPOZYWCZY. Vol. 11, No. 4, Apr. 1957, Warszawa, Poland.)

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

WNEKOWSKA, L.

146. TYPES OF COAL FROM DIFFERENT COAL FIELDS. Roga, B. and Wnekowska, L. (Prace Główn. Inst. Geol. (Contr. chief Inst. Min., Stalinogrod), 1951, Komunik. 101, 4pp.). Proximate and ultimate analyses were obtained for typical British, Belgian, U.S., Netherlands, French and Ruhr coals. Their caking properties are discussed. The Polish system of classification is explained and is applied to the foreign coals. (1).

(1)

F WNEKOWSKA, L.

T

5666. DETERMINATION OF PHOSPHORUS IN COAL. Wnekowska, L. and
Czabek, S. (Katowice: Prace Głow. Inst. Gór. (Proc. Chief Inst. Min.),
1951, Komunik. 83, 12pp.). Methods of determining phosphorus in solid
fuels and modern views on the forms of phosphorus in coals are reviewed.
A modification of the Kjeldahl method was adopted for determining phos-
phorus in coals. It was found to give higher values for phosphorus content
than tests on the ash of the same sample. (L).

WNEKOWSKA, Lidia

7

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Analytical Chemistry

Direct determination of oxygen in bituminous coal. Lidia Wnekowska and Jadwiga Leinjak. *Prace Głównego Inst. Górniczo-Koal. No. 132*, 15pp. (1952) (English summary).—A modified Unterzaucher's method, as reported by Alulse, *et al.* (*C.A.* 41, 4407e), for direct detn. of O in org. compds, was adapted to bituminous coal. An enlarged app. for larger samples and a metallic Ag absorber for the removal of H₂S were used. The results obtained by direct detn. are closer to the actual O content than results obtained by calen. 33 references. F. J. Hendel

Determination of small quantities of nitrogen in gases. A. E. Romanushkina, S. L. Kloerman, and M. T. Temkin. *Phys.-Chem. Inst., Moscow*. *J. Anal. Chem. (U.S.S.R.)* 7, 351-2 (1952) (Engl. translation).—See *C.A.* 47, 2637d. H. L. H.

Polish, Technical Abst.
No. 4, 1953
Chemistry and Chemical
Technology

2433 ✓

339.6:662.66

Wnekowska L. Problems and Difficulties in Standardizing
Coal Analysis Methods.

Problemy i trudności normalizacji analizy węgla.

Wiadomości PKN. No. 2, 1953, pp. 97-101.

Technical analysis of coal includes the determination of moisture, volatile matter, combustion temperature and calorific value. The results of such analysis frequently depend on the method adapted. Standardization of methods of analyzing coal is, since it facilitates correct classification, a matter of considerable importance.

The standards should extend to all methods of determination, and to terminology. Standardization of coal analysis methods, should, whatever the difficulties of doing so, be brought to an early head—not merely on a national, but also to an international scale. Poland has already surmounted most of the difficulties involved. The Polish Standards Committee has accepted eleven standards dealing with methods of testing coal, and six dealing with sampling and preparation of samples.

4/20/54
SPP

Wnękowska, L.

Types of Polish coals from the modern viewpoint on coal structure. B. Rogu, L. Wnękowska, and J. Leśniak. *Prace Głównego Inst. Geol. Państwa, Ser. B, Komun.* No. 152, 10 pp. (1964) (English summary).—Proximate and ultimate analyses of 9 peats, 4 brown, and 47 bituminous coals are given. True d. (Franklin method, *C.A.* 42, 7003i) and structural analysis (van Krevelen method, *C.A.* 47, 9591f) are included. R. S. Lubomirski

TUC 2

WIEKOWSKA, L.

Determination of the total nitrogen in various kinds of solid
fuels. p. 3

KOMUNIKAT. SERIA A. No. 173, 1955

Poland

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

WNEKOWSKA, L.

3500: Determination of boron in coal products
ref and notes

HF?

B. Roga, L. Wnekowska, and A. Innatowicz: Chemistry of Coal, Warsaw: Panstwowe
Wydawnictwa Techniczne, 1955, 311 p. Reviewed in Roczniki Chemii, Vol 30, No 3, 1956.

POLAND/Chemical Technology. Chemical Products and Their Application. H-22
Chemical Processing of Solid Fossil Fuels.

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6024.

Author : Wackowska, L.

Inst :

Title : Determination of Boron in Products of Coal (Tar and Pitch).

Orig Pub: Chemia analit., 1956, 1, No 4, 301-310.

Abstract: The determination of boron (I) was carried out by the spectrophotometric method with carmine after a preliminary mineralization of the sample. The most expedient among the tried methods of mineralization of tar and pitch samples by the wet and dry ways was found to be heating of 1 g of a sample in a Kjeldahl flask with 40 ml of concentrated H_2SO_4 , 10 g of K_2SO_4 , 1 drop of mercury and 10 drops of H_3PO_4 (if the content

Card : 1/2

POLAND/Chemical Technology. Chemical Products and Their Application. II-22
Chemical Processing of Solid Fossil Fuels.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6024.

of boron was larger than 5 % , more H_3PO_4 is to be added). After the end of decomposition and cooling, methyl borate is distilled from a quartz apparatus into an alkaline receiver. After that the content of the receiver is evaporated until dry and boron is determined spectrophotometrically. Satisfactory results were obtained at contents of 0 - 10 % of boron. Bibliography with 7 titles. - J. Miodocka.

Card : 2/2

110

WNEKOWSKA, L.

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Treatment of Solid Combustible Minerals. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62170.

Author : Lidia Wnekowska, Jadwiga Lesniak.

Inst : Not given.

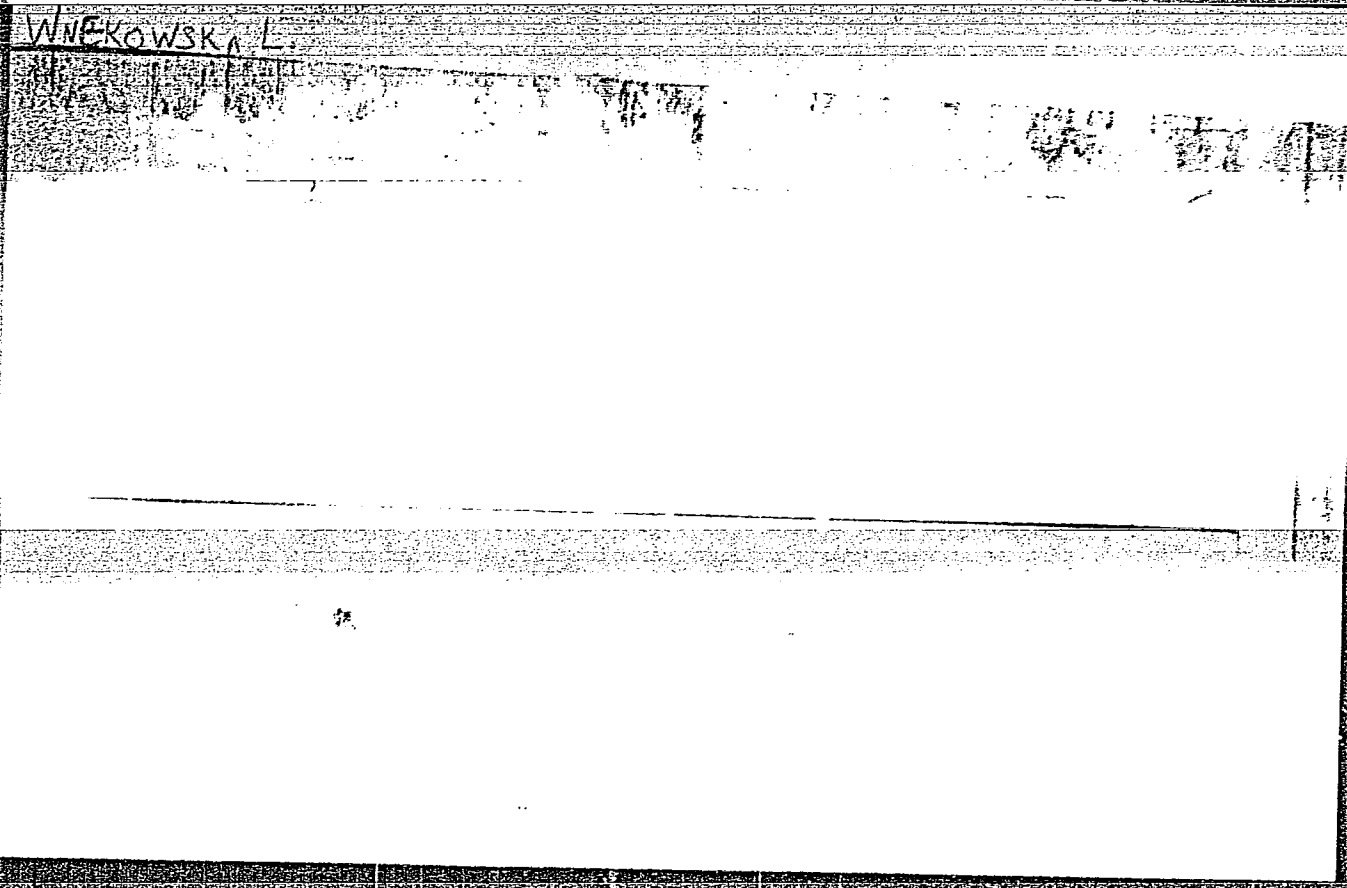
Title : Ash Determination in Resins and Pitches Containing Little Ash.

Orig Pub: Chem. anal., 1957, 2, No 1, 29 - 34.

Abstract: A method of ash determination in resins and pitches, when its content was less than 0.03%, was developed. That method consists in slow combustion of a weighed sample of the substance to be analyzed (about 0.5 g) in a quartz tube in an O₂ flow; the tube is gradually heated to 800° in an electric furnace. The duration of the analysis is about 6 hours.

Card 1/1

70



POLAND/Plant Diseases - Diseases of Cultivated Plants.

0

Abs Jour : Ref Zhur Biol., No 1, 1959, 1979

Author : Wnekowski, Stanislaw

Inst :

Title : Dwarf Blight of Wheat

Orig Pub : Postepy nauk roln., 1957, 4, No 3, 67-74

Abstract : A review is given on literary data about *Tilletia brevifaciens*, which is differentiated from *T. tritici* morphologically and biologically. Chlamydo spores of *T. brevifaciens* are germinated with sufficient light and aeration for their further viability in the soil. Infection of the wheat occurs in the fall and early fall at temperatures of 2-8 degrees. This explains the affliction of fall wheat and the absence of attack on summer wheat. In addition to wheat *T. brevifaciens* can infect *Triticum spelta*, *Secale cereale*, *Avena clatior*, *Agropyrum subsecundum*, and *A. intermedium*. Besides the quarantine

Card 1/2

POLAND/Plant Diseases - Diseases of Cultivated Plants.

0

Abs Jour : Ref Zhur Biol., No 1, 1959, 1979

measures in the eradication of dwarf blight there are recommended: dusting of the seeded areas before the appearance of young growth with 50 - 100 kg/hectare of pentachloronitrobenzol; pre-sowing treatment of seeds with triazon, a later date for the sowing of winter wheats; sowing of wheats after leguminous plants and fertilization by manure not advised; substitution of cultivation of winter wheats by summer wheats, and five-year gaps between cultivation of winter wheat on afflicted area. -- B.I. Vergovskiy

Card 2/2

- 4 -

IWANKIEWICZ, Stanislaw; WNUCZAK, Eugeniusz

Microscope for ear surgery. Otolar.polska 14 no.2:267-269 '60.

1. Z Kliniki Otolaryngologicznej A.M. we Wroclawiu, Kierownik:
prof. dr med. W. Jankowski i z Zakladu Optyki Katedry Fizyki
Politechniki Wroclawskiej, Kierownik: doc.inz. Z.Bodnar.
(MICROSCOPY equip & supply)
(EAR surg)

WNUCZYNSKI, Jan, inz.

Forms of training in the Gdansk Shipyard. Bud okretowe
Warszawa 8 no.7:226-227 J1 '63.

1. Stocznia Gdanska, Gdansk.

HALIKOWSKI, B.; KALINOWSKA, B.; NAWARECKI, B.; SIKORSKI, S.; ~~WNUK, A.~~

Functional disorders of renal carbonic anhydrases in so-called cerebral phase of tuberculous meningitis in children; preliminary communication. *Pediat. polska* 31 no.8:859-865 Aug 56.

1. Z Oddziału Pediatricz., Inst. Gruzlicy, W Sanatorium im. J. Marchlewskiego w Otwocku Kier. prof. dr. med. Fr. Groer, Otwock, ul. Korczaka, 5, Sanatorium im. J. Marchlewskiego.

(TUBERCULOSIS, MENINGEAL, in infant and child,
kidney carbonic anhydrase disord. in (Pol))

(KIDNEYS, metabolism,
carbonic anhydrase, disord. in tuberc. meningitis in
child. (Pol))

(HYDRASES,
carbonic anhydrase, renal disord. in tuberc. meningitis
in child. (Pol))

LESINSKI, Jan; JAJSZCZAK, Stanislaw; WNUK, Jozef

Effect of staphylococcal toxins on the development of fetuses
of experimental animals. Ginek. pol. 34 no.1:65-79 '63.

1. Z Kliniki Położnictwa i Chorob Kobietych Instytutu Matki
i Dziecka w Warszawie Kierownik Kliniki: prof. dr med. J.
Lesinski Dyrektor Instytutu: prof. dr med. B. Gornicki Z
Wytworni Surowic i Szczepionek Dyrektor: dr S. Brzezinski.
(TOXINS AND ANTITOXINS) (STAPHYLOCOCCUS)
(FETUS) (PREGNANCY, ANIMAL)

WNUK, Longin, technik strzelniczy

Some remarks on the economic advantages of the introduction of
rationalized blasting techniques. Wiadom gorn 13 no.11:403-404
N 162.

WNUK, M.

Yield curves for bars of various cross sections under combined torsion and tension. Bul Ac Pol tech. 11 no. 11:619-626 '63.

Effect of torsion on the tension of a prismatic bar with cross section of arbitrary shape in the elastic-plastic range. Ibid.:627-635

1. Department of Physics, Technical University, Krakow.
Presented by W. Olszak.

PTA WNUK, M.

1406

634.984.4 : 674.031.632.15

Perkitny T. Wnuk M. Preliminary Investigations into Suitability of *Alnus glutinosa* (Black Alder), and *Alnus incana* (Grey Alder) Hybrid for Plywood Manufacture.

„Badania orientacyjne nad przydatnością mieszańca olchy czarnej i szarej do wyrobu sklejek”. Sylwan. No. 3—4, 1951, pp. 375—380, 5 figs., 3 tabs.

Description of investigations into veneer yield from 1 cubic metre of wood of various quality grades and concerning strength tests applied to manufactured plywood, i.e. strength in tension parallel with and perpendicular to the grain and under 45° inclination to outer layer grain. Methodology of research and results obtained viz.: probable smaller yield of hybrid in comparison with the *Alnus glutinosa* and a similar respective strength of plywood.

WNUK, M.

"Lignoston, a new Wooden Material", p. 17, (PRZEMYSŁ DRZEWNY, Vol. 5, No. 10, Oct. 1954, Warszawa, Poland)

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

WNUK, M.

14250

674.031.632.22-410

Wnuk M., Sobczak J. Use of Forms in Pressing Machine Lignofol.

„Prasowanie lignofolu maszynowego przy użyciu form”, Przemysł Drzewny, No. 10, 1955, pp. 25-26, 3 figs., 2 tabs.

This paper discusses experiments carried out at the Department of Wood Raw Materials of the Institute of Timber Technology (ITD) with a view to saving time in pressing lignofol blocks 120 mm thick. Beech veneer, 0.53 mm. thick, and a phenol-formaldehyde-resin aqueous solution were used in the experiments. The temperature of pressing-plates and form was 140°C. The diameter-to-thickness ratio of the lignofol used in the experiments varied from 1.9 to 5.25. The pressing of lignofol in forms took considerably less time than pressing without forms.

mate *g*

WNUK, M.; SCECZAK, J.

WNUK, M.; SCECZAK, J. Pressing lignofol for the machinery industry by using forms. p. 289.

Vol. 6, No. 10, Oct. 1955.

PRZEMYSŁ ERZEMNY

TECHNOLOGY

Warszawa, Poland

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

WNUK, MARIAN

POLAND/Chemical Technology. Chemical Products and Their Application. Cellulose and Derivatives. Paper.

H-33

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16508

Author : Wnuk Marian, Kontek Wacław, Graj Lech

Inst : Institute of Wood Technology.

Title : Investigation of the Possibility of Utilizing Extracted Oak Chips for the Production of New Materials.

Orig Pub: Prace Inst. technol. drewna, 1956, 3, No 3, 78-91.

Abstract: The possibility has been ascertained of utilizing the residues obtained after extraction of tannins from oak chips (I) for preparing materials of the type of wood plastics: particles of I sorted by size and containing 70% moisture are dried to a moisture content of 10-12%, mixed with 10% "Alpit" phenol-formaldehyde resin and molded into articles (panels, window sash, staves, etc.) at 140° (pressure 100 kg/cm²,

Card : 1/2

WNUK, M.

Przemysł Drzewny, Nr 4, 1977, Białystok, str. 21-22

12/15

mechanized operations. The

stage of development

WNUK, M.; ZYCZKOWSKI, M.

The influence of a weakened bar on the critical force in an elastic plastic range.
p. 311.

ROZPRAWY INZYNIERSKIE. (Polska Akademia Nauk. Instytut Podstawowych Problemow
Techniki) Warszawa, Poland.
Vol.7, no.3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1959.

Uncl.

WNUK, Marian

Pulmonary resection in pulmonary tuberculosis in adults. Postepy hig.
med. dosw. no.2:36-37 '60.

1. Z Oddzialu Chirurgii Torakalnej Szpitala Miejskiego im. J. Strusia
w Poznaniu Kierownik: doc. dr Jan Moll.

(PNEUMONECTOMY statist)

44004

P/006/62/010/003/006/006
D237/D308

10.7200

AUTHOR:

Wnuk, Miłosz

TITLE:

The limit state of a bar of any profile, subject to combined torsion and tension

PERIODICAL:

Rozprawy inżynierskie, v. 10, no. 3, 1962, 565-579

TEXT:

The problem of combined stress in the purely plastic state resulting from the simultaneous action of a torque M_s and a longitudinal force N is solved in displacements. Sought are the stress distribution, expressions for external forces and equations of the limiting curve in the (M_s, N) plane for any shape of the profile. Assuming the existence of a perfect elastic-plastic incompressible material, the author derives a nonlinear elliptic partial differential equation

$$3\nabla^2\psi + \lambda^2\Omega[\psi] = 0 \quad (2.18)$$

where ψ = nondimensional distortion function, Ω = nonlinear operator, λ = parameter defining the ratio of torsional and longi-

Card 1/2

The limit state

P/006/62/010/003/006/006
D237/D308

tudinal displacements. The expressions for tangential and normal stresses and a parametric equation of the limit curve are given for any profile. (2.18) is solved by Poincaré's method of small parameter. Taking the first approximation one obtains simple relations for the coefficient α characterizing the limit curve for $m_s \ll n$ (m_s, n - dimensionless torque and longitudinal force respectively). Hermitian interpolation extends the range of applicability to $0 \leq m_s \leq 1, 0 \leq n \leq 1$ and results in the final equation

J

$$m_s^2 + \left(3 - \frac{1}{a}\right)n^2 + \left(\frac{1}{a} - 2\right)n^3 = 1 \quad (5.2)$$

valid for any profile. As an example, the equation of the limit curve is given for any polygonal profile, reducing to the known exact solution for the circular bar, when $p = \text{no. of sides} \rightarrow \infty$. There are 2 figures.

ASSOCIATION: Politechnika Krakowska, Katedra Fizyki (Cracow Polytechnic, Department of Physics)

SUBMITTED: January 10, 1962

Card 2/2

WNUK, M.

Limit state of a bar with arbitrary cross section under tension and torsion. Bul Ac Pol tech 10 no.6:[337]-[346] '62.

1. Department of Physics, Technical University, Krakow. Presented by W.Olszak.

WNUK, Milosz, dr inz.

Simultaneous nonelastic twisting with stretching or squeezing rods
of optional cross section. Przegl mech 22 no.10:317 25 My '63.

WNUK, Milosz

Boundary state of a bar simultaneously twisted and stretched
with discrete shape of the cross section. Rozpr inz PAN
10 no.3:565-581 '62.

1. Katedra Fizyki, Politechnika, Krakow.

WNUK, M.

Upper and lower bounds to the plastic interaction curve for the combined tension and torsion. Bul Ac Pol tech 11 no.2: 61-73 '63.

1. Department of Physics, Technical University, Krakow. Presented by W. Olszak.

WNUK, Milosz

Influence of torsion on the tension of a prismatic bar of any profile in the elastic-plastic range. Rozpr. inz. PAN li no.3: 491-507 '63.

1. Katedra Fizyki, Politechnika, Krakow.

WNUK, Milosz

Examples for the computation of load capacity limit curves.
Rozpr inz PAN 11 no. 4: 611-634 '63.

1. Katedra Fizyki, Politechnika, Krakow.

WNUK, Milosz (Krakow)

Dimensioning bars simultaneously subject to torsion and
tesnion based on the theory of the limit load carrying
capacity. Archiw bud masz 10 no. 2: 189-196. '63.

PIECHNIK, Stefan; WNUK, Milosz.

Steady-state creep process of a bar loaded by an axial force and a torque. Archiw mech 15 no. 3:397-409 '63.

1. Technical University, Krakow.

WNUK, M. (Krakow)

An approximation to elliptic integrals of the first and second kind by means of elementary functions and some applications to physical problems. Zastos mat 7 no.2: 205-217 '64.

WNUK, M.

A certain transformation of a boundary condition in a problem solved by the small parameter method. Zastos mat 7 no.3:323-334 '64.

1. Department of Physics, Technical University, Krakow.

WNUK, Milosz (Krakow)

Comparison of elastic and plastic load-carrying capacity in a
case of combined (M_s N) load. Archiw bud masz 11 no. 1:
97-108 '64.

WNUK, Milosz

Connection between the forces of friction and the elastic, plastic, and rheological properties of the material of the base. Postepy fizyki 16 no.2:197-218 '65.

1. Department of Physics of Krakow Technical University.

WNUK, Milosz

Evaluation of the load capacity curve during simultaneous
torsion and tension. Rozpr. inż. PAN 11 no.1:179-200 '63.

1. Katedra Fizyki, Politechnika, Krakow.

RADOMANSKI, Tadeusz; ZEBROWSKA, Iwona; WIUK, Urszula; SZURSKA, Halina;
MICHALSKA, Boguslawa

The influence of adenosinetriphosphoric acid on the carbohydrate metabolism in hypoglycaemic animals. Ann. univ. Lublin sec. D 15: 409-420 '60.

1. Z Katedry i Zakladu Farmakologii Doswiadczonej Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: doc. dr med. i dr farm. Jozef Jeske.

(ADENOSINE PHOSPHATES pharmacol) (HYPOGLYCEMIA exper)

RADOMANSKI, Tadeusz; LANGWINSKI, Romuald; SZURSKA, Halina; ZEBROWSKA, Iwona;
SZURSKA, Grazyna; WNUK, Urszula; LASTOWSKI, Zbigniew

Studies on the properties of glycerol diguaiacol ether. Ann. Univ.,
Lublin sect.D 16:215-228 '61.

1. Z Katedry i Zakladu Farmakologii Doswiadczalnej Wydzialu Lekarskiego
Akademii Medycznej w Lublinie Kierownik: prof. dr med. i dr farm.
Jozef Jeske.

(GUAIACOL GLYCERYL ETHER) (CENTRAL NERVOUS SYSTEM)

WNUKOWSKI, Tadeusz, inż.

More and closer collaboration of the Trade Union of Metal Workers and the Scientific and Technical Associations of the Central Technical Organization. Przegl techn 85 no.7:10 16 F'64.

I. Sekretarz Zarządu Głównego Związku Zawodowego Metalowców,
Warszawa.

POLAND / Chemical Technology, Chemical Products and H
Their Application, Part 3. - Fermentation
Industry.

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62530.

Author : W. Leeg, W. Wnukowski.

Inst : Not given.

Title : Upon The Necessity To Reform The Alcohol-
ometry in People's Republic of Poland.

Orig Pub: Normalizacja, 1957, 25, No 12, 626 - 631.

Abstract: The regulations concerning alcoholometry in
force in various countries are discussed and the
necessity of revising the regulations in force
in Poland is substantiated.

Card 1/1

WNUKOWSKI, W.

Aqueous solutions of mercury and potassium iodides as
standard areometric liquids. Pomiary 9 no.12:645 D '63.

1. Laboratorium Pomiarow Gestosci, Glowny Urzad Miar,
Warszawa.

WEISSKOPF, Victor, prof. dr.; WOBLEWSKI, Andrzej K., dr. [translator]

Role of studies on elementary particles in the development
of contemporary physics. Problemy 19 [i.e.20] no.1:11-17
'64.

1. Dyrektor Naczelny Europejskiego Ośrodka Badan Jadrowych
(CERN), Genewa (for Weisskopf).

JAROSIK, Napoleon; WOCHNA, Zdzislaw

A ureter located behind the vena cava (ureter retrocavalia). Polski
przeegl. dir. 31 no.6:685-692 June 59.

1. Z Kliniki Chirurgii Dzieciecej A. M. w Lodzi Kierownik: prof. dr.
A. Maciejewski i z Kliniki Urologicznej Wojskowej Akademii Medycznej
w Lodzi Kierownik: doc. dr J. Lenko.
(URETERS, abnorm.)

DOLATKOWSKI, Augustyn; LENKO, Jan; MROZ WASILEWSKA, Zofia; WOCHNA,
Zdzislaw.

Studies on the effect of radar microwaves on rabbit testes and
epididymis. Pol. przegl. chir. 35 no.11:Supplement: 1221-1227
N°63.

1. Z Kliniki Urologicznej WAM (kierownik: prof.dr.J.Lenko); z
Katedry Endokrynologii AM w Lodzi (kierownik: prof. dr. T.
Pawlikowski) i z Katedry Medycyny Morskiej WAM (kierownik:
prof.dr. A. Dolatkowski).

CIESLINSKI, Stanislaw; WOCHNA, Zdzislaw

The treatment of induratio penis plastica. Report of 6 cases.
Polski tygod.lek. 15 no.34:1310-1313 22 Ag '60.

1. Z Kliniki Urologicznej W.A.M. w Lodzi doc. dr med. Jan Lenko.
(PENIS dis.)

CIESLINSKI, Stanislaw; LENKO, Jan; WOCHNA, Zdzislaw; ZAJGNER, Jerzy

Hazard of exposure to ionizing radiations during roentgenological examinations in urology. Pol. tyg. lek. 17 no.32:1257-1262 6 Ag '62.

1. Z Kliniki Urologicznej WAM; kierownik: prof. dr med. Jan Lenko i
z Katedry Radiologii WAM w Lodzi; kierownik: dr med. Gabryel Fialkowski.
(RADIATION INJURY) (UROLOGY) (UROGRAPHY)
(PHYSICIANS) (OCCUPATIONAL DISEASES)

MURAWSKI, K.; SZAJBEL, W.; WALD, I.; WOCHNIK, D.

Glutamic-oxalacetic transaminase in cerebrospinal fluid of patients
with cerebrovascular accidents. *Bul Ac Pol biol* 8 n0.10:469-471
'60. (EEAI 10:9)

1. Psychoneurological Institute, Pruszkow. Presented by A. Biernacki.

(Glutamic oxalacetic transaminase) (Brain)

KOZŁOWSKI, Piotr; MATUSZELANSKA, Irena; WOCHNIK, Danuta

Thrombosis of the internal carotid artery. Polski tygod. lek. 15
no.10:246-251 7 Mr '60.

1. Z Instytutu Psychoneurologicznego w Pruszkowie; dyrektor: prof.
dr.med. Z.W. Kuligowski.
(CEREBRAL EMBOLISM AND THROMBOSIS case reports)

MATUSZELANSKA, Irena; WOCHNIK, Danuta

Clinical procedures in cases of brain stroke. Polski tygod.lek. 15
no.25:949-954 20 Je '60.

1. Z Oddzialu Neurologicznego Instytutu Psychoneurologicznego
w Pruszkowie; dyrektor: prof. dr Zygmunt Kuligowski; kierownik
Oddzialu: dr Ewa Jezewska.
(CEREBRAL HEMORRHAGE ther)

MURAWSKI, K.; SZAJBEL, W.; WALD, I.; WOCHNIK, D.

Glutamic-oxalacetic transaminase in the cerebrospinal fluid in vascular diseases of the brain and other diseases of the nervous system. Neurol. etc., polska 11 no.3:327-334 '61.

1. Z Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. Z.W.Kuligowski.

(TRANSEMINASES csf) (CEREBROVASCULAR DISORDERS csf)
(NEUROLOGY csf)

MATUSZELANSKA, Irena; WOCHNIK, Danuta

Prognosis in movement disorders following brain stroke. Neurologia
etc. polska 11 no.5:625-634 '61.

1. Z Oddziału Neurologicznego Instytutu Psychoneurologicznego
Kierownik oddziału: dr E.Jezewska Dyrektor Instytutu: prof. dr
Z. Kuligowski.

(CEREBROVASCULAR DISORDERS compl)
(MOVEMENT DISORDERS etiol)

MATUSZEJANSKA, Irena; WOCHNIK, Danuta

Uveomeningoencephalitis. Neurologia etc. polska 11 no.6:773-779
'61.

1. Z Oddz! Neurologicznego Instytutu Psychoneurologicznego Dyr.
prof. dr Z.W.Kuligowski.
(ENCEPHALITIS) (MENINGITIS) (UVEITIS)

JEZEWSKA, Ewa, dr med.; WOCHNIK, Danuta

On the etiology and pathogenesis of the so-called graphospasm (clinical and electromyographic analysis). Neurol neurochir psych 12 no.2:171-179 Mr-Apr '62.

1. Pracownia EMG Instytutu Psychoneurologicznego, Pruszkow (Dyrektor: prof. dr med. Z.W. Kuligowski), i Ośrodek Szkolenia Neurologicznego SDL, Warszawa (Kierownik: p.o. dr med. E. Jezewska).

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JEZEWSKA, Ewa; WOCHNIK, Danuta

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