

MAGYAROSSY, Ferenc, okleveles gépészmérnök, főmérnök

Electric equipment of hoisting machines. Bany lap 93 no.12:  
817-823 D '60.

1. Villamos Erőmű Tervező és Szerelő Vállalat osztályvezetője,  
Budapest.

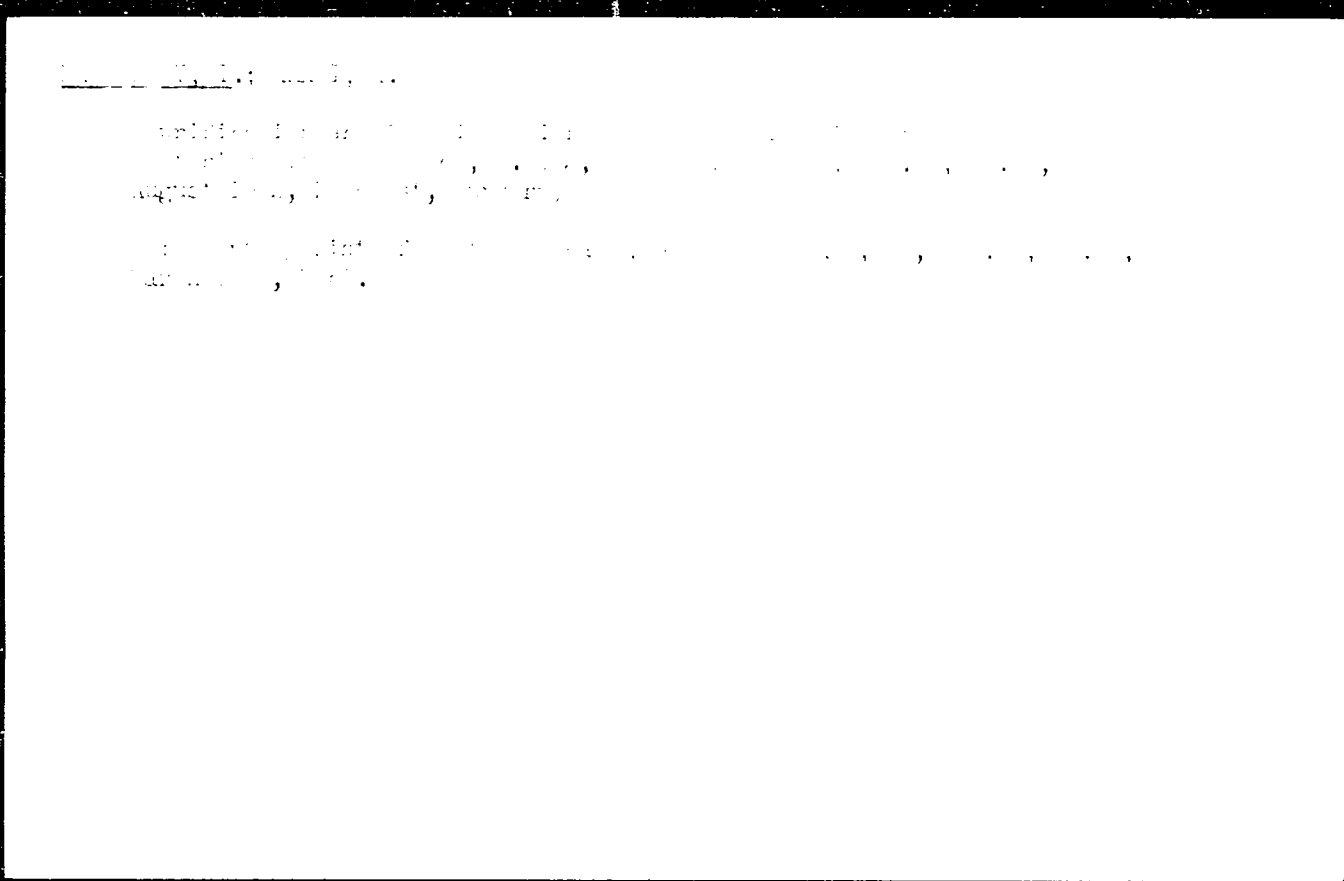
MAGYAROSSY, I.

"Decreasing impurities in aluminate liquids of aluminate factories with dolomite treatment." (p.193) KOHASZATI LAPOK (Magyar Banyaszati es Kohaszahi Egyesulet) Budapest. Vol. 4, no. 9, Sept. 1952

SO: EAST European Accessions List, Vol. 3, No 8, Aug. 1954.

MAGYAROSY, ISTVAN

5938\* Dolomite Purification and Causticizing of Aluminate  
Liquors in the Alumina Plant. *Üstüdügyeri aluminaállögök*  
*dolomitos tisztítása és kausztifikálása. (Hungarian.) Istvan*  
*Magyarosy and Antal Aradi. Koldozatt Lapok, v. 9, no. 4, 1965,*  
*pp. 171-185.*  
Experimental data on substitution of dolomite for burnt lime;  
interpretation of results in industrial terms. Tables.



MAGYAROSSY, Istvan

HUNGARY/ Chemical Technology. Chemical Products and Their Application. Mineral salts. Oxides. Bases I-5

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12342

Author : Magyarossy Istvan, Bartok Lenes, Hejja Andras

Title : Utilization of Calcium Aluminate Slag in Alumina Plants

Orig Pub : Kalcium-aluminat-salakok tinfoldgyari felhasznalasa. Khasz. lapok, 1954, 9, No 10, 467-474 (Hungarian)

Abstract : Investigation of Ca-Al slag of synthetic preparation. Amount of  $Al_2O_3$  recovered from the soluble aluminates contained in the Ca-Al slag does not depend upon the concentration of  $Na_2CO_3$  solution used in the extraction. With a high concentration of  $Na_2CO_3$  in the solution, it is necessary to carry out a removal of  $SiO_2$  (due to its high content). Use of solutions with low concentration of  $Na_2CO_3$  applied in large amounts produces a normal content of  $SiO_2$  which permits to carry out the process by the method of Bayer.

Card 1/1

- 13 -

MAGYAROSSY, I.

3

73. Investigations on the precipitation of aluminate liquor by air especially in respect to the absorption of CO<sub>2</sub> — Magyarossy, D. Bartók, (Kohászati Lapok — Vol. 9 (1937), No. 12, pp. 552—556, 4 figs., 4 tabs.)

MG

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Plant tests have been conducted for the purpose of establishing the optimal volume of air required for the mixing of aluminate liquor, for determining the influence of the carbon dioxide contained in the air on carbonization, and for evaluating the economy of the method. A 12 m high 4 m dia cylindrical vessel with a conical bottom was used for the experiments. A 50 cm dia air lift tube was set in the centre of the vessel, air was fed through a jet at the bottom of the tube. The required volume of air was found to be 449—700 cu m per tonne of alumina depending on the flow of bubbles. 70% of the carbon dioxide content of the fed air is combined, which corresponds to a liquor absorption of 0.8 g/m<sup>3</sup> per hour. 2.5—3 kg carbon dioxide is absorbed during a single mix and a corresponding amount of sodium hydroxide is transformed into sodium carbonate. The energy requirements of air precipitation are 70 kwh per tonne of alumina, whereas that of mechanical mixing is 117 kwh. Examination of alumina hydrate particles obtained by the air precipitation method shows that their size is the same as those obtained by the mechanical mixing method.

gpc

df

MAGYAROSSY, I

71. Utilization of calcium aluminates slags in alumina factories. I. Magyarossy, D. P. FORT, A. Hejja. *Metallurgicheskiy Zhurnal*, Vol. 9 (87), 1954, No. 10, pp. 467-474, 8 figs., 8 tabs.

Experiments conducted in order to establish the usefulness of synthetic Ca-Al slags regarding their processing in alumina plants the following results were obtained: (1) The  $Al_2O_3$  yield of the soluble aluminates in the Ca-Al slag is independent as to the magnitude of the concentration of the sodium carbonate solution used for elutriation. (2) If highly concentrated sodium carbonate solutions are used, an expensive process of desilication is necessary due to the high silica content. If the process is to be combined with the Bayer process, it can be linked only at the autoclaves. (3) If sodium carbonate of low concentration is used, the volume is considerably greater, the silica content of the obtained alumina hydrate meets specifications, and linking to the Bayer process is possible at the "white" Dorr battery.

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MAGYAROSY, I.

Sedimentation of red muds in the Bayer process. E. Papp, I. Magyarosy, and A. Héjja (Met. Research Inst., Budapest). *Acta Tech. Acad. Sci. Hung.* 13, 33-52 (1935) (in English).—Red mud (I) contains  $Al_2O_3$ ,  $SiO_2$ ,  $Fe_2O_3$ ,  $TiO_2$ ,  $Na_2O$ , and  $H_2O$  as main ingredients, and traces of  $Na_2CO_3$ ,  $Na_2SiO_3$ ,  $Na_3PO_4$ ,  $Na_2SO_4$ ,  $Na_2CrO_4$ ,  $NaVO_3$ ,  $Na_2MnO_4$ ,  $NaCl$ ,  $NaF$ ,  $Na_2AsO_4$ ,  $Na_2GaO_4$ ,  $Na_2ZnO_4$ ,  $Na_2Fe_2O_4$ ,  $Na_2TiO_4$ ; thus the charges on the surface, which prevent a quick sedimentation, cannot be stated accurately with respect to sign and magnitude. I was studied in a glass sedimentation app., which could be maintained at 95-102°; the same equipment was used to study natrolite (II), which is known to occur in I, and has a well-defined compn.  $2SiO_2 \cdot Al_2O_3 \cdot Na_2O \cdot 2H_2O$ . The I was prepd. from a grade 10-12 bauxite of a hydrargillite-boehmite structure, by digesting for 1-3 hrs. at 15 atm. The effects of starch (III) and of a partial reduction in speeding up the sedimentation were tested. Addns. of 0.1-0.3% of bentonite, weirlite,  $MgO$ , pyrite, calcined dolomite, and ferrosilicon did not warrant any tech. applications. Therefore, in order to get a better idea of the elec. surface charges, electrophoretic studies were undertaken on I, I + III, II, I with various degrees of reduction, and powd. coke particles. It was thus found that in distd.  $H_2O$ , weak  $NaOH$ , strong  $NaOH$ , or aluminatc lye both I and II will be charged positively; this fact together with the findings that very often gas bubbles are observed at the surface of I leads to the hypothesis, that the surface of I acts like an elec. condenser, where charges neutralize each other according to  $2OH = H_2O + O + 2e$ . Any reducing agent which will prevent the formation of O will accelerate the sedimentation. This was proven by the addn. of  $N_2H_4$ ,  $CH_3O$ ,  $MeOH$ ,  $FeSO_4$ , and  $Na_2SO_3$ .

Werner Jacobson

(2)



MAGYARORSZÁGI

Utilization of the calcium-aluminate slags in the alumina industry. István Magyarossy, Dénes Bartók, and András Héja. *Fémipárt Kutató Intézet Közleményei* 1956, 98-115. For the processing of Ca-Al slags into  $Al_2O_3$ , those slags are best suited which contain CaO and  $Al_2O_3$  in the ratio of 12-7 and also contain 34-45%  $2CaO \cdot SiO_2$ . The best slag for the purpose was obtained if, after melting, the processing time for the melt was a min. of 2 hrs. The slags must cool slowly enough for crystn. During leaching an increase in the  $Na_2CO_3$  concn. of the leaching liquor produces a simultaneous increase in the  $Al_2O_3$  content. The  $Al_2O_3$  yield is independent of the  $Na_2CO_3$  concn. of the leaching soln. When processing synthetic Ca-Al slag, the  $Na_2CO_3$  loss is 2-3% as related to  $Al_2O_3$ . This loss increases with increasing S content of the slag. F. D. G.

MAGYAROSY, I.

42. Investigation of the causes of  $Al_2O_3$  losses after digestion during alumina production by the Bayer method. (In French). Magyarosy, I., Márkássy, A., Perzei, J. *Acta Technica Academiae Scientiarum Hungaricae*, Vol. 21, 1958, No. 3-4, pp. 376-380, 3 figs., 8 tabs.

Hydrolysis in aluminate solution was investigated in Hungarian aluminate factories using the Bayer method; the reaction times in the solution contacting the red mud after digestion was carried out partly by various technologies and partly by studying the effect of the contamination of the solutions on the hydrolytic decomposition. Numerical values are published for measuring hydrolysis in solutions contaminated to varying degrees by  $NaF$ ,  $Na_2CO_3$ , silts. A uniform method has been elaborated for the proper preparation of specimens necessary for the investigations.

Country : Hungary H-8  
Category :  
Abs. Jour. : 39218  
Author : Magyarosy, E., Mariassy, M., and Perczel, A.  
Institut. : Hungarian Academy of Sciences  
Title : Investigation of the Causes of  $Al_2O_3$  Losses During  
the Leaching of the Sinter in the Production of  
Alumina by the Bayer Process  
Orig. Pub. : Acta Tech Acad Sci Hung, 21, No 3-4, 275-289 (1958)  
Abstract : The authors have made a theoretical analysis of the  
hydrolysis process and of the equations for the  
equilibrium constant and for the rate of reaction.  
A method has been developed for the determination of  
 $Al_2O_3$  losses resulting from the hydrolysis of sili-  
cates. The kinetics of the reaction of aluminate  
solutions with the red mud after leaching when dif-  
ferent production procedures are used have been in-  
vestigated, and the effect of additions of various  
salts on the degree of hydrolysis of alkalis and on  
the magnitude of the  $Al_2O_3$  losses has been determined.  
Numerical data are presented together with curves

Card: 1/2

MAGYARY, Ferenc, dr.

Solitary diverticulitis of the cecum. Orv. hetil. 102 no.16:747-748  
16 Ap '61.

1. Kozponti Allami Korhaz Sebészeti Osztalya.

(DIVERTICULITIS surg)

CSOKAN, Pal, dr.; LA 12

Classification of lubricants used in aluminum foil  
rolling. Koh lap 96 no.5:199-205 Ny '63.

1. Femipari Kibate Intezet, Budapest.

SECRET  
CONFIDENTIAL  
TOP SECRET

L 33111-66 EWP(t)/ETI IJP(c) JH/JD

ACC NR: AT6025137

SOURCE CODE: HU/2504/65/051/01-/0063/0079

AUTHOR: Bujdosó, E.; Czoboly, E.; Magyary, F.

5/  
BT-1

ORG: [Bujdosó, Magyary] Research Institute for Non-Ferrous Metals, Budapest; [Czoboly] Institute for Mechanical Technology, Technical University, Budapest

TITLE: Determination of the distribution coefficient of zinc with radioisotope Zn sup 65 by the zone melting of aluminum

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 51, no. 1-2, 1965, 63-79

TOPIC TAGS: zinc, radioisotope, aluminum, metal zone melting, distribution coefficient, metal crystallization

ABSTRACT: The  $\delta/D$  ratio (where  $\delta$  represents the rate of crystallization front advance and  $D$  represents the diffusion coefficient) for zinc in aluminum was determined by zone melting according to the techniques described by GELLI, D., and RORBA, M., (Aluminio, Vol 30, 1961, p 3). Various refining velocities and melted zone lengths were employed in the tests. The activity of the zinc isotope was continuously monitored. The parameters for the optimum zone-melting process for 99.99% pure aluminum with zinc impurity were determined. The method would be suitable for other metallic impurities in aluminum also. Orig. art. has: 11 figures; 4 tables, and 3 formulas. [SPRS: 33,732]

SUB CODE: 11, 18/ SUBM DATE: 30Jan63/ OTH REF: 012

Card 1/1 20

0916

0522

MAYYAPOM, 1946 - M. Montague

Information was obtained from a source who provided information  
regarding the above.

The following information was obtained from a source who provided information  
regarding the above.



BAGG, László, MALYAROSI, Ferenc, Jr.

Remarks on the article "Current questions of land registration  
and the process of expropriation" (see also 17-18/444-  
445) 1964.

KISS, Lorant, okleveles gepeszmernok; CSERNAVOLGYI, Laszlo; HAJDU, Istvan;  
BENKOVICS, Jozsef; TERNYAK, Beno; SOSKUTI, Andras; TOROK, Mihaly, dr.;  
SZASZ Frigyes; GATI, Geza; KOVACS, Lajos; DEHERES, Zoltar; ~~MAGYAROSI~~,  
Laszlo; KOVACS, Gyula; AUERSWALD, Jaros; SOS, Jaros; DIOSZEGHY, Daniel,  
prof.

Manufacture and use of gas appliances. Energia es atom 17 no.1:  
30-35 Ja'64.

1. Lampagyar (for Kiss).
2. Vegyterv (for Csernavolgyi).
3. Orszagos Koolaj- es Gazipari Troszt (for Hajdu, Szasz, Auerswald).
4. Pecszi Gazszolgaltato Vallalat (for Benkovics).
5. Asvanyolajforgalmi Vallalat (for Ternyak, Soskuti).
6. Epitesugyi Miniszterium Iparterv Muszaki Osztaly (for Torok).
7. Orszagos Villamosenergia Felugyelet (for Gati).
8. Epitesugyi Miniszterium (for Lajos Kovacs).
9. Gazkeszulekgyarto Vallalat (for Deheres).
10. Epitestudomayi Intezet (for Gyula Kovacs).

MAGYAROSSY, Istvan, dr.; BARTOK, Denes; HEMJA, Andras

Utilization of calcium aluminate slags in alumina factories.  
Koh lap 9 no. 10: 467-474 O '54.

1. Kemipari Kutato Intezet.

BAGO, Laszlo; MAGYAROSY, Ferenc, dr.

Settling certain questions relating to the expropriation procedure. Geod kart 16 no.2:119-126 '64

MAGYARCSY, Istvan, dr.; FASZOK, Denes

Air mixture studies with special regard to the absorption  
of CO . Korlap 6 no. 12: 552-556. 1954.

2

1. Femipari Kutato Intezet.

MAGYARSOKI, Ferenc, dr.; KOCSIS, Zsolt, dr.

Rare developmental abnormality of the fetal urinary tract complicating labor. Magy. neorv. lap. 26 no.5:264-266 P. 193.

1. Borsod--Abauj--Zemplen Megye Tanacs Kohaza Miskolc, II. Születeszet e. H. etura.

DEVENYI, Pal, dr.; MAGYVARADI, Janos, dr.; RAPPAI, Istvan, dr.

Delivery after commissurotomy performed during pregnancy. Orv.  
hetil. 96 no.37:1033-1035 11 Sept 55.

1. A Budapesti Peterfy Sandor utcai Korhaz-rendelo C-belosztalyanak  
(foorvos: Lendvai Jozsef dr. igaz.) es Szuleszet-nogyogyaszati  
Oosztalyanak (foorvos: Palik Frigyes dr.) kozl.

(MITRAL STENOSIS, in pregnancy,  
normal delivery after commissurotomy)

(PREGNANCY, in various diseases,  
mitral stenosis, normal delivery after commissurotomy)

MAGZANTK, G. I.

Herzopholis

Physio-therapeutic methods to prevent and cure the disease of heart. 1952. 1952. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. 1952. 1952.



MAGZUMOV, R.Kh.

Clinical and radiological characteristics of tuberculosis of the intestines in patients without active pulmonary tuberculosis. Med.zhur.Uzb. no.8-9:50-53 Ag-S '58. (MIRA 13:6)

1. Iz Uzbekskogo nauchno-issledovatel'skogo tuberkuleznogo instituta (nauchnyye rukovoditeli - professora Sh.A. Alimov i D.M. Abdurasulov).

(INTESTINES--TUBERCULOSIS)

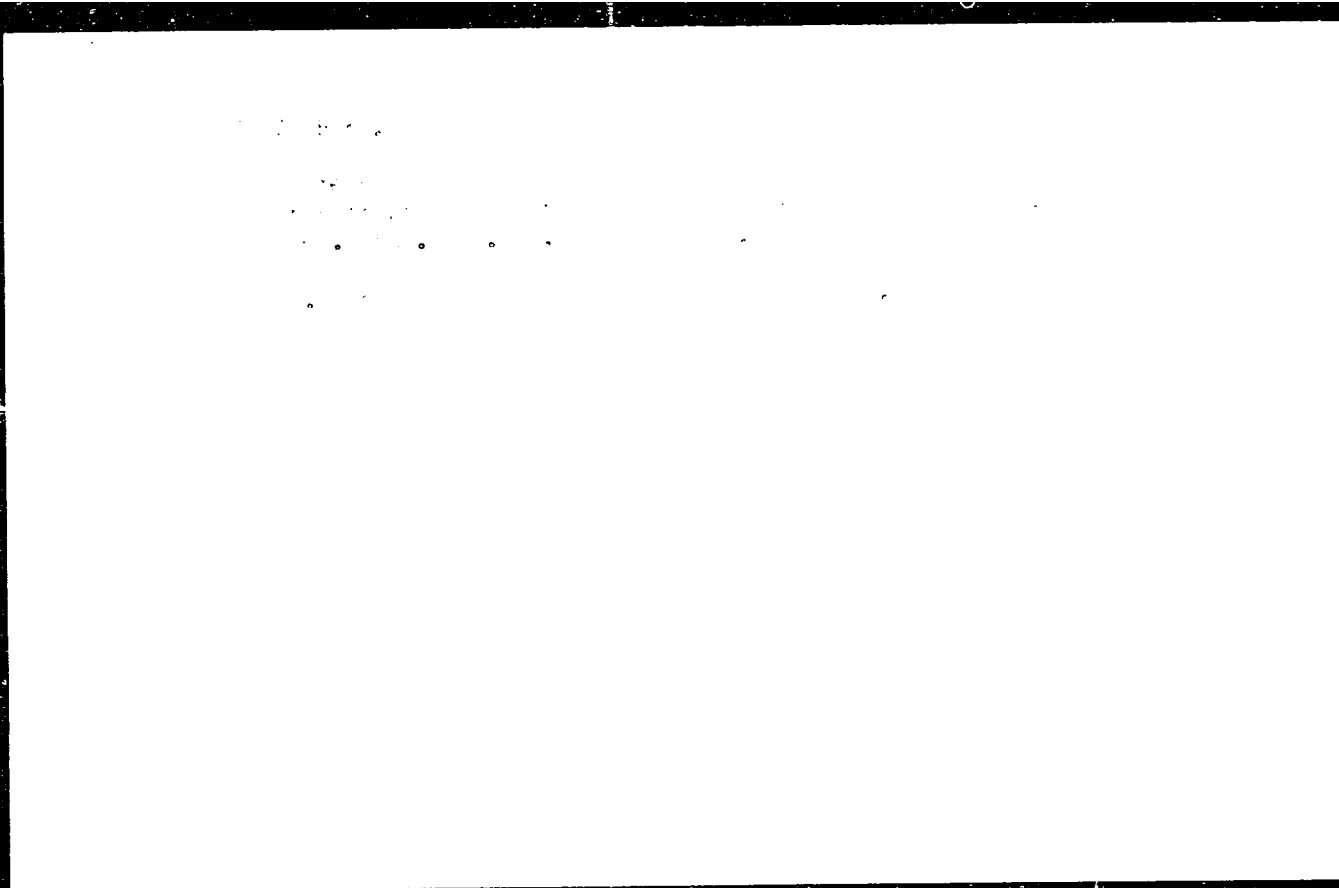
MAGZUMOV, B. Kh., Cand of Med Sci -- (diss) "Data for the Clinico-Roentgenological Diagnosis of the Tubercular Destruction of the Intestine," Tashkent, 1957, 45 pp (Tashkent State Med Inst) (no. 1-10, 1957)

✓  
ABRAROV, B.A.; VOLOKHVYANSKIY, A.M.; MAGZUMOV, B.Kh.; STOLYANOVSKIY, Ye.A.

Organization of tuberculosis control in the virgin territories of  
Uzbekistan (barren steppes). Probl. tub. 38 no. 5:8-10 '60.

(MIRA 14:1)

(UZBEKISTAN—TUBERCULOSIS—PREVENTION)



abstr. 201, 2

Reference on the article "Tehnica și Electrotehnica." P. 201.  
1955. (Asociația Stiintifică a Inginerilor și Tehnicienilor din  
România și Ministerul Energiei Electrice și Industrii Electrotehnice)  
București. Vol. 3, no. 11, Nov. 1955.

So. East European Accessions List Vol. 6, No. 2 September, 1956

MAHALNISCHI, Sultana, inginer (Eucuresti)

Arithmetical problems composed by the daily press. Gaz mat fiz  
13 no.12:633-639 D '61.

MAHALNISCHI, Sultana

Exercises and problems for the classes V-VIII; E: 1805.  
Gaz mat B 13 no.3:175 Mr '62.

MAHALNISCHI, Sultana, ing. (Bucuresti)

Algebra problems in dimensioning some pieces. Gaz mat fiz 14 no.11/12:  
627-649 N-D '62.



L 00912-67 EWP(t)/ETI IJP(c) WB/JD

ACC NR: AP6035444

SOURCE CODE: BU/0011/66/019/001/0045/0048

MAHANDJIEV, D., BLIZNAKOV, G., Institute of General and Inorganic Chemistry,  
Bulgarian Academy of Sciences

"Catalytic Activity and Magnetic Properties of Nickel Oxide with Additives  
of Lithium Chromium in Oxidation of CO to CO<sub>2</sub>" <sup>6</sup> <sub>27 27</sub> 62  
B

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 1, 1966, pp 45-48

Abstract: English article Papers dealing with the catalytic oxidation of CO to CO<sub>2</sub> on nickel oxide doped with various additives contain numerous mutually contradictory assertions. Consequently, to contribute to the clarification of the problem, the authors carried out experiments earlier which showed that when nickel oxide passes from the antiferromagnetic into the paramagnetic state as a result of the increase of oxygen in excess of the stoichiometric amount,  $E_a$  of the reaction  $CO + 1/2 O_2 \rightarrow CO_2$  increases sharply. Such an effect was also to be expected at Neel's temperature when a specimen passes from the antiferromagnetic into the paramagnetic state. The present paper deals with the catalytic activity of nickel oxide containing lithium and chromium additives, above and below Neel's temperature. Results of new experiments indicate that during the interpretation of the catalytic activity of nickel oxide one should take into account 1) the magnetic state of the catalyst, and 2) its electronic state. The article presents a survey of the past view on the subject, and a discussion of the newly acquired data.

This paper was presented by Academician R. Kaishev on November 11, 1965.

Card 1/2

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ACC NR: AP6035444

Orig. art. has: 2 figures. [JPRS: 36,862]

TOPIC TAGS: nickel compound, lithium, chromium, magnetic property, nonmetal catalyst

SUB CODE: 07,20 / SUBM DATE: 11 Nov 65 / ORIG REF: 001 / OTH REF: 011  
SOV REF: 004

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Card 2/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-33  
Application. Cellulose and Its Derivative. Paper.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17804

Author : Mahdalik, M.

Inst : Not given

Title : Difficulties Arising from the Presence of Rosin in the  
Manufacture of Cellulose and Paper

Orig Pub : Papir a celuloza, 1957, 12, No 2, 32-34

Abstract : A number of measures leading to the elimination of  
difficulties arising from the presence of rosin are  
reviewed. It is recommended, in particular, to utilize  
aged wood (that was stored for 1 - 2 years) as a raw  
material, and in the digestion step to use liquor of  
high SO<sub>2</sub> content together with high operating pressure  
and increasing temperature so that at the end of the  
digestion process it would reach 160°. It is also

Card 1/2

MAHATAIK, M.

Effect of pulp drying on its absorbency. p.73.  
(Papir A Celulosa, Vol. 12, No. 4, Apr. 1967, Praha, Czechoslovakia)

SC: Monthly list of East European Accessions (TEAL) II. Vol. 4, No. 4, Sept. 1967. Uncl.

MAHDALIK, M.

Effect of drying on dissolving pulp. II. p.97.  
(Papir A Celulosa, Vol. 12, No. 5, May 1967, Praha, Czechoslovakia)

SC: Monthly list of East European Acquisitions (EEA) 10. Vol. 1, No. 9, Sept. 1967. Incl.

MAHEAL 5 m

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 4. - Cellulose and Its Derivatives, Paper.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 63075.

Author : Ivan Slavik, Miroslav Mandalik.

Inst : Not given.

Title : Effect of Drying on Viscose Cellulose. III.

Orig Pub: Papir a celuloza, 1957, 12, No 6, 121 - 123.

Abstract: The results of studies of the effect of drying on the properties of viscose cellulose are discussed. Not only drying, but also the state of cellulose before the drying have their effect on the cellulose properties. See report II in RZhKhim, 1958, 41829.

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MAHDALIK, M.

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

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

Author : Mahdalik.

Inst : Not given.

Title : Determination of Detrimental Rosin by Means of  
Cellulose Floatation. Certain Modifications of  
the Original Determination Method.

Orig Pub: Papir a celuloza, 1958, 13, No 4, 77-78.

Abstract: All the known methods for the determination of  
detrimental rosin have been investigated and it  
was concluded that the Strel and Tevens' method  
gives most accurate results. This method has been

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. 1:  
Cellulose and its Derivatives. Paper.

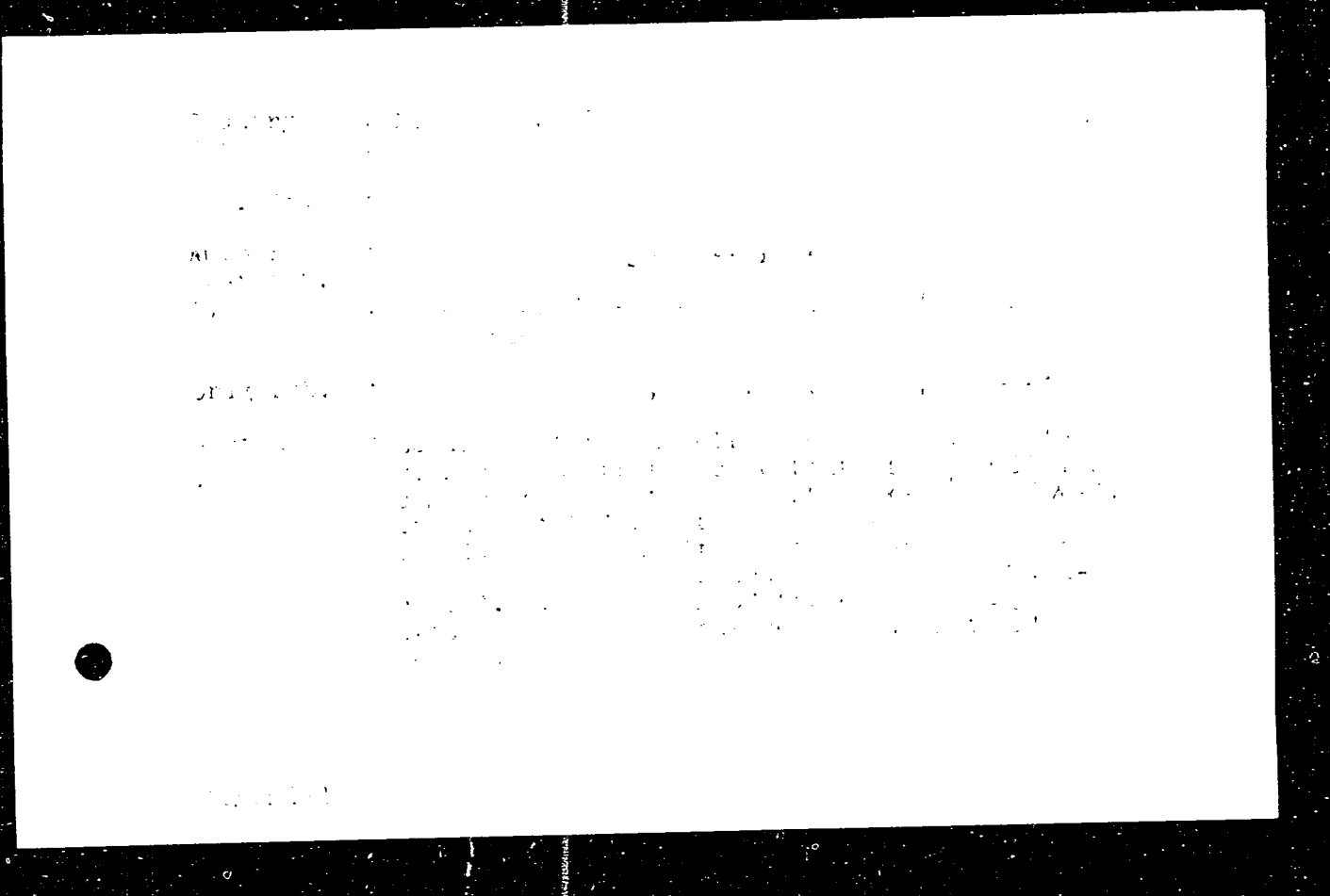
Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69409.

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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DECLASSIFIED : 01/21/2004  
CAT: 0001  
APPROVED FOR RELEASE : 06/20/2000  
ADDITIONAL :  
FROM :  
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REMARKS :

MAHĀLIK, Miroslav, inž., ČSc.

"Wood extractives and their significance to the pulp and paper industries" by W.E. Hillis. Reviewed by Miroslav Mahalik.  
Drevo 18 no.8:310 Ag '63.

KUFFER, A., inz.; MAHDALIK, M., inz., CSc.

"Wood utilization by chemical processing" by J. Sandermann.  
Reviewed by A. Kuffer, M. Mahdalik. *Papir a celuloza* 18 no. 4:  
194 S '63.

1. Vyskumny ustav papieru a celulozy (for Kuffer).
2. Slovenska akademia vied (for Mahdalik).

MAHDALIK, Miroslav, inž., CSc.; SUTY, Ladislav, inž.

"Wood extractives and their significance to the pulp and paper industries" by W.E.Hillis. Reviewed by Miroslav Mahdalik, Ladislav Suty. Papir a celuloza 18 r. 11:233-234 N'63.

SUTY, Ladislav, inz.; MAHDALIK, Miroslav, inz.; ŠEVČEK, František, inz.

Ultraviolet spectrophotometric determination of linoleic and  
linolenic acids in poplar extracts. Paper A presented at  
no.12 237-238 P. 163.

1. Katedra chemickej technologickej spravy a chemických vied  
Slovenskej vysokej školy technickej a ľemiskej Bratislava  
Slovenskej akadémie vied, Bratislava.

MANEL, M.

"Evaluation of the most Important Works of Giorgio Strehler in the Central Mountain Range of the Western Carpathians." . . . (BIOLOGICKY ČASOPIS, Vol. 4, No. 1/2, 1973; Bratislava, Czech.)

So; Monthly List of East European Acquisitions, (SEAL), 1973, Vol. 1, No. 1, April 1973, Uncl..

MAHEL, M.

"Certification of the... of the Northern..."  
(ENCL) ENCL. ...

...: Monthly List of Latin American Arrests, (ENCL), ...  
No. ..., April 19..., Incl..



AMBL, M.

"Some Soviet publications on the work of the 'Bureau'" p. 11.  
(GEOLOGICAL JOURNAL, Vol. 1, No. 1/2, 1953; p. 11.)

So: Monthly List of East European Acquisitions, (Soviet), 11, 1953, No. 1, April 1953, Inc...

MAHEL, M.

MAHEL, M. Study of the overthrust structure of the central Western Carpathian Mountains. p.3.

No. 3, 1955, GEOLOGICKE PRACE; ZPRAVY, BRATISLAVA, CZECHOSLOVAKIA.

SG: Monthly List of East European Accessions. (EEAL), LC, Vol. 5, No. 10, Oct. 1956.

MAHEL, M.

"Stratigraphic problems of the covering series of the Little Carpathians". P 5.

GEOLOGICKE PRACE; ZPRAVY, (Slovenska akademia vied. Geologicky ustav  
Dionyza Stura) Bratislave, Czechoslovakia, No. 4, 1955.

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

Czechoslovakia/Cosmochemistry. Geochemistry. Hydrochemistry D  
Abs Jour : Referat. Zhurnal Khimiya. No 6, 1957, 18934.  
Author : Michal Mahel, Anton Biely.  
Inst : -  
Title : Genetic Connection Between Vesicular Dolomites and Gyp-  
siums in the North Gemerid Werfen.  
Orig Pub : Geol. Práce. SAV. Zprávy, 1956, No 6, 53-55.

Abstract : The genetic connection between vesicular dolomites  
and sulfates deposited under the conditions of the re-  
gressing sea was surmised first and later established  
by drilling. In the opinion of the author, the pre-  
sence of vesicular dolomites may serve as an out-of-  
the-ordinary indicator of gypsum occurrence in fur-  
ther research.

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MAREL, M.

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Periodicals: GEOLOGICKE PRACE; ZPRÁVY. No. 14, 1958

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List of last 10 years of research (1947-1957) in the field of geology, geophysics, and paleontology.

*[Faint, mostly illegible text from a document page]*



Page 1

MAHEL, Michal

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"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001031410011-9

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*Milich, Vladimir. Über Kurven sechster Ordnung die in  
quadratischen Inversionen mit einem gemeinsamen  
Hauptpunkteck invariant sind. Časopis Pěst. Mat.  
80 (1955), 284-298. (Czech, Russian, and German  
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The investigations of the paper reviewed above are  
carried out for curves of order 6 in the case where the  
quadratic transformations have three fundamental points.  
*F. A. Behrend (Melbourne)*

2  
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11

MAHIC, Hazim (Cspt)

Chief, Vet. Section, 38 Serbian Division, 6th Army, Yugo

MAHKOTA, S.

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Aortic coarctation and its surgical treatment. Zdrav. vest.,  
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1. Kururgicna klinika Medicinske visoke sole v Ljubljani (predstojnik  
prof. dr. Bozidar Lavric)- Interna klinika Medicinske visoke sole  
v Ljubljani (predstojnik prof. dr. Igor Tavcar)  
(COARCTATION OF AORTA, surg.)

MAHKOTA, Stanislav

Urgent treatment of acute cardiac conditions. Zdrav. vest.,  
Ljubljana 23 no.7-8: 159-162 1954.

1. Interna klinika Medicinske visoke šole v Ljubljani, predstojnik  
prof. dr. Igor Tavcar.  
(HEART DISEASES  
cardiac emergencies, management)

MAHKOTA, S.; DOLAR, P.

Clinical value of the blood protein picture (proteinograms).  
Zdrav. vest., Ljubljana 24 no.5-6:187-193 1955.

1. Interna klinika medicinske fakultete--predstojnik prof. dr.  
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(BLOOD PROTEINS, determ.  
electrophoresis, technic, clin. importance (Slov))

(ELECTROPHORESIS,  
of blood lipids, clin. importance (Slov))



MAHKOVA, STANISLAW

CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism. Lipidic Metabolism. T-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45763

Author : Mahkova, Stanislav

Inst :

Title : Problems of Hyperlipemia.

Orig Pub : Zdravstv. vestn., 1957, 26, No 5-6, 223-229

Abstract : In this paper the definition of hyperlipemia (H) is presented and the theory of H pathogenesis is described. It is noted that opacification (lactescence) of serum is caused by increased contents of neutral fats, mainly of the -fraction. A case of permanent H in diabetes (in an obese patient) is described, as well as 2 cases of essential H. Bibliography, 20 titles.

Card 1/1

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I. Interna klinička medicinske Fakulteta u Ljubljani (1954-55).  
Učitelj: Prof. dr. S. Mankota).

MAHKOTA, Stanislav

Epidemiology of diabetes in Slovenia. Zdrav. vestr. 33 n. 3:52-54  
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1. In the Republic of Slovenia, the prevalence of diabetes mellitus is  
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MAHKOTA, S.; ...; PUSENJAK, T.

A case of aproteinemia. Izv. v. 34 no. 5/6: 195-199

1. Interna klinika medicinske fakultete v Ljubljani (pred-  
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LOOMI LUGU (Eesti LII Teaduste Akadeemia) Tartu, Estonia, Vol. 3, no. 2, 1977.

Monthly List of East European Acquisitions (SERI), 10, no. 4, July, 1961.  
Incl.

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edema ... ..

1. ... ..  
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Mahler, K.

FA 1-2T70

USSR/Mathematics - Approximations May/June 50

"A Theorem of Dyson," K. Mahler, Manchester

"Matemat Sbornik" Vol XXVI(68), No 3, pp 457-462

Mahler proves theorem containing main result of Dyson (theorem 2) as a partial case, by a method considerably simpler and based upon Minkovskiy's theorem of linear forms. Dyson's work represents generalization of Khinchin's transfer theorem to a matrix of real numbers. Submitted 23 Sep 48.

162T70

MAHLER, KURT

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Mahler, Kurt. On the minima of compound quadratic

forms. Czechoslovak Math. J. 5(80) (1955), 180-193.

(Russian summary)

[The second last review is quoted as I]. Let  $(a_{hk})$  be symmetric and let  $F(X) = \sum_{h,k=1}^n a_{hk} x_h x_k$  be positive definite. Then  $(\alpha_{mn}^{(p)})$  also is symmetric and  $\Phi^{(p)}(\Xi) = \sum_{m,n=1}^n \alpha_{mn}^{(p)} \xi_m \xi_n$  is also positive definite. Let  $0 < m_1 \leq m_2 \leq \dots \leq m_n$  [ $0 < \mu_1^{(p)} \leq \dots \leq \mu_N^{(p)}$ ] denote the successive minima of  $F(X)$  in  $L_0$  [of  $\Phi^{(p)}(\Xi)$  in  $\Lambda_0$ ]. Define  $M_k$  as in I. Let  $G_n$  denote the unit sphere in  $R_n$ . Theorem 1:  $\Delta(G_n)^{2p} M_k \leq \mu_k^{(p)} \leq M_k$  [ $k=1, 2, \dots, N$ ]. It implies Theorem 2:  $\Delta(G_n)^{2p} m_1^{(p)} \leq \mu_1^{(p)} \leq \Delta(G_n)^{-2} m_1^{(n-p)/(n-1)}$  if  $|a_{hk}| = 1$ . Theorem 3:  $\Delta(G_n)^{2N} \leq \mu_\eta^{(p)} \mu_{N-\eta+1}^{(n-p)} \leq \Delta(G_n)^{-2}$  [ $\eta=1, 2, \dots, N$ ]. The final Theorem 4 shows that Theorem 3 of I holds with  $c_7 = n^{-p/2} \Delta(G_n)^p$  if  $L := L_0$ ,  $\Lambda := \Lambda_0$ .

*Mahler - F/W*

P. Scherk (Saskatoon, Sask.)

*RSW 2/57*



MAHLER, K.

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ACTA ARITHMETICA. (Polska Akademia Nauk. Instytut Matematyczny) Warszawa, Poland. Vol. 5, no. 2, 1959.

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MAHNER 5

NAGY, Janos; REM, Lajos; KOVESDI, Antal; CSERVENKA, Janos; BEREI, Gabor;  
KOVARI, Lasso; MAHNER, Sandor

Domestic news. Bany lap 95 no.10:67-69? 0 '62.

MAHNERT, A.; MOSER, H.

The significance of functional mesenchymal disorders for the  
pathological process in cancer. Krebsarzt 5 no.11-12:272-280  
1 Dec 50. (CJML 20:5)

1. Of the Surgical Clinic of Graz University (Head--Prof.Franz  
Spath,M.D.).

MAJERO, F.

Supply and demand for special rolled, wrought, and cast steels.  
p. 529 . First consultation on development of mining and smelting  
lead and zinc in Yugoslavia. p. 537. TEHNIKA (Savaz inženjera i  
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SOURCE: East Europe Accession Lists (EEAL),  
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CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. -  
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No. 2, 1957, 27604.

Author : H. Mahova

Inst :

Title : Microscopic Analysis of Slag from Dumps near Tisovec.

Orig Pub: Stavivo, 1956, 34, No. 6, 311-313

Abstract: The results of an analytical study of slag from Tisovec and of  
the determination of its activity are given. See also RZhKhim,  
1957, 12666.

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МАКHOVA, V. M. (Name) (Last Name)

Normography of the Ident. ... (No. 12-11) ... (No. 14)

MAHOVSKY, Jan; MAREK, Svatopluk

Study of mineral oils by the infrared spectrophotometry.  
Ropa a uhlie o no. 6:147-148 My '64.

1. Research Institute of Rubber and Plastic Technology,  
Gottwaldov (for Mahovsky). 2. Chair of Petroleum,  
Slovak Higher School of Technology, Bratislava (for Marek).

ILLES, Laszlo; MAHR, Jeno

Frequency of flying closures in some of our commercial airfields.  
Idojaras 66 no.3:183-187 My-Je '62.



ADAMY, Laszlo; MAHR, Jeno

Some data on the thunderstorm climate of the regions of  
Nyiregyhaza and Szeged. Idejaras 67 no.4:2:6-232 J1-Ag 153.

LEPP, Ildiko; MAHR, Jeno

The second Budapest meeting of the working group of aviation meteorologists. Idojaras 67 no.5:313-314, S-0 '63.

MAHRBURG, S.

Achievements and trends in the development of pathology in Poland.  
Pat. polska 3 no.4:289-300 Oct-Dec 1952. (CLML 24:2)

1. Of the Institute of Pathological Anatomy (Head--Prof. St. Mahrburg,  
M.D.) of Lublin Medical Academy.

MAHRBURG, Stanislaw

Investigations on the effect of Filatov's placental extract on transplantability and development of Crocker's sarcoma in mice. Ann. Univ. Lublin; sec. D 9:59-68 1954.

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w Lublinie.  
Kierownik: prof. dr. med. Stanislaw Mahrburg.

(SARCOMA, experimental,

Crocker's sarcoma, eff. of placental extract on transpl. & develop.)

(NEOPLASMS, experimental,

Crocker's sarcoma, eff. of placental extract on transpl. & develop.)

(PLACENTA,

extract, eff. on Crocker's sarcoma transpl. & develop.)

(TISSUE EXTRACTS,

placenta, eff. on Crocker's sarcoma transpl. & develop.)

MAHRBURG, St.; WYSOCKA, F.; TUSZKIEWICZ, M.; DOBRZANSKA, A.

Case of congenital toxoplasmosis in infant. *Pediat. polska* 29 no.7:  
703-707 July 54.

1. Z Zakładu Mikrobiologii Lekarskiej Akademii Medycznej w Lublinie i  
Działu Antropozoonoz Instytutu Medycyny Pracy Wsi. Kierownik: prof.  
dr med. J.Parnas. Z Kliniki Chorob Dziecięcych Akademii Medycznej w  
Lublinie. Kierownik: prof. dr med. W.Klepacki. Z Zakładu Anatomii  
Patologicznej Akademii Medycznej w Lublinie. Kierownik: prof. dr med.  
St.Mahrburg.

(TOXOPLASMOSIS, in infant and child,  
congen.)

MAHRBURG, Stanislaw (Lublin, ul. 3 Maja 8/9)

Anniversary of prof. Kazimierz Opoczynski. Polski tygod. lek. 12 no.43:  
1671-1672 28 Oct 57.

(BIOGRAPHIES.

Opoczynski, Kazimierz (Pol))

EXCERPTA MEDICA Sec 5 Vol 12/5 Gen. Patol. May 60

1470. PATHOLOGICAL CHANGES IN THE LUNGS OF MICE AFTER INHALATION OF TOBACCO SMOKE - Badania anatomiczno-patologiczne nad zmianami w tkance płucnej myszy po wdychaniu dymu tytoniowego - Magnburg S. Zakł. Anat. Patol. Wydziału Lek. Akad. Med. Lublin - ANN. ENT. M. CURIE-SKŁODOWSKA 1959, 13, 1958 no. sect. D (35-46) illus. 5  
Fifty mice of inbred strain were exposed to smoke of cigarettes for 100-150 days, each day 4 times for 20-25 min. Results: (1) tobacco smoke when inhaled for a short period of time can produce an inflammatory reaction in the parenchymal tissue of the lung, often of a transient character, (2) after the first weeks much blood-derived pigment is deposited in the parenchymal tissue and the alveolar cells; (3) there is a marked difference in the histological pictures after short and long periods of inhalation. Longer exposure is characterized by (a) absence of inflammatory reaction, (b) occurrence of small extravasations in the lung parenchyma, and (c) transformation of the alveolar cells, with proliferation of them into the lumen of the alveoli.  
Dux - Warsaw

MAHRBURG, Stanislaw

A page from the history of pathological anatomy in Poland. Polski  
tygod.lek. 15 no.23:886-893 ó Je '60.  
(ANATOMY hist)



MAHRBURG, Stanislaw; SZYSZKO, Janusz; SOKOLOWSKA-DEKOWA, Antonina;  
PIECHOTA, Jerzy; JENKE, Joachim; PACZOS-CHYDYMOWA, Elzbieta

Histopathological changes in Waldeyer's ring in bronchial  
asthma in children. Otolaryng. pol. 17 no.4:428-432 '63.

1. Z Kliniki Pediatricznej AM w Lublinie (kierownik: doc.dr.  
med. A.Sokolowska-Dekowa) i z Zakladu Anatomii Patologicznej  
AM w Lublinie (kierownik: prof. dr. med. S.Mahrburg).

\*

FENYES, Tibor; MAHUNKA, Imre

A Si semiconductor  $\alpha$ -spectrometer. Magy fiz folyoir 10  
no.1:21-32 '62.

1. Kossuth Lajos Tudományegyetem, Kísérleti Fizikai Intézet,  
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MAHUNKA, Imre; SOMORJAI, Endre

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MAHUNKA, Imre; LAKATOS, Tamas; KISS, Tibor; KAROLYI, Gyula, fizikus;  
BAKOCZY, Mihaly, mernok; CSUKA, Imre, mernok; NAGY, Jozsef,  
mernok.

Charge sensitive amplifier system with low noise level for  
nuclear semiconductor spectrometer. ATOMKI kozl 5 no. 4  
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MAHUNKA, S.

Studies on mites in Hungary (Acaridae and Anoetidae). Acta  
zool Hung 8 no.3/4:423-434 '62.

1. Tier-systematisches Institut der Eotvos L. Universitat,  
Budapest. Direktor: Dr. Endre Dudich.

BALOGH, J. (Budapest VIII., Puskin u.3); MAHUNKA, S. (Budapest, VIII., Puskin u.3)

New Scutacarids from Hungary (Acari: Tarsonemini).  
Acta zool Hung 9 no.1/2:61-66 '63.

1. Zoosystematical Institute, L. Eotvos University of Sciences, Budapest (Director: prof. dr. Endre Dudich).
2. Editorial board member, "Acta Zoologica Academiae Scientiarum Hungaricae" (for Balogh).

... (Bismarck, ...)

Studies in the ...  
Theombidiformal. ...

1. ...  
ten Museums ...

1971-1972, Pakistan, India, and the Middle East. The  
report details the activities of the Central Intelligence  
Agency in the region, including the use of  
intelligence to monitor and influence the situation.



KASSAI, T.; MAHUNKA, S.

Studies on tapeworms in ruminants. II. *Oribotria* as intermediate hosts of moniezia species. Acta veterin. et zool. Hung. 15:2: 227-249 '65

1. Helminthological Research Laboratory of the Department of Parasitology (Director: Prof. S. Kotlan), University of Veterinary Sciences, Budapest, and Zoological Department (Director: Z. Kaszab) of the Hungarian National Museum, Budapest.

BALOGH, J.; KASSAI, T.; MAHUNKA, S.

Studies on tepeworms in ruminants. I. The oribatid fauna of pastures in Hungary. Acta veterin. acad. sci. Hung. 15 no.2: 213-225 '65

1. Zoosystematical Institute (Director: Prof. E. Dudich) of the L. Eötvös University of Sciences, Budapest; Helminthological Research Laboratory of the Department of Parasitology (Director: Prof. S. Kotlan), University of Veterinary Sciences, Budapest, and Zoological Department (Director: Z. Kaszab) of the Natural History Museum, Budapest.

L 31786-66

ACC NR: AP6021649

SOURCE CODE: CZ/0084/65/000/004/0319/0328

AUTHOR: Ingr, Mikulas; Mahut, Pavel; Porubsky, Anton

ORG: none

TITLE: Landslide at Miksova

SOURCE: Geograficky casopis, no. 4, 1965, 319-328

TOPIC TAGS: physical geology, soil behavior, hydrology

ABSTRACT: During excavation work a considerable landslide occurred on a supplying canal of the Miksova cascade. The sliding material, of older Quaternary terraces, menaced the canal. The main causes of the landslide are the geological structure of the territory, the composite hydrogeological conditions and erosive action of the Waag. The land should be stabilized temporarily with sumps and finally by a drainage adit in front of the landslide. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 006

Card 1/1

RUMANIA/Soil Science - Genesis and Geography of Soils.

J.

Abs Jour : Ref Zhur - Biol., No 15, 1953, 67873

Author : Mihale, M.

Inst : -

Title : Some Characteristics of Soil Evolution on the Dobruzha  
Hilly Plain Between Piasa Alba and Constanta.

Orig pub : Izv. acad. agric., 1956, 3, No 11, 13-26.

Abstract : An examination is made of the characteristics of chestnut  
and chernozem soil formation under "plakimyye" conditions  
of the hills, slopes, and in river valleys. Despite simi-  
lar soil-forming rocks (limestone eluvia), the differing  
relief conditions have given rise to soils of differing  
maturity within the confines of Dobruzha. Black steppe  
soils (rendzines and pseud-rendzines) and swampy soils  
are also encountered here. Data are given for determining  
pH, humus, N,  $P_2O_5$ , and metabolizable bases in soils.

Card 1/1