

LOSKUTOV, Fedor Mikhaylovich[deceased]; Primali uchastiye:  
ANDREYEV, V.M., kand. tekhn. nauk; ORLOVTSEV, Yu.V.,  
kand. tekhn. nauk; SMIRNOV, M.F., kand. tekhn. nauk;  
NELEN', I.M., kand. tekhn. nauk; LAKERNIK, M.M., doktor  
tekhn. nauk; GORDON, G.M., kand. tekhn. nauk

[Metallurgy of lead] Metallurgii svintsa. Moskva,  
Metallurgii, 1965. 528 p. (MIRA 19:1)

ORLOW, G.A.; DYMOWSKA, Z.

Comparison of the value of toxoplasmosis antigens used in complement fixation reaction. Wiadomosci parazyt., Warsz. 4 no.5-6:413; Engl. transl. 414 1958.

1. Z Instytutu Poloznictwa i Ginekologii w Moskwie i Zakladu Parazytologii PZH w Warszawie.

(TOXOPLASMOSES, immunology,

complement fixation, comparison of antigens (Pol))

(COMPLEMENT,

fixation in toxoplasmosis, comparison of antigens (Pol))

A  
ORLOW, Georgi; DYMOWSKA, Zofia

Comparative evaluation of toxoplasma antigens in complement fixation reaction. Med. dosw. mikrob. 10 no.3:339-348 1958.

1. Instytutu Polaznictwa i Ginekologii Moskwa Zakl. Parazyt. Lek.  
P.Z.H. Warszawa.

(TOXOPLASMS,  
antigens in complement fixation (Pol))  
(COMPLEMENT,  
fixation with Toxoplasms antigens (Pol))

ORLOW, Mikolaj

ORLOW, Mikolaj (Address: Poznan, ul. Bystrzycka 6)

Retroperitoneal lipomas. Polski przegl. chir. 26 no.1:41-43  
Ja '54.

1. Z II. Kliniki Chirurgicznej Akademii Medycznej w Poznaniu.  
Kierownik: prof. dr Roman Drewno. (Praca wpłynęła do redakcji  
dnia 3.XI.1952)

(ABDOMEN, neoplasms,  
\*lipoma, retroperitoneal)

(LIPOMA,  
\*retroperitoneal)

ORLOW, M., Dr.

Expansion of the number of hospital beds in Poznan during 10 years of independence. Zdrowie pub., Warsz. no.4:307-312 July-Aug. '55.

(HOSPITALS,  
develop. in Poland)

ORLOW, Mikolaj

Chondromas of the thorax. Chir. narz. ruchu 20 no.3:271-276 '55.

1. Z II Kliniki Chirurgicznej A M w Poznaniu. Kierownik: prof. dr  
R. Drews, Poznan, ul. Przybyszewskiego 49.

(CHONDROMA,  
thorax)

(THORAX, neoplasms,  
chondroma)

ORLOW, Mikolaj; MAJEWSKI, Czeslaw

Nucleic acids in rectal adenocarcinoma. Pat. Pol. 12 no.5:289-291  
'61.

1. Z Oddzialu Chirurgicznego Wojewodzkiego Szpitala M.S.W. w Poznaniu  
Ordynator: Dr med. Mikolaj Orlow Z Zakladu Anatomii Patologicznej  
Szpitala Miejskiego im. J. Strusia w Poznaniu Kierownik: Dr med.  
Czeslaw Majewski.

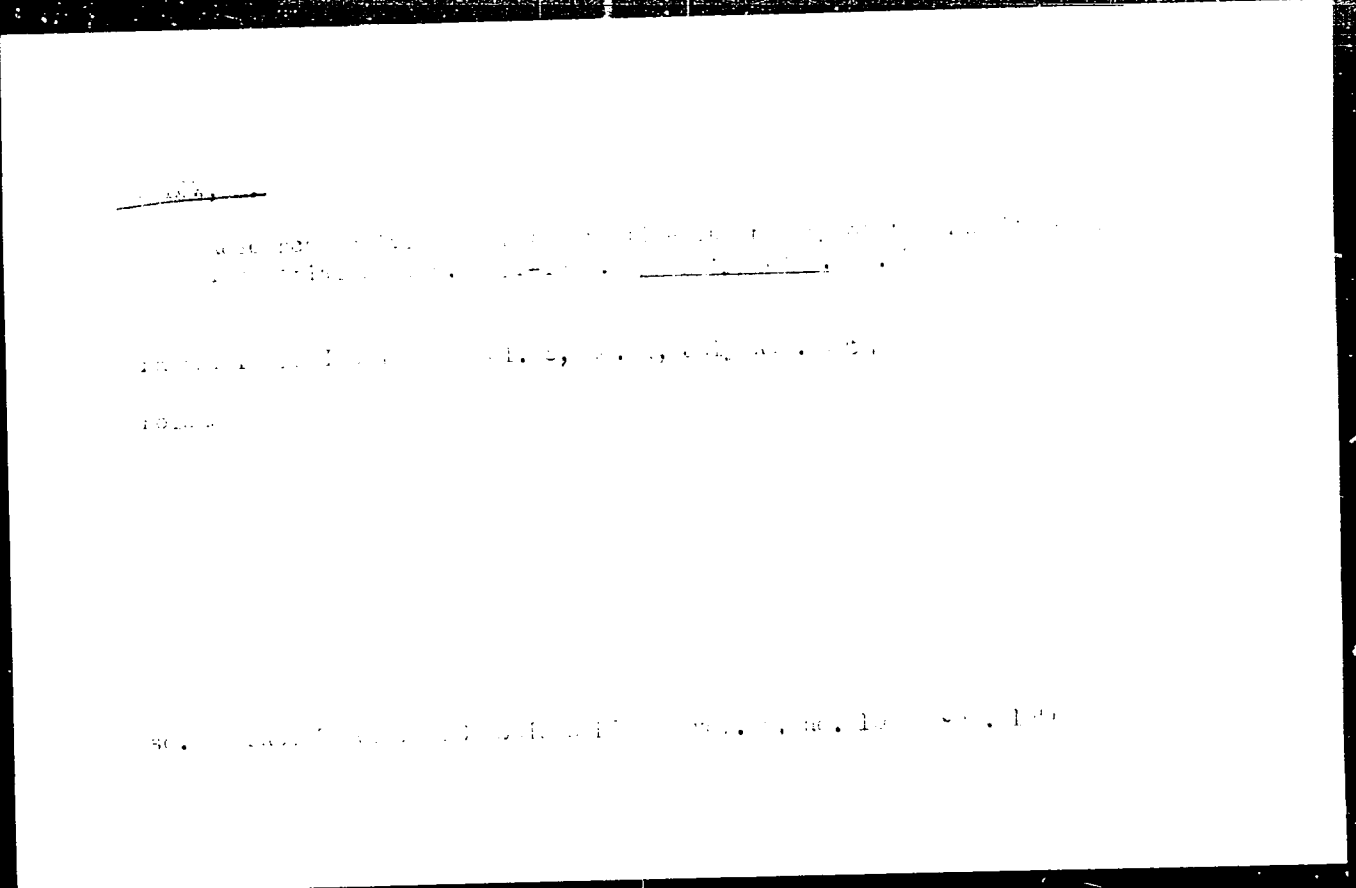
(RECTUM neopl) (ADENOCARCINOMA metab)  
(NUCLEIC ACIDS metab)

CRLOW, E.

"Struggle for new designs." Biuletyn Wzor. p. 3 (Przemysł Włokienniczy, Vol. 7, No. 2,  
Feb. 1953, Lodz)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June  
1954, Incl.





ORLOW, R.

Technical and plastic premises for matching textile designs. Biuletyn wzor.

p. 9  
Vol. 8, no. 5, Sept./Oct. 1954  
PRZEMYSŁ WLOKIENNICZY  
Lodz

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2  
Feb. 1956

ORLOW, Tadeusz; SZYSZKI, Stanislaw

Observations on early syndromes appearing following meals  
in gastrectomized. Polski tygod.lek. 10 no.50:1601-1605  
12 Dec. '55.

1. Z II Kliniki Chirurgicznej Slaskiej; A.M. Kierownik  
Kliniki: prof. dr Jozef Gasinski. Zabrze, I Klinika Chirurg.  
Sl.A.M.

(STOMACH, surgery,  
gastrectomy, postop. synd. appearing after meals)

GINKO, Tadeusz; ADAMCZYK, Roman; SADLINSKI, Czeslaw; ORLOW, Tadeusz;  
HOCZECHA, Maciej

Home- and heteroplasty of the aorta by means of experimental  
lyophilized grafts. Polski przegl.chir. 31 no.11:1169-1175  
N '59.

1. Z II Kliniki Chirurgicznej Sz. A. M. w Zabrze Kierownik:  
prof. dr J. Gasinski.  
(AORTA transpl)

SABLINSKI, Czeslaw; GINKO, Tadeusz; ORLOW, Tadeusz; MADEJSKI, Tadeusz;  
ADAMCZYK, Roman

Obstruction of the great vessels treated with an alloplasty prosthesis. Polski przegl. chir. 33 no.2:113-118 '61.

1. Z II Kliniki Chirurgicznej Sl. AM w Zabrze Kierownik: prof. dr J. Gasinski.

(BLOOD VESSELS surg)

URBANSKA-BONENBERG, Lucyna; ORLOW, Tadeusz

A case of chromophilic tumor of the adrenal gland. Pol. tyg. lek.  
17 no.30:1191-1193 23 J1 '62.

1. Z II Kliniki Chorob Wewnetrznych Sl. AM., kierownik: prof. dr med.  
Witold Zahorski i z II Kliniki Chirurgicznej Sl. AM w Zabrze, kierownik:  
prof. dr med. Jozef Gasinski.

(PHEOCHROMOCYTOMA)

(ADRENAL GLAND NEOPLASMS)

GINKO, Tadeusz; ORLOW, Tadeusz

ACTH and cortisone in the prevention of thyroid crisis.  
Polski przegl. chir. 35 no.9:933-934 '63.

1. Z II Kliniki Chirurgicznej Sl. AM w Zabrze. Kierownik:  
prof. dr. J.Gasinski.

\*

ORLOW, Tadeusz; ADAMKIEWICZ, Kazimierz

Hydronephrosis of the upper part of the kidney with double renal pelvis imitating a pancreatic cyst. Pol. przegl. chir. 37 no.4:Suppl.:405-407 Ap'65.

1. Z II Kliniki Chirurgicznej Śląskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. J. Gasinski).



ORLOWSKI, Tadeusz, doc. dr.; BADURA, Ryszard, doc. dr.

Attempts to repair defects of the urinary bladder wall with the polyester mesh. Pol. przegl. chir. 37 no.4: Supl.:419-421 Ap'65.

1. Z Oddziału Chirurgicznego Szpitala Okręgowego wrocławiu (Ordynator Oddziału: doc. dr. T. Orłowski) i z Kliniki Chirurgii Weterynaryjnej we Wrocławiu (Kierownik Kliniki: doc. dr. R. Badura).

ORLOVA, Tatiana; JELINSKA, Krystyna M.

Solubility of surface antigen of *alcalescens* I strains; studies by passive hemagglutination and immunisation of animals. Med. dosw. mikrob. 9 no.3:245-252 1957.

1. Z Zakładu Bakteriologii Państwowego Zakładu Higieny w Warszawie.

(BACTERIA,

*Bacillus alcalescens*, solubility of surface antigen (Pol))

MODRZEJOWSKI, Jan, inz.; ORLOWICA, Emil, inz.

Catalyzing bed for chambers of industrial furnaces using  
gas fuel. Gosp paliw 11 Special issue no.(95):38 Ja '63.

1. Huta, Stalowa Wola.

ORLOWICZ, MIECZYSLAW.

Pojezierze warmińsko-mazurskie; przewodnik krajoznawczy.

Warszawa

Spółdzielczy Instytut Wydawniczy, "Kraj", 1952, 154 p.

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

Uncl.

Jerzy; ORLOWSKA, Barbara

Changes of lecithin composition of the contents of the yolk sac  
in chick embryo following infections with *Coxiella burnetii* or  
*Rickettsia prowazekii*. Med. dosw. mikrob. 11 no.2:135-140 1959.

1. Z Pracowni Metabolizmu Posredniego PZH.  
(*LECITHINS, metab.*)(*COXIELLA, infect.*)  
(*RICKETTSIA PROWAZEKII, infect.*)

ORLOWSKA, Barbara; MEDUSKI, Jerzy; USPIEWSKAJA, Wiern D.

Development of a method for quantitative determination of phospholipase C in *Clostridium perfringens* and *Clostridium oedematis*.  
Med. dozw. mikrob. 11 no.2:141-147 1959.

1. Z Pracowni Metabolizmu Posredniego P. Z. H. w Warszawie i  
Instytutu Biochemii A.N.M. ZSRR w Moskwie.  
(*CLOSTRIDIUM PERFRINGENS*, metab.) (*CLOSTRIDIUM*, metab.)  
(ESTERASES, chem.)

ORLowska, Bogumila; MORDARSKI, Marian

Effect of mitotic poisons on the development of Protozoa. Arch.  
immun.ter.dosw. 8 no.3:565-591 '60.

1. Zaklad Antybiotykow, Instytut Immunologii i Terapii  
Doswiadczalnej PAN we Wroclawiu. Zaklad Mikrobiologii Lekarskiej  
Akademii Medycznej we Wroclawiu.  
(PROTOZOA pharmacol)  
(ANTINEOPLASTIC AGENTS pharmacol)

ORLOWSKA, Bogumila; MORDARSKI, Marian

The effect of urea, biguanide and oxazine derivatives on the development of protozoa. Arch. immun. ter. dosw. 9 no.3:363-381 '61.

1. Department of Antibiotics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

(TRICHOMONAS pharmacol) (CHILOMASTIX pharmacol)  
(UREA rel cpds) (AMIDINES pharmacol)  
(HETEROCYCLIC COMPOUNDS pharmacol)



SURNAME, Given Names

Country: Poland

3

Academic Degrees: not given

Affiliation: Presumed Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polska

Source: Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr. Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4, Data: 1961, pp 423-425.

Data: "The Effect of Mitotic Poisons on the Development of Protozoa."

English abstract of article, originally published in Arch. Immunol. i Terapii Dosw. 1960, 8, 566.

Authors:

ORLOWSKA, B.

MORDARSKI, M.

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ORLOWSKA, Bogumila; MORDARSKI, Marian

Effect of mitotic poisons on the development of *Trichomonas vaginalis* in culture. *Wied. parazyt.* 8 no.2:197-200 '62.

1. Zaklad Antybiotykow Instytutu Immunologii i Terapii Doswiadczalnej  
PAN, Wroclaw. (TRICHOMONAS pharmacol) (ANTINEOPLASTIC AGENTS pharmacol)

ORLOWSKA, I.

GANCZARSKI, A.; DUBIN-HORKAWICZ, H.; HOROSZENICZ, J.; KASPEROWICZ, J.; ORLOWSKA, I.;  
STEMPIEN, R.; TUROWSKA, I.; WISNIEWSKA, A.

Effect of isonicotinic acid hydrazide on morphology and biology  
of *Mycobacterium tuberculosis*, on saprophytic bacteria, and on  
experimental tuberculosis in laboratory animals. *Med. dosw. mikrob.*  
5 no.3:326-329 1953. (CIML 25:5)

1. Lodz.

ORLOWSKA, Irena

Characteristics of strains of *Corynebacterium diphtheriae* isolated during the Lodz epidemic in 1955-1956 with particular reference to serotypes. *Przeegl. epidem., Warsz.* 12 no.2:101-108 1958.

1. Zakladu Bakteriologii A. M. w Lodzi Kierownik: z-ca prof. dr A. Ganczarski.

(*CORYNEBACTERIUM DIPHTHERIAE*,  
serotypes isolated in Poland (Pol))

ORLOWSKA, Irena

SURNAME, Given Names

Country: Poland

Academic Degrees: Dr. of stomatological medicine.

Affiliation: Oral Surgery Clinic (Klinika Chirurgii Stomatologicznej), School of Medicine (AM--Akademia Medyczna), Warsaw; Director: Prof. M. GORSKI, Dr. med.

Source: Warsaw, Lekarz Wojskowy, Vol 36, No 5, 1961, pp. 472-480.

Data: "Early Treatment of Fractures of the Zygomatic Arch."

198  
GPO 981643

POLAND

ORLOWSKA, Irena, Stomatological Surgery Clinic (Klinika Chirurgii Stomatologicznej), AM [Akademia Medyczna, Medical Academy] in Warsaw (Director: Prof. Dr. med. M. GORSKI)

"Ophthalmic Complications in Fractures of Bony Structure of Face."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 34, 19 Aug 63, pp 1260-1264

Abstract: [Author's English summary modified] Author analyzed 476 cases in the clinic and found ophthalmic complications rather frequent in fracture of the upper and medium parts of the facial skeleton. These can be divided into two groups, of which the first is more frequent, including exanguinations and edema of the soft tissues, can be easily treated, and threatens permanent injury only when the eye socket bottom is fractured. The second, less frequent, group comprises the cases involving damage to socket content, are more difficult to treat and may result in blindness. In view of this frequency of incidence, author urges oculistic examination in all cases of facial fracture. 15 refs: One Soviet, 14 Western.

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ZEMLA, Janina; ORLOWSKA, Irena

Fibrous dysplasia of the mandible in children. *Pediat. Pol.*  
39 no.3:287-294. Mar'64.

1. Z Kliniki Chirurgii Stomatologicznej AM w Warszawie;  
kierownik: prof.dr.med. M.Gorski.

\*

ORLOWSKA, Irena

Ocular complications in facial bone fractures. Pol. tyg. lek.  
18 no.34:1260-1264 19 Ag 163.

1. Z Kliniki Chirurgii Stomatologicznej AM w Warszawie;  
kierownik: prof. dr med. M. Gorski.

(FACIAL BONES) (FACIAL INJURIES) (FRACTURES)  
(EYE INJURIES) (ORBIT)



ORCANSKA, Jadwiga

Factors influencing glucose-6-phosphatase activity in the liver  
in transplantable methylcholanthrene hepatoma in mice. Arch. Immun. Ther.  
exp. 1. no. 1871-1877. 1972

1. Department of Experimental Biology, Institute of Immunology and  
Experimental Therapy, Polish Academy of Sciences, Wrocław.

POLAND / Microbiology. Technical Microbiology.

F-3

abs Jour: Ref Zhur-Biol., No 16, 1958, 72046.

Author : Orlowska, Julia.

Inst : Not given.

Title : Fungus Microflora Developing in Sugar Beets During  
Storage in Pits.

Orig Pub: Gaz. cukrown., 1957, 59, No 12, 343-346.

Abstract: No abstract.

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ORLOWSKA, K.

2657

663.473.3 576.8

Polish Technical Abst.  
No. 1 1954  
Agriculture, Food Processing  
Industry, Forestry, Fisheries

✓ Orłowska K. The Production Value of Acetic Bacteria on the Basis of Investigations over Species Isolated in Polish Vinegar Factories.

„Ocena użyteczności produkcyjnej bakterii octowych na podstawie badań gatunków wyizolowanych z octowni polskich”. Przemysł Rolny i Spożycze. No. 4, 1953, pp. 126—130, 2 tabs.

All vinegar factories operate on strains made impure by wild varieties, the productivity of which is often small and varying in tolerance, to ethanol and acetic acid. The output depends strictly upon the physiological properties of acetic acid bacteria, a fact which necessitates regular co-operation with a research institute.

ORLOWSKA, Krystyna

Effect of *Hypericum perforatum* infusion on gastric juice and bile secretion. *Polski tygod. lek.* 10 no.1:988-991 9 May '55.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Łodzi. Kierownik: prof. dr med. Wacław Markel) Warszawa, ul. Dzielna 15a.m.23.

(PLANTS,

*Hypericum perforatum* infusion, eff. on gastric juice & bile secretion)

(GASTRIC JUICE,

secretion, eff. of *Hypericum perforatum* infusion)

(BILE,

secretion, eff. of *Hypericum perforatum* infusion

ORLOWSKA, Krystyna; KRAWOWSKA, Ludwika; SZYMANSKA, Danuta

Case of reticulosarcoma. Polski tygod. lek. 10 no.3:84-87 17 Jan 55.

1. Z III Kliniki Chorob Wewnętrznych AMW; kierownik: prof. dr  
J. Negierko i z Zakładu Anatomii Patologicznej AMW; kierownik: prof.  
dr L. Paszkiewicz.

(SARCOMA, RETICULUM CELL,  
disseminated, case report)

EXCERPTA MEDICA Sec 14 Vol.10/8 Radiology Aug 56

1374. ORLOWSKA K. Zakł. Radiol. im dr M. Werthenthin. \* 77 przypadków cieni okrągłych w polach płucnych. Seventy-seven cases of round shadows of the lung GRUŻLICA 1955, 23/7 (487-492) Tables 1 Illus. 20  
Report of lung abscesses and gangrene, 3 cases; saccate pleural effusion, 2 cases; lesions of the chest wall, 1 case; tuberculoma, 21 cases; tb infiltration, 1 case; primary carcinoma of the lung, 32 cases; metastatic carcinoma, 3 cases; benign neoplasm, 9 cases; bronchial cysts, 3 cases; echinococcosis, 1 case; chondroma, 1 case.  
Dobrowoleki - Warsaw (XV, 6, 14)

**ORLOWSKA, Krystyna.**

Round shadows in differential diagnosis of pulmonary diseases;  
review. Gruslica 23 no.9:647-656 Sept. 55.

1. Warszawa, ul. Dzielna 15 a m. 23.  
(LUNGS, radiography,  
round shadows, differ. diag., review)

LESZEK, Halina; JEDRZEJEWSKA, Halina; ORLOWSKA, Krystyna; WITSICKA, Zofia

Cardiovascular and respiratory systems in scoliosis in preoperative  
& postoperative periods. Chir. narz. ruchu 22 no.2:147-151 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie Kierownik: prof. dr A. Gruca  
Z III Kliniki Chorob Wewnętrznych A. M. w Warszawie Kierownik: prof.  
dr J. Wegierko Z. Kliniki Laryngologicznej A. M. w Warszawie Kierownik:  
prof. dr M. Lewenfisz. Warszawa, ul. Nowogrodzka 59, Klinika Ortopedyczna  
A. M.

(SCOLIOSIS, surg.

cardiovasc. & resp. systems in preop. & postop. time  
(Pol))

(CARDIOVASCULAR SYSTEM, in var dis.

preop. & postop. scoliosis (Pol))

(RESPIRATORY TRACT, in var. dis.

same)



ORLOWSKA, Krystyna (Warszawa 31, ul. Dzielna 15 A.M. 23.)

Lesions of bones of the foot in diabetic patients. Polski tygod. lek.  
13 no.42:1626-1628 20 Oct 58.

1. (Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie;  
kierownik prof. dr N. Med. Jakub Wegierko)

(DIABETES MELLITUS, compl.)

osseous lesions of foot (Pol))

(FOOT, pathol.)

osseous lesions in diabetics (Pol))

(BONE AND BONES, dis.)

osseous lesions of foot in diabetics (Pol))

ORLOWSKA Krystyna (Warszawa 31, ul. Dzielna 15a m. 23.)

Case of mitral stenosis with predominant symptom of considerable general  
asthenia. Polski tygod. lek. 13 no.48:1930-1931 1 Dec 58.

1. (Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie  
kierownik: prof. dr nauk med. Jakub Wegierco.)

(MITRAL STENOSIS, pathol.

case report with predominant symptoms of general asthenia  
& cerebral ischemia (Pol))

JOCHWEDS, Benjamin; ORLOWSKA, Krystyna

On the problem of the so-called myocardial post-infarction syndrome.  
Polski tygod.lek. 15 no.37:1416-1418 12 S '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:  
prof. dr med. Eugeniusz Kodejszko.  
(MYOCARDIAL INFARCT compl)

CZYZYK, Artur; ORLOWSKA, Krystyna

Diabetic angiopathy. Polskie arch.med.wewn. 30 no.3:351-361 '60.

1. Z III Kliniki Chor.wewn. A.M. w Warszawie. Kierownik: prof.  
dr.med. E. Kodejszko.

(DIABETES MELLITUS compl.)

(BLOOD VESSELS dis.)

ORLOWSKA, Krystyna

Supplementary tables for spirographic studies. *Polskie arch. med. wewn.* 31 no.5:677-679 '61.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof. dr med. E. Kodejszko.

(SPIROMETRY)

ORLOWSKA, Krystyna

Evaluation of the usefulness of rest spirometry. Pol. arch. med. wewnet.  
32 no.2:201-211 '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.  
dr med. E. Kodejszko.

(SPIROMETRY)

ORLOWSKA, Krystyna

A technic for rest spirometry in the light of our experience.  
Polskie arch. med. wewn. 32 no.5:493-500 '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.  
dr med. E. Kodejszko.

(SPIROMETRY)

JAWORSKA, Mieczysława; ORLOWSKA, Krystyna

Rest spirometry in children and adolescents with thoracic deformities.  
Pediat. pol. 37 no.10:1051-1058 0 '62.

1. Z Kliniki Ortopedycznej AM w Warszawie. Kierownik: prof. dr med.  
A. Gruca i z III Kliniki Chorob Wewnętrznych AM w Warszawie. Kierownik:  
prof. dr med. E. Kodejszko.  
(SPIROMETRY) (SCOLIOSIS) (THORACIC DISEASES)



ZGLICZYNSKI, S.L.; ORLOWSKA, K.

Roentgenodiagnosis of chronic cor pulmonale. Pol. przegl.  
radiol. 27 no.6:467-478 '63.

1. Z Zakładu Radiologii Lekarskiej AM w Warszawie Kierownik:  
doc. dr med. S.L. Zgliczynski i z III Kliniki Chorob Wewnętrznych  
AM w Warszawie Kierownik: prof. dr med. E. Kodejszko.  
(PULMONARY HEART DISEASE)  
(THORACIC RADIOGRAPHY)

ORLOWSKA, Krystyna

A short-term ergospirometric test in the clinical evaluation of effort efficiency. Pol. arch. med. wewn. 33 no.7:789-799 '63.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik:  
prof. dr med. E. Kodejszko.  
(SPIROMETRY) (EXERTION)

ORLOWSKA, Krystyna; SERZYSKO, Wieslaw

Evaluation of the simultaneous determination of the oxigram, minute ventilation and expired-air composition during effort of brief duration. Pol. arch. med. wewn. 33 no.7:801-805 '63.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie Kierownik: prof. dr med. E. Kodejszko.  
(OXIMETRY) (RESPIRATORY FUNCTION TESTS)  
(EXERTION)

DOLOWSKA, Krystyna; ALBUKA, Włodzisław

Some ergos, ...  
pediat. ...

1. ...  
Warszawie (Kierownik: prof. dr. med. ...)  
...  
med. A. Grupa.

ORLOWSKA, Laryssa

Hydrolytic enzymes of domestic goose kidney. Folia biol 11  
no.1:133-143 '63.

1. Department of Histology and Embryology, Pomerania Medical  
Academy, Szczecin. Head: J. Sletwinski, M.D.

\*

TOMASZEWSKI, Leszek; ORLOWSKA, Stanisława

Hemolysis in hypertonic solutions. Pol. tyg. lek. 18 no.32:  
1180-1187 5 Ag '63.

1. Z Laboratorium Zespołu Klinik Oddziału Pediatrycznego  
Akademii Medycznej w Warszawie; Państwowy Szpital Kliniczny  
nr 3; kierownik Laboratorium: dr med. Leszek Tomaszewski.  
(HEMOLYSIS) (HYPERTONIC SOLUTIONS)

LEWENFISZ, Henryk; BARDADIN, Tadeusz; ORLOWSKA, Wieslawa

Acoustic properties of phonendoscopes. Polski tygod. lek. 9 no.36:  
1159-1162 6 Sept 54.

1. Z Kliniki Otolaryngologicznej A.M. w Warszawie, kierownik prof.  
dr H.Lewenfisz i z II Kliniki Wewnętrznej A.M. w Warszawie, kierownik  
prof. dr D.Aleksandrow.

(~~STETHOSCOPE~~,  
phonendoscope, acoustic properties)

ORLOWSKA ZWOLINSKA, Teresa

The first finding of Zechstein sporomorphs in Poland. Kwartalnik  
geol 6 no.2:283-297 '62.

1. Zakład Stratygrafii, Instytut Geologiczny, Warszawa.



ORLOWSKA-ZWOLINSKA, Teresa

Borderline between the Rhaetian and Lias in the light of recent microflora research. Kwartalnik geol 6 no.4:729-730 '62.

1. Zaklad Stratygrafii, Instytut Geologiczny, Warszawa.

ORLOWSKI, A.

Effect of kinetogenic drugs on internal inhibition in conditioned food reflexes of the 2d type. Acta physiol.polon. 11 no.5/6: 854-856 '60.

1. Z Zakladu Fizjologii Zwierzat Uniwersytetu Lodzkiego, Kierownik: doc.dr W.Wyrwicka.

(REFLEX CONDITIONED pharmacol)

(STRYCHNINE pharmacol)

(PENTYLENETETRAZOLE pharmacol)

STASIEWICZ, Irana; BURDOWICZ-NOWICKA, Maria; ORLOWSKI, Boleslaw

Social significance of popular scientific works on the history  
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305 '62.

ORLOWSKI, Boleslaw

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ORLOWSKI, A.

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POLAND/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khalmiya, No 22, 1958, 73581.

Author : Bronislaw Orlowski.

Inst :

Title : Brief Review of Field Equipment for Prospecting  
for Radioactive Minerals.

Orig Pub: Przegl. geol., 1958, 6, No 3, 114-118.

Abstract: No abstract.

Card : 1/1



OLOWSKI, S.

250th anniversary of Perronet. p. 352.

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Uncl.

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ORLOWSKI, B.

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ORLOWSKI, B.

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ORLOWSKI, Boleslaw

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ORLOWSKI, Boleslaw

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ORLOWSKI, Boleslaw

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"Everyday life in Babylon and Assyria" by Georges Lantieri. Reviewed by Boleslaw Orłowski. Ibid.:568-571

"Daily life in Carthage at the time of Hannibal" by Gilbert and Colette Charles-Lard. Reviewed by Boleslaw Orłowski. Ibid.:571-572. '69.

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POLAND

ORLOWSKI, Bronislaw

Institute of Experimental Physics, Univ. of Warsaw  
(Instytut Fizyki Doswiadczalnej Uniwersytetu War-  
szawskiego), Warsaw

Crakow, Postepy fizyki, No 6, Nov-Dec 1965, pp 715-725

"Photovoltaic effect."

ORLOWSKI, Bronislaw

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POLAND

IGRAB, Edmund; ORLOWSKI, Bronislaw; WADKINSKI, Tadeusz

Physics Institute, Polish Academy of Sciences (Instytut Fizyki PAN  
[Polish Academy of Sciences]) - (for all)

Warsaw, Prace fizyczne, No 1, January 1966, pp 17-27

"Investigation of high voltage photoeffect in silicon thin films."

L 39037-66 IJP(c) AT

ACC NR: AP6018294

SOURCE CODE: PO/0047/65/016/006/0715/0725

AUTHOR: Orlowski, Bronislaw

ORG: Institute of Experimental Physics, Warsaw University, Warsaw (Instytut Fizyki  
Doswiadczalnej Uniwersytetu Warszawskiego)

TITLE: Photovoltaic effects

SOURCE: Postepy fizyki, v. 16, no. 6, 1965, 715-725

TOPIC TAGS: photoelectromotive force, photoelectric effect, semiconductor theory ,  
*PHOTOVOLTAIC EFFECT*

ABSTRACT: This survey article covers experimental and theoretical work beginning in 1873 on the electrical properties of various substances as a function of their exposure to light. Basic semiconductor theory is outlined and the Dember effect is discussed as a source of emf generated by the difference in mobilities of electrons and holes. Research on high-voltage emf generated in thin layers is briefly reviewed. Orig. art. has: 4 figures, 13 formulas.

SUB CODE: 20/ SUBM DATE: none/ OTH REF: 014/ SOV REF: 005

Card 1/1/114P

L 02379-67 EWP(t)/ETI IJP(c) JD/AT

ACC NR: AP6019786

SOURCE CODE: PO/0053/66/000/001/0017/0027

AUTHOR: Igras, Edmond; Orlovski, Bronislaw; Warminski, Tadeusz

ORG: Institute of Physics, PAN (Instytut Fizyki PAN)

TITLE: Investigation of the high-voltage photoeffect in thin silicon films

SOURCE: Przegląd elektroniki, no. 1, 1966, 17-27

TOPIC TAGS: ~~silicon~~, photo emf, <sup>silicon</sup> semiconductor, photoelectromotive force, photoeffect, semiconducting film

ABSTRACT: The purpose of the present investigation of the high voltage photo emf effect in the thin films of certain semiconductors (in this study principally silicon films) was to determine the causes of this effect. Some of the results obtained are discussed and an attempt is made to explain them. The thin films were prepared by the thermal evaporation deposition on a hot bed of silicon in a 10<sup>-4</sup> mmHg vacuum, and the rate of silicon deposition was on the average about 50 Å/sec, and the film thickness from 500 to 1,000 Å. The effect of thermal treatment on the value of the photoelectric voltage, on the adsorption of gases on the film surfaces, and the effect of aging and stresses were also investigated. It is pointed out that the most probable causes discussed here of the high photoelectric voltage are rather complex

Card 1/2

UDC: 621.389

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ACC NR: AP601975o

and presumably involve several mechanisms going on simultaneously. Further studies of the problem are in progress. "The authors thank Prof. Sosnowski for his helpful suggestions and his interest in this study." Orig. art. has: 2 figures and 5 tables.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 010

Card 2/2 ymb

ORLOWSKI, F.

"Modern dusting of grain elevators and flour mills."

p. 284 (Przegląd Zbozowo-Młynarski, Vol 2, no. 9, Sept. 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan 59.

DUBAS, Andrzej; ORLOWSKI, Ferdynand

Comparison of mixtures of chicory with grasses and white clover  
used as green forage. Rocznik nauk rolniczych 87 no.4:695-715 '63.

1. Katedra Szczegolowej Uprawy Roslin, Wyzsza Szkola Rolnicza,  
Poznan. Kierownik: prof. dr Felicjan Dembinski.



ORLOWSKI, Janusz (Warszawa)

Kontra hollow bricks. Przegl budowl i bud mieszk 36 no. 6:  
324-325 Je '64.

*Delowski, J.*

*5*

3453  
 68.08 : 86.094.3 : 547.07 : 547.6521.09  
 Czarnota T., Orłowski J., Ciborowski J. Catalytic Oxidation of Naphthalene to Phthalic Anhydride by Fluidisation. *Chem*

*3*

„O kontakowym utlenianiu naphthalenu do bezwodnika ftalowego metodą fluidyzacji”. Przemysł Chemiczny, No. 6, 1955, pp. 295-301, 3 figs., 11 tabs.

An examination of the catalytic process of oxidising naphthalene to phthalic anhydride by fluidisation on vanadium catalysts. Several catalysts on different carriers were investigated, with various content of vanadium pentoxide and different grain size, prepared by various methods, and a study made of the conditions of fluidisation of individual catalysts and their resistance to abrasion. A discussion is included over the influence of individual parameters of the process, including: temperature, time of contact, ratio of naphthalene to air, on the yield and purity of the product. The best results (ca 75% molar yield, purity ca 80% and feed rate of the catalyst up to 390 g naphthalene:litre of catalyst/hour) were obtained by using a melted catalyst of vanadium pentoxide on corundum. The principal advantage of the method, by comparison with the known processes with an immovable catalyst, consists in the possibility of applying a several times greater feed rate of catalyst and the high purity of phthalic anhydride obtained.

*PM*

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Industrial Organic Synthesis. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61845.

Author : J. Orłowski, H. Czerwinska, K. Klahr.

Inst : Not given.

Title : Preparation of  $\beta, \beta'$ -Dichlorodiethylformaldehyde Acetal.

Orig Pub: Przem. chem., 1957, 13, No 9, 520 - 523.

Abstract: The preparation of  $H_2C(OCH_2CH_2Cl)_2$  (I) by the condensation of  $HOCH_2CH_2Cl$  (II) with paraformaldehyde (III) in the presence of HCl was studied. The yield of I is 70 to 79%, similar results were obtained using  $n-CH_3C_6H_4SO_3H$ . No application of foreign substances producing azeotropes with water is necessary, because II itself produces an azeotrope with water (boiling

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trope. The process was carried out with a little excess of III, because some of  $CH_2$  was

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Industrial Organic Synthesis. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61845.

Abstract: distilled off together with the azeotrope. II is practically the only impurity in I (87% of I contains 11% of II). The distillate is a 30 to 35% solution of II in water containing about 3% of HCl and 0.5% of CH<sub>2</sub>O. If the initial substances were 98% pure, the concentration of I in the raw product is 93%. The continuous process is carried out in a column 50 mm in dia. and 600 mm high. Very pure I is produced. In order to obtain 97.5% of I, the product is fractionated in vacuo or II is extracted with water (the solubility of I in water is negligible). The removal of water as

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ORLOWSKI

J

PRZEMYSŁ CHEMICZNY  
Vol XIII, Nr 11, 1957

Laboratory Method of Preparation of Ethylene Bromo-  
hydrin by J. Orłowski, H. Czerwińska and A. Bien

Summary

A laboratory method of synthesizing ethylene bromohydrin, consisting in reaction of hydrogen bromide in the gas phase with ethylene oxide, has been described. The method is simple, gives higher yield and takes less time than the methods described in the literature.

RM MT

POLEND/Chemical Technology. Chemical Products and Their Applications. Industrial Organic Synthesis. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20401

Author : Czarnota, Tadeusz; Orlewski, Jan; Krzenicki, Kazimierz

Inst : -  
Title : Oxidation of Anthracene to Anthraquinone by a Contact Fluidal Method.

Orig Pub : Przen. chem., 1958, 37, No 3, 167-172

Abstract : Experiments were conducted on a large laboratory scale for the catalytic oxidation of anthracene (I) to anthraquinone (II) in a suspended layer. Contacts (C) of two types were used: impregnated (IC) and fused

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POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20401

(FC). For the preparation of IC, large porous silica gel is washed several times with water (the last time with distilled water), dried at 150°C, pulverized, and the 0.4-0.8 mm fraction sifted.  $\text{Fe}_2(\text{SO}_4)_3$  and  $\text{K}_2\text{SO}_4$  solutions are added to a  $\text{VOSO}_4$  solution in a quantity, respectively, of 20 and 0.5 or 10 percent of the content of  $\text{V}_2\text{O}_5$  and diluted with water to concentration of about 40 g/l of  $\text{V}_2\text{O}_5$ . The carrier is saturated with the prepared solution, dried at 90-100°C and the saturation repeated to absorption by the carrier of a solution in

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POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20401

a quantity which corresponds to a content  
of  $V_2O_5$  of about 25 percent of the weight  
of the carrier. After the last drying, C  
are put into a reactor and heated at 450-500°C  
with air flow at the rate of about 0.5 m/sec.  
Heating continues until full decomposition  
of  $VOSO_4$  (disappearance of  $SO_3$  in the waste  
gases, time of decomposition 7-10 hours). To  
prepare FC, the sifted carrier (0.4-0.8 mm)  
is carefully blended with a pulverized cata-  
lytic active substance ( $V_2O_5$  and different  
quantities of  $Fe_2O_3$ ) in a ratio of 1:0.1-0.3  
(for C in corundum) or 1:1 (for C in active

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POLAND/Chemical Technology, Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20401

$Al_2O_3$ ). The mixture is put into an electric furnace and heated with periodic mixing before fusing of the oxides (700-980°, depending on the content of  $Fe_2O_3$ ), then the temperature is raised by about 50° and maintained for 1 hour, mixing for 5 minutes. C are cooled during mixing, sifted and activated for 2 hours at 500° in a suspended layer. Dust of  $V_2O_5$  is obtained by thermic decomposition of  $NH_4VO_3$ . To obtain homogenous mixtures of  $V_2O_5/Fe_2O_3$  they are mixed, alloyed and the solid alloy is crushed. Grains of the size 0.4-0.3 mm can be

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POLAND/Chemical Technology. Chemical Products  
and Their Applications. Industrial  
Organic Synthesis.

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Abs Jour : Ref Zhur-Knimiya, No 6, 1959, 20401

also used as C without a carrier. The  
scheme and description of the setup for  
oxidation of I is cited, as well as the  
method of experiments. By using FC with  
about 50 percent  $V_2O_5$  in  $Al_2O_3$ , at 320-  
340° and time of contact 0.20 seconds, a  
yield of about 40 percent II was obtained  
(content of II in the product about 60 per-  
cent). The main admixture is phthalic anhy-  
dryde (about 30 percent). During FC with  
 $V_2O_5$  and  $Fe_2O_3$  in corundum and without a  
carrier, high yields are obtained with good  
regularity of reaction. The best results

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27  
Preparation of vanadium pentoxide by thermal decomposition of ammonium metavanadate by the fluidized bed technique. Indusz Czarnota and Jan Orłowski (Inst. Chem. Ozólnc), Warsaw. *Przemysl Chem.* 37, 472-4 (1958) (English summary).—The fluidized bed technique was used to decomp.  $\text{NH}_4\text{metavanadate}$  at  $450^\circ$  during a residence time of 20.5 min. The product  $\text{V}_2\text{O}_5$  contained 0.0048% N and approx. 0.1% of lower V oxides. F. J. Hendel

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JH

ORLOWSKI, JAN

Catalytic oxidation of naphthalene to phthalic anhydride by the method described in F. J. HENDON, J. Polym. Sci. Polym. Chem. Ed., 1968, 6, 211-21 (1968) (no summary). — With V catalyst and 0.4–0.7 sec. contact time the yield was 70–85%. The catalyst was prepared by melting V<sub>2</sub>O<sub>5</sub> on activated alumina resulting in a grain size 0.42–0.84 mm. and 0.84–3.00 mm. with V<sub>2</sub>O<sub>5</sub> content 80%, and also by melting on corundum resulting in a grain size 1.5–1.5 mm. with V<sub>2</sub>O<sub>5</sub> content 10%. The catalytic oxide was carried out at 450–500° by using 0.1 kg. naphthalene/kg. of catalyst/hr. Depending on the grain size and type of catalyst, the height of the catalyst was 30–50 cm. (for corundum catalyst 20 cm. was used). The purity of the raw material was 97–99%. F. J. Hendon

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 JFJ

ORLOWSKI, J.

Distr: 4E3d

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Refinement of hexachlorocyclohexane enriched in  $\gamma$ -isomer. Zdzislaw Mazanek and Jan Orłowski. *Przemysł Chem.* 38, 498-501(1959).—A method for decolorization and decolorization of the title comp. (I) contg. 70, 80, 90 and 95%  $\gamma$ -isomer by nitric acid and activated C was worked out. The substance to be refined was heated 2 hrs. with concd. HNO<sub>3</sub>, the soln. filtered, the  $\gamma$ -isomer pptd. after cooling, filtered off, and recrystd. from MeOH. The most suitable conditions were: HNO<sub>3</sub> to I ratio 2:1 at 87-90°. The yield was 95% and the refined product was more rich in  $\gamma$ -isomer. By addn. of H<sub>2</sub>SO<sub>4</sub> to nitric acid the temp. could be elevated and time of refinement reduced. Dil. HNO<sub>3</sub> could be applied as a refining agent as well, but in this case at 120°.

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1-22 (NB)

The other method for refinement consisted of dissolving the raw product in MeOH, heating an hour at 60° with activated C, filtering, and pptg. from satd. soln. Products obtained by either method were white and practically colorless. 16 references. Zdzislaw T. Bleszyński

ORLOWSKI, Jan; GOLEMBIOWSKI, Jacek; GRZEBIENIOWA, Zofia

Isolation of the  $\beta$ -isomer from technical hexachlorocyclohexane.  
Pt. 2. Przem chem 39 no.1:32-34 Ja '60.

1. Instytut Przemyslu Organicznego, Warszawa, Zaklady Chemiczne  
AZOT, Jaworzno

ORLOWSKI, Jan; MESZORER, Ludwika; CIEMNIENSKI, Jozef; MAZANEK, Zdzislawa

Separation of cyclopentadiene from benzene dead fractions in  
dry distillation of coal. Przem chem 39 no.8:514 Ag '60.

1. Pracownia Procesow Jednostkowych, Instytut Przemyslu Organicznego,  
Warszawa.

ORLOWSKI, Jan; CIESLAK, Marek; CIEMNIEWSKI, Jozef; CIESLAK, Ludwika

Isolation of cyclopentadienes from the first benzole fractions of  
coking processes. Pt. 2. Przem chem 40 no.9:517-521 S '61.

1. Instytut Przemyslu Organicznego, Warszawa.



GIESLAK, Ludwik; CIEMNIEWSKI, Jozef; GIESLAK, Marek; ORLOWSKI, Jan

Isolation of cyclopentadienes from first benzole fractions of coking  
processes. Pt. 3. Przem chem 40 no.10:586-589 0 '61.

1. Instytut Przemyslu Organicznego, Warszawa.

ORLOWSKI, Jan; ECKSTEIN, Zygmunt

Studies on the catalytic and pyrolytic dehydrochlorination of individual isomers of hexachlorocyclohexane. Przem chem 40 no.11:643-646 N '61.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa i Instytut Przemysłu Organicznego, Warszawa.

ORLOWSKI, Jan; MAZANKOWA, Zdzisława; ECKSTEIN, Zygmunt

Activity of certain organic bases as catalysts in dehydrochlorination of inactive HCH isomers. *Przem chem* 41 no.11:649-651 N '62.

1. Instytut Przemysłu Organicznego, Warszawa, i Katedra Technologii Organicznej II, Politechnika, Warszawa.

P/014/62/041/012/005/005  
D204/D307

AUTHORS: Eckstein, Zygmunt, Mazankowa, Zdzisława and Orłowski, Jan

TITLE: A study of a continuous process of the catalytic dehydrochlorination of the inactive isomers of HCH

PERIODICAL: Przemysł Chemiczny, v. 41, no. 12, 1962, 705-708

TEXT: The present work (part VII of a series 'Utilization of the inactive isomers of HCH') was concerned with the application of the results obtained earlier on the dehydrochlorination of 1, 2, 3, 4, 5, 6-hexachlorocyclohexanes to the design of an industrial process. The investigation was carried out on a quarter-technological scale, on an installation consisting basically of a catalyst-filled reactor, a container and melting vessel for the HCH, fitted with a dosing device, an HCl absorber, and a product collector. Polish granular carbons Carbopol Z-Extra, Carbopol H-4, and Carbopol Z-4 were used as catalysts. At 300°C, with Carbopol Z-4 and a feed rate of 250 g HCH/hr, the reaction gave > 90% yields of tri-  
Card 1/3