

KNYAZEV, V.Ye.; DVUKRAYEV, I.A.

Press for straightening shafts. Mashinostroitel' no.12:34
D '64. (MIRA 18:2)

LAVREIT'YEVA, Ye.V.; DVULIT, P.D.

Program of latitude observations for Ulan-Bator. Trudy Polt. grav.
obs. 12:48-58 '63. (MIRA 16:9)
(Ulan-Bator—Latitude)

PANCHENKO, N.I.; DVULIT, P.D.

Systems of declinations of the centers of Talcott pairs obtained
from observations performed by the International Latitude Service.
Trudy Polt. grav. obser. 12:110-114 '63. (MIRA 16:9)
(Stars—Observations)
(Latitude variation)

DVURECHENSKAYA, A.P.

Development of the cognitive activity and independence of
students in geography classes. Geog. v shkole 26 no.5:40-46
S-0 '63. (MIRA 16:11)

1. Srednyaya shkola No. 2 g. Dipetska.

ACC NR: AP700L448

(A)

SOURCE CODE: UR/0413/66/000/021/0184/018

INVENTORS: Omirov, V. S.; Krivoviyaz, R. M.; Shteynberg, A. S.; Markochov, V. N.;
Dvurechenskiy, N. I.

ORG: none

TITLE: A combustion chamber of an automobile gas turbine engine. Class 46, No. 188221 /announced by Central Scientific Research Institute of Automobiles and Automobile Engines (Tsentral'nyy nauchno-issledovatel'skiy avtomobil'nyy i avtomotorny institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 184

TOPIC TAGS: automotive industry, gas turbine, turbine engine, gas turbine engine, combustion chamber

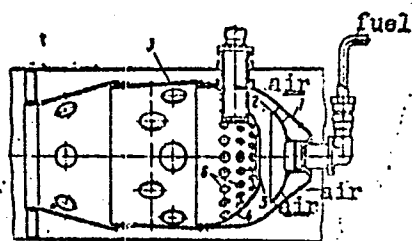
ABSTRACT: This Author Certificate presents a combustion chamber of an automobile gas turbine engine. The chamber contains a head with a stabilizer and a fire tube (see Fig. 1). To improve the process of mixture forming, a spherical diaphragm with a main central opening and with several auxiliary openings on the periphery of its surface is placed in the head of the chamber between the stabilizer and the fire tube.

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UDC: 621.438.056

ACC NR: AF7001448

Fig. 1. 1 - chamber head; 2 - stabilizer;
3 - fire tube; 4 - diaphragm;
5 - central opening; 6 - auxiliary
openings



Orig. art. has: 1 figure.

SUB CODE: 21/ SUBM DATE: 01Jul65

Card 2/2

MIROLYUBOVA, L.V.; DVURECHINSKAYA, G.S.

Use of the luminiscent serological method for the diagnosis
of typhoid fever and paratyphoid A and B. Zhur. mikrobiol.
epid. i immun. 33 no.10:3-7 0'62 (MIRA 17:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR i kliniki infektsionnykh bolezney II Moskvoskogo
meditsinskogo instituta imeni Pirogova.

RODYAKIN, N.F., prof.; DVURECHENSKAYA, N.V.; DEVLISHEVA, I.V., red.

[Cutaneous leishmaniasis (Borovskii's disease); a bibliographic index to the literature, 1862-1960 gg. Ashkhabad, Respublikan-skaia nauchnaia med. biblioteka, 1962. 133 p. (MIRA 15:12)
(DELHI BOIL)

DVURECHINSKAYA, G. S.

DVURECHINSKAYA, G. S. : "Observations of the formation of bacteria carriers in typhoid patients treated with antomyacin." First Moscow Order of Lenin Medical Institute. I. M. Sechenov. Moscow, 1956. (Dissertations for the degree of candidate in Medical Sciences).

SO: Knizhnays Letopis' No. 22, 1956

DVURECHINSKAYA, G. G.

POKROVSKIY, V.I.; DVURECHINSKAYA, G.G.

Synthomycin sensitivity of *Salmonella typhosa* isolated from patients.
Zhur.mikrobiol.epid. i immun. 28 no.5:36-38 My '57. (MLRA 10:7)

1: Iz kafedry infeksionnykh bolezney I Moskovskogo ordena Lenina
meditsinskogo instituta imeni Sechenova.

(*SALMONELLA TYPHOSA*, eff. of drugs on
chloramphenicol sensitivity)

(*CHLORAMPHENICOL*, eff.
sensitivity of *Salmonella typhosa*)

BILIBIN, A.F., prof.; DVURECHINSKAYA, G.S., kand.med.nauk; MARGORINA, L.M.,
kand.med.nauk

Clinical aspects and diagnosis of salmonellosis. Sov.med. 23 no.12:
34-43 D '59. (MIRA 13:4)

1. Iz kafedry infektsionnykh bolezney II Moskovskogo meditsinskogo
instituta i otdela epidemiologii Instituta epidemiologii i mikro-
biologii imeni N.P. Gamalei. 2. Chlen-korrespondent AMN SSSR (for
Bilibin).

(SALMONELLA INFECTIOUS)

DVURICHANSKAYA, A.

In a training center. Mast. ugl. 7 no.2:24a-24b F '58. (MIRA 11:3)
(Mining engineering--Study and teaching)

DVUZHIL'NAYA, N.M.; IVANOVA, N.V.; LIFSHITS, M.M.; MINENKO, O.A.; ZIKHEYEV,
I.A., redaktor; ALADOVA, Y.I., tekhnicheskiy redaktor

[Accelerated method of analyzing coal] Uskorennye metody analiza
uglia. Moskva, Ugletakhizdat, 1954. 58 p. (MIRA 8:7)
(Coal--Analysis)

SOV/28-58-5-12/37

AUTHOR: Dvuzhil'naya, N.M., Candidate of Technical Sciences;
Yegorkin, P.A., Engineer

TITLE: Determining the Clinkering Tendency of Coal from the
Donets Basin by the Rog Method (Opredeleniye spekayemosti
ugley Donetskogo basseyna po metodu Roga)

PERIODICAL: Standartizatsiya, 1958, Nr 5, pp 44 - 46 (USSR)

ABSTRACT: The DonUGI carried out tests of anthracites from the
Donets Coal Basin to select a standard corresponding to
the anthracite from the West German "Sophie Jakob" Mine,
accepted as the standard for an inert impoverishing addi-
tive. The most suitable coal for test purposes was found
to be that from the "Ivan" Mine of the Sovetugol' Trust,
a comparatively poor coal. The clinkering tendency was
determined by both the Rog and the plastometric method
and the respective results drawn up in tables for com-
parison's sake. The tables show that the Rog index

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Determining the Clinkering Tendency of Coal from the Donets Basin by the Rog Method ^{SOV/28-58-5-12/37}

differentiates well the low-clinkering coals with a high degree of metamorphism. However, coals with high clinkering properties and an average degree of metamorphism are quite satisfactorily differentiated by the plastometric method and do not lend themselves to classification by the Rog method. There are 4 tables and 2 graphs.

ASSOCIATION: Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (Donets Coal Scientific-Research Institute)

1. Coal--Chemical reactions
2. Coal--Test results

Card 2/2

DVUZHIL'NAYA, N.M., kand.tekhn.nauk

Coals of the Donets Basin in the International Classification
system. Sbor.DonUGI no.18:107-125 '59. (MIRA 13:1)
(Donets Basin--Coal--Grading)

DVUZHIL'MAYA, N.M., kand.tekhn.nauk; YEGORKIN, P.A., inzh.

Determining the coking capacity of Donets Basin coals by the
Roga method. Sbor.SonUGI no.18:126-135 '59. (MIRA 13:1)
(Donets Basin--Coal)

DVUZHIL'NAYA, N.M., kand.tekhn.nauk

Testing Ukraine coals by international standard methods.
Sbor.DonUGI no.18:136-145 '59. (MYRA 13:1)
(Ukrain--Coal--Testing) (Coal--Standards)

DVUZHIL'NAYA, N.M., kand.tekhn.nauk

Grading of Donets Basin coals according to the new classification
(state standard 8180 - 56). Sbor.DonUGI no.18:149-157 '59.
(MIRA 13:1)

(Donets Basin--Coal--Grading)

SHTROMBERG, B.I.; DVUZHIL'NAYA, N.M.

Typification of Donets coal and anthracite mined in 958 in accordance with the international coal classification. Koks i khim. no.1:12-14 '62. (MIRA 15:2)

1. Ukrainskiy uglekhimicheskiy institut (for Shtromberg).
 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Dvuzhil'naya).
- (Donets Basin—Coal—Classification)

DVUZHIL'NAYA, N.M., kand. tekhn. nauk; IVANOVA, N.V., inzh.

~~Classifying Donets Basin coals with a lower plastic layer.~~
Sbor. DonUGI no.25:3-9 '62. (MIRA 16:6)

(Donets Basin--Coal--Classification)

DVUZHIL'NAYA, N.M., kand. tekhn. nauk; YEGORKIN, P.A., inzh.

Heat of burning of damp ashless coal; problem of establishing
a class for Donets coals in accordance with the international
classification. Sbor. DonUGI no.25:10-16 '62. (MIRA 16:6)

(Donets Basin—Coal—Classification)

DVUZHLINAYA, N.M., kand. tekhn. nauk; YEGORKIN, P.A., inzh.

Varieties of Donets Basin anthracites which can be thermally treated and used as raw material in the manufacture of electrodes. Sbor. DonUGI no.25:121-128 '62. (MIRA 16:6)

(Electrodes, Carbon)
(Donets Basin—Anthracite coal)

MIROSHNICHENKO, A.M.; SHTRONBERG, B.I.; KRIVOKON', Yu.G.; SHINKAREVA, T.V.;
DRUY, G.N.; DVUZHIL'NAYA, N.M.; GUTMAN, L.M.; KUL'MAN, R.K.;
KOVALEVSKAYA, M.M.

Coking of a charge containing 40% gas coals and blast-furnace
smelting with coke obtained by this method. Koks i khim. no.2:20-24
'63. (MIRA 16:2)

1. Ukrainskiy uglekhimicheskiy institut (for Miroshnichenko, Shtromberg,
Krivokon', Shinkareva, Druy). 2. Donetskii nauchno-issledovatel'skiy
ugol'nyy institut (for Dvuzhil'naya). 3. Donetskii koksokhimicheskiy
zavod (for Gutman, Kul'man, Kovalevskaya).
(Coke) (Metallurgical furnaces)

3465. Changes in the epithelium of the skin in chronic wounds, abscesses and sinuses in the anterior abdominal body wall. E. D. Deuzhiluata. *Vrach. Delo*, 1955, No. 9, 827-834; *Referat. Zh. Hig.*, 1956, Abstr. No. 82335. --Histological investigation of skin from non-healing wounds, abscesses and fistulous tracts from 100 wounded people around the ... hyperplasia and ingrowing of the epithelium ... changes (20), parakeratosis (14), hyperkeratosis (12), pseudo-melanosis of the epithelium (12), atrophy of the epithelium (9), and papillomatous growths (7). In pseudomelanosis the pigment was present in the cells of the granular layer and it stained positively with Perle's stain indicating the presence of iron compounds. (Russian) J. P. HARRING

DVUZHIL'NAYA, Ye.D., professor; SOKOLOVSKIY, M.P., redaktor; GITSHTAYN,
A.D., tekhnicheskiy redaktor

[Diseases of the anterior abdominal wall following wounds and
laparotomy] Zabolevaniya perednei briushnoi stenki posle raneniya
i laparotomii. Kiev, Gos.med. izd-vo USSR, 1956. 195 p. (MIRA 9:8)
(ABDOMEN--DISEASES)

DVUZHIL'NAYA, Ye. D.

USSR/Morphology of Man and Animals (Normal and Pathologic).
Vascular System.

S-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17030

Author : Dvuzhil'naya, Ye.D.

Inst : -

Title : Vascular Changes in Trophic Tissue Disorders.

Orig Pub : Novyy khirurg. arkhiv, 1956, No 5, 33-36

Abstract : A study was made of the state of the vessels accompanying long-standing non-healing trophic ulcers and fistulas in the anterior abdominal wall of 100 patients and in experimental trophic neurogenic disorders in 20 dogs. The vascular changes consisted of the appearance of necroses of the walls, angiitis and sclerosing phenomena. This was accompanied by the destruction of elastic fibers, which remained partially preserved only in the intima and by a spreading growth of fibrous connective tissue. The muscle layer sometimes disappeared, but, in some cases, was

Card 1/2

USSR/Human and Animal Physiology - Nervous System.
Cortex of Cerebral Hemispheres.

T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32159

Author : Dvuzhil'naya, Ye.D., Serkov, F.N.

Inst : -

Title : Biopotentials of the Cerebral Cortex During Acute Blood Loss.

Orig Pub : Khirugiya, 1957³³, No 6, 18-24. JE 57

Abstract : During acute blood loss in dogs and rabbits, a decrease of the amplitude of oscillations was observed, as well as the appearance of slow waves on EEG. The introduction of adrenalin caused the strengthening of the electric activity of the brain. The changes of the EEG caused by acute blood loss found in animals under pentothal narcosis were less sharply expressed than in animals under morphine-ether narcosis.

Card 1/1

DVUZHIL'NAYA, Ye.D., professor (Odessa, ul. Podbel'skogo, d.47, kv.3)

Cicatricial inflammatory "Tumors" of the abdominal cavity and its anterior wall [with summary in English]. Vest.khir. 79 no.8: 41-46 Ag '57. (MIRA 10:10)

1. Iz kafedry obshchey khirurgii (zav. - prof. Ye.D.Dvuzhil'naya) lechebnogo fakul'teta Odesskogo meditsinskogo instituta im. N.I. Pirogova.

(ABDOMEN, wounds and inj.

cicatricial inflammatory tumors, management & prev.)

DVUZHIL'NAYA, Ye.D., prof.

Comparative electroencephalographic data on patients with
cancer, peptic ulcer, and other stomach diseases. Vrach.
delo no.3:247-249 Mr '59. (MIRA 12:6)

1. Kafedra obshchey khirurgii lechebnogo fakul'teta (zav. -
prof.Ye.D.Dvuzhil'naya) Odesskogo meditsinskogo instituta.
(ELECTROENCEPHALOGRAPHY) (STOMACH--DISEASES)

DVUZHIL'NAYA, *Yekaterina Danilovna*

[Electroencephalography in clinical surgery]Elektroentsefa-
lografiia v khirurgicheskoi klinike. Kiev, Gosmedizdat
USSR, 1962. 148 p. (MIRA 16:2)
(ELECTROENCEPHALOGRAPHY) (SURGERY, OPERATIVE)

DVUZHIL'NAYA, Ye.D., prof. (Odessa, ul. Podbel'skogo, d.47, kv.3);
SOKOLOVSKIY, A.M., assistant

Change in the protein fractions of blood serum in complicated
cholecystitis. Klin.khir. no.5:30-35 My '62. (MIRA 16:4)

1. Kafedra obshchey khirurgii (zav. - prof. Ye.D.Dvuzhil'naya)
lechebnogo fakul'teta Odesskogo meditsinskogo instituta.
(GALL BLADDER—DISEASES) (BLOOD PROTEINS)

DVYAKOV, S.P.

Handwritten initials

1876. Dvjakov, S. P., Interaction of shock waves with tangential and slight breaks (in Russian), *Doklady Akad. Nauk SSSR (N.S.)* 99, 6, 921-923, 1954.

Author merely lists the possible configurations arising from interactions between shock waves, contact surfaces, and weak disturbances in the case of two-dimensional steady flow. F. J. Berry, England

Handwritten mark

DE

DWARONAT, Alice, graduate biologist; Humboldt University, Institute of Parasitology and Veterinary-Medical Zoology (director: HIEPE, Th., Dr vet. med., professor) (Humboldt-Universität, Institut für Parasitologie und Veterinärmedizinische Zoologie), Berlin.

"Investigation of Ectogenous Stages of Helminths. 3. Experimental Study of the Life-Span of Miracidia of Fasciola Hepatica by the Consideration of Different External Factors."

Jena, Angeordnete Parasitologie, Vol 7, No 1, Feb 66, pages 31-38.

Abstract: [Author's English summary modified] An experimental study, made on the life-span of the miracidia of Fasciola hepatica under the influence of various external factors, is discussed. The oxygen concentration in the water as well as different temperature and light conditions were found to have a decisive influence on the life-span of the miracidia. The results of experiments to study the effect of the molluscicides HL 2448, copper sulfate and sodium pentachlorophenolate are analyzed. 2 Eastern European, 14 Western references. [Manuscript received 19 Feb 65.]

1/1

- 58 -

BIELICKI, Henryk, mgr., inz.; DWIGUBSKI, Witalis, inz.

Originating causes and evaluation of the vibrations and noise in roller bearings. Przegl mech 20 no.22:680-683 '61.

1. Centralne Biuro Konstrukcyjne Łozysk Toczących, Warszawa.

(Roller bearings) (Vibration)

DWMOWSKI, Gustaw

Behavior of the uropepsin level under the influence of ACTH and adrenal cortex hormones. Polski tygod. lek. 16 no.9:325-328 27 P '61.

1. Z I Kliniki Choro**z** Wewnetrznych A.M. w Lublinie; kierownik: prof. dr med. M. Kedra.

(CORTICOTROPIN pharmacol) (ADRENAL CORTEX HORMONES pharmacol)
(UROPEPSIN urine)

DWRAK, L.

DECEASED

1963/3

RESEARCH

(C1960)

DWORAK, Andrzej, mgr inz.; MOROZ, Zbigniew, inz.; ZIFLINSKI,
Ryszard, mgr inz.

The FYA-31^a milling machine with continuous numerical
control device. Techn lotn 19 no. 7:189-191 J1 '64.

1. Institute of Electrical Engineering, Warsaw.

BUC, Jerzy, mgr inz., st. asystent; DWORAK, Andrzej, mgr

Errors of program-controlled machine tools. Przegl mech
24 no.6:167-170 25 Mr '65.

1. Department of General and Aeronautic Mechanical Technology
of the Warsaw Technical University (for Buc). 2. Senior Designer
in the Institute of Electrical Engineering, Miedzylesie.

BOCHINSKI, Karol; DWORAK, Wlodzimierz; DYBICKI, Jerzy

Distreptase in the treatment of post-operative blood clots following extrapleural of extrafascial pneumothorax. Gruzlica 23 no.12:883-888 Dec 55.

1. Z Panstwowego Sanatorium Przeciwgruzicznego dla Mlodziezy w Dzierzaznie. Dyrektor: dr. W. Dworak, Dzierzazno, pow. Kartuzy, Panstwowe Sanatorium Przeciwgruziczne dla Mlodziezy.

(PNEUMOTHORAX, ARTIFICIAL

extrafascial & extrapleural, postop. hematoma ther. with streptokinase & streptodornase)

(HEMATOMA

postop., in extrafascial & extrapleural pneumothorax, streptokinase & streptodornase ther.)

(STREPTODORNASE AND STREPTOKINASE, ther. use

postop. hematoma in extrapleural & extrafascial pneumothorax)

DYBICKI, Jerzy; BOCHINSKI, Karol; DWORAK, Wlodzimierz

Extrascial pneumothorax as an adjuvant to thoracoplasty.
Gruzlica 24 no.5:371-377 May 56.

1. Z Sanatorium Przeciwwgruzliczego dla Mlodziezy w Dsierzaznie
Dyrektor: dr. W. Dworak.

(COLLAPSE THERAPY,

thoracoplasty with extrascial pneumothorax (Pol))

(PNEUMOTHORAX,

extrascial, with thoracoplasty (Pol))

DWORAK, Włodzisław; DZIERZAZNIE
DWORAK, Włodzisław; DYBICKI, Jerzy; BOCHINSKI, Karol

Nontuberculous lesions in the lungs of patients erroneously directed to the sanatorium. Gruzlica 25 no.7:587-593 July 57.

1. Z Sanatorium Przeciwgruzliczego dla Młodzieży w Dzierżaznie Dyrektor: dr Wł Dworak. Adres: Sanatorium w Dzierżaznie.

(LUNG DISEASES, differ. diag.
puls. tuberc. (Pol))

(TUBERCULOSIS, PULMONARY, differ. diag.
lung dis., nontuberc. (Pol))

DYBICZY, Jerzy; DWORAK, Włodzimierz

Perlon plompage in therapy of cavity of the lower lobes. Gruzlica 27
no.2:147-150 Feb 59.

1. Z Sanatorium Przecwgruzliczego dla Młodzieży w Dzierżaznie Dyrektor:
dr W. Dworak . Adres: Gdansk-Wrzeszcz, ul. Fahrenheita 4.

(TUBERCULOSIS, PULMONARY, pathol.

cavitation of lower lobes, perlon plompage (Pol))

DYBICKI, Jerzy; DWORAK, Włodzimierz; BOCHINSKI, Karol

Extramusculo-periosteal pneumothorax in the treatment of cavernous tuberculosis in adolescents. Gruzlica 28 no.3:211-218 Mr.'60.

1. Z II Kliniki Chirurgicznej A.M. w Gdanku. Dyrektor: prof.dr K. Debicki. Z Państwowego Sanatorium Przeciwgruzliczego dla Młodzieży w Dziarszynie. Dyrektor: dr W. Dworak.
(PNEUMOTHORAX ARTIFICIAL in adolescence)

MURCZYNSKA, Wanda; GREC, Stefan; KRYGIER, Aleksandra; TUSTANOWSKI, Stanislaw;
DWORAK, Włodzimierz

Early immunological reactions in tuberculosis studied with bacilli
labeled with the isotope P32. Gruzlica 29 no.10:841-890 0 '61.

1. Z Zakładu Mikrobiologii PAM w Szczecinie Kierownik: prof. dr
W.Murczynska Z Osrodka Izotopowego PAM w Szczecinie Kierownik: prof.
dr C.Murczynski Z Zakładu Anatomii Patologicznej PAM w Szczecinie
Kierownik: prof. dr K.Stojalowski.

(MYCOBACTERIUM TUBERCULOSIS) (PHOSPHORUS radioactive)
(TUBERCULIN REACTION)

SZCZYGIELSKI, Leszek; DYBICKI, Jerzy; BOCHINSKI, Karol; DWORAK,
Włodzimierz; STAROSCIAK, Tadeusz; MOLESTA, Jadwiga

Notes on the function of the respiratory system following
extensive bilateral pulmonary resection (in bronchiectasis).
Gruslica 30 no.10:965-970 '62.

1. Z II Kliniki Chirurgicznej AM w Gdansk Kierownik: prof.
dr med. K. Debicki i Sanatorium Przeciwgrusliczego dla
Młodzieży w Dzierżanowie Kierownik: dr med. W. Dworak.
(BRONCHIECTASIS) (PNEUMONECTOMY)
(RESPIRATORY FUNCTION TESTS)

NARKIEWICZ, Mirosława; DYBICKI, Jerzy; BOJ, Ewa; BARTOSZEWICZ, Tadeusz;
BOCHINSKI, Karol; SZCZYGIELSKI, Leszek; MOLESKA, Janina;
DWORAK, Włodzimierz

Apropos of the malignancy of so-called bronchial adenomas.
Gruzlica 32 no.3:243-249 Mr '64.

1. Z II Kliniki Chirurgicznej (Kierownik: prof. dr. K. Debicki)
i z Zakładu Anatomii Patologicznej (Kierownik: prof. dr. W.
Czarnecki [deceased] oraz z Sanatorium Przeciwgruzliczego dla
Młodzieży w Dzierżynie (Kierownik: dr. W. Dworak).

DYBICKI, Jerzy; BOJ, Ewa; DWORAK, Włodzimierz; SZCZYGIELSKI, Leszek;
MOLESTA, Jadwiga; BOCHINSKI, Karol

Studies on reactions of the bronchial wall to some types of
thread used in surgery in dogs. Gruzlica 32 no.10:915-922
O '64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Gdansk
(Kierownik: prof. dr. K. Debicki); z Zakładu Anatomii patologicznej
Akademii Medycznej w Gdansk (Kierownik: prof. dr. W. Czarnocki);
i z Sanatorium Przeciwguzliczego dla Mlodziezy w Dzierzaznie
(Kierownik: dr. W. Dworak).

BOJ, Ewa; DYBICKI, Jerzy; DWORAK, Włodzimierz; SZCZYCIELSKI, Leszek;
MOLESTA, Jadwiga; SZELEZYNSKI, Kazimierz

Studies on the appearance of bronchial fistulae following the
excision of tuberculous pulmonary tissues in adolescents and
young adults. Pol. przegl chir. 36 no.7:905-916 Je '64.

1. Z Zakładu Anatomii Patologicznej AMG (Kierownik: prof.
dr W. Czarnocki) i z II Kliniki Chirurgicznej AMG (Kierownik:
prof. dr K. Febicki) i Państw. Sanatorium Przeciwgruzliczego
dla Młodzieży w Dzierżynie Kierownik: dr W. Dworak.

TARASZKIEWICZ, Stanislaw; DWORAK, Wlodzimierz

Perirenal abscess caused by *Nocardia asteroides*. Pol. tyg. lek.
20 no.8:285-286 22 F'65.

1. Z Kliniki Urologicznej Pomorskiej Akademii Medycznej w
Szczecinie (kierownik: doc. dr. A. Wojewski) i z Zakładu
Mikrobiologii Pomorskiej Akademii Medycznej w Szczecinie
(kierownik: prof. dr. W. Murczynska).

LAPINSKA, Jozefina; oraz wspolpracownicy: BANASZKIEWICZ, Halina;
STALINSKA, Elzbieta; DOBRUCKA-KOKINSKO, Ewa; KALINOWSKI, Jan;
KROSNIAK, Franciszka; GWOZDZ, Jozef; LUTZ, Hanna; LUTZ, Jerzy;
DWORAK, Wlodosimierz; NARUSZEWICZ, Wanda

The efficiency of occupational rehabilitation in sanatoria
for young people. Gruzlica 33 no.4:323-332 Ap '65.

1. Z Zespołu Nadzoru Specjalistycznego Instytutu Gruzlicy
(Kierownik: lek. A. Kwiekowa) (for Lapinska).
2. Sanatorium
w Lagiewnikach (for Banasziewicz, Stalinska).
3. Sanatorium
im. Okrzei w Otwocku (for Dobrucka-Kokinsko, Kalinowski).
4. Sanatorium w Istebnej (for Krosniak, Gwozdz).
5. Sanatorium
w Dziekanowie Lesnym (for H. Lutz, J. Lutz).
6. Sanatorium w
Dzierzaznie (for Dworak, Naruszewicz).

DWORAK, Zbigniew

Calcium, phosphorus, iron and some trace elements in tap water in the Szczecin Region. Roczn. pom. akad. med. Swierczewski. 8:161-180 '62.

1. Z Zakladu Higieny Pomorskiej Akademii Medycznej Kierownik: doc. dr med. I. Cwojdzinska-Gadzikiewicz.

(WATER SUPPLY) (CALCIUM) (PHOSPHORUS)
(IRON) (TRACE ELEMENTS)

Dworakowski, J.

"Conveyors in the Production of Case and Bentwood Furniture", p. 257, (PRZEMYSŁ DRZEWNY, Vol. 3, #9, September, 1952, Warszawa, Poland)

So: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August, 1953
Uncl.

DWORAKOWSKI, J.

"Means of Improving the Work of a Dry Kin in the Lumber Industry", p. 24,
(PRZEMYSŁ DRZEWNY, Vol. 5, No. 9, Sept. 1954, Warszawa, Poland)

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

WCRAKOWSKI, J.

DWCRAKOWSKI, J. Method of calculating the time for drying and moistening
lumber. p. 252.

Vol. 6, No. 9, Sept. 1955
PRZEMYSŁ DRZEWNY
TECHNOLOGI
Warszawa, Poland

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

Country : Poland H-29
Category= : Chemical Technology. Chemical Products and Their
Applications--Synthetic polymers. Plastics.
Abs, Jour. : Referat Zhur--Khim., No 11, 1959 40646

Author : Dworakowski, J.
Institut. : Not given
Title : Plastics in the Wood-Working Industry

Orig. Pub. : Technik Drzewn, No 2, 261-264 (1958)

Abstract : Plastics find wide application in the wood-working industry, either in combination with wood (plywood sheets, combinations of wood with varnish-impregnated fiberglas materials) or in pure form as wood substitutes (construction materials, linoleum, translucent roofing materials, wall facing materials, interior decorating materials, toys, handles, etc.). The author lists the basic types of plastics and synthetic glues used in the wood-working industry.

L. Sedov

Card: 1/1

H-159

GWIAZDOWSKI, Bohdan; MAJENKA, Irena, DWORAKOWSKI, Marian; MACKIEWICZ,
Henryk.

Physical aspects of cuneiform filters for the cobalt-60 tele-
therapy apparatus. Nowotwory 13 no.4:359-365 G-D'63.

1. Z Zakladu Fizyki Instytutu Onkologii im. Marii Sklodowskiej-
Curie w Warszawie. Kierownik: mgr. inz. J.Malesa; dyrektor:
prof.dr.med. W.Jasinski.

*

DWORCZYK, K.

Directives for development of welding in the years 1955-1960 in the light of the order of the Presidium of the Government, January 29, 1955. p. 105.
PRZEGLAD SPAWALNICTWA, Warszawa, Vol. 7, no. 5, May 1955.

EO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

CZERNIAWSKI, J., inż.; DWORCZYK, M., inż. [translator]

Participation of the employees in the mobilization of internal production reserves. Mechanik 34 no.10:502-504 '61.

1. Instytut Organizacyjny Przemysłu Maszynowego, Warszawa (for Dworczyk).

DWORCZYK, Stanislaw, inz.

Washing of machine parts. Mechanik 37 no.5:274 My'64.

MEISEL-MIKOLAJCZYK, F.; DWORCZYNSKI, A.

Polysaccharides isolated from *Clostridium histolyticum*. Pt. 2.
Bul Ac Pol biol 11 no.7:327-331 '63.

1. Department of Medical Microbiology, School of Medicine,
Warsaw. Presented by E. Mikulaszek.

ROSZKOWSKI, Ireneusz; DWORCZYNSKI, Andrzej; KRETOWICZ, Janusz;
TROSZYNSKI, Michał

Inflammatory conditions of the vagina and inflammation of the
urinary tract. Ginek. pol. 34 no.3:365-370 '63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Warszawie
Kierownik: prof. dr med. I. Roszkowski i z Zakładu Mikrobiologii
Lekarskiej w Warszawie Kierownik: prof. dr med. E. Mikulaszek.
(CERVICITIS) (VAGINITIS)
(PREGNANCY COMPLICATIONS, INFECTIOUS)
(URINARY TRACT INFECTIONS)
(PYELONEPHRITIS)

SGHITTEK , Ferdinand G.; DWORCZYNSKI, Andrzej

Clinical and bacteriological studies on the effect of the preparation "Negram" in urological diseases. Pol. tyg. lek. 19 no.49:1896-1898 7 D '64

1. Z Kliniki Urologicznej Akademii Medycznej w Warszawie (kierownik prof. dr. med. Stefan Wesolowski) i z Zakladu Mikrobiologii Akademii Medycznej w Warszawie (kierownik prof. dr. med. Edmund Mikulaszek).

DWORNICKA, B.; JASIENSKA, A.; SMOLARZ, W.; WAWRYK, R.:

Attempted determination of fetal reactions to acoustic stimuli.
Otolaryng. pol. 17 no.4:372-373 '63.

1. Z Kliniki Laryngologicznej Sl. Akademii Medycznej. Kierownik:
prof.dr. T.Ceypek.

*

KOSMIDER, Stanislaw; DWORNICKI, Jerzy

A case of pulmonary hemorrhage as a manifestation of Rendu-Osler disease. Wiad. lek. 18 no.8:685-687 15 Ap'65.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii Medycznej w Zabrze (Kierownik: prof. dr. med. W. Zahorski).

DWORNICZEK, Jan

Chelmek celebrates its 30th anniversary. Przegl skorzany
17 no.1:23-24 Ja '62.

1. Poludniowe Zaklady Skorzane Chelmek.

HUNGARY

LINDNER, Karoly, Dr, DWORSCHAK, Erno, Dr, TARJAN, Robert, Dr; National Institute of Food and Nutrition (director: TARJAN, Robert, Dr) (Orszagos Elelmezes- es Taplalkozastudomanyi Intezet).

"The Potassium, Sodium, Calcium and Magnesium Content of Cardiac Muscle in Man."

Budapest, Orvosi Hetilap, Vol 108, No 11, 12 Mar 67, pages 493-495.

Abstract: [Authors' Hungarian summary] The amount of K, Na, Ca and Mg present in the muscles of the ventricle was studied in subjects who died suddenly from accidents, suicide or other causes. On the basis of the study, the K level of the heart of young males is higher than that of females of the same age group or of older males. The heart of young males contains less Ca than that of young females. The Ca content of the cardiac muscles of young males increases with advancing age but it will not exceed the values obtained in young females. The alkali and earth alkali metal composition of the female cardiac muscle varies with age. Cardiac damage (infarct, insufficiency) sustained by the advanced age group does not result in a change in the content of the metals studied in the total ventricular muscle tissue. 9 Hungarian, 10 Western references.

1/1

JACOBSKI, J.

Technological characteristics of grinding machines. p. 414.

MECHANIK Vol. 28, no. 11, Nov. 1955

Poland

so. EAST EUROPEAN ACADEMICS LIST Vol. 6, no. 10 Oct. 1956

DWORSKI, Mieczyslaw; KOZARSKA, Jadwiga

Vegetative seizures of central origin. Neurol. neurochir. psychiat.
pol. 12 no.1:79-85 '62.

1. Z Kliniki Psychiatrycznej AM we Wrocławiu Kierownik: doc. dr M.
Demianowska.

(AUTONOMIC NERVOUS SYSTEM dis)
(CENTRAL NERVOUS SYSTEM dis)

DWORSKI, Mieczyslaw; KOZARSKA, Jadwiga

EEG and pneumoencephalographic studies on a case of epileptic mental disorders. Neurol. neurochir. psychiat. pol. 12 no.4:623-626 '62.

1. Z Kliniki Psychiatrycznej AM we Wroclawiu. Kierownik: doc. dr
M. Demianowska.

(EPILEPSY)

(ELECTROENCEPHALOGRAPHY)

(VENTRICULOGRAPHY)

(MENTAL DISORDERS)

DWORSKI, Mieczyslaw; KOZARSKA, Jadwiga

A case of psychic disturbances of epileptic type in the light
of EEG examinations and the pneumoencephalogram. Neurol
neurochir psych 12 no.4:623-626 J1-Ag '62.

1. Klinika Psychiatryczna, Akademia Medyczna, Wroclaw. Kierownik:
doc. dr M. Demianowska.

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KOZARSKA, Jadwiga; DWORSKI, Mieczyslaw

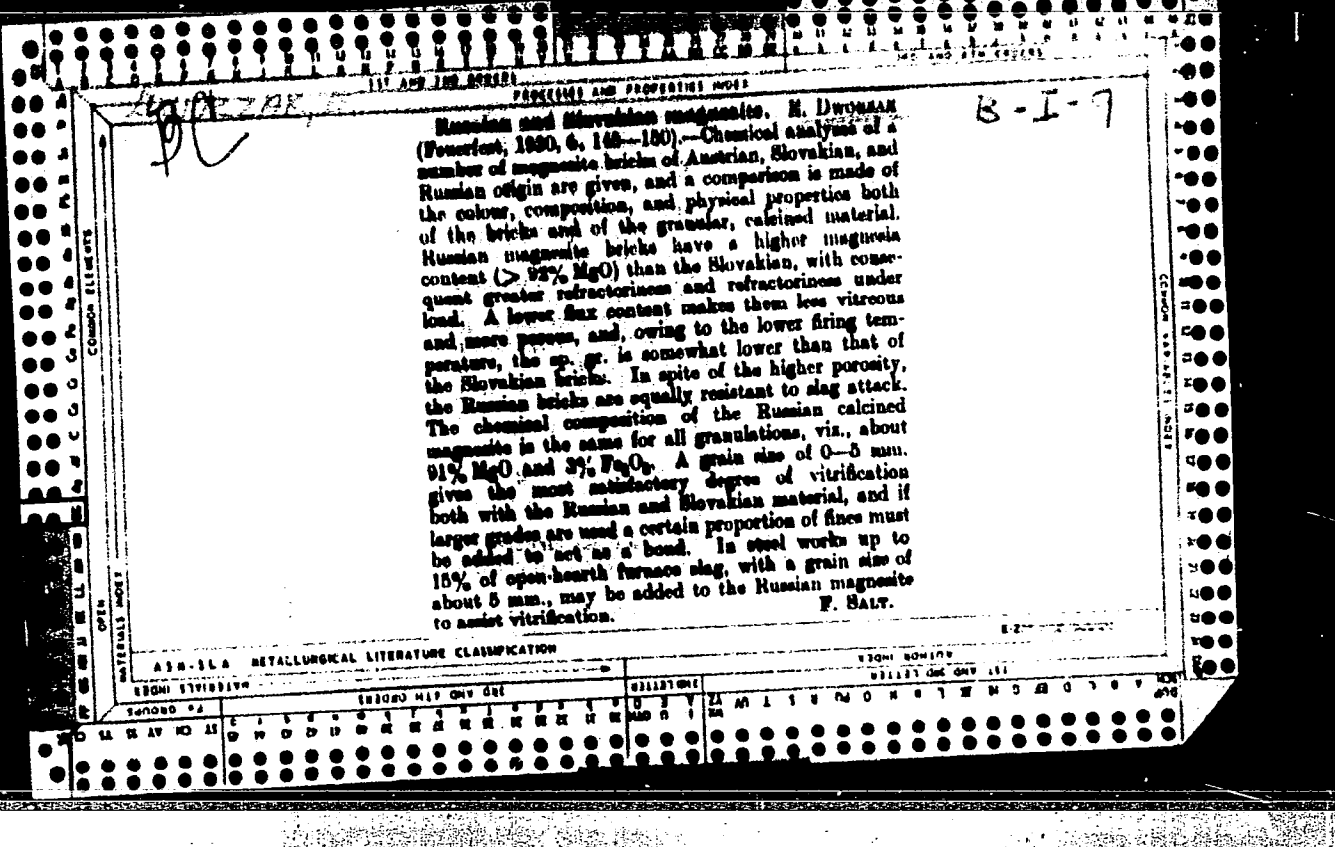
Unusual cases of prehypnotic stupor (so-called hypnotic ecstasy
in psychiatric legal expertise. Neurol. neurochir. psychiat.
pol. 13 no.4:561-566 '63.

1. Z Kliniki Psychiatrycznej AM we Wroclawiu Kierownik: doc.
dr M. Demianowska.

(UNCONSCIOUSNESS) (HOMICIDE)
(JURISPRUDENCE) (PSYCHIATRY)

HAUS, Ber; DWORZAK, Barbara

Influence of the scope of production series on productivity and wages.
Przem drzewny 13 no.4:18-19 Ar '62.



1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

B-I-5

BC

Economical pickling of sheet iron. K DWORCZAK
 (Przemysl Chem., 1950 14, 361-373).—For pickling
 1 ton of sheet iron, 1 mm. thick, with sulphuric acid,
 60 kg. of 15% acid are required, and 2-3% of the metal
 is dissolved; the addition of such preparations as naph-
 thalenesulphonic acid or "Vogel's economiser" inhibits
 the reaction. In the presence of the latter reagent
 only 17 kg. of sulphuric acid are required, and only
 0-70% of iron is dissolved. Pickling at the optimum
 temperature (30°) is complete in 30 min.
 R. TRUSKOWSKI.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS
 COMMON VARIABLES INDEX
 OPEN MATERIALS INDEX

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

2/2 Duorazk, E.

10 per cent aluminium, will, after it has been annealed for 24 hours at a temperature of 1000°C, be comparatively malleable — an average of 0.5 per cent. Similar grades of cast-iron annealed at a temperature of 1150°C reveal an average elongation of 1.8%. The cast-iron to which aluminium was added contained an average of 0.1%. The property accounts for the 1.8% increment in length. Cast-iron containing aluminium is highly resistant to fire. The form of oxide which appears is thin and adheres well to the material. In contrast, the layer of ferric oxides formed on the surface of cast-iron containing 2% chromium was thick; it cracked and broke away from the material. Cast-iron with a high chromium content can, for work in temperatures up to 1100°C, be used as a fire-resisting material, while cast-iron containing aluminium can be used for work in temperatures of up to 1100°C. Aluminium is less expensive than chromium. Moreover, since the specific gravity of cast-iron containing 25% aluminium amounts to roughly 7.4 g/cm³, the weight of various castings made from such iron to work in high temperatures will be appreciably reduced. Cast-iron containing more than 10 per cent aluminium is non-magnetic.

13

DWORZAK, E.

12

3776

669.55.71 : 629.191.2

Dworzak E., Przystupinski H. Corrosion Properties of ZnAl Alloys. MG

"Własności korozyjne stopów typu ZnAl". Przegląd Mechaniczny. No. 11, 1954, pp. 346-350, 14 figs., 4 tabs.

With a view to effecting savings on scarce non-ferrous metals in industry the ZnAl alloys (mostly of composition Al — 3.5-4%, Cu — 0.1%, Mg — 0.02-0.05%) are being used. At the Metal Technology Department of the Wrocław Polytechnic investigations have been carried out with the following objects: to establish the rate of corrosion in relation to the quantity of foreign metal present; to investigate the influence of stresses in the alloy on the progress of inter-crystalline corrosion; and to establish the progress of corrosion when the alloy is in contact with Cu, Pb, and cast-iron. It was proved that the foreign matter such as Pb, Sn, Cd decreases the capacity of the alloy to withstand corrosion; Pb, in particular, influences the inter-crystalline corrosion. Investigations carried out with ZnAl4 alloy parts in contact with other metals showed that in every case direct contact with metals such as Pb, Cu and cast-iron increases corrosion, lead being in this case the most injurious of metals. While under mechanical stress, the ZnAl4 alloy submits to corrosion five times more rapidly than under normal working conditions.

of ①

DWORZAK; E.

no. 112-114, 2 figs., 1 tab.

An investigation of a possibility of...

DWORZAK, E.; GRONOSTAJSKI, J.

Heat-treated spheroidal cast iron and its use for wheels of narrow gauge cars.
p. 519.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich) Warszawa, Poland, Vol. 18, no. 16, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

13C

PROCESSES AND PROPERTIES INDEX

Determination of total alkalis and micro-gravimetric determination of sodium as sodium magnesium uranyl acetate. (Micro-analysis of mineral waters.) R. DWORAK and A. FRIEDRICH-LIEBOWITZ (Mikrochim. Acta, 1937, 1, 188-193).— Li, K, and Na sulphates are stable at 700°, and are non-hygroscopic, and suitable for determining total alkalis. 5 c.c. of mineral H₂O are evaporated with HCl to render SiO₂ insol. The residue is dissolved in H₂O and filtered into a Ca(OH)₂ suspension, which is boiled for 20-30 min. to ppt. all other ions. Ca is pptd. from the resulting solution by treatment with (NH₄)₂CO₃ and then (NH₄)₂C₂O₄. The residue is evaporated with H₂SO₄ and ignited at 700°. Na may be pptd. directly as Na Mg UO₂ acetate from most mineral waters without interference from other ions in the relative concns. usually found. The influence of other ions on the pptn. of Na is discussed.

J. S. A.

ASME S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

L. WOREZAK, P.

BC

A-1

PROPERTIES AND PROPERTIES INDEX

Determination of potassium with the magnesium salt of dipicrylamine. Micro-determination of potassium and a separation of potassium and sodium. R. DRYGON and H. HALLEND (Mikrochem., 1959, 28, 233--242).—K can be determined satisfactorily by pptn. with the Mg salt of hexanitrodipicrylamine (dipicrylamine) (HM) if +50% excess of pure $MgCl_2$ is used. Pptn. is preferably effected hot and the solution is kept ~12 hr. before filtration. The ppt. is rinsed with the filtrate and is washed only with small amounts of pure dry Et_2O until this remains colorless. It is dried for 30 min. at 85–90° and cooled over P_2O_5 . In the micro-determination solutions saturated with KR are used. In presence of a large excess of Na or Li the solution is warmed (water-bath), with addition of further aq. $MgCl_2$ if necessary, until the KR which is at first pptd. redissolves completely. After allowing the solution to cool during 7 hr. it is kept for 3 days and then filtered, the ppt. being washed with small amounts of 0.07N- $MgCl_2$ saturated with KR, and then with a little Et_2O before drying at 85–95° and weighing. This method permits accurate determination of K in presence of 100 times its concn. of Na.

J. W. S.

ASH. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

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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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

C.A.
DWOZZAK, R

A new preparation of lactic aldehyde in inactive and optically active forms. R. Dwozzak and H. Zeller. Monatsb. 88, 401-10(1919). Model expts. with glycine to prep. Schiff bases of AcH. iso-PrCHO (I), PrCHO, and glycerinaldehyde with o-H₂NC₆H₄COH yielded unsatisfactory products, even though it was shown that the aldehyde could be regenerated by holding the Schiff base with HCl. I and II, and t-H₂NC₆H₄COH yielded similar products. The 2-carboxyphenylhydrazones also were not satisfactory. Preliminary attempts to reduce racemic MeC₄H₉COCHO (II) by the Rosenmund reduction method showed that conditions at temps. of boiling xylene for 24 hrs. with Pd catalysts were important. Optically active lactic anhyd. purified by vacuum distn., [α]_D²⁰ -3.82°. II, b₁ -23.2 g. II in 60 cc. xylene heated 3 times with 0.35 g. Pt-asbestos catalyst in the presence of H for 24 hrs. The theoretical amt. of HCl was split off, and the acetyl group was reduced to AcH. Lactaldehyde. [α]_D²⁰ -2.65°. Walton J. Smith

DWORZAŃSKA, K.

Content of sulfur compounds in benzene and related products. Krystyna Dworzańska. *Chemik* (Gliwice) 12, 100-2(1959).—D. analyzed Polish benzene and related coking products for total S and S compds. Crude benzene, refined light benzene, pure benzene, pure toluene, pure xylene, motor-grade benzene for export, and purified xylene contain total S 0.2-0.3, 0.1-0.12, 0.04-0.09, 0.005-0.01, 0.1-0.2, and 0%, resp.; thiophene 0.25-0.3, 0.12, 0.15-0.2, 0.008-0.03, 0.00015, 0.15, and 0.0002%, resp.; CS₂ 0.14-0.20, 0.10, 0.002, 0.00007, 0.04-0.09, and 0%, resp.; mercaptan S and free S 0.002, 0.001, 0.00045, 0.0002, 0.0005, 0.0004-0.0006, and 0.0001%, resp. P. J. Hendel

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1E3d

DWORZANSKI, J.

Our political- educational activities. p. 2.

ROLNIK SPOKDZIELCA. (Centrala Rolniczej Spolkzielni "Samopomoc Chlopska")
Warszawa, Poland. Vol. 8, no. 37, Sept. 1955.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

DWORZANSKI, Walerian

Protective clothing made of synthetic fibers. Chemik 16 no.6:
158-161 Je '63.

DWORZANSKI, R.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 11, Nov. 1958.

DWORZANSKI, R. Control-measurement service in the chemical industries. p. 372.

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

DWORZECKI, A.

"A Problem of Production Potential." p.269
(PRZEMYSŁ ROLNY I SPOZYWCZY Vol. 7, no. 8, August 1953 Warszawa, Poland)

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

SA
DYOSKIN, N.I.

B 64
f

279 621.315.17 - 82
Provision of temporary means of transmission lines for
quick restoration of electrical supply. *GETZMAN,*
M. A., AND *DRAGUNOV, L. A.* *Elektr. St., Nos. 15-16,*
pp. 6-8, Aug., 1961.—New "Technical Conditions"
have been issued, owing to the urgency of restoring
the electric supply in cases of air raids, etc. Simplified
rules and a lower safety coeff. are permitted. S. S.

POLAND / Virology--Plant Viruses

E

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94832

Author : Kozłowska, A., Dwurazna, M., Maj, Z.

Inst : Not given

Title : X-Virus in Potato and the Y-Virus. Diagnostic Methods

Orig Pub: Roczn. nauk rolniczych, 1956, D77, 82 s., il.

Abstract: Results are reported of seven-year investigations in Poland of X and Y potato viruses. Data are cited on the irregular concentration of X- and Y-viruses in separate organs of the plant. The Y-virus switches to an open form when potatoes are raised in high mountain conditions in especially arid and sunny years. In view of the

Card 1/2

Country : POLAND
Category : Plant Diseases. Diseases of Cultivated Plants. 0

Abs Jour : RZhBiol., No 6, 1959, No 25208

Author : Dwurazna, M.
Inst : -

Title : Distribution of Potato Fungus Diseases in the
Region of Krakow.

Orig Pub : Roczn. nauk rolniczych, 1957, D78, 145-158

Abstract : As a result of 7-year investigation of the development of diseases of potato varieties, which had been imported into Krakow from Pomorze, the author came to the conclusion that the intense development of *Phytophthora infestans* is caused by increased humidity and the absence, or a slight infection, of the potato by the virus disease. Plants, which had been infected by virus, were not infected with

Card : 1/2

7

DY, J.

Third annual meeting of the Scientific Technical Society for Electrical Engineering in Plzen. p.394

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkého strojírenství a Československé vědecká technická společnost pro elektrotechniku při Československé akademii věd) Praha, Czechoslovakia
Vol.48, no.7, July 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
Nov. 1959
Uncl.

DY DJU

DYABIN, P.I.

Therapy and prophylaxis of sexual organ diseases in bulls.
Veterinariia 41 no.2:84-86 F '65. (MIRA 18:3)

1. Starshiy veterinarnyy vrach Krymskoy oblastnoy gosudarstvennoy plemennoy stantsii.

DYABKIN, K., inzh.

Engines should be tested during overloading. Mor. flot
22 no.9:30-31 S '62. (MIRA 15:12)
(Marine engines--Testing)

AKOCEL'BAND, A., kand. tekhn. nauk; BYABELL, E.; KIROVSKIY, D.; PETOYAN, G.

Ultrasound in the technology of manufacturing parts of the fuel
system. Mor. flot 25 no.9:30-31 1965. (MIRA 18:9)

DYABLOVA, L.D., Cand Tech Sci--(Cand) "Processes of ^{acid} heat treatment
of ~~removing products from~~ ^{serum articles made of} wool fabrics with caprone." Nov, 1958. 23 pp with
graphs (Min of Higher Education USSR. Nov Technological Inst of Light In-
dustry), 100 copies (MI, 31-58, 103)

- 53 -

DYABELOVA, I.D., kand. tekhn. nauk

Developing an efficient method for edge creasing on garment parts in the assembly of subassemblies by means of ahesive powder. Nauch.-issl. trudy TSNIShveiproma no.11: 8-162
(NII 17:7)

DYABLOVA, L.D., kand. tekhn. nauk

Intensification of the steam treatment of garments. Nauch.-issl.
trudy TSNIIShveiproma no.12:42-57 '63.

(MIRA 17:9)

PROCESSES AND PROPERTIES INDEX

CL

114

The influence of veratrine on the potassium contraction of striated muscle. P. E. Dyablova (Leningrad Pediatr. Inst.), *J. Physiol.* (U.S.S.R.) 32, 647-50 (1946) (in Russian).—The present work confirms Bacq's observations (*C.A.* 34, 51681) concerning the sensitization of stomach muscle to K ions under the influence of veratrine. Even in diln. of 1:1,000,000 the latter aids the muscle contraction in the presence of subthreshold concns. of K. The contraction is characterized not only by duration but also by its amplitude (charts are presented). Procaine, which lowers the muscle contraction, was also investigated and was found to reduce contraction even in concn. of 1:50,000. It is concluded that org. cations may significantly affect the physiol. effects of inorg. cations.

G. M. Kosolapoff

ASB-5 LA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS GROUPS

LETTERS

1ST AND 2ND ORDERS

1ST AND 4TH ORDERS

DYABLOVA, P. YE.

PA 156T63

USSR/Medicine - Nervous System Muscles 1 Nov 49

"Two Variants of the Sensitization of a Muscle to Potassium Ions," P. Ye. Dyablova, Leningrad Pediatric Inst, 2 $\frac{1}{2}$ pp

"Dok Ak Nauk SSSR" Vol LXIX, No 1

Experiments show abrupt increase in potassium contracture under influence of guanidine is connected with normal state of neuromuscular synapse and disappears during degeneration of motor nerve or curarization of muscle. Neither degeneration nor curarization lessened veratrine

156T63

USSR/Medicine - Nervous System 1 Nov 49
(Contd)

sensitization to potassium ions. It must, therefore, be assumed that veratrine effects muscular substance itself. Hence, sensitization to potassium ions can proceed inside and outside synaptic region, and various pharmacological agents have selective action on these functionally different parts of a muscle. Submitted by Acad L. A. Orbeli 31 Aug 49.

156T63

CA

114

The effect of denervation of skeletal muscles on sensitization to potassium ions caused by guanidine, tetraethylammonium salts, aminopyridine, and veratrine. P. K. Dyabova (Physiol. Med. Inst., Leningrad). *Fiziol. Zhurn. S.S.S.R.*, 37, 351-7(1951).—Expts. with isolated frog muscle specimens kept in Ringer soln. showed that a concn. of 1:100,000-200,000 of 2-aminopyridine or R₄N salts or a concn. of 1:15,000-20,000 of guanidine causes considerable sensitization of the muscle to KCl. This sensitization to K ions disappears after curarization and extended denervation of the muscle. Veratrine(1:1,000,000) induced sensitization that does not vanish and is regarded as being a property of the muscle per se; the other 3 are sensitizing the neuromuscular synapses.
G. M. Kosolapoff