

ACCESSION NR: AP4038911

R/0003/64/015/004/0183/0190

AUTHOR: Paltin, Edith; Panaitescu, Maria; Weinberg, Maria; Biazzi, Felicia

TITLE: Epoxydation of olefinic compounds II. Epoxy-hexahydrophthalates, modern plasticizers

SOURCE: Revista de chimie, v. 15, no. 4, 1964, 183-190

TOPIC TAGS: plasticizer, epoxyhexahydrophthalic ester, butadiene, maleic anhydride, butanol, hexanol, isooctanol, 2-ethylhexanol, peracetic acid, polyvinyl chloride, thermal stability, light resistance, reaction condition, kinetics

ABSTRACT: Epoxy plasticizers belonging to the epoxyhexahydrophthalates type have efficiency, compatibility and electrical characteristics, similar to dioctylphthalate but are superior as light and thermal resistance and cold flexibility. The epoxy esters of the tetrahydrophthalic anhydride are suitable for use as plasticizers in vinylic resins. These esters represent a combination of properties of the phthalates, excellent plasticizers, and epoxy compounds with high heat and

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light resistance and flexibility at low temperatures. The epoxyhexahydrophthalate esters are synthesized from butadiene in Diels-Alder condensation with maleic anhydride; the resulting cis- $\Delta^4$ -tetrahydrophthalic anhydride is transformed in a difunctional ester in reaction with an aliphatic alcohol (butanol, hexanol, isooctanol, 2-ethylhexanol). The diester is epoxydized with peracetic acid or with formic acid "in situ". Detailed experimental conditions are described for each of the three stages, covering variations in molar ratio, temperature, catalyst and reaction time. The epoxyhexahydrophthalates have been tested as plasticizers on polyvinyl chloride by measuring the fusion point for the polymer-plasticizer mixture, compatibility, volatility and absorption, efficiency, thermal stability, ultraviolet resistance and electrical characteristics.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: GC

NO REF SOV: 000

OTHER: 006

Card 2/2

WEINBERG, Mario; PELTIN, Edilio

Epoxidation of olefinic compounds. Pt. 3. Rev chimie Min petr 15  
no.6:338-341 - Je 1964.

WEINBERG, MEDEEA

SURNAME, Given Names

3

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine, Vol X,  
No 11, 1961, pp 1343-1350.

Data: "Studies on the Biology and Ecology of the Asilidae (Diptera,  
Asilidae)."

Authors:

IONESCU, M. A., Corresponding Member of the Academy of the R.P.R.  
(Membru Corespondent al Academiei RPR).

WEINBERG, Medeea

IONESCU, M.A.; WEINBERG, Medeea

Fam. Nemestrinidae, a new family of Diptera in the fauna of  
Rumania. Comunicarile AR 12 no.8:937-941 Ag '62.

1. Membru corespondent al Academiei R.P.R. (for Ionescu).

IONESCU, M. A.; WEINBERG, Medeea

Contributions to the knowlege of the taxonomic characteristics  
of some robber flies (Laphria Meigen, Diptera Asilidae).

Rev biol 8 no. 1: 83-88 '63.

1. Korrespondierendes Mitglied der Akademie der RVR;  
Institut fur Biologie "Tr. Savulescu" der Akademie der  
RVR, Naturhistorisches Museum "Gr. Antipa".

IONESCU, M.A.; WEINBERG, Medeea

Some dipterous insects (fam. Asilidae) from the collection of  
the Bruckenthal Museum-Sibiu. Trav Muz. Nat 4:291-314 '63.

KOZIOŁOWA-LIPSKA, Halina; WEINEERG-ONICHIMOWSKA, Danuta

Phenacetin syndrome. Pol. arch. med. wewnet. 34 no.11:1483-1488  
'64.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. med. T. Orłowski).



WEINBERGER-PREDOI, St., ing.

Reprocessing polyester fibers blended with Rumanian wool in  
worsted spinning. Ind text Rum 15 no.11:603-604 N '64.

1. "Octombrie rosu" Spinning Mills, Ghimbav.

WEINBERGER-PREDOI, St., ing.; FRUHN, H., ing.

Complete utilization of production capacity at the  
"Octombrie rosu" spinning mills, Ghimbav. Ind text Rum no.5:259-260  
My '64.

1. "Octombrie rosu" Spinning Mills, Ghimbav.

LEVI, M.I.; SUCHKOV, Yu.G.; ORLOVA, G.M.; GERASYUK, L.G.; SHKODA, A.M.;  
PEYSAKHIS, L.A.; STOGOVA, A.N.; LOPATINA, N.F.; SUKHARNIKOVA, N.A.;  
PAK, C.Y.; MUMINOV, K.M.; DONSKAYA, T.H.; HASSONOV, L.C.; WEINBLAT,  
V.I.; MURTAZANOVA, E.S.; SHELMAN, A.I.; LAVRENTEV, A.F.; BASOVA,  
N.N.; KULOV, G.I.; GOLKOVSKY, G.M.; SALAMANOV, N.I.; ZALYGINA, N.I.

Significance of serological methods in the epizootological study  
of plague in wild rodents. J. hyg. epidem. (Praha) 8 no.4:422-427  
'64.

1. Institute of Scientific Research, Rostov on the Don and Central  
Asian Institute of Scientific Research, U.S.S.R.

WEINBRENNER, Leopold; ROBACZYNSKA, Gabriela

Observations on the influence of occupation on the weight  
of newborn infant. Med. pracy 16 no.3:242-245 '65.

1. Z I Kliniki Położnictwa i Chorob Kobięcych AM we Wrocławiu  
(Kierownik: prof. dr. K. Nowosad).

WEINBRENNER, Leopold

Prolapse of the pregnant uterus into a postoperative hernia.  
Pol. tyg. lek. 19 no.4:146-148 27 Ja '64.

1. Z I Kliniki Ginekologiczno-Polozniczej Akademii Medycznej  
we Wroclawiu (kierownik: prof. dr med. Kazimierz Nowosad).

HEIMRATH, Tadeusz; WEINBRENNER, Leopold

Considerations on labor induction with syntocinon. Polski tygod.  
lek. 15 no.48:1843-1845 28 .N '60.

1. Z I Kliniki Położnictwa i Ginekol. Kobiecych A.M. we Wrocławiu;  
kierownik: doc. dr Kazimierz Nowosad.

(OXYTOCIN ther) (LABOR INDUCED)

NOWOSAD, Kazimierz; RESZCZYNSKI, Andrzej; ROBACZYNSKA, Gabriela;  
WEINBRENNER, Leopold

Application of vacuum extractors in clinical obstetrics.  
Ginek. Pol. 36 no.8:873-876 Ag '65.

1. Z I Kliniki Położnictwa i Chorob Kobięcych Akademii Medycznej  
wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

ZOLCINSKI, Adam; HEIMRATH, Tadeusz; WEINBRENNER, Leopold.

Evaluation of the ovary following hysterectomy. Ginek. pol.  
34 no.6:773-780 '63.

1. Z I Kliniki Położnictwa i Chorob Kobietych AM we Wrocławiu. Kierownik: prof.dr.med. K.Nowosad.

\*



WEINER, Dobrica, ing. [translator]

Specialization of welding engineers. Zavarivanje 3 no.3:62-63 Kr '60

1. Clan Redakcionog kolegija, "Zavarivanje".

WEINER, Dobrisa, ing. (Translator)

Specialization of welding engineers. Zavarivanje 3 no.3:66-68  
Mr '60

1. Clan Redakcionog kolegija, "Zavarivanje".

WEINER, Dobrica, ing. (Translator)

Specialization of welding engineers. Zavarivanje 3 no.4/5:98-99  
My '60

1. Clan Redakcionog kolegija, "Zavarivanje".

WEINER, Dobrisa, inz. [translator]

Quick-cutting jigs for machine electric welding. Zavarivanje 4 no.3:  
59-60 Mr '61.

1. Clan Redakcionog kolegija, "Zavarivanje"

WEINER, Gyorgy, dr.

Salmonellosis cases in Komárom County. Népegészségügy 44 no.10:  
311-313 0 '63.

1. Közlemény a Komárom megyei Közegészségügyi-Járványügyi  
Allomásról (igazgató: Zambolt Kalman dr.).  
(SALMONELLA FOOD POISONING)

HUNGARY

KEMENES, Ferenc, Dr., PATONAY, Janos, Dr., NEMES, Tamas, Dr., ZSEMBERY, Dezsó, Dr., and WEINER, György, Dr., Institute for Epidemics at the University for Veterinary Sciences (Allatorvostudományi Egyetem, Jarvanytani Intézet) in Budapest; Department for Infectious Diseases at the Hospital of the City Council (Városi Tanács Korháza, Fertőző Osztály) in Esztergom; Department of Internal Medicine at the Hospital of the Jaras Council (Jarasi Tanács Korháza, Belosztály) in Dorog; and Station for Hygienic Epidemiology at the Megye (Megyei Közegészségügyi Jarvanyügyi Allomás) in Tatabánya, Megye Komárom.

"Incidence of Weil's Disease Among Hungarian Coal Miners"

Budapest, Orvosi Hetilap, Vol 107, No 26, 26 Jun 1966, pp 1210-1212.

Abstract: Four cases of Weil disease observed in coal miners working in Western Hungary were described. They involved the typical, lethal icterohemorrhage form; two typical, anicteric, forms; and a typical, icterohemorrhage form with subsequent recovery. Some wild rats captured at the mine site had Leptospira icterohaemorrhagiae in their kidneys. 16 references, including 8 Hungarian, 2 German, and 6 Western.

1/1

WEINER, Istvan, dr.

Hybridization in the world of animals. Flovilag 9 no.4: 31-32 JI/kg  
'64.

HUNGARY

WEINER, Istvan. Dr. Fowl Industrial Veterinary Control Service (Baron-  
Fisnari Allatorvoni Ellenorzo Szolgalt) (chief: TOTH-BARANYI, Istvan,  
Dr).

"Food Toxicosis of Ducklings Accompanied by Edema."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 2, Feb 63, pp 98-100.

Abstract: [Author's English summary modified] During the biological  
testing of food mixtures, 40 % of a group of ducks fed an experimental  
food mixture succumbed. A change in the food led to the recovery of  
animals not affected too severely but the average weight of the group  
was nevertheless 20 % lower than the weight of other groups at the  
age of eight weeks. The animals which succumbed showed an enlargement  
of the heart and also liver cirrhosis and ascites. The etiology of the  
condition could not be discovered so far either by biological tests or  
by analysis of the food mixture. The syndrom could be differentiated  
from ground nut toxicosis. There are no references.

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HUNGARY

WEINER, Istvan, Dr, chief veterinary specialist; State Enterprise of the Fowl Industry, Agricultural Plant (director: SZABO, Gabor) (Baromfiipari Orszagos Vallalat, Mezogazdasagi Uzem).

"Prevention and Control of Fowl Cholera at Large Duck Plants."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 2, Feb 66, pages 83-86.

Abstract: [Author's English summary modified] Based on his own experiences, rigorous veterinary policing measures are advocated by the author as the primary means of the control of fowl cholera since therapy of the affected stocks can merely lead to temporary successes. Complete exchange of the affected stock was carried out with success and this method is recommended for general use. During the past 2 years, 6 out of 8 large plants were freed of fowl cholera infection by using this method and eradication of the disease at the remaining two plants is currently in progress.  
? Eastern European, 2 Western references.

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WEINER, I. R.

Distr: 4E3c/4E1d

19 21

Nuclear isomerism and atomic spectra. I. R. Weiner.  
*Acad. rep. populare Romnia, Inst. fis. atomica si inst. N. S. Studii cercetari fis.* 7, 56-77(1956).--The nuclear charge distribution is a function of the energy; this causes a shift of the spectral lines, called the nuclear isomeric shift. A calc. of this is performed on the basis of the oscillator shell model and the perturbation method of quantum mechanics for odd-even nuclear isomers which have an odd no. of protons in the 4th shell. The calcns. are presented in detail for  $In^{113}$ . The calcns. call for a shift of approx.  $5 \times 10^{-4}$  cm $^{-1}$ , which can be easily measured experimentally. One can do just the opposite, i.e., one measures the hyperfine structure effect and this nuclear shift and in this way arrives at a spectral analysis of nuclear isomerism.  
 Werner Jacobson

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11

WEINER, Karel

Our experience with the Kennedy-Aldridge-Marion operation in treatment of urinary incontinence in women. Cesk. gyn. 24[38] no.5:362-363 June 59.

1. Por. gyn. odd. Ounz v Mar. Iaznich, prednosta MUDr. K. Weiner.  
(URINATION DISORDERS, surg.  
incontinence in women, Kennedy-Aldridge-Marion technic (Cz))

MUNTEANU, Al.; WEINER, L.

Studies on the purification of waste waters from the leather industry.  
Hidrotehnica 8 no.2:48-53 F '63.

MUNTEANU, A.; WEINER, L.

Studies on the purification of residual waters from the  
leather industry. Studii prot epur apelor 4:261-279 '63.

MAMBEI, E.; CUTE, E.; WEINER, I.

Studies on the purification of residual waters from the  
textile industry. Studii prot epur apelor 4:307-332 '63.

WEINER, L.; MUNTEANU, A.; IANCU, A.

Research on the purification of waste waters from the dyeing  
industry and intermediary products obtained in dye fabrication.  
Studii prot epur apelor 5:161-194 '64.

WEINER, Ludek, MUDr

. Beginning of the organization of the Czech dentists. Cesk. stomat.  
. no.1:1-8 Feb 55.

1. Stomatol. klinika v Hradci Kralove.  
(DENTISTRY, history  
Czech. dentists organiz.)



WEINER, Ludek, MUDr

Practice of dentistry about the year 1900. Cesk.stomat. no.2:37-43  
Mar 55.

1. Stomatologicka klinika v Hradci Kralove.  
(DENTISTRY, history,  
in Czech.)

WEINER, Ludek

Extended dental prostheses after plastic surgery of the vestibule  
of the mouth. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral)  
4 no.3:281-288 '61.

1. Stomatologicka klinika; prednosta doc. MUDr. L. Sazama.

(MOUTH surg) (DENTAL PROSTHESIS)

WEINER, Ludek

SURNAME, Given Names

2

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Stomatology Clinic Charles University / Stomatologicka klinika KU, Karlove  
university/ Head / prednosta/ Docent L. SAZAMA, MD Bradec Kralove

Source: prague, Prakticke Zubni Lekarstvi, Vol 9, No 8, Oct 1961; pp 252-255

Data: "Vestibular Moles"

GPO 981643

DRAGANOVICI, M.; WEINER, L.; WISNER, M.

Research on the sanitary conditions of water in the basin of Olt  
River. Studii prot epur apelor 5:333-352 '64.

MALACEA, I.; CURE, V.; WEINER, L.

Contribution to the knowledge of the noxious action of crude oil  
naphthenic acids, and phenols on certain fish and on the crustacean  
*Daphnia magna* Straus. Studii prot epur apelor 5:353-405 '64.

RUMANIA/Nuclear Physics - Installations and Instruments. Methods of C-2  
Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17355

Author : Weiner M.

Inst : Not Given

Title : Geiger-Mueller Counter with Graphite Cathode

Orig Pub : Studii si cercetari fiz. Acad. RPR, 1957, 8, No 3, 383

Abstract : No abstract

Card : 1/1

RUMANIA/Nuclear Physics - Installations and Instruments.  
Methods of Measurements and Research. C

Abs Jour : Ref Zhur Fizika, No 12, 1959, 26658

Author : Weiner, M., Niculescu Zinca, D.

Inst :                     

Title : Counters with Circulation of Liquid

Orig Pub : Studii si cercetari fiz. Acad. RPR, 1958, 9, No 4,  
561-562

Abstract : Description of a Geiger-Mueller counter in which the  
radioactive liquid flows through tubes located inside  
the counter.

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WEINER, M.

19

✓ Construction of Geiger-Müller counters with a frontal window for  $\beta$  radiation. M. Weiner. *Studia et Cercetări de Fizică* 11, 467-8 (1960). G-M counters with 20-mm-diam. mica window and graphite cathodes were constructed and filled to  $\sim 45$  mm. Hg. The thickness of the windows was 6 mg./sq. cm. The distance between the window and the glass sphere was 2-3 mm. In the vertical position the background levels of the counters was below 100 counts/min. at 1300-1400 v. T. T. F.



WEINER, M.

Construction of the Geiger-Muller counter with a frontal window for  
 $\beta$  radiations. Studii cerc fiz ll no.2:467-468 '60. (EBAI 10:1)  
(Geiger-Muller counters) (Beta rays)

WEINER, Milan

Sugar and the Czechoslovak national economy. Listy cukrovar  
79 no. 12: 305 D '63.

BABCENCO, A.; ROTARU, M.; WEINER, M.

On the second order moment of the r.m.n. spectra in solids.  
Studii cerc fiz 14 no.4:453-462 '63.

1. Institutul de fizica atomica Bucuresti.

WEINER, M.; ROTARU, M.

Irradiation influence on the r.m.n. line of  $\text{Na}^{23}$  in NaCl. Studii  
cerc fiz 14, no.4:529-534 '63.

1. Institutul de fizica atomica Bucuresti.

WEINER, R.  
Category : RUMANIA/Optics - Spectroscopy

K-6

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 2444

Author : Agirbăceanu, I., Ghita, C., Topa, V., Weiner, R.  
Title : Effect of Argon on the Spectrum of I<sub>2</sub> Vapor

Orig Pub : Comun. Acad. RPR, 1955, 5, No 10, 1439-1448

Abstract : Examination of the effect of argon on the visible and ultraviolet spectrum of iodine vapor. The emission was studied in the 3100--3450 A range, in which the diffuse bands of the emission spectrum acquire a structure under the influence of argon; various argon pressures were used. An explanation is offered for this process. The data obtained are compared with the results cited in the works by Vencatersvarlu and Rao, and some disagreement is noted. The cessation of emission in the visible spectrum in the presence of argon (at 10 mm mercury), observed by Vencatersvarlu, is confirmed by the authors' experiments. Also confirmed is the vanishing of the emission spectrum of iodine vapors, previously observed by the authors, except for the 3400 A region in the presence of air at approximately 12 mm mercury. An investigation was made of the effect of argon on the absorption of iodine (using the hyperfine structure of the 5461 A Hg line) and also of the effect of absorption of I<sub>2</sub>, both in the presence and in the absence of argon, on the width of the lines of the 5461 A hyperfine structure. A greater broadening of the absorption line was

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Category : RUMANIA/Optics - Spectroscopy

K-6

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 2444

established in the presence of argon than in the presence of air at the same pressure (50 mm mercury), and a considerably greater broadening than with iodine alone.

Card : 2/2

WEINER, R.

SCIENCE

Periodicals: STUDII SI CERCEȚĂRI DE FIZICĂ. Vol. 6, no. 2, Apr./June 1955

WEINER, R. Undetermined energy-time relations in nonrelative quantum mechanics. p. 383.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

*Weiner R.*

ROMANIA/Nuclear Physics - Structure and Properties of Nuclei

C-4

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17489

Author : Weiner R.

Inst : Not Given

Title : Concerning the Theoretical Foundations of the Shell Model  
of the Nucleus

Orig Pub : Studii si cercetari fiz., Acad. RPR, 1957, 8, No 3, 395-377

Abstract : No abstract

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WEINER, R.

#

2-VE30  
4E30

Charge distribution of excited isomeric nuclei and atomic spectra (the nuclear isomeric shift), Richard Weiner (Phys. Inst. Acad., Bucharest, Romania). *Phys. Rev.* 114, 258-60 (1959).—Charge distribution of excited nuclei, especially isomeric shift, is discussed for odd nuclei with optical protons, by assuming single-particle transition and Rosenthal-Breit perturbation. But for the sign, single-particle effect is realized from optical protons, and shift sign is related to total nuclear configuration. For 2 characteristic transitions, effect is independent of nuclear potential shape. For harmonic oscillator and infinite square well, shift and character of the 2 nuclear states involved are simply related. Numerics are given for  $\text{In}^{115}$  III and  $\text{Ag}^{107}$  I at. spectra. Jack J. Bulloff

R. Weiner

LUPU, N. Gh., acad.; DINISCHEOTU, G. T.; PAUN, R.; POPESCU, I. Gr.; FOTESCU, L.;  
ZAMFIRESCU-GHEORGHIU, Marcela; OLARU, Cornelia; IOTA, C. G.;  
MOSCOVICI, B.; MOLNER, C.; URSEA, N.; LOWE, Judith; WEINER, S.; In co-  
laborare cu AVACHIAN, A.; BICLESAN, I.; DUMITRESCU, I.

Investigations of allergy to ricin. Stud. cercet. med. intern. 2  
no.5:639-652 '61.

(RICINUS toxicology) (ALLERGY etiology)

Weiner, T.; Szacszy, J.

Construction work with large panels and medium blocks in Sztalinvaros.  
p.395

MAGYAR EPITOIPAR. (Epitoipari Tudományos Egyesület) Budapest, Hungary  
Vol.8, no.8, August 1959

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

WEINER, V.

WEINER, V.

How to improve the quality of spools for winding silk. p. 140.  
Production capacity of the clothing industry. p. 141. (Textil, Praha, Vol. 9,  
no. 5, May 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

WEINEROVA, E.; SNIZKOVA, S.; HAMERNIK, F.

Principles of the regional breeding of pigs and sheep. p. 317.  
(VESTNIK, Vol. 4, No. 5/6, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

WEINEROWA, Irena

Results of bacteriological and serological investigations of typhus abdominalis. Przegl. epidem., Warsz. 9 no.4:265-266 1955.

1. Z Kliniki Chorob Zakaznych A.M. w Krakowie. Kierownik: prof. dr. J. Kostrzewski.  
(TYPHOID FEVER,  
bacteriol. & serol. aspects. (Pol))

WEINERT, H.J.

Semirings and semibodies. Pt.1. Acta mat Hung 13 no.3/4:365-378 '62.

1. Pädagogische Hochschule, Institut für Mathematik, Potsdam,  
Deutsche Demokratische Republik. Vorgelegt von L. Redei.

WEINFELD, Stefan, inż.

Technology for everybody. Przegl techn no.35:3,4 31 Ag '60.



~~MIROSLAV~~, WEINFURT, M.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Cellulose and Cellulose Products. Paper.

K-5

Abs Jour: Ref. Zhur-Khimiya, No 1, 1958, 3292.

Author : Piesen Stepan, Weinfurt Miroslav

Inst :

Title : Industrial and Waste Waters in the Paper Industry.

Orig Pub: Papir a celuloza, 1957, 12, No 6, 133-136.

Abstract: The possibilities and prerequisites for utilizing circulating water in individual sections of the pulp and paper industries are considered.

Card : 1/1

Weinfurt, M.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage. H

Abs Jour: Ref Zhur-Khimiya, No 9, 31837.

Authors : Piesen, S., Weinfurt, M.

Inst : Not given.

Title : A Correction to the Article: Piesen, Weinfurt  
"Industrial and Sewage Waters in the Paper Industry."

Orig Pub: Papir a celuloza, 1957, 12, No 8, 174.

Abstract: See RZhKhim, 1958, 3292. -- S. Yavorovskaya.

Card 1/1

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Cellulose and its Derivatives. Paper. H  
APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961520002-5

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69442.

Author : Svaton M., Weinfurt M.

Inst : Not given.

Title : New Drying Felts.

Orig Pub: Papir a celuloza, 1958, 13, No 4, 81-84.

Abstract: Review of modern felts used in the paper-making machinery (felts made of cotton, synthetic fiber, and asbestos). Justifications of use of the polyamide and polyester fibers and their combination with cotton and asbestos are discussed. Felts prepared from the new raw materials are character-

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CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Cellulose and its Derivatives. Paper.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69409.

Abstract: modified by the author so as to be suitable for  
commercial applications. The determination of  
detrimental rosin by the use of the modified method  
is described.

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WEINFURT, M.

TECHNOLOGY

PERIODICALS: PAIR ACELULOSA Vol. 14, no. 1, Jan. 1959

WEINFURT, M.: CHROMY, M. Fourdrinier wires of plastics. p. 7

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

WEINFURT, Miroslav

Loss of suspended matter in the paper machine technological process and its prevention. Papir a celuloza 19 no. 3: 79-82 Mr '64.

1. Research Institute of Paper and Cellulose, worksite Prague.

KUSAK, Miroslav; WEINFURT, Miroslav

Operational use of polyethylenimine resins in papermaking.  
Papir a celuloza 19 no.5:129-133 My '64.

1. Research Institute of Paper and Cellulose, Prague  
Worksite.

WEINFURT, Miroslav

Circulating water spray systems. Papir a celuloza 19 no.11:  
303-307 N '64.

1. Research Institute of Paper and Cellulose, Worksite Prague.

WEINFURTER, Stanislav

Heavy-duty milling with side cutters with exchangeable tips.  
Stroj vyr 12 no. 5:336-338 My '64.

1. Research Institute of Machine Tools and Machining, Prague.



WEINFURTER, V.

MACECEK, J.; WEINFURTER, V. "How suggestions for improvement of the North Bohemian Brown Coal Mines contribute to efficient removal of coal from cuts."  
Uhli, Praha, Vol 3, No 10, Oct. 1953, p. 288

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

WEINGART, F.

TECHNOLOGY

PERIODICAL: MERES ES AUTOMATIKA, Vol. 6, no. 7/8, 1958

Weingart, F. Measuring pressure by means of condenser-microphone method.  
p. 233.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

WEINGART, Ferenc, tudományos munkatárs

Symmetrical component filters. Elektrotechnika 53 no.2/3:  
128-131 '60.

WEINGARTNER, Ferenc

Correlation between the sunshine duration and the complete  
irradiation in Hungary. Orsz meteor int besz tud kut 25:76-81  
'61 (publ. '62).

SIMON, Jozsef; WEINGARTNER, Ferenc

Examination of scattered radiation on the basis of the  
Budapest data. Orsz meteor int besz tud kut 25:82-87  
'61 (publ.'62).

WEINGARTNER, Ferenc

Data on the radiation balance of Heviz. Orsz meteor int besz tud  
kut 26:167-171 '62(publ.'63).

WEINGARTNER, Ferenc

Data on the albedo of the water surface. Idojaras 68  
no.4:237-239 J1-Ag '64.

WEINGARTNER, Janos

Newer achievements in the manufacture of small engines and household appliances from the point of view of aluminum utilization. Koh lap 12 no. 11/12 511-513 N-D '57.

1. Erosarami Gyartmanyfejlesztési Intezet.



WEINGARTNER, R.

COUNTRY	: Rumania	M-13
CATEGORY	:	
ANS. JOUR.	: RZkhil., No. 16 1959, No.	57751
AUTHOR	: Stoicescu, E., Ciocota, M., Cristea, M., Cristea	*
INST.	: Rumanian Academy of Sciences	
TITLE	: The Purification of Kaolin from Sichevita	
ORIG. PUB.	: Studii si Cercetari Geol-Geograph Acad RPN Fil Cluj, 3, No 3-4, 303-316 (1957)	
ABSTRACT	: No abstract.	
CARD: 1/1	via, G. and Weingartner, R.	

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WEINHOLD, R.

Folklore investigation in the new villages of the German Democratic Republic.  
In German. p.353.  
(Acta Ethnographica, Vol. 5, no. 3/4 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

RUMANIA / Chemical Technology. Natural and Synthetic H-31  
Caoutchouc. Rubber.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79773.

Author : Nagy L., Weininger S.

Inst : Not given.

Title : The Manufacture of a High Grade of Microporous  
Sole Leather in the Cluj Factory <<J. Herbak.>>

Orig Pub: Ind. usoara, 1957, 4, No 8, 352-359.

Abstract: A study on the practice in manufacturing micro-  
porous sole in "Janosh Herbak" factory revealed  
that a thick one-layer sole with a smooth in-  
side and ribbed outside surface makes it possi-  
ble to achieve a higher quality than a sole con-  
sisting of 2 layers half-thick, due to the fact  
that in a thicker layer it is easier to obtain  
uniform porosity. The dyes were constructed and

Card 1/3

RUMANIA / Chemical Technology. Natural and Synthetic H-31  
Caoutchouc. Rubber.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79773.

Abstract: the methods for punching a thick, ~~one~~-layer sole were worked out. The following porosity-forming agents were investigated: diazoaminobenzene (I), benzyl sulfonyl dinitrosopiperazine (II), dinitroso pentamethylene tetramine (III), dinitrosopiperazine, urea nitrate; upon heating, they all evolve  $N_2$ , which produces a better porosity than  $CO_2$  because it is not adsorbed by hot rubber. In addition to that, I plays the part of an accelerator, plasticizer and a dye (yellow coloration); II requires a higher vulcanization temperature due to a higher decomposition temperature. They all produce a rubber with a volume weight of 0.3 to 0.8 grams/cm<sup>3</sup>. Of a special interest

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RUMANIA / Chemical Technology. Natural and Synthetic H-31  
Caoutchouc. Rubber.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79773.

Abstract: are combinations of porosity-forming agents:  
thus in combining I and II in a ratio of 2 to  
1, a rubber was obtained having a volume weight  
of 0.5 grams/cm<sup>3</sup> and a very uniform structure  
and at the same time the color intrinsic to I  
and the odor specific to II have disappeared.

Card 3/3

COMES, V.; GALEA, V.; WEINLICH, Margareta; SUCIU, D.; VALACZKAI, Clara; VLAD, Felicia; DENES, I.

Necessity of vitamin C for workers exposed to mercury. *Studii cerc biochimie* 8 no.1:33-41 '65.

1. Section of Food Hygiene, Institute of Hygiene and Public Health, Cluj. Submitted June 28, 1964.

WEINL, Miroslav

Work organization on the two-man boring unit ZIF 300.  
Geol pruzkum 6 no. 3:82-83 Mr '64.

1. Jachymovske doly, Geologicky pruzkum National Enterprise, Pribram. Geol pruzkum 6 no. 3:82-83 Mr '64.

NERMUT, Milan, V.; WEINLICH, Richard

A simple apparatus for microcinematography. Scr. med. fac. med.  
Brunen. 35 no.1/2:51-57 '62.

1. Ustav pro obecnou biologii lekarske fakulty university J.E.Purkyne  
v Brne Vedouci doc. dr. O. Necas.  
(BIOLOGY equip & supplies) (PHOTOMICROGRAPHY equip & supplies)



RUMANIA/Human and Animal Physiology. Blood

T-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65190

Author : Aubert H., Roth L., Krausz N., Weinrauch F.

Inst : -

Title : A Study of the Etiology, Pathogenesis and Prognosis of Myelopathy.

Orig Pub : Med. interna, 1956, 8, No 2, 192-202

Abstract : The prognosis in myelopathy depends upon the etiological factor and the degree of disturbance in bone marrow function. Toxic and allergic myelopathies differ pathogenetically. The former arise following chronic intoxication with various chemical substances, the latter when there is increased sensitivity to certain substances. The tonsillar focus can lead to the development of panmyelopathy, in the mechanism of which perivascular, perisinus or allergic edema plays an important role. The differential diagnosis of toxic and allergic myelopathy is difficult. With the former there is a sudden onset with a serious condition and rapid improvement;

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RUMANIA/Human and Animal Physiology. Blood

T-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65190

the latter is characterized by an acute course and a lowly progressive worsening. The eosinophilogram is important in the diagnosis, as is the anamnesis of the patient. The prognosis is more favorable for allergic toxico-infectious myelopathies.-- S.N. Faya

Card : 2/2

32

LORKIEWICZ, Z., HULANICKA, E., WEINRAUDER, H.

Studies on the antigenic structure of L forms, type 3A and 3B of *Proteus vulgaris*. *Acta Microb. polon.* 6 no.4:311-320 1957

1. Z Zakładu Mikrobiologii Ogólnej Uniwersytetu Marii Curie-Skłodowskiej w Lublinie Wplynelo dnia 23 wrzesnia 1957 r.  
(PROTEUS VULGARIS, immunology  
antigenic structure of L forms (Pol))

SEMROW, Romuald; WEINRAUDER, Halina; RUSZCZEWSKI, Zygmunt

The effect of different methods of immunization with the BCG vaccine on immunity induced in experimental animals. Acta medica polona 3 no.2: 149-158 '62.

1. Department of Experimental Pathology, Polish Academy of Sciences  
Director: Professor Dr L. Paszkiewicz.  
(BCG VACCINATION exper.)

WEINREB, J.

Computations for the problem of distribution of temperatures for cooling blocks of concrete. p. 100. STUDII SI CERCETARI DE FIZICA. Bucuresti. Vol. 6, no. 1, Jan/Mar. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

WEINREB, J.; BALEA, O.

Portable device for rapid determination of the humidity of capillary porous materials. p. 541. Academia Republicii Populare Romine. Institutul de Fizica. STUDII SI CERCETARI DE FIZICA. Eucuresti. Vol. 6, no. 3, July/Sept. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

WEINREB, J.

New additions to the problem of the calculation of temperature of concrete slabs.

p. 259 (Academia Republicii Populare Romine. Institutul de Fizica. Studii Si Cercetari De Fizica. Vol. 7, no. 2, Apr./June 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

WEINRICH, B.

2

61. Automatic apparatus for checking the boiler feed water sugar content. B. Weinrich, L. Pesy. *Chem. Abstr.* Vol. 9, 1959, No. 2, pp. 68-71, 1 fig.

*Handwritten scribble*

The design of the apparatus is based on the principle that within given limits the light absorption of the liquid treated with a reagent is unequivocally correlated to the sugar content of the feed water. This primarily refers to low sugar concentrations. The apparatus consists of an automatic chemical reactor, control equipment, amplifier and instrument panel. A 0.05% solution of anthrone in concentrated sulphuric acid is stored in the reagent bottle of the reactor. The reagent is fed to the reaction vessel by a glass valve. The latter is made of heat resistant glass and is provided with a drain valve and overflow. The bulb and the photoelectric cell are mounted opposite each other in a thin-walled iron tube at both sides, outside the reaction chamber. Iron cores, each placed into the stem of the valves, open and close the valves by the action of the solenoids attached externally to the valves. First a sample of water is fed into the reaction chamber, then the reagent is added in a 1 to 3 ratio. In two minutes the amplifier and signaling device is switched in by the control mechanism and measuring takes place. Subsequently the drain valve discharges the mixture from the reaction space and the procedure is repeated. The control mechanism contains an asynchronous motor driving four gears mounted on a common shaft over a reduction gearing. One of the gears actuates the mercury switch of the water level valve solenoid, the second that of the reagent feed, the third is connected to the power actuating the drain valve and the fourth to the cam controls switches for the signal lamps indicating the phase of operation in progress at the time.

*Handwritten initials*



WEINRICH, BODOG

HUNGARY/Chemical Technology, Chemical Products and Their  
Application, Part 3. - Carbohydrates and Their  
Treatment.

H-26

Abs Jour: Referat. Zhurnal Khimiy, No 10, 1958, 34091.

Author : Bodog Weinrich, Károly Jánosfy,

Inst : Not given.

Title : Filtration Troubles in Sugar Industry in 1956/57.

Orig Pub: Cukoripar, 1957, 10, No 9-10, 184-187.

Abstract: The cause of juice filtration troubles was the spoiling of beets in consequence of freezing and thawing repeated several times, at which occasion the formation of products by living microorganisms (comprising the microorganisms brought in water returning for diffusion) played an important part. The development of microorgan-

Card : 1/2

HUNGARY/Chemical Technology, Chemical Products and Their  
Application, Part 3. - Carbohydrates and Their  
Treatment.

H-26

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34091.

isms in the factory juices was localized by intensified  
desinfection. Filtration was rendered easier by in-  
creasing the Ca addition (above 0.5%) for the cold pre-  
defecation and by returning 25 to 30% or more of the un-  
filtered juice of the 1st saturation to the diffusion  
juice.

Card : 2/2

HUNGARY / Chemical Technology. Chemical Products and H  
Their Applications. Carbohydrates and Their  
Processing.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13400.

Author : Sipos, Imre; Frindt, Lajos.-Hozzaszolas; Weinrich,  
Bodog.

Inst : Not given.

Title : Results of the Functioning of an Experimental  
Model of the "J-Diffuser" Continuous-Process  
Diffusion Apparatus in the Khatvan Sugar Plant  
in 1957/58.

Orig Pub: Cukoripar, 1958, 11, No 5, 128-130.

Abstract: No abstract.

Card 1/1

WEINRICH, Bodog, fozemok

Remark. Cukor 11 no.5: 129-130. My'58

1.Acsi Cukorgyar.

WEINRICH, B.

Settling apparatus in the Acs Sugar Factory. p. 28.

CUKORIPAR. (Mezőgazdasági és Élelmiszeripari Tudományos Egyesület.  
Cukoripari Szakosztály) Budapest, Hungary, Vol. 12, No. 2, Feb. 1959.

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

WEINRICH, Bodog; VAJDA, Jozsef

Exchange of experience in Poland. Cukor 14 no.7:181-186 JI '61.

WEINRICH, Bodog

Control of sugar in boiler feed water. Cukor 14 no.10:283-288  
0 '61.

1. Acsi Cukorgyar.

WEINRICH, Bodog

Water supply of the Acs Sugar Factory from the Danube.  
Cukor 16 no.6:165-169 Je '63.

1. Acsi Cukorgyar.



DAMSKER, Dorel, ing., laureat al Premiului de Stat (Bucuresti);  
WEINRICH, Gunther, ing. (Bucuresti); LANDAU, Ioan D., ing.  
(Bucuresti); BRANA, Codrut, ing. (Bucuresti)

Technical characteristics of transistorized automatic regulating blocks for electric drives. Elektrotehnica 9 no.3:85-96  
Mr.61

1. Sef de laborator la Institutul de Cercetari Electrotehnice (for Damsker).
2. Inginer proiectant principal la "Automatica" (for Weinrich).
3. Inginer proiectant la "Automatic" (for Landau)
4. Cercetator la Institutul de Cercetari Electrotehnice (for Brana).

DAMSKER, Dorel, conf. ing. (Bucuresti); FLEISCHER, Reinhardt, ing. (Bucuresti);  
WEINRICH, Gunther, ing. (Bucuresti)

Calculation of reversible drives with direct current motor and  
automatic control. Electrotehnic no. 5:165-171 My '61.

1. Sef de laborator la Institutul de Cercetari Electrotehnice  
(for Damsker). 2. Inginer proiectant principal la Institutul de  
Cercetari Electrotehnice (for Fleischer). 3. Inginer proiectant  
principal la Intreprinderea Industriala de Stat "Automatica"  
(for Weinrich).

WEINRICH, G.; LANDAU, I.D.; ANASTASIU, S; CONSTANTINESCU, M.; CHIVARAN, St.

Automatic speed control fo direct current engines  
controlled by thyristors. Probleme automatiz 203-220  
5 N '62.

DAMSKER, D.; WEINRICH, G.; LANDAU, I.

A system of regulating the number of revolutions by armature tension and the reduction of flux to a reversible drive, with single reference. Automatica electronica 6 no.3:102-111 My, Je '62.