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S/276/63/000/002/004/052
A052/A126

AUTHOR: Cyra, Alfons

TITLE: Universal assembled appliances at the heavy lathe plant

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 2, 1963, 17, abstract 2B67 (Fertigungstechn. und Betrieb, v.12, no. 7, 1962, 455-457, German)

TEXT: The people's own plant imeni 8th of May in Karl-Marx-Stadt (GDR) manufacturing heavy lathes, uses extensively in its shops universal assembled appliances. In the city there is a lease center for universal assembled appliances. On the basis of the design drawing and taking into account the technological process adopted at the plant for an element (or a group of elements) the lease center constructs the universal assembled appliance and delivers it to the customer in 2-8 days. For each appliance a card is made out where technical data and order number are entered as well as the information relating to the economy achieved by the plant by using this appliance. The first workpiece is processed at the plant in the presence of the workshop technologist after which it is controlled.

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Universal assembled appliances...

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The technologist is responsible for the execution of the whole series of operations with the use of this appliance. The application of universal assembled appliances with high-speed clamps and changeable plate jigs on vertical drilling machines is effective. The application of universal assembled appliances is effective also on milling machines since besides single-seat universal assembled appliances also multi-seat units with high-speed clamps are used. There are 2 figures and 2 tables.

M. Gatovskiy

(Abstracter's note: Complete translation.)

Card 2/2

CYRAN, A.

A monolithic prestressed water reservoir of a 40,000 m.3 gas tank. p. 253.

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego,
Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu
Metalowego) Gliwice, Poland.
Vol. 6, no. 9, Sept. 1958.

Monthly List of East European Accessions, (EEAI), LC, Vol. 9, no. 2, Feb. 1959.

Uncl.

CYRAN, A.

TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol. 7, no. 8, Aug. 1958

CYRAN, A. Prestressed water cistern of a gas storage tank. p. 10.

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

CYRAN, Andrzej, mgr inż.

New schematic solution for a two-party telephone line. Prace
inst teletechn 8 no.4:3-18 '64.

Logic minimodules for telecommunication purposes. Ibid.:134-138
138

1. Institute for Research and Studies of Telecommunication
Engineering, Warsaw. Submitted August 15, 1964, October 6,
1964.

CYRAN, Andrzej

Design and construction of underground engineering structure
in narrow-space excavations. Problemy proj hut maszyn 12 nr.
10:313-316 0 '64.

1. Biprostal, Krakow.

CYRAN W

2

3.6.178
 Cyrán, W., Zur Untersuchungsmethodik auf Meteorotrope. [On investigation technique
 into meteorotropy.] *Annalen der Meteorologie, Medizin-Meteorologische Hefte*, No. 6:1-8,
 1951, table, 16 refs. MH-III-Hilberts, the usual daily form of n-method has not shown a
 clear, statistical relation between e.g. embolism and weather, and if the phenomenon is too
 frequent, it is inapplicable. Average duration of frontal phenomena is 5.6 hours and author
 advocates n-method with 8 hour periods instead of days. Still better is the "individual"
 method in which frequency during actual duration of the weather phenomenon is compared
 with those before and after. Example proves correlation of beginning of labor pains with
 weather influence. *Subject headings: 1. Bioclimatology 2. n-method. C.F.P.D.*

551.586:519.211.2

1

Handwritten initials

CYRANKIEWICZ, Jozef

We count on the results of young engineers and technicians. Przegl
techn 84 no.25:1,3 23 Je '63.

1. Przes Rady Ministrow, Warszawa.

COUNTRY : Poland E-2
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1959, No. 86231
 AUTHOR : Zagorski, Z.; Cyrankowska, M.
 INST. :
 TITLE : New Applications of Extraction-Polarographic Method. I. Determination of Copper and Lead in Iron-Cadmium Paste
 ORIG. PUB. : Chem. analit., 1958, 3, No 3-4, 495-500

ABSTRACT : On determination of traces of Pb and Cu in Fe-Cd paste used in the manufacture of alkaline storage batteries, the sample (5 g) is dissolved in 30-40 ml HNO₃ (1:1), resultant solution (together with small amount of precipitate) is diluted with water to 50 ml and thoroughly stirred. If content of Pb and Cu in the paste is at least of 0.005%, 5 ml of the settled solution are placed in a separatory funnel into which are added 10 ml ammonium citrate solution (50 g citric acid dissolved in 50 ml water and 50 ml 25% NH₄OH), 10 ml concentrated NH₄OH and 5 ml 0.2% solution of Na-diethyldithiocarbamate (I). If content of Pb and Cu is less than 0.005%, 20 ml of the solution

RD: 1/2

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COUNTRY : Poland E-2
 ABS. JOUR. : RZKhim., No. 1959, No. 86231
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :

ABSTRACT : are taken and there are added to it a 4-fold amount, respectively, of each of the above-stated reagents. Then, extraction is carried out with CCl₄ (by increments of 20 ml), adding each time 5 ml of 0.2% solution of I. The extracts are combined and are shaken with 30 ml 10% solution of ammonium citrate (to remove the partially extracted Fe²⁺). After separation of the aqueous layer the extract is shaken with 30 ml HNO₃ (1:1) (to remove Pb and Cu) and the aqueous layer is separated. This extraction of the organic phase with a solution of HNO₃ is repeated 2 more times. The acid extracts so obtained are combined and evaporated to dryness on a water bath, and dissolved in 10 ml of a solution 2 N in CH₃COOH and 2 N in CH₃COONH₄; N₂ is passed in and polarography is carried out.
 A. Nemouruk.

CARD: 1/2

CYRANKOWSKA, M. (Mrs.)

✓ An EDTA-polarographic method for the determination of tellurium in lead alloys. Z. Zagorski and Mrs. M. Cyrankowska, (Central Lab. Accumulators and Cells, Poznan, Poland). Talanta 2, 367-9 (1959), (in English).—A procedure is described for the polarographic detn. of Te in Pb alloys, without resorting to prior sepn. techniques. Interference by Cu, Cd, Tl, As, and Sb is discussed.
Bella L. Rosenfeld

3
1-ndw

efk

21
4
1-ndw
✓ The determination of tellurium in the presence of anti-
mony in alloy amounts, using EDTA. Z. Zagorski and
Mrs. M. Cyrankowska (Central Lab. Accumulators and
Cells, Poznan, Poland). *Talawa* 2, 380 (1959) (in English).
— A modification of an existing turbidimetric method has
been extended to the detn. of Te in alloys contg. Sb.
Bella L. Rosenfeld

CYRANKOWSKA, Maria

POLAND

CYRANKOWSKA, Maria

Central Laboratory of Batteries and Cells (Centralne
Laboratorium Akumulatorow i Ogniw), Poznan--Staroleka

Warsaw, Chemia analityczna, No 5, 1963, pp 679-84.

"Colorimetric Determination of Alloying Amounts of
Arsenic in Storage Battery Lead".

P/015/62/000/012/002/003
D204/D307

AUTHOR: Cyranowicz, Kazimierz
TITLE: Ceramics possessing high mechanical strength for high voltage insulators
PERIODICAL: Szkło i Ceramika, no. 12, 1962, 374-386

TEXT: A summary of one of the 6 lectures given at a seminar held under the auspices of Instytut Elektrotechniki (Institute of Electrical Technology) at Warszawa-Międzylesie in June 1962. The seminar was attended by representatives of Akademia Górniczo-Hutnicza (Academy of Mining and Metallurgy), Politechnika Warszawa (Warsaw Polytechnic Institute), Politechnika Śląska (Silesia Polytechnic Institute) etc. and was presided over by Prof. Dr. L. Winogradow, Head of Katedra Technologii Porcelany A.G.H. (Department of Porcelain Technology of the A.G.H.). A review is first given of the methods by which the mechanical strength of ceramic insulators may be improved, discussing the problem under (a) improved construction (shape) and (b) improved quality of the ceramic. Section (b) is subdivided into con-
Card 1/2

Ceramics possessing high mechanical ... P/015/62/000/012/002/003
D204/D307

siderations of the mineralogical and granulometric compositions, firing temperature and the amount and nature of the glassy phase. Special attention is paid to the effect of quartz and of alumina on mechanical strength. The work on the improvement of the latter property by enriching the ceramic in Al_2O_3 , carried out at Zakład Wysokich Napięć Instytutu Elektrotechniki (High Voltage Establishment of the Institute of Electrical Technology), is then described [Abstracter's note: It is not clear whether this is the author's own work]. It was found that mechanical strength may be raised by ~ 50% by increasing the total Al_2O_3 content to ~ 45%. To keep the firing temperature low (~ 1250°C), ~ 20% of low-firing plastic clays was added to each composition. The increased Al_2O_3 contents led to a considerable rise of the mullite content in the final mass. A composition is suggested for insulators exposed to high mechanical stress. Further work should be concerned with pre-treating the alumina before it is added to the ceramic mass, studies of the firing mechanisms of such composition, and utilization of porcelain wastes. There are 18 figures and 8 tables.

ASSOCIATION: Instytut Elektrotechniki (Institute of Electrical
Technology)
Card 2/2

CYRANKOWSKA, Maria

Direct polarographic determination of tin in the presence of lead, thallium, arsenic, and antimony; determination of small amounts of tin in lead. Chem anal 5 no.6:851-861 '60. (EEAI 10:9)

1. Analytical Laboratory, Central Laboratory of Accumulators and Cells, Poznan-Staroleka.

(Tin) (Lead) (Polarograph and polarography)
(Thallium) (Arsenic) (Antimony)

CYRANKOWSKA, Maria

Dithizone method of silver determination in metallurgical analysis.
Chem anal 6 no.5:649-658 '61.

1. Central Laboratory of Accumulators and Cells, Poznan, Staroleka.

CYRANKOWSKA, Maria

Analytic importance of the solubility of lead compounds in ammoniac solutions of ammonium salts. Chem anal 8 no.1:117-119 '63.

1. Central Laboratory of Cells and Accumulators, Poznan.

CYRANKOWSKA, Maria

Colorimetric determination of alloying amounts of arsenic in storage battery lead. Chem anal 8 no. 5:679-684, '63

1. Central Laboratory of Cells and Accumulators, Poznan-Staroleka.

POLAND

CYRANKOWSKA, Maria, mgr; DOWNAROWICZ, Janusz, mgr

Dept. of Analysis, Central Battery and Tube Laboratory (Zakład
Analityczny Centralnego Laboratorium Akumulatorów i Ogniw), Pomian-
Staroleka

Warsaw, Chemia analityczna, No 3, May-June 1966, pp 555-561

"Titrimetric determination of silver in lead and its alloys in the
presence of dithionite as an indicator."

CYRANOVA, W.

Killing two-leaved weeds in flax with chemicals. Biuletyn Wlok. Lyk. p.9.

(PRZEMYSŁ WLOKIENNICZY. Vol. 11, No. 5, May 1957. Warszawa, Poland)

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

CYRANOWICZ, K

115

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0

178

✓ Faults and causes in the production of porcelain tableware.
KAZIMIERZ CYRANOWICZ. *Sztuka i Ceram.* 4 (1) 20-22 (1963) --
Describes with the following faults that frequently occur with por-
celain tableware and gives their causes and remedies: pinholing,
cracking, deformation, underfiring, and unglazed parts.

A 101

178

CYRANOWICZ, K.

Ceramic raw materials for the production of electrotechnic porcelain. (To be contd.)
p. 111. zbs. in connection with importers' remarks. p. 111.

SZKLO I CERAMIKA. (Centralne Zarzady Przemyslu Sklarskiego i Ceramicznego oraz
Stowarzyszenie Naukowo-Techniczne Inzynierow I Technikow Przemyslu Chemicznego)
Warszawa, Poland.
Vol. 10, no. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

CYRANOWICZ, K: KRUPA, E.

Some parameters of the process of firing electrotechnic porcelain in round furnaces. p. 267.

SZKLO I CERAMIKA. (Centralne Zarzady Przemyslu Szklarskiego i Ceramicznego oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Chemicznego) Warszawa, Poland, Vol. 10, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. ⁹no. 2, Feb. 19~~60~~.

Uncl.

ACCESSION NR: AP4016457

P/0015/64/000/001/0018/0026

AUTHOR: Cyranowicz, Kazimierz

TITLE: Results of attempts at the synthesis of enstatite

SOURCE: Szkło i ceramika, no. 1, 1964, 16-26

TOPIC TAGS: enstatite, ceramic insulator, steatite, talc, magnesium metasilicate, silicon dioxide, dielectric loss, dielectric dissipation factor, magnesium silicate, mineralizer, magnesium carbonate, magnesite, quartz sand, magnesium oxide, barium oxide, barium carbonate, potassium oxide, sodium oxide, aluminum oxide, calcium oxide

ABSTRACT: The purpose of the work was to attempt a synthesis of enstatite, to investigate the course of this synthesis by using a series of mineralizers added with the aim of lowering the sintering temperature, and to study the relationship between the extent of reaction of the substrates participating in enstatite synthesis and the basic technological parameter of the steatite masses, i.e., the temperature range of sintering. The results obtained confirmed the desirability of using mineralizers, since the temperature of the synthesis can be lowered from 1400 to 1300°C, the degree of combination of MgO in the product being the same.

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ACCESSION NR: AP4016457

The investigated effect of several mineralizers on the synthesis of magnesium silicate makes it possible to select mineralizers for various synthetic steatites. It is desirable to try to synthesize enstatite with a higher content of MgO in order to raise the content of magnesium metasilicate (by tying up one free SiO₂ molecule) in order to raise the mechanical strength of the finished material. Orig. art. has: 22 figures and 6 tables.

ASSOCIATION: Instytut Elektrotechniki (Institute of Electrical Engineering)

SUBMITTED: 00

DATE ACQ: 19Feb64

ENCL: 00

SUB CODE: MA, CH

NO REF SOV: 000

OTHER: 017

Card 2/2

L I205-66 EWP(e)/EPA(s)-2/EWP(i)/EPA(w)-2/EWP(b) WH

ACCESSION NR: AP5021295

PO/0015/65/000/008/0228/0233

AUTHOR: ⁴⁴ Auleytner, Kazimierz; Cyranowicz, Kazmierz ⁴⁴

TITLE: Operating conditions and characteristics of a ceramic material which is resistant to a brief exposure to an electric arc

SOURCE: Szklo i ceramika, no. 8, 1965, 228-233

TOPIC TAGS: ceramic product property, electric arc, spark gap, ceramic product

ABSTRACT: The paper discusses the operating conditions and characteristics of ceramic materials used in the extinguishing chambers of circuit breakers and lightning conductor spark gaps. The methods of extinguishing electric arcs in AC and DC circuit breakers are briefly reviewed. The following topics are discussed: The energy released during the process of extinguishing an arc. The method of extinguishing an arc by its elongation. Voltage and current characteristics of an arc in a lightning conductor spark gap during the process of extinguishing. The requirements of the materials for the wall of narrow-slot type extinguishing chambers (thermal, chemical, and mechanical properties). The porosity of the wall surfaces of extinguishing chambers. Manufacturing tolerances

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I 1205-66

ACCESSION NR: AP5021295

5

of extinguishing chambers. The available ceramic materials are reviewed from the standpoint of their usefulness for the fabrication of arc-resisting chambers. The mechanical and thermal properties of the following ceramic materials are discussed and presented in a table: fire/clay, steatite, cordierite, corundum, and zirconia. It is noted that zirconia meets almost all requirements required from materials for manufacturing arc-resisting walls (high thermal conductivity and chemical resistance). Some other non-ceramic materials are also briefly discussed. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: (Auleytner) Katedra Aparatów Elektrycznych Politechn. ⁴⁴Warszawskiej (Electrical Equipment Department, Warsaw Polytechnic Institute), (Cyranowicz) Zakład Wysokich Napięć Instytutu Elektr., Warsaw (High Voltage Department, Institute of Electricity)

SUBMITTED: 00

44

ENCL: 00

SUB CODE: MT, EE

NO REF SOV: 001

OTHER: 008

Card

mlb
2/2

P/021/60/000/006/001/002
A105/A026

AUTHORS: Lidmanowski, W.; Bogusławski, S.; Cyranowicz, K.; Fekecz, J.

TITLE: Composition and Technology Tests of High-Voltage Porcelain ¹⁵

PERIODICAL: Przegląd Elektrotechniczny, 1960, No. 6, pp. 227 - 231

TEXT: A brief description of tests for improvement of insulating porcelain performed in the Zakład Wysokich Napieć (High-Voltage Section) of the Zakład Materialoznawstwa Instytutu Elektrotechniki (Material Research Division of the Electrotechnical Institute) is given. The purpose was to find a porcelain body with better mechanical properties than required in Polish Standard PN-56/E-06301 and in German Standard DIN 40685 (1957), listed in Table I. The influence of the porcelain-body composition on its properties is discussed and shown in 2 relation triangles (Figs. 1 and 4) introduced by G.J. Gilchrest and T.A. Klinefelter (Ref. 1) and by Wiedmann (Ref. 13), respectively. The influence of the size of quartz granules in the porcelain body on its tensile strength is discussed and shown in 2 macrophotographs (Figs. 2 and 3). Mechanical properties of No. 31, No. 32 and No. 5 porcelain bodies, which are being produced in an unspecified Polish plant are given in Figure 5 and Table II. There are 5 figures,

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F/021/60/000/006/001/002
A105/A026

Composition and Technology Tests of High-Voltage Porcelain

2 tables and 18 references: 1 US, 4 Polish and 13 German.

ASSOCIATION: Institut Elektrotechniki (Electrotechnical Institute)

Card 2/2

CYRANOWICZ, K., inz.; RANACHOWSKI, J., mgr., inz.

Study of the sturcture of electortechical porcelain by micro-
scopic method. Przegl elektrotechn 38 no.2:79-80 '62.

43747

P/053/62/000/06/002/009
I010/I210

26.2358

AUTHORS:

Czarycki, Wencncjusz, Cyrancki, Ryszard,
Kiliszek, Czesław

TITLE:

Construction and properties of a small ion-sorption
pump

PERIODICAL:

Przeład Elektroniki, no.6, 1962, 309-311

TEXT:

A new type of small ion-sorption pump called PTJ-4
has been constructed. Its power consumption was 6-8 W, therefore
no artificial cooling was needed. Weight of the pump about 40
grams. A schematic picture shows the pump having a glass ellip-
soidal enclosure. The small power consumption was achieved by
use of titanium in the form of a pill of a small geometrical ar-

Card 1/2

P/053/62/000/006/002/009
I010/I210

Construction and properties of...

face and therefore the necessary power for titanium heating was decreased to a minimum. Evaporation of titanium was achieved by heating the pill to 1100°C. The pumping speed was measured at pressures 10^{-7} up to 10^{-5} mm Hg and at powers supplied to titanium 3W, 4W, 5W and grid current 3mA. At 10^{-7} Hg pumping speeds are similar for the three wattages, at higher pressures they become significantly different. The lifetime of the pump at 4W is 650 hours and 3W-4600 hours. At an increase of grid current from 1 to 8 mA, pumping speed increases 25%. After careful outgasing, a pressure of 10^{-9} Hg in a container of 5 litres has been achieved after 3-5 hours pumping. There are 4 figures. ✓

ASSOCIATION: Przemysłowy instytut elektroniki (Industrial Institute of Electronics)

Card 2/2

CZARYCKI, W.; CYRANSKI, R.

Design and properties of the PTM-2 getter-ion pump. Przem inst
elektron prace 5 no.2:83-93 '64.

1. Department of Vacuum Physics of the Industrial Institute of
Electronics, Warsaw. Submitted May 23, 1964.

KEMULA, Wiktor, KUBLIK, Zenon; CYRANSKI, Ryszard

Research on solutions of p-dinitrobenzene by means of hanging mercury drop electrode and cyclic voltage sweep chronoamperometry. Roczniki chemii 36 no.9:1349-1360 '62.

1. Department of Inorganic Chemistry, University, Warsaw.

45277

Z/037/62/000/005-6/035/049
E073/E139

26.235 J

AUTHORS: Czarycki, W., Cyrański, W., and Kiliszek, C.

TITLE: Miniature ion-evaporation pump

PERIODICAL: Československý časopis pro fyziku, no.5-6, 1962,
647-649

TEXT: The pump consists of four electrodes sealed into a glass bulb of ellipsoidal shape. In the centre there is a hot tungsten cathode and near it, on a tungsten wire, a titanium tablet is fixed which is evaporated by heating to 1100 °C by electron bombardment. The gas is ionized in a cathode grid ionization system; a thin aluminium layer deposited on the inside of the bulb and joined to a contact sealed into the glass forms the ion collector. The input end of the pump is protected by a plate. A voltage, controlled between the limits of 0 and 3.5 V, is applied to the cathode and the tablet is connected to the grid through a resistance. During normal operation, the tablet has a potential of 500 V, the grid a potential of 200 V and the thin metal layer is at a potential of -10 V with respect to the cathode. The pumping rate was determined by the capillary method in the
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Miniature ion-evaporation pump

Z/037/62/000/005-6/035/049
E073/E139

range 10^{-7} to 10^{-5} mm Hg at a constant speed of evaporation, which was controlled by regulating the power input to the tablet. In order to achieve the highest pumping rate at a given pressure the energy input to the tablet must be kept to a minimum. This minimum value increases with pressure, i.e. if the quantity of gases released by the vacuum system is above 10^{-1} mm Hg.litre/sec, 4W are required; for smaller quantities 3 W will suffice. The service life is 650 to 4600 hours depending on the power input. The measured pumping rates in pumping air, nitrogen, oxygen and hydrogen, using an input of 4 W, correspond to values obtained with other ion-sorption pumps, i.e. about 5 litre/sec at 10^{-7} mm Hg. In the range 10^{-3} to 10^{-7} mm Hg the ion current varies linearly with the pressure under normal operating conditions and, therefore, the pump can be used as a pressure gauge with a sensitivity of 50 mm Hg^{-1} . The pump proved particularly useful for evacuating the thermocouple chamber of an infrared spectrophotometer. There are 4 figures.

ASSOCIATION: Průmyslový ústav elektroniky, Varšava
(Industrial Electronics Institute, Warsaw)

Card 2/2

~~Cyrany, Vasclav~~
BILOVSKA, Jaromira, MUDr; CYRANY, Vasclav, MUDr

Surgical and antibiotic therapy of typhoid peritonitis. Cas.lek.
cesk. 91 no.35:1012-1014 29 Aug 52.

1. Z infekcniho oddeleni prednosta MUDr L. Labohv) a chirurgi-
ckeho oddeleni, (prednosta MUDr Pavel Trnka nemocnice OUNZ v Havl.
Brode.

(TYPHOID FEVER, complications,
peritonitis, antibiotic ther. & surg.)
(PERITONITIS, etiology and pathogenesis,
typhoid fever, antibiotic ther. & surg.)
(ANTIBIOTICS, therapeutic use,
peritonitis caused by typhoid fever)

CYRANY, Vaclav, MUDr

Specialist's requirements from district physician. Prakt.lek.,
Praha 35 no.7:164-165 5 Apr 55.

1. Z chirurg. oddel. OUNZ v Havlickove Brode (prednosta MUDr
P.Trnka).

(PHYSICIANS,

in Czech., district physician, cooperation with special-
ists)

(SPECIALISM,

in Czech., relation to district physician)

CYRANY, Vaclav, MUDr.

Blunt injuries of the stomach in agriculture. Prakt. lek.,
Praha 35 no.13:305-308 5 July 55.

1. Z chirurgickeho oddeleni OUNZ v Havlickove Brode, primar
MUDr. Pavel Trnka.

(STOMACH, wounds and injuries
blunt inj. in agriculture)

(WOUNDS AND INJURIES
stomach, blunt inj. in agriculture)

CYRANY, Václav, MUDr.; LABOHY, Ladislav, MUDr.; REJČEK, Milan, MUDr.

Neurilemmoma ventricul: multiflex. Rozhl. chir. 35 no.3:153-157
Mar 57.

1. z chirurgického odd. (primar Dr P. Trnka, nositel Radu prace) a
z interního odd. (primar Dr I. Labohy) nemocnice Havlickuv Brod.
(STOMACH NEOPLASMS, case report
multiple neurilemmoma of anterior wall (Cz))
(NEURILEMMOMA, case report
multiple of anterior wall of stomach (Cz))

CYRANY, Vaclav
BURES, Oldrich; CYRANY, Vaclav

Protective treatment in alcoholism. Cesk. psychiat. 53 no.5:329-336
Oct 57.

1. Psychiatricka Statni lecebna v Havlickove Brode.
(ALCOHOLISM, prev. & control
(Cs))

CYRULEWSKA, Jadwiga; KANIOWSKI, Tadeusz

Cases of air cysts of the larynx (laryngocele). Polski tygod. lek.
16 no.50:1942-1946 11 D '61.

1. Z Kliniki Chorob Uszu, Nosa i Gardla A.M. we Wroclawiu; kierownik:
prof. dr med. Wiktor Jankowski i z Kliniki Radiologicznej A.M. we
Wroclawiu; kierownik: doc. dr med. Zbigniew Kubrakiewicz.
(LARYNX dis)

KOSSOWSKI, Stanislaw; AGOPSOWICZ, Grzegorz; CYRULEWSKA, Jadwiga

Use of a polyester fabric in Eyries' operation. Otolaryng. Pol.
18 no.2:309-311 '64.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej we Wroclawiu
(Kierownik: prof. dr. W. Jankowski).

KOSSOWSKI, Stanislaw; AGOPSOWICZ, Grzegorz; CYRULEWSKA, Jadwiga

Use of Polyester fabrics in Eyries' operation. Otolaryng. Pol.
18 no.3:433-434 '64

1. Z Kliniki Otolaryngologicznej Akademii Medycznej we Wroclawiu. (Kierownik: prof. dr. W. Jankowski).

S/196/62/000/014/046/046
E194/E155

AUTHOR: Cyrus, Karel

TITLE: Collector electrodes of electrostatic filters
particularly in the form of bundles

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika,
no.14, 22, abstract 14 K 128 P. (Czechoslovak Patent
kl. 12 e, no.98540, 15.2.61)

TEXT: Rigid fixing of collector electrodes causes bending,
giving rise to discharges and short circuits. Such electrodes are
difficult to rap. Collector electrodes are proposed which are
collected into vertical bundles suspended from an upper frame and
maintained in the vertical position by a lower frame connected to
their ends. The bundles may be straight or otherwise, and may also
consist of individual elements fixed like chains. Collector
electrodes of honeycomb shape may be built up of combinations of
such bundles. Sketches are given of several variants of electrodes. ✓

[Abstractor's note: Complete translation.]

Card 1/1

MIETKIEWSKI, E.; CYRUS, Z.

Effect of physical hypothermia and of pharmacological hibernation on the course of traumatic shock in rats. Acta physiol.polon. 11 no.5/6:831-833 '60.

1. Z Zakładu Fizjologii Pomorskiej A.M. w Szczecinie. Kierownik: prof.dr E.Mietkiewski.

(SHOCK exper)

(BODY TEMPERATURE)

(HIBERNATION ARTIFICIAL)

MACHON, Jozef, inż; GEBICKI, Zbigniew, mgr., inż.; CYRYLowski, Jerzy, inż.;
MATYSZCZAK, Stanislaw; KALUZNY, Jan; SKALSKI, Jan; PROBA, Leon;
SYRUNOWICZ, Wieslaw, inż.; LUBRYCHT, Czeslaw, mech.

Works distinguished and rewarded in the 5th General Polish Competition
in the field of saving electric power. Energetyka przem 10 no.4:146-
148 Ap '62.

1. Zaklady Azotowe im. P. Findera, Chorzow (for Machon).
2. Przemysl Weglowy, Gliwice (for Gebicki).
3. Fabryka Sprzetu Elektrotechnicznego, Szczecin (for Cyrylowski and Matyszczak).

CYTAWA, J.

Relationship between the first and the second signal systems investigated by means of Ivanov-Smolenskii's method and verbal experiments. Acta physiol. polon. 8 no.3:303-304 1957.

1. Z Zakładu Fizjologii Człowieka A. M. w Lublinie. Kierownik: prof. dr W. Holobut.

(CEREBRAL CORTEX, physiology,

first & second systems, Ivanov-Smolenskii's method & verbal experiment in investigation of interrelationships (Pol))

CYTAWA, Jerzy

Determination of the type of the nervous system of an individual
by means of a questionnaire. Ann.Univ.Lublin; sec.D 14:137-156 '59.

1. Z Katedry Fizjologii Czlowieka Wydzialu Lekarskiego Akademii
Medycznej w Lublinie Kierownik: prof. dr med. Wieslaw Holobut.
(PSYCHOLOGICAL TESTS)

CYTAWA, J.; JAKUBOWICZ, J.

Ergographic studies on the fatigue phenomenon and type of the nervous system. Acta physiol.polon. 11 no.5/6:679-680 '60.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lublinie Kierownik: prof.dr W.Holobut.

(NERVOUS SYSTEM physiol)

CYTAWA, J.; JAKUBOWICZ, J.

Characteristics of motor food conditioned reflexes in various stages of irritability of the food center. Acta physiol. polon. 11 no. 5/6: 680-681 '60.

1. Z Zakładu Fizjologii Człowieka A.M. w Lublinie. Kierownik: prof. dr W. Holobut.

(REFLEX CONDITIONED)

CYTAWA, J.; MODRZEJEWSKI, E.

Tensiographic studies of blood pressure and type of the nervous system. Acta physiol. polon. 11 no. 5/6: 681-682 '60.

1. Z Zakładu Fizjologii Człowieka A.M. w Lublinie, Kierownik: prof. dr W. Holobut.

(BLOOD PRESSURE)

(NERVOUS SYSTEM physiol)

CITAWA, J.; STAZKA, W.

Chronaximetric studies on the irritability of the peripheral motor neuron during the formation and extinction of conditioned reflexes. Acta physiol.polen. 11 no.5/6:682-683 '60.

1. Z Zakładu Fizjologii Człowieka A.M. w Lublinie. Kierownik: prof.dr W. Holobut.

(REFLEX CONDITIONED)

CYTAWA, Jerzy; STAZKA, Wladyslaw

Chronaximetric studies on the excitability of the peripheral motor neuron during conversion and extinction of conditioned reflexes. Acta physiol pol 12 no.1:91-93 '61.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lutlinie Kierownik: prof. dr W. Holobut.

(REFLEX CONDITIONED)

(PERIPHERAL NERVES physiol)

CYTAWA, Jerzy; JAKUBOWICZ, Jerzy

Ergographic studies in fatigue and types of the nervous system.
Acta physiol pol 12 no.2:185-194 '61.

1. Z Zakladu Fizjologii Czlowieka A.M. Lublinie Kierownik: prof.
dr.W.Holobut.

(FATIGUE physiol)

(CENTRAL NERVOUS SYSTEM physiol)

CYTAWA, Jerzy; JAKUBOWICZ, Jerzy

Characteristics of conditioned motor food reflexes in conditions of different states of irritability of the food center. Acta physiol pol 12 no.3:389-402 '61.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lublinie Kierownik: prof. dr W. Holobut.

(REFLEX CONDITIONED)

CYTAWA, Jerzy; MODRZEJEWSKI, Eligiusz

Tensiographic studies on blood pressure and types of the nervous system. Acta physiol pol 12 no.3:403-411 '61.

1. Z Zakladu Fizjologii Czlowieka A.M. w Lublinie Kierownik: prof. dr W. Holobut.

(BLOOD PRESSURE) (CENTRAL NERVOUS SYSTEM physiol)

CYTAWA, Jerzy

Analysis of excitatory and inhibitory processes of the second system of signals against the background of conditioned reflex activity of the first signal system. Ann. Univ., Lublin sect.D 16:135-161 '61.

1. Z Katedry i Zakładu Fizjologii Człowieka Wydziału Lekarskiego Akademii Medycznej w Lublinie Kierownik: prof. dr. med. Wiesław Holobut.
(REFLEX CONDITIONED) (CEREBRAL CORTEX)

CYTAWA, Jerzy; STAZKA, Wladyslaw

The problem of symmetric functioning of cerebral hemispheres
in the light of chronaxymetric studies. Acta physiol. pol.
14 no.3:261-271 '63.

1. Z Zakladu Fizjologii Czlowieka AM w Lublinie Kierownik:
prof. dr W. Holobut.
(LATERALITY) (BRAIN) (REFLEX, CONDITIONED)

CYTAWA, Jerzy

Studies on the phenomenon of fatigue of conditioned reflexes.
I. The course of fatigue of food motor conditioned reflexes.
Acta physiol. Pol. 15 no.5:651-661 S-0 '66

1. Z Zakładu Fizjologii Człowieka Akademii Medycznej w
Lublinie (Kierownik: prof. dr. W. Holobut).

S/035/62/000/001/030/038
A001/A101

AUTHOR: Cytowski, H.

TITLE: Application of "astralon" and technique of drawing

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 1, 1962, 25, abstract 1G176 ("Przegl. geod.", 1961, v.33, no.7, 263-265, Polish)

TEXT: The author points out that application of astralon became practically feasible only as a result of developing the methods of drawing on this material and of the method of fixing figures drawn on astralon by coating the latter with a varnish using a light sprayer. He describes in detail the methods of working on astralon, equipment and materials used for this, and recommends the technique of work.

D. K. ✓

[Abstracter's note: Complete translation]

Card 1/1

CYTOWSKI, Henryk

Xerox copying and its prospects. Przegl geod 34 no.7:309-310
J1 '62.

CYTOWSKI, Henryk

Technology of preparing and printing a geographical atlas.
Przełł geod 35 no.7:296-301 JI'63.

KARP, Jan; CYUNCZYK, Aleksander

Determination of the orientation of Bi and Sb monocrystals
by the Grentinger-Laue method. Archiw hutn 8 no. 4: 347-355
'63.

RUTKOWSKI, Wladyslaw, doc.dr inz.; CYUNCZYK, Aleksander, mgr inz.

Dispersion hardened sintered materials. Hutnik P 31 no.1/2:
16-21 Ja-P'64

1. School of Mining and Metallurgy, Krakow.

CYUNCZYK, Wiktor, mgr

Main development trends and prospects in the economy of
Bialystok Voivodeship. Przegl techn 85 no.20:4,7 17 My '64.

1. Zastepca przewodniczacego Wojewodzkiej Komisji Planowania
Gospodarczego, Bialystok.

QYUNEL, Bogdan; LOSSOW-ZIELINSKA, Barbara; BIERNACKI, Janusz
(Krakow)

Technical and economic problems of constructing buildings
using the method of elevating ceilings and floors. Przegl
budowl i bud mieszk 35 no. 6: 269-273 Je '63.

SZCZESNIAK, Jan., CYWICKI, Jan, WIEZHBICKA, Stefania

Brain abscess complicating whooping cough. Pediat.polska 33 no.5:
587-590 May 58

1. Z Miejskiego Szpitala Chorob Dzieciacych im. Korczka we Wroclawiu
Ordynator oddzialu: dr med. J. Szczesniak Z Prosektorium przy Miejsk.
Szpit. Zakaznym im. Gronkowskiego we Wroclawiu Kierownik: dr J. Cywicki.
Adres: Wroclaw, ul. Norwida 22 no.7.

(WHOOPING COUGH, compl.
brain abscess (Pol))
(BRAIN, abscess
caused by whooping cough in child (Pol))

KANIAK, Jozef; CYWICKI, Jan; SMOLENSKA, Wieslawa

Attempted evaluation of therapeutic results in tetanus according to data of infectious hospitals of Lower Silesia. Przegl.epidem. 14 no.2:177-181 '60.

1. Z Kliniki Chorob Zakaznych A.M. we Wroclawiu Kierownik: prof. dr J.Kaniak, Z Miejskiego Szpitala Zakaznego we Wroclawiu Dyrektor: dr med. M.Lichota.
(TETANUS ther)

CYWICKI, Jan; LUSZCZYNSKI, Tadeusz; ZIEMIANSKA-CYWICKA, Wanda

Role of the determination of the serum aldolase level in differentiating jaundice. Prezgl. epidem. 16 no.2:139-142 '62.

1. Z Miejskiego Szpitala Chorob Zakaznych im. J. Gromkowskiego we
Wroclawiu Ordynator Oddzialu: lek. med. J. Cywicki.
(JAUNDICE blood) (ALDOLASE blood)

POLAND

CYWICKI, Jan and HUCZEK, Zofia, Municipal Hospital of Infectious Diseases (Miejski Szpital Chorob Zakaznych) im. J. Gromkowskiego (Ordynator: Lek med Jan CYWICKI) and the Wojewodztwo Sanitary and Epidemiological Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna) (Director: Dr. S. PRZY-LECKI), both in Wroclaw

"Salmonellosis Anatum in Lower Silesia."

Warsaw, Przeglad Epidemiologiczny, Vol 16, No 3, 62, pp 287-291.

Abstract: [Authors' English summary modified] The authors describe two cases of infection with S. anatum. They anticipate more such cases in view of the determined higher prevalence of carriers of this microorganism in Poland. Of the 12 references, two are English, two German, and the rest Polish.

KOZUSZEK, Waldemar; RECK, Julitta; CYWICKI, Jan

Giant liver abscess in amebiasis. Wlad. lek. 18 no.8:703-706
15 Ap '65.

1. Z Oddzialu Chirurgicznego Szpitala Miejskiego im. R.J.
Czerwiakowskiego (Ordynator: dr. E. Mierczynski) z Prosek-
torium Miejskiego Szpitala Zakaznego im. J. Gronkowskiego
we Wroclawiu (Kierownik: lek. med. I. Cywicki).

CYWINSKA, Danuta; OCHARSKA, Janina; WIECZORKIEWICZ, Bronislaw

Treatment of scalds in children with discussion on treatment
by the open method. Polski tygod. lek. 12 no.10:348-351
4 Mar 57.

1. (Z Oddzialu Chirurgii Dzieciecej Szpitala Miejskiego w
Gliwicach; ordynator: dr. med. Zbigniew Tabenski). Adres:
Gliwice, ul. Kosciuszki 29, Szpital Miejski, Oddz. Chir.
Dziec.

(BURNS, in inf. & child
scalds, ther., open method (Pol))

CYWINSKA, Danuta; WIECZORKIEWICZ, Bronislaw

Diagnostic difficulties in acute appendicitis in infants. *Pediat. polska* 34 no.9:1173-1178 Sept 59.

1. Z Oddziału Chirurgii Dziecięcej Szpitala Miejskiego w Gliwicach
Ordynator Oddziału: dr med. Zb. Tabenski.
(APPENDICITIS, diag.)

CYWINSKA-LYSKAWINSKA, M.

Dr. Med. Halina Szlaskiewicz-Kurzyna. Pediat. polska 32 no.4: 464
Apr 57.

(OBITUARIES

Szlaskiewicz-Kurzyna, Halina (Polish)

703. ~~Cyprus, 2, and Missouri, 1~~ The ~~Indians~~

GYWINSKI, Bohdan

Books for the railroad workers. Przegł techn no.41:8 12 0 '60.

BRZOWSKI, Wojciech, doc. dr inz.; CYWINSKI, Jerzy, mgr inz.

Plasma spray guns for coating. Przegl męch 22 no. 12:381-383 25 Je '63.

1. Zastępca Kierownika Zakładu Fizyki i Techniki Plazmy, Instytut Badan Jadrowych, Swierk (for Brzozowski). 2. Starszy inzynier Zakładu Fizyki i Techniki Plazmy, Instytut Badan Jadrowych, Swierk (for Cywinski).

S/194/62/000/012/056/101
D295/D308

AUTHORS: Przanowski, Ryszard and Cywiński, Józef

TITLE: Electronic equipment for electrotherapy by low-frequency currents

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 6, abstract 12-5-12 b (Polish pat., cl. 21g, 24/02, no. 45188, Jan. 16, 1962)

TEXT: The object of the patent is an apparatus for electrotherapy with MF, DF, CP, RS, LP and MM type diadynamic currents, which can be superimposed on a galvanic current. The voltage values of the diadynamic and galvanic currents are monitored by two measuring instruments. The selection of current type is accomplished by a key switch. The form of the output voltage is observed on a CRT screen; the sweep voltage across the horizontal deflecting plates of the CRT is provided by a phantastron generator, while the vertical-deflection plates are connected to the output of the pulse-shaping stages. The shaping of LP and MM type pulses having a pe-

Card 1/2

Electronic equipment for ...

S/194/62/000/012/056/101
D295/D308

riod of several seconds is accomplished by a potentiometer with an angle of rotation of 360° , driven by a synchronous motor with a reduction gear. The shaping of MF, DF, RS, CP and LP type pulses with ~ 10 msec period is accomplished by a reference-diodes stage, whilst pulses of 1 sec duration and 2 sec repetition frequency are provided by a multivibrator. Before proceeding with treatment, an instrument accomplishes the automatic measurement of the electric resistance of the patient's body. A three-position switch ensures the instantaneous reversion of the polarization current. The current sources in the circuit are two pentodes, the anode load of which is the patient's body. One of the pentodes is the galvanic-current source and the other the low-frequency current source.

[Abstracter's note: Complete translation.]

Card 2/2

S/081/62/000/024/055/073
B166/B186,

AUTHORS: Przanowski, Ryszard, Cywiński, Józef

TITLE: Electronic pH meter

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 509-510,
abstract 24I289 (Polish Patent 44526, June 24, 1961)

TEXT: The patent relates to a device with a measuring battery cell and a compensating bridge connected to the input of a two-stage asymmetric amplifier with galvanic coupling between the stages. The operating point of the amplifier's input electron tube is so chosen that the grid current passing through the liquid under examination does not rise above a given value

(e.g. 10^{-12} a) at the moment of compensation. One arm of the bridge is formed by the anode resistance of the final tube, the other by an additional branch of the anode battery. The microammeter in the amplifier's measuring circuit is provided with a center-zero scale. Temperature compensation allows of using the device in the 0 - 40°C range. Proper selection and assembly of the units gives an accuracy of 0.005 pH in the pH 1 - 9 range and 0.2 mv \pm 0.05 % with a 10^{12} ohm amplifier input.

Card 1/2

Electronic pH meter

S/081/62/000/024/055/073
B166/B186

impedance. The device is designed for electrodes having zero potential at pH 1.8. The required power is negligible: a set of supply batteries is sufficient for 6 months. The high input impedance enables high-resistance measuring batteries to be used. [Abstracter's note: Complete translation.]



Card 2/2

CYWINSKI, S.

Experiences gained in spinning large aluminum bottoms in a face lathe. p. 75.
(MECHANIK, Poland, Vol. 30, no. 2, Feb. 1957)

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

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

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62660.

Author : Karól Adamik, Tadeusz Cywinski.
Inst : Not given.
Title : Milk Industry in Hungary.

Orig Pub: Przegl. mleczarski, 1958, 6, No 2, 20 - 22,
3 str. obl.

Abstract: No abstract.

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CYWINSKI, T.

POLAND/Chemical Technology - Chemical Products and Their
Application. Food Industry

I-28

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 13950

Author : Cywinski T.

Title : Remarks Concerning Determination of the Stability of
Butter

Orig Pub : Przem. spozywczy, 1955, 9, No 5, 212

Abstract : The official method adopted in Poland for evaluation of
the stability of butter prior to storage is based upon
the following factors: determination of acidity of
plasma and a numerical scoring system of assessing the
taste and odor. These criteria are not sufficiently
reliable and the author proposes to determine the dura-
tion of the induction period according to Zaykovskiy, or
distribution of water in the butter according to King.

Card 1/1

- 408 -

COUNTRY : POLAND H
CATEGORY : Chemical Technology. Chemical Products and
Their Uses. Part 3. Food Industry
ABS. JOUR. : RZKhim., No. 1 1960, No. 2843
AUTHOR : Glodz, M.; Cywinski, T.
INST. : -
TITLE : Evaluation and Control of Butter Quality

ORIG. PUB. : Przegl. mlecarski, 1957, 5, No 11, 13-15

ABSTRACT : An account of the system of evaluation of
butter quality in Sweden and Finland is
given. It is noted that in Sweden organoleptic
butter evaluation is effected by a group of
3-5 experts according to a 14-point system,
with division of butter qualities into 3 clas-
ses depending on the number of points obtained
for taste and flavor, consistency and struc-
ture, and other indicators (distribution of

CARD: 1/2

CYWINSKI, T.

POLAND/Chemical Technology - Chemical Products and Their
Application. Food Industry.

I-13

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 29-8

Author : Glodz, M., Cywinski, T.

Inst : -

Title : The Finish Dairy Industry

Orig Pub : Przegl. mlezarski, 1957, 5, No 7, 2-5

Abstract : No abstract.

Card 1/1

CYWINSKI, Z.; HORSKI-HORONCZYK, St.; PRUSINSKI, A.

Two cases of opalaki syndrome (a partial posterior vertebrospinal artery syndrome) Neurologia etc. polska 4 no.5:511-514 Sept-Oct 54.

1. Z Kliniki chorob nerwowych A.M. w Lodzi - kierownik prof. dr. E.Herman

(SPINE, blood supply
posterior vertebrospinal artery synd.)

CYWINSKI, Zbigniew

Torsion theory of thin-walled bars with variable rigidity.
Archiw inż ląd 10 no.2:161-183 '64.

1. Institute of Structural Mechanics, Technical University,
Gdansk.

CYWINSKI, Zdzislaw; DOMZAL, Teofan

Changes in the nervous system during the course of cancer. Polski tygod.lek.15 no.6:220-223 8 P '60.

1. Z Kliniki Chorob Nerwowych Wojskowej A.M. w Lodzi.
(LUNG NEOPLASMS compl.
(POLYNEURITIS etiol.)

SZILAGYI, T.; CZABA, B.; MILTENYI, L.; KASSAI, L.

Hypothermia and horse serum anaphylaxis. Acta microbiol. acad.
sci. Hung. 11 no.4:399-402 '64-'65

1. Institute of Pathophysiology (Director: L. Kesztyus), Uni-
versity Medical School, Debrecen.

CZABA, Gyorgy; RAPPAY, Gyorgy

Effect of the central nervous system on the reticulo-endothelial system of the liver. Zhur.ob.biol. 16 no.3:178-190 My-Je '55.

(MLRA 8:9)

1. Institut gistologii i embriologii Budapeshtskogo meditsinskogo universiteta.

(LIVER, physiology,
regulation of RE system of liver)

(RETICULO-ENDOTHELIAL SYSTEM, physiology,
regulation by CNS of hepatic RE system)

(NERVOUS SYTEM, physiology,
regulation of liver RE system)

LAJOS, Laszle;dr.; GORCS, Jano, dr.; SZEKELY, Jozsef, dr., CZABA, Imre, dr.
DOMANY, Sandor, dr.

Immunological and endocrinological conditions for succesaful
trophoblast homotransplantation. Orv. hetil. 105 no.30:1398-
1403 26 JI'64

1. Peci Orvostudomanyi Egyetem, Szuleszeti es Nogyogyaszati
Klinika.

KOMAN, Andras; CZARAFY, Laszlo; Technikai segedletevel TOZSER, Olga

Experience with an automatic cell counter. Kiserl. orvostud. 13 no.6:
667-670 D '61.

1. Matrahazai Allami Tudobeteggyogyintezet Laboratoriuma.

(HISTOLOGICAL TECHNIQUES)

CZABAJSKA, W.

Impressions from a trip to the German Democratic Republic. Inst
przem ziel Biul 8 no.1/2:74-77 Mr-Je '62.

CZABAJSKI, T.; GOLCZ, L.

Result of cultivation of castor bean during 1951-53. Acta Poloniae
pharm. 11 Suppl.:91-94 1955.

1. Panstwowy Instytut Naukowy Leczniczych Surowcow Roslinnych,
Poznan.

(CASTOR BRANS,
prod. in Poland)

POLAND/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82446

Author : Czabajski Tadeusz

Inst : State Institute of Scientific Medicinal Plant Materials

Title : Agrobiological Studies of Castor Plant.

Orig Pub : Biul. Panstw. inst. nauk. leczn. surow. rosl. Poznanu,
1956, 2, No 2, 61-75

Abstract : It was determined in experiments on castor plant carried out in vicinity of Poznan' that the best time for planting is the period 20 of April - 10 of May. The greatest yield is obtained with heavier planting although this leads to a decrease in the essential quality of the grain. Application of fertilizers produces positive results only in years favorable in climatic respect. In unfavorable years the effect of fertilizers decreases and

Card 1/2

POLAND/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82446

light and temperature conditions come to the forefront. Nitrogen fertilizers produce a great influence on the quantity and quality of the yield. A good effect on castor plant yield is produced by organic fertilizers. This effect is especially considerable in unfavorable years. Potassium produced a mild effect. Fertilizing with squeezings noticeably lowered the quantity and quality of the crop. No correlative relation between the amount of any kind of fertilizer, the percentage of oil content in the seeds and the degree of its acidity was discovered. -- V.F. Nepomiluyev

Card 2/2

- 93 -

CZABAJSKI, Tadeusz; GOLCZ, Leszek, dr inż.

Influence of mineral fertilizing upon the yield of morphine in
Papaver somniferum L. Inst przem ziel Biul 8 no.3:134-140 S '62.

1. Zakład Agrotechniki Roslin Leczniczych, Instytut Przemysłu
Zielarskiego, Poznań. Kierownik: dr. inż. L.Golcz.

CZABAJSKI, Tadeusz; HOFFMANN, Marian, doc. dr; ZALECKI, Ryszard

Influence of nitrogenous and phosphate fertilizers on the quantity and quality of the leaf crop of *Digitalis purpurea* L. in varying soil moisture. Inst przem ziel Biul 9 no.1/2:52-59 Mr-Je '63.

1. Katedra Uprawy i Nawożenia Roli, Wyższa Szkoła Rolnicza, Poznań. Kierownik: doc. dr M. Hoffmann; and Zakład Agrotechniki Roslin Leczniczych, Instytut Przemysłu Zielarskiego, Poznań. Kierownik: dr inż. L. Golcz.

CZABAK, Orest

Effect of loz pressures of short duration on fetal development (preliminary communication). Gin.polska 30 no.4:421-423 J1-Ag '59.

1. Z II Kliniki Chorob Kobięcych i Poloznictwa A.M. w Warszawie.
Kierownik: prof.dr.med. I. Roszkowski.
(ANOXIA eff.)
(FETUS physiol.)