"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMAN, Jos

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation: Institute for Forestry and Game Protection (Vyzkumni ustav lesniho hospodarstvi a myslivosti) Uhraslav na Vltavi

Source: Prague, Sbornik CSAZV, Veterinarni Medicina, Vol 6(34), No 8, Aug 61; pp 665-678

Data: "New Methods to Protect Health of Wild Hoofed Game by Feed Stations in Winter"

LOCHMAN, Jos
PAV, Jaromir;

GPO 981643

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LOCHMAN, Josef, inz.; TVRDIKOVA, Alena, promovany chemik; MELICHAROVA, Aleska

Consumption of nutritive substances by red deer (Cervus e elaphus L.). Les cas 10 no.5:495-522 My '64.

1. Research Institute of Forestry and Game Protection, Zbraslav.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMAN, K.; MANEK, O.

"Calculation and design of steam generators of atomic power plants" by T.Ch. Margulova [Margulova, T.Kh.]. Reviewed by K. Lochman, O. Manek. Jaderna energie 9 no.7:244 Jl '63.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMAN, VIT

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Refinement I-11

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2778

Author : Lochman Vit
Inst : -
Title : Automatic Recording of the Discharged Volume of Diffusion Juice.

Orig Pub : Listy cukrovarn., 1957, 73, No 6, Inform. sluzba, 20-21

Abstract : A description is given, with diagram and calculations, of the design of an automatic, float-actuated device for the recording of diffusion juice being pumped out of the measuring tank. The apparatus is suitable, in general, for the recording of the number of operations performed with any receptacle of intermittent operation.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMAN, Z.; LOUCEK, D.

Preliminary report on mapping the glaciofluvial formation in the Neisse River valley of northern Bohemia. p. 212.
(Sbornik, Vol. 61, no. 3, 1956, Praha, Czechoslovakia)

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

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

VOTIN, E.

"Geomorphology of the northwestern part of the Frydlant area."

p. 111 (Ceskoslovenska Etnografie, Vol. 63, no. 2, 1955), Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEI) LC, Vol. 7, no. 9, September 1958

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

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LOCHMANN, ZDENEK

CZECHOSLOVAKIA

CSSR

LOCHMANN, Zdenek

Geological research -- Dept. of structural geology (Geolog, pruzkum -- odbor staveb. geologie), Prague

Prague, Casopis pro mineralogii a geologii, No 1, 1963, pp 21-28

" Denuded Relics of Eroded Fossil Hulls in thd Pilsen hill region"

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMANN, Zdenek

Demudation relicts of fossil weathered layers of the Plzen hills. Gas mineral geol 8 no.1:21-28 ja'63

1. Geologicky pruskum, odbor stavebni geologie, Praha.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMANN, Zdenek

"River terraces in the Czech Lands" by B. Balatka and J. Sladek. Reviewed by Zdenek Lochmann. Cas mineral geol 8 no.1:111-112 Ja '63.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMANN, Z.

Favine erosions in the northern part of Chodska pahorkatina.
Sbor zem 69 no.3:225-229 '64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMANN, Zdenek

"Terrace system of the Vltava and Elbe between Kralupy and Ceske stredohori" by B. Balatka, J. Sladek. Reviewed by Zdenek Lochmann. Cas min geol 9 no.2:180 '64.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHMANOVA, E. , SPRUNY, K.

Problem of air pollution in Czechoslovakia. p. 510

ENERGETIKA. Praha, Czechoslovakia, Vol. 9, no. 10, Oct. 1959.

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

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

UNANYAN, M.P.; KONDRAT'YEVA, G.V.; LOCHMELIS, A.Ya.; ZAV'YALOV, S.I.; ZEYFMAN, Yu.V.; GAMBARYAN, N.P.; MINASYAN, R.B.; KNUNYANTS, I.L.; KOCHARYAN, S.T.; ROKHLIN, Ye.M.; KAVERZNEVA, Ye.D.; KORSHAK, V.V.; ROGOZHIN, S.V.; DAVANKOV, V.A.; TSEYTLIN, G.M.; PAVLOV, A.I.; ZAKHARKIN, L.I.; OKHLOBYSTIN, O.Yu.; SEMIN, G.K.; BABUSHKINA, T.A.; BILEVICH, K.A.

Letters to the editor. Izv. AN SSSR. Ser. khim. no.1:1909-1914 '65. (MIRA 18:1)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR (for Unanyan, Kondrat'yeva, Lochmelis, Zav'yalov, Kaverzneva). 2. Institut elementoorganicheskikh soyedineniy AN SSSR (for Zeyfman, Gambaryan, Minasyan, Knunyants, Kocharyan, Rokhlin, Korshak, Rogozhin, Davankov, Zakharkin, Okhlobystin, Semin, Babushkina, Bilevich).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHOVSKY, J;KREPELKA, V.

Focal infection in etiology of eczema. Cesk. derm. 27 no.1-2: 48-50 May 1952. (CIML 22:3)

1. Of the Dermatological Department (Head--J. Konopik, M. D.) of State District Hospital, Prague III.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

L 31016-66 T JK

ACC NR: AP6023124 SOURCE CODE: CZ/0060/65/000/006/0264/0268

AUTHOR: Lochovsky, Jan (Colonel; Doctor of medicine); Lukes, Jiri (Lieutenant colonel; Doctor of medicine); Slacalkova, Vlasta (Doctor of medicine) 24 23

ORG: Dermatology Department, Central Military Hospital /headed by Colonel, Doctor of medicine Jan Lochovsky/, Prague (Kozni oddeleni Ustredni vojenske nemocnice); Institute for Sera and Vaccines /directed by Doctor of medicine J. Malek/, Prague (Ustav ser a ockovacich latek)

TITLE: Attempt at immunoprevention of staphylococcal pyodermas

SOURCE: Vojenske zdravotnicke listy, no. 6, 1965, 264-268

TOPIC TAGS: immunization, preventive medicine, military medicine, antitoxin, skin disease

ABSTRACT: Mass immunoprevention by the use of a staphylococcal antitoxin "Alstafan" was attempted. The best dose was 0.2 ml of the solution. In a military unit 221 soldiers were immunized, and 202 not, serving as controls. No clear cut results were obtained. This was due mainly to the fact that very few pyodermas occurred in the unit during the experiment. The authors thank Doctor J. Stepankova of the Institute for Sera and Vaccines for carrying out titrations. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 016 / SOV REF: 010
OTH REF: 008

Card 1/1 UDC: 616.5-002.3-022.71.252-084:615.37
0915

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

ACC NR: AT6029327 (A) SOURCE CODE: CZ/0043/66/000/009/0650/0660

AUTHOR: Furdik, Mikulas (Professor; Engineer; Bratislava); Drabek, Jozef -- Drabek, Y. (Engineer; Candidate of sciences; Bratislava-Predmestie); Ondrejka, Jan--Ondreyka, Ya. (Engineer; Bratislava-Predmestie); Locigova, Irena-- Lotsigova, I. (Bratislava)

ORG: [Furdik] Chair of Organic Chemistry and Biochemistry Department of Natural History, Komensky University, Bratislava (Katedra organickej chemie a biochemie Prirodovedeckej fakulty Univerzity Komenskeho); [Drabek; Ondrejka] Research Institute of Agricultural Chemistry, Bratislava-Predmestie (Vyskumny ustav agrochemickej technologie); [Locigova] Department of Chemistry SVST, Bratislava (Chemicka fakulta SVST)

TITLE: Contribution to research of the insecticidal effect of O,O-dimethyl O-phenyl thiophosphate, respectively O,O-diethyl O-phenyl thiophosphates and phenyl N-methylcarbamate derivatives, especially the role of substituents and their position in the benzene ring

SOURCE: Chemicke zvesti, no. 9, 1966, 650-660

TOPIC TAGS: insecticide, phosphate ester, carbamate ester

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

ACC NR: AP6029327

ABSTRACT: Several new O,O-dimethyl O-phenyl thiophosphate, O,O-diethyl O-phenyl thiophosphate and phenyl N-methylcarbamate derivatives are described. Their insecticidal effect was tested as a function of the substituents in the benzene ring, especially their Hammet σ constant. It was determined that thiophosphates are more easily hydrolized and thus have a higher insecticidal effect when the substituents have a higher σ constant value, while in the case of phenyl N-methylcarbamate a lower insecticidal effectiveness is observed. This confirms the theory that in phenyl N-methylcarbamate—in contrast to the organophosphates—the insecticidal effect is determined by the structure of the entire un-hydrolized molecule of the final material. This explains the seeming discrepancy in the case of m-acethylamino derivative of phenyl N-methylcarbamate. The authors thank Eng. J. Krsek of the analytical section of the Research Institute for Agricultural Chemistry in Bratislava for the analyses. Orig. art. has: 4 tables and 3 formulas. [Based on authors' abstract] [KS] [WA-50]

SUB CODE: 07, 06/SUBM DATE: 10Feb66/ORIG REF: 003/SOV REF: 001/ OTH REF: 017/

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCKA, Alajos

Hungarian chemical literature. Magy kem lap 16 no.2:94 F '61.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

DEZELIC, M.; LOCKOVIC, A.; TRKOVNIK, M.

Polarographic investigation of pyrroleazomethines. Croat chem acta 32 no.1:31-38 '60. (EEAI 9:12)

1. Kemijski Institut, Filozofski fakultet, Univerzitet, Sarajevo, Bosna i Hercegovina.
(Polarograph and polarography)
(Pyrrolecarboxaldehyde)
(Methylenimine)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCHERI, M.

Correct organization of field arrangement on collective farms.

I. 1h (PADOMJU LATIJAS KOLHOZNIEKS) Riga, Latvia Vol. 9, No. 6, June 1957.

SO: Monthly Index of East European Acessions (AMEI) Vol. 6, No. 11 November 1957.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCS, Gyula

Measurement data on higher level regression. Koz fiz kozl MTA 10 no.1:69-76 '62.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

RUPP, Erzsebet; LOCS, Gyula

The expectable shape of the neutron spectrum measured by a mechanical selector. Koz fiz kozl MTA 11 & no.1:67-74 '63.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCS, Gyula, tudomanyos munkatars

Automation of the programming of electronic computers and the ALGOL-60 international formula language. Magy tud 72 no.1:28-37 Ja '65.

1. Central Research Institute of Physics of the Hungarian Academy of Sciences, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr. (Budapest, XI., Fehervari ut 71-73)

Recent contributions to the confirmation of the existence of the metakaolinite state. Acta chimica Hung 38 no.1:59-88 '63.

1. Department of Silicate Chemistry, University for Chemical Industry, Veszprem.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

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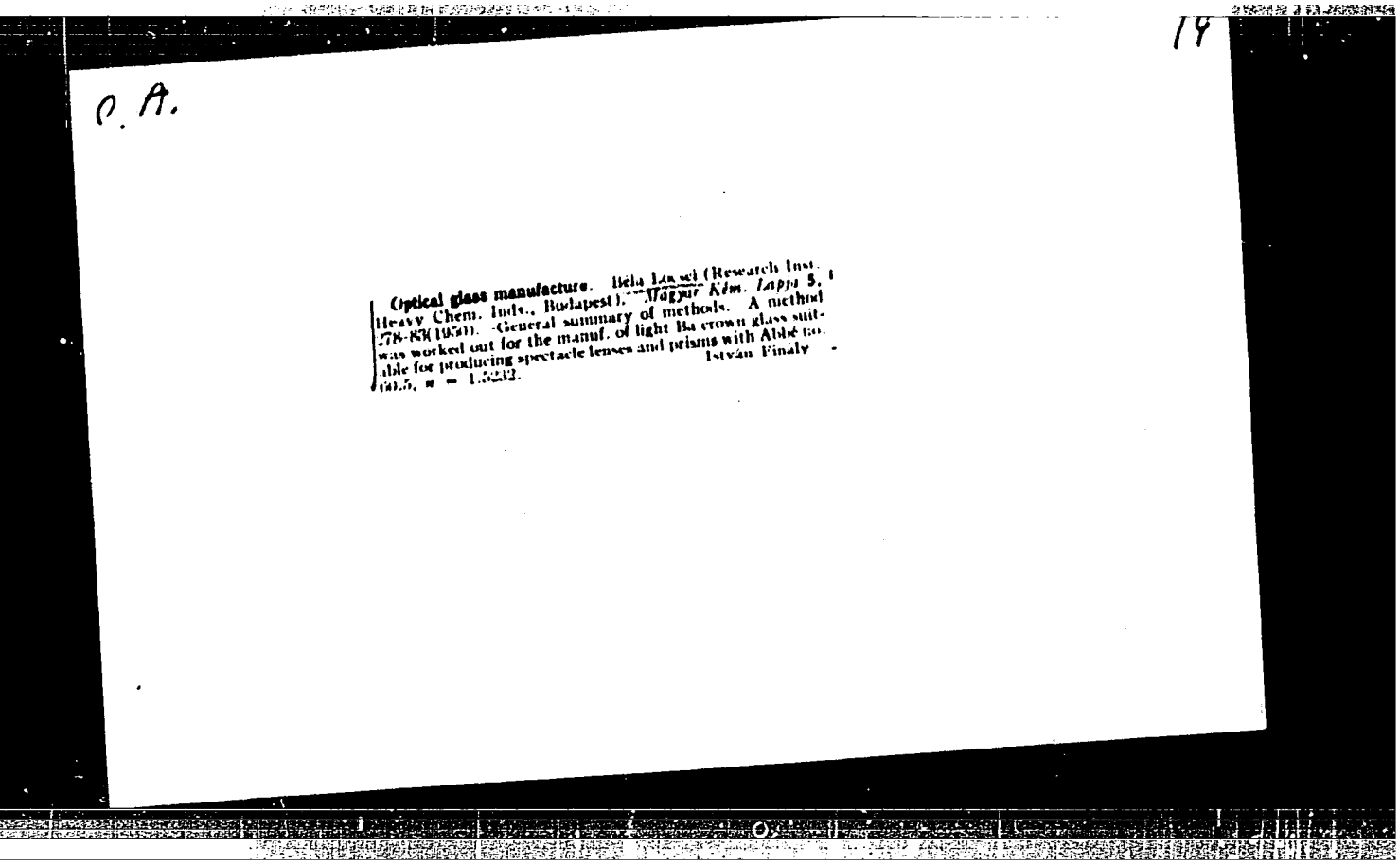

14

O. A.

Optical glass manufacture. Béla Lengyel (Research Inst. Heavy Chem. Inds., Budapest). *Magyar Kém. Lapja* 5, 278-85(1950). -General summary of methods. A method was worked out for the manuf. of light Ba crown glass suitable for producing spectacle lenses and prisms with Abbé no. (D) 5, n_D = 1.5283. István Finály

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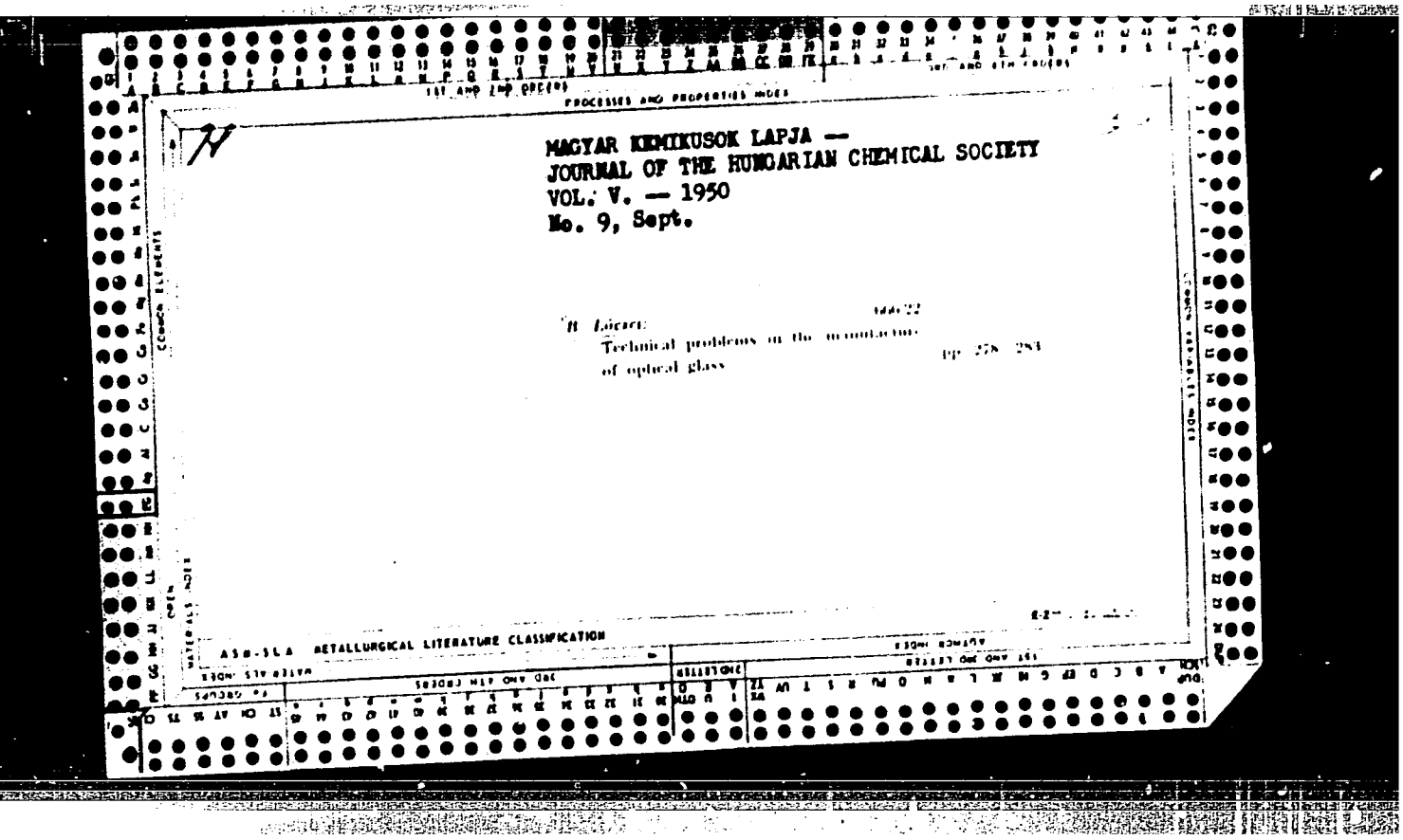

MAGYAR KEMIKUSOK LAPJA —
JOURNAL OF THE HUNGARIAN CHEMICAL SOCIETY
VOL. V. — 1950
No. 9, Sept.

Technical problems in the manufacture of optical glass pp. 278-284

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

Fusion silicates. KÁROLY POLINSZKY AND BÉLA LÖCSEI. *Magyar Tech.*, 9 [4] 216–19 (1954); abstracted in *Chem. Zentr.*, 126 [22] 5163 (1955).—The natural silicate rocks, basalt and granite, are difficult to shape; after melting, the original crystalline structure is lost and can be restored only with difficulty. The Hungarian basalts and diabases are still more difficult as they contain less SiO_2 and Fe_2O_3 and also contain Al_2O_3. The authors therefore tried to make such substances from molten blast-furnace slag with certain additions. After melting, the mixture was cooled, machined in the vitreous state, and made crystalline again by heat-treatment. Such material is nonporous, coarsely or finely crystalline depending on the heat-treatment, and perfectly homogeneous. It is insensitive to temperature fluctuations of 150° to 180° and has an expansion coefficient of 70×10^{-7}, a compressive strength of 8000 kg./cm.², and a Rockwell hardness of 64 to 66. It is very resistant to HCl and concentrated HNO_3 and is insoluble in H_2SO_4. It is cast into plates like plate glass and has a dielectric breakdown of 10 kv./mm. M.H.

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LOSEE, B.

5. Statistical quality control in the mass production of glass goods. [illegible]

The introduction of [illegible] has raised the question [illegible] in the glass industry. Statistical [illegible] of various glass products, such as pressed [illegible] automatic and semiautomatic equipment, [illegible] laboratory glassware, were collected by the Central Research Institute of the Building Materials Industry. The study deals with the curve of distribution of the results of measurements — the characteristic data on mean values, dispersion, rms values, curves of distribution — and with the distribution [illegible] laboratory glassware. The analyzed details and the published examples seem to justify the application of statistical quality control. The tolerances determined by the procedure conform to reality; their [illegible] ceptance would therefore eliminate requirements which are not possible to observe [illegible] facturing technology.

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HUNGARY/Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-13

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44070.

Author : Locsei Dela
Inst :
Title : Possible Improvements in the Technology of Glass Making.

Orig Pub: Epitoanyag, 1957, 9, No 4, 161-168.

Abstract: The glass-melting tank furnaces (TF) in use are of very low efficiency. In the TF only 10-20% of the thermal energy are utilized directly in the process of glass melting. Experiments have shown that the melting takes place much more rapidly on using a briquetted charge which is subjected to preliminary melting in shaft furnaces

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, B

110. On the preparation of a SiO_2 material suitable for the production of glass permeable to ultraviolet rays. B. Lőcsei, O. Kuszn. *Építőanyagipari Központi Kutató Intézet* [Central Research Institute for the Building Materials Industry]. Report No. 84, 1958, 16 p., 3 figs., 2 tabs.

It was found that sand of thousandth per cent order of size containing Fe_2O_3, TiO_2 and CrO cannot be prepared by flotation since the mineral particles separating during flotation are only 0.1–0.2% of the total quantity of material. The problem cannot be solved either by acid treatment (boiling, autoclaving) or by the reduction of particle sizes because the above contaminating oxides do not enrich certain places but are evenly distributed in the sand grains. Further experiments were conducted by means of digestion. Basic material containing SiO_2 of sufficient purity for the manufacture of glass types permeable to ultraviolet rays can be produced by the following method: after precipitating the silicic acid by means of sulphuric acid from water glass digested with sodium sulphate, the precipitate is dehydrated and the silica eluted, filtered and ignited until free of sulphate.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, B.

New possibilities of producing molten silicates. p.247.

EPITOANYAG. Budapest, Hungary. Vol. 11, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOGSEI, Bela

New experimental data of the effect of mineralizers and of composition at the crystallization of fused silicates. Acta chimica Hung 22 no.1: 2-25 '60. (EEAI 9:9)

1. Central Research Institute for Building Materials, Budapest. Presented by M.Korach.
(Silicates)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

G/005/61/012/002/002/003
B120/B202

AUTHOR: Lőcsei, Béla

TITLE: Zirconium sand as feldspar substitute in hollow glassware

PERIODICAL: Silikattechnik, v. 12, no. 2, 1961, 64-66

TEXT: Since in Hungary feldspar which in the glass industry is used as Al_2O_3 source has to be imported, the author studied the possibility of replacing it by other raw materials. Al_2O_3 and $Al(OH)_3$ are too expensive and their treatment is too difficult, kaolin contains too much Fe_2O_3 and its Al_2O_3 content is too low. According to K. Kühne (Ref. 1) the properties of the glass-forming ions Ti^{4+}, Bi^{5+}, Sn^{4+} and Zr^{4+} are similar to those of Al. From the economic point of view only the use of ZrO_2 as Al_2O_3 substitute seems favorable. Zirconium sand of the following composition was used as raw material: 30.31% SiO_2, 0.88% Al_2O_3, 0.97% Fe_2O_3, 5.00% TiO_2, 0.76% CaO, traces of MgO, no alkali oxides, 62.44% ZrO_2. Since feldspar contains about 74% SiO_2 and about 9% alkali oxides, quartz sand and soda had to be added to the batch when using zirconium sand.

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Zirconium sand as feldspar substitute...

In the glass factory in Sajószentpéter 98 kg feldspar were necessary to produce 1 t of glass, however, only 18-24 kg of zirconium sand. TiO_2 which is contained in the zirconium sand has more pronounced properties than ZrO_2, a content of about 1% Fe_2O_3 gives an Fe_2O_3 content of 0.17 kg per 1 t of glass, 0.30-0.40 kg are introduced by feldspar. Since the feldspar composition fluctuates, in zirconium sand, however, remains constant, it is possible to obtain a more constant glass quality. Various test batches were made (see Table 3), and the glass viscosity was determined as a function of temperature (Table 4, data in °C) to determine the most favorable ZrO_2 content, to explain the effect of the change of SiO_2, alkali oxide, and alkaline earth oxide content on addition of zirconium sand on the viscosity, meltability, and workability of the glass, and to study the possibility of improving the meltability by adding AlF_3 (CaF_2 caused stronger corrosion of the refractory material of the melting tanks). Glasses 1-3 were molten in amounts of 1 kg in chamotte crucibles, 4-7 in amounts of 5 kg in quartz crucibles recrystallized into cristobalite, 8-12 were molten in a 30-t-furnace. Table 4 shows that the substitution of ZrO_2 for Al_2O_3 increases the softening temperature of the

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Zirconium sand as feldspar substitute...

glass. When substituting zirconium silicate for Al_2O_3 in a weight-per-cent ratio (60% of Al_2O_3 by ZrO_2, 40% of ZrO_2 by SiO_2) the difference between the softening temperature is smaller. By adding alkaline earth oxides the viscosity-increasing effect of ZrO_2 can be compensated. Glass in which Al_2O_3 was replaced by ZrO_2 by 60%, by SiO_2 by 15%, and by CaO and MgO by 25%, shows the same softening and processing temperature as the original glass with a content of 1.8-2.0% Al_2O_3. Glass 4 on Table 3 in which Al_2O_3 was replaced by 60% by ZrO_2 and by 40% by CaO and MgO has a softening and transformation temperature which is by 15°C lower than in the non-substituted glass and by 25°C lower than in the glass substituted by zirconium silicate. During the large-scale industrial experiments conducted at Sajószentpéter the composition of the batch was changed continuously without interruption of production: (glasses 9-12 on Table 3): First 2/3 old and 1/3 fresh mixtures were used, in the following, 2/3 fresh and 1/3 old, and finally only fresh mixtures were melted. Each step took about 3-4 days. The slight increase in viscosity caused by the ZrO_2 addition produced favorable effects, i.e. the number of hair cracks in the glass was reduced. The addition of 1.5% zirconium silicate to the

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

Zirconium sand as feldspar substitute...

bottle glasses caused a more rapid solidification and thus better workability. Glasses used to produce electric light bulb envelopes were made more stable to hydrolysis by replacing 0.5-0.7% SiO_2 by ZrO_2; their workability was improved by replacing 0.20-0.25% SiO_2 by alkaline earth oxides. The authors conclude that when replacing feldspar by zirconium sand in the glass production the production costs can be lowered and the quality of the glass improved. There are 2 figures, 5 tables, and 1 non-Soviet-bloc reference.

ASSOCIATION: Zentrales Forschungsinstitut für Baustoffe, Budapest
(Central Research Institute of Structural Material, Budapest)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

IOCSEI, Bela, dr.

Preparation of high fireproof heat-insulating furnace structural materials. Epitoanyag 13 no.11:405-412 N '61.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Preparation of alkali-free corundum crystallizing in laminae. Veszprem vegyip egy kozl 6 no.1:29-35 '62

Increasing the Al_2O_3 content in acid refractory materials, respectively the quantity of mullite formation in such substances. Ibid.:37-48

1. Veszpremi Vegyipari Egyetem Szilikatkemiai Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Kinetics of phase transition in connection with the preparation of melted heat-resisting mold bodies. Veszprem vegyip egy kozl 6 no.2:117-128 '62.

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Development of amorphous metaphase from the reaction of kaolinite and aluminum fluoride and its significance in mullite formation. Veszprem vegyip egy kozl 6 no.2:129-155 '62.

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

KOCSIS, Geza; SOMOGYI, Antal; LOCSEI, Bela

Data on corrosion mechanism of enamels. Pt.1. Veszprem vegyip egy kozl. 6 no.2:157-164 '62.

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Mullite formation in the systems containing AlF_3.
Veszprem vegyip egy kozl 6 no.3:217-242 '62.

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI Bela; KOCSIS, Geza; SOMOGYI, Antal

Technologic parameters of manufacturing tempered safety glass. Veszprem vegyip egy kozl 6 no.3:243-250 '62.

1. Veszpremi Vegyipari Egyetem Szilikatkemia Tanszek.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Data on the solid-phase reaction kinetics of aluminum fluoride and silicon dioxide. Epitoanyag 14 no.2:48-50 F '62.

1. Epitoanyagipari Kozponti Kutato Intezet, Veszpremi Vegyipari Egyetem

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

S/081/62/000/023/066/120
B180/B144

15 2430

AUTHORS: Lőcsei, Béla, Szabó, Lajos, Szőllősi, József

TITLE: Fused refractory with high corrosion resistance

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 493-494, abstract 23K429 (Hung. pat. 148857, December 31, 1961)

TEXT: Chrome-magnesite bricks have some exceedingly valuable qualities, but they are not suitable for the glass industry as their iron content may turn the molten glass green. The patent proposes that a fused refractory on chromite ore base should be used for this purpose. The ore is melted in an arc furnace and poured into a mold made of graphite, fused hematite or zirconium sand. Harmful iron and silicon impurities are either removed by combining them to form FeSi, or NH_4NO_3 or $(NH_4)_2SO_4$ is added to the fused mass in quantities calculated so that all the FeO will go to form spinel. The SiO_2 is fixed by adding Al_2O_3 to form mullite. The ferrosilicon collects on the bottom of the arc furnace and can be used for other purposes; and the chrome spinels formed have refractory properties and chemical resistance which make them highly suitable for lining glass furnaces. [Abstracter's note: Complete translation.]

Card 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Effect of microeutectics on the changes of the physicochemical properties of glasses. Epitoanyag 14 no.7:241-245 Jl '62.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Mullite formation at low temperatures in the $Al_2Si_2O_5/OH/_4$- AlF_3 system. Epitoanyag 14 no.10:353-355 O '62.

1. Epitoanyagipari Kozponti Kutato Intezet, Veszpremi Vegyipari Egyetem.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Contributions to the kinetics of mullite formation in the system aluminum-fluoride-silica. I. Acta chimica Hung 33 no.2:197-210 '62.

1. Central Research Institute of Building Industry, Budapest, XI., Fehervari ut 71-73.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Processes occurring in ceramic products during their burning. Pt. 1. Veszprem vegyip egy kozl 7 no. 2:93-115 '63.

1. Chair of Silicate Chemistry, Chemical Industry University, Veszprem.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, B., cand. of chem. sc.

Preparation of porous ceramic wares on mullite and corundum base. Acta techn Hung 44 no.1/2:11-49 '63.

1. Central Research Institute for Building Materials, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Mullite enriched porcelain. Epitoanyag 15 no.5:157-162 My '63.

1. Veszpremi Vegyipari Etyetem Epitoanyagagipari Kozponti Kutato Intezete.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela, dr.

Thermogravimetric investigation of mullite formation occurring in the kaolinite-AlF_3 system. Epitoanyag 15 no.9:329-337 S '63.

1. Epitoanyagipari Kozponti Kutato Intezet.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Effect of low-quantity aluminum fluoride on the phase changes of Grossalmerode clay. Epitoanyag 16 no. 2:67-74 F '64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Resistance of melted silicates to corrosion. Magy kem lap 18 no.11:538-542 N '63.

1. Epitoanyagipari Kozponti Kutatointezet.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Correlation between the softening point of aluminum silicate refractory materials and the mullite phase bound aluminum oxide. Veszprem vegyip egy kozl 8 no.1:29-38 '64.

Processes occuring in ceramic products during combustion. Pt.3. Ibid.:39-48

1. Chair of Silicate Chemistry of the Chemical Industry University, Veszprem. Submitted November 19, 1963, and March 9, 1964.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela dr.

Experiments in the technical development of manufacturing chamotte and corundum-based refractory materials. Koh lap 97 no.1:8-11 Ja'64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, Bela

Effect of small quantity aluminum fluoride additions on the formation of the properties of ceramic products. Epitoanyag 16 no.10:363-370 3 of cover O '64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LCCSEI, E.

Let us improve the tone quality of our sets. p. 127.
The EMG 1911 Servotest voltmeter. p. 128.
RADIOTECHNIKA. (Magyar Onkentes Honvedelmi Szovetseg) Budapest.
Vol. 6, no. 6, June 1956.

SOURCES: EEAL - LC Oct. 1956. Vol. 5 No. 10

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCSEI, P.

Elastic railroad switches. p. 12. KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol. 6, No. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, No. 6, June 1956

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOSY, E.

Budapest regisegei. XIV. kotet (Antiquities of Budapest. Vol. 14); a book review. p. 191.

Vol. 115, no. 3, Mar. 1956
TERMESZET ES TARSADALOM
Budapest, Hungary

Source: East European Accession List. Library of Congress
Vol. 5, No.8, August 1956

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LCCZKA, Alajos

Karoly Than; on the 100th anniversary of the beginning of his professor's activity. Magy kem lap 15 no.4:178-181 Ap '60.

1. Orszagos Muszaki Konyvtar, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from the Hungarian chemical literature. Magy kem lap 15 no.5/6:277-279 My-Je '60.

1. Orszagos Muszaki Konyvtar, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from Hungary's chemical literature. Magy kem lap 15 no.9: 418-419 '60

1. Orszagos Muszaki Konyvtar, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

From Hungary's chemical literature. Magy kem lap 15 no.3:125-127 Mr '60.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from Hungary's chemical literature. Magy kem lap 15 no.8: 377 Ag '60.

1. Orszagos Muszaki Konyvtar, Budapest.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from Hungary's chemical literature. Magy kem lap 16 no. 8
385-388. Ag '61

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

From Hungary's chemical literature. Magy kem lap 17 no.10:477 O '62.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from the Hungarian chemical literature. Magy kem lap 18 no.5:243-244 My '63.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from Hungarian chemical literature. Magy kem lap 18 no.11:566-567 N '63.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos

Abstracts from Hungarian chemical literature. Magy kem lap 18 no.12:610 D '63.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LOCZKA, Alajos (Budapest)

Some Hungarian experiments of interest in the field of petrol chemistry. Magy kem lap 19 no.7:366-369 Jl '64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; LOCZKA, Bela, dr.; SALAMON, Ferenc, dr.; MAJOR, Elemora, dr. chem.

On the pathogenesis of hepatogenic hypoglycemia. Orv. hetil. 106 no.37:1761-1763 12 S'65.

1. Fovarosi Tanacs, Janos Korhaz, I. Belosztaly.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

HUNGARY

HALMOS, Tamas, Dr, SALAMON, Ferenc, Dr, LOCZKA, Bela, Dr, MAJOR, Eleonora, Dr. chem; Capital City Council Janos Hospital, I. Medical Ward (Fovarosi Tanacs Janos Korhaz, I. Belosztaly).

"A New Biological Process for the Testing of Insulin-Like Activity in the Serum."

Budapest, Orvosi Hetilap, Vol 104, No 18, 5 May 63, pages 825-827.

Abstract: [Authors' Hungarian summary] The authors present a new biological test for the determination of insuline-like activity in the serum. The test was developed by the authors. The methodology used for the basis of the new test is presented. Results of the use of the test are discussed. 13 Western references.

1/1

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

HALMOS, Tamas, dr.; SALAMON, Ferenc, dr.; LOCZKA, Bela, dr.; MAJOR, Eleonora, dr. chem.

New biological method for the examination of the insulin-like activity of blood serum. Orv. hetil. 104 no.18:825-827 5 My '63.

1. Fovarosi Tanacs Janos Korhaz, I. Belosztaly.
(BLOOD SUGAR) (INSULIN) (DIABETES MELLITUS)
(DIAGNOSIS, DIFFERENTIAL)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

HALMOS, Tamas, dr.; LOCZKA, Bela, dr.; SALAMON, Ferenc, dr.

Liver damage in infectious mononucleosis. Orv. hetil. 105 no.41: 1937-1939 11 O '64.

1. Fovarosi Janos Korhaz, I Belosztaly.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

HUNGARY

HAINOT, Tamas, Dr, LOCZKA, Bela, Dr, SALAMON, Ferenc, Dr; Capital City Council, Janos Hospital, I. Medical Ward (Fovarosi Tanacs, Janos Korhaz, I. Belosztaly), Budapest.

"Experiences with Butyl Biguanid, a New, Hungarian, Oral Antidiabetic Compound."

Budapest, Orvosi Hetilap, Vol 107, No 41, 9 Oct 66, pages 1938-1939.

Abstract: [Authors' Hungarian summary] A new oral antidiabetic drug, prepared by the Chinoin Pharmaceutical Factory and having butyl biguanid as the active component, was studied by the authors. They concluded that the compound is an effective adjuvant in the treatment of diabetes. The drug was only used in combination with others. 4 Hungarian, 10 Western references.

1/1

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

LODE'OVSKIY, V. YE.

Spinning Machinery

Where comrade Parnev is wrong., Tekst. prom., no. 2, 1952

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODEROVSKIY, V. YE.

Spinning

Work of the staff of the Ivanovo Textile Scientific Research Institute on drawing. Tekst. prom., 12, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODEROVSKIY, V.Ye., kandidat tekhnicheskikh nauk.

Ways of improving drawing equipment. Tekst.prom.14 no.3:18-21 Mr '54. (MLRA 7:5)

(Textile machinery)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODES, Anton, inz.; GURSKY, Juraj, inz.

Thermodiffusion of liquids; diffusion of carbohydrate mixtures. Chem zvesti 15 no.10:765-775 O '61.

1. Katedra ropy, procesov a aparatov Slovenskej vysokej skoly technickej, Bratislava. Authors' address: Bratislava, Kollarove nam. 2, Chemicky pavilon Slovenskej vysokej skoly technickej.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

BENA, J.; LODES, A.

"Chemical engineering" by A. Pilar, J. Beranek, J. Jasansky. Reviewed by J. Bena, A. Lodes. Chem listy 58 no.8:997-998 Ag '64

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

ACC NR: AP6021339 (A) SOURCE CODE: CZ/0009/66/000/003/0171/0172

AUTHOR: Bafrnec, Milan; Lodes, Antonín

ORG: Chair of Chemical Technology Processes and Equipment, Faculty of Chemistry and Technology, SVST, Bratislava (Katedra procesov a zariadení chemickej technológie, chemickotechnologicka fakulta SVST)

TITLE: Dependence of the coefficient of heat conductivity of rubbers on the content of additives

SOURCE: Chemický průmysl, no. 3, 1966, 171-172

TOPIC TAGS: heat conductivity, rubber, chemical composition

ABSTRACT: The authors describe a method of measuring the coefficient of heat conductivity of two types of rubber. A study is made of the influence of the composition of rubber on the coefficient of heat conductivity. Other authors found that materials with crystallic structure have a higher coefficient of heat conductivity than materials with an amorphous structure. The literature of the influence of additives or fillers on the coefficient of heat conductivity is fragmentary and worthless because the mean temperature of the measurements and the exact characteristics of the composition of the material are not given. The dependence of the coefficient of heat conductivity was studied in the case of cis-polyisoprene and copolymer of butadiene

UDC: 678.015
678.04

Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

ACC NR: AP6021339

with acrylonitrile. The measuring instrument used was designed according to Dr. Bock, and based on the principle of the measurement of the coefficient of heat conductivity in a stationary thermal field formed between two plates. It is found that the value of the coefficient of heat conductivity in both cases depends on the content of activated carbon black or silicon oxide. With increased content of activated carbon black and silicon oxide the value of the coefficient of heat conductivity increases markedly. Orig. art. has: 1 table, 1 figure, and 4 formulas.

SUB CODE: 11,20/ SUBM DATE: 15Jul65/ ORIG REF: 001/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

AUTHOR: Lodeyshchikov, V.V. SOV/136-58-12-11/22

TITLE: Some Special Features of Oxidising Roasting of Sulphide Gold-containing Concentrates (Nekotoryye osobennosti okislitel'nogo obzhiga sul'fidnykh zolotosoderzhashchikh kontsentratov)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 12, pp 51 - 56 (USSR)

ABSTRACT: The author presents results of the application of roasting to gold concentrates of various compositions. The apparatus consisted essentially of an externally-heated chamber containing the sample through which air could be passed, the exit gases going through an absorption train for determining the rate of burning off of sulphur. The 25.0 g sample was contained in a fireclay boat, provision being made for stirring. Six Soviet concentrates were studied, covering the composition range: 7.5-38.2% Fe, 0.15-1.9% Cu, trace - 1.0% Zn, 0.06 - 1.53% Pb, 0.8-9.6% As, 0-15.58% Sb, 13.4-39.2% S total, 24.0 - 1423.0 g/ton Au, 51.0 - 1114.0 g/ton Ag. From determinations of rate of desulphurisation as functions of time for various temperatures (Figures 2, 3), it was found that 500 °C is sufficient for a fast rate; in subsequent hydrometallurgical treatment, the products obtained at this

Card1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

Some Special Features of Oxidising Roasting of Sulphide Gold-containing Concentrates

temperature gave maximal gold recovery with all the test materials, indicating that adequate decomposition of gold-containing sulphides was secured. Deviations from the 500 °C optimal produced gold losses, which can be attributed to chemical changes on the gold surface during roasting; these losses were particularly severe with antimony- and arsenic-containing materials. Maximal gold recovery was found to be not always associated with complete de-sulphurisation, in roasting.
There are 3 figures and 3 tables.

ASSOCIATION: Irgiredmet

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODEYSHCHIKOV, V. V., Cand Tech Sci -- (diss) "Behavior of precious metals in the roasting of pyritic concentrates." Irkutsk, 1960. 23 pp; (Ministry of Higher and Secondary Specialist Education USSR, Irkutsk Mining-Metallurgical Inst, Chair of the Metallurgy of Precious Metals); 200 copies; price not given; (KL, 25-60, 132)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODEYSHCHIKOV, V.V.; SKOBEYEV, I.K.; SMAGUNOV, V.N.

Chemical transformations of precious metals in oxidation roasting and their importance for the cyanidation process. Izv. Sib. otd. AN SSSR no. 11:53-62 '60. (MIRA 14:1)

1. Irkutskiy gosudarstvennyy nauchno-issledovatel'skiy institut redkikh metallov.

(Precious metals--Metallurgy)

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LODEYSHCHIKOV, V.V.; SKOBEYEV, I.K.; KHRAMCHENKO, S.I.

Pyrite behavior in the process of roasting sulfide gold-bearing concentrates. TSvet. met. 33 no.10:44-51 O '60. (MIRA 13:10)
(Gold ores) (Ore dressing)

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UKRAINSKIY, M.A., st. nauchn. sotr.; MASKEVICH, M.M.; LODEYSHCHIKOV, V.V., kand. tekhn. nauk; SKOBEYEV, I.K., prof., doktor tekhn. nauk; STAKHEYEV, I.S., kand. tekhn. nauk; KULIKOV, A.V., kand. tekhn. nauk; KULIKOVA, S.Ya., kand. geol.-miner. nauk; POKROVSKIY, L.A.; ALEKSANDROVA, N.N.; YELANSKIY, A.N., st. nauchn. sotr.; TROKSKAYA, Z.I.; BANDENOK, L.I., nauchn. sotr.; VERIGO, K.N.; TEMKO, V.P., red.

[Gold mining industry in capitalist countries; technical and economic survey] Zolotodobyvaiushchaia promyshlennost' kapitalisticheskikh stran; tekhniko-ekonomicheskii obzor. Moskva, 1963. 337 p. (MIRA 17:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy tsvetnoy metallugii. 2. TSentral'nyy nauchno-issledovatel'skiy institut informatsii i tekhniko-ekonomicheskikh issledovaniy tsvetnoy metallurgii (for Ukrainskiy, Yelanskiy, Verigo).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

[redacted], M. P. Cand. Geograph. Sci.

Dissertation: "Fogs of Baykal, Angara and Upper Lena." Inst of Geography, Acad. Sci USSR. 25 Feb 47

SO: Vechernyaya Moskva, Feb, 1947 (Project #17736)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODI, E.

The classification of the waste products of grain milling and grain processing enterprises should be standardized. Muk.-elev. prom. 28 no.2:25 F '62. (MIRA 15:3)

1. Nachal'nik Upravleniya khlebofurazhnogo snabzheniya Ministerstva zagotovok Estonskoy SSR.

(Grain handling) (Grain milling)

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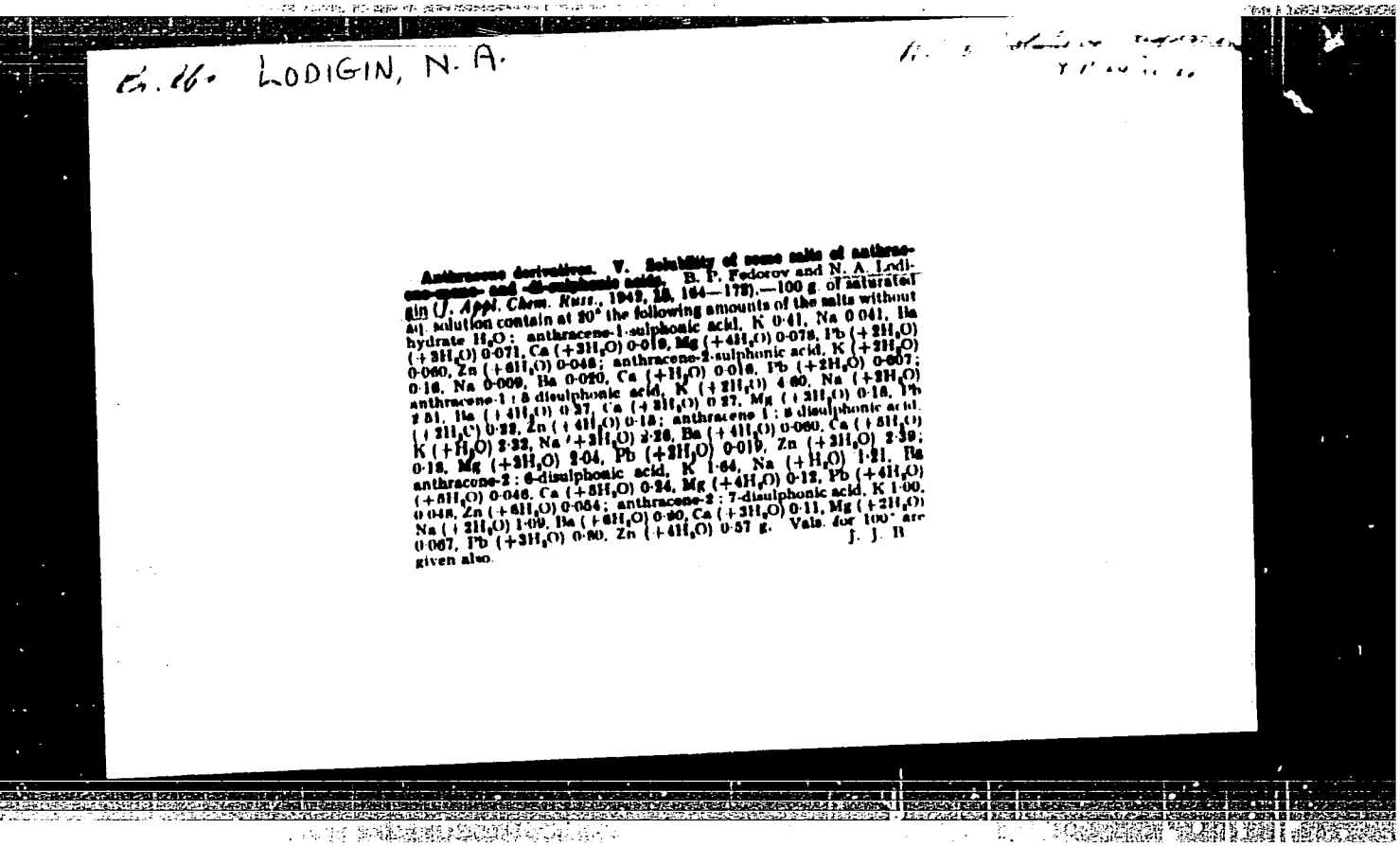

Ch. 16. LODIGIN, N. A.

Anthracene derivatives. V. Solubility of some salts of anthracene-mono- and -di-sulphonic acids. B. P. Fedorov and N. A. Lodigin (*J. Appl. Chem. Russ.*, 1942, **15**, 164—172).—100 g. of saturated aq. solution contain at 20° the following amounts of the salts without hydrate H_2O: anthracene-1-sulphonic acid, K 0·41, Na 0·041, Ba (+$2H_2O$) 0·071, Ca (+$2H_2O$) 0·019, Mg (+$4H_2O$) 0·078, Pb (+$2H_2O$) 0·060, Zn (+$6H_2O$) 0·048; anthracene-2-sulphonic acid, K (+$2H_2O$) 0·16, Na 0·009, Ba 0·020, Ca (+H_2O) 0·016, Pb (+$2H_2O$) 0·007; anthracene-1 : 5 disulphonic acid, K (+$2H_2O$) 4·60, Na (+$2H_2O$) 2·51, Ba (+$4H_2O$) 0·27, Ca (+$2H_2O$) 0·27, Mg (+$2H_2O$) 0·18, Pb (+$2H_2O$) 0·22, Zn (+$6H_2O$) 0·18; anthracene-1 : 8 disulphonic acid, K (+H_2O) 2·32, Na (+$2H_2O$) 2·26, Ba (+$4H_2O$) 0·060, Ca (+$5H_2O$) 0·18, Mg (+$2H_2O$) 2·04, Pb (+$2H_2O$) 0·019, Zn (+$2H_2O$) 2·39; anthracene-2 : 6-disulphonic acid, K 1·64, Na (+H_2O) 1·21, Ba (+$5H_2O$) 0·046, Ca (+$5H_2O$) 0·24, Mg (+$6H_2O$) 0·12, Pb (+$4H_2O$) 0·048, Zn (+$6H_2O$) 0·054; anthracene-2 : 7-disulphonic acid, K 1·00, Na (+$2H_2O$) 1·09, Ba (+$6H_2O$) 0·40, Ca (+$3H_2O$) 0·11, Mg (+$2H_2O$) 0·007, Pb (+$2H_2O$) 0·80, Zn (+$4H_2O$) 0·57 g. Vals. for 100° are given also. J. J. B

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AFANAS'YEV, P.S.; BOGOYAVLENSKIY, A.F., prof., doktor khim.nauk, red.; LODVIKOVA, A.S., red.; GALKINA, V.N., tekhn.red.

[Corrosion of metals and ways to control it] Korroziia metallov i mery bor'by s nei. Kazan', Tatarskoe knizhnoe izd-vo, 1959. 61 p. (MIRA 14:2)
(Corrosion and anticorrosives)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODIN, V.Ya.; KHOLMOGOROV, V.Ye.; TERENIN, A.N., akademik

Absorption spectra and electron paramagnetic resonance of quinones adsorbed from the gaseous phase on the surface of oxides. Dokl. AN SSSR 160 no.6:1347-1350 F '65. (MIRA 18:2)

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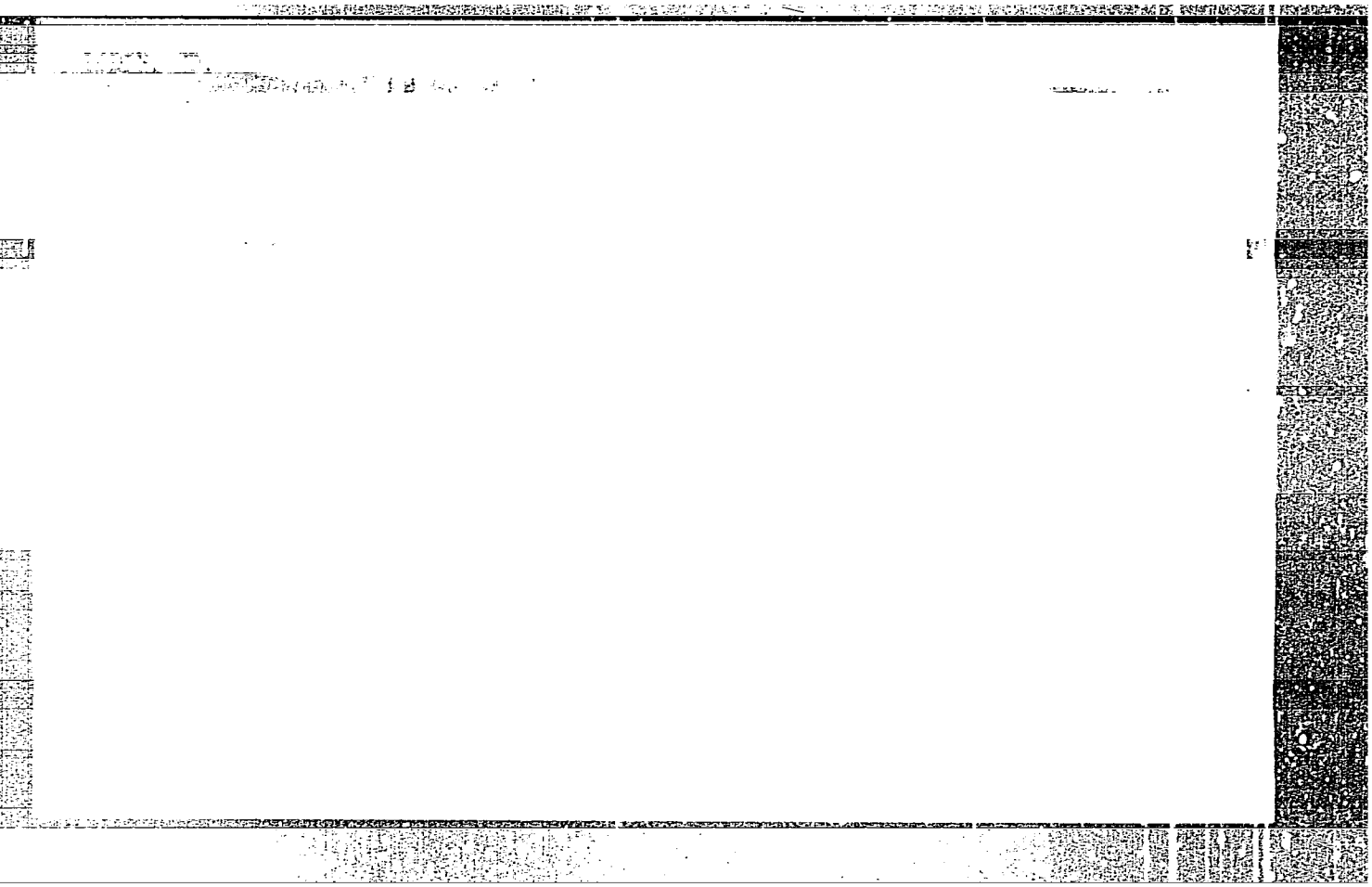
"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1



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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODIN, Z.; KOLOUSEK, J.

Metabolism of methionine and methionine sulphoximine in relation to function of the central nervous system. Physiol. bohem. 5: 43-46 Suppl. 1956.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(METHIONINE, metab.
CNS, inhib. induced by 3-amino-3 carboxypropyl methyl sulfoximine in rats)
(CENTRAL NERVOUS SYSTEM, metab.
methionine, induction of inhib. by 3-amino-3-carboxypropyl methyl sulfoximine in rats)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODIN, Zdenek; KOLOUSEK, Jaroslav

Epileptic symptoms induced by methionine sulfoximine. Cesk. neur. 19 no.2:83-89 May 56.

1. Z Fysiologickeho ustavu CSAV v Praze.
(EPILEPSY, experimental,
methionine sulfoximine induced (Cz))
(METHIONINE, derivatives,
methionine sulfoximine causing epilepsy in animals (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

Interporation of methionine (sulfur-35) into the central nervous system. J. Fischer, J. Folinšek, and Z. Lojda (Czech. Acad. Sci., Prague). *Nature* 178, 1193-3(1956). Methionine-S^{35}, 24 hrs. after intraperitoneal injection (0.2-1.0 mc.) into dogs, was found to be concd. in the cerebellum, cerebral cortex, pons, spinal cord (anterior horn motor cells), and peripheral nerve in decreasing order as detd. by radioautography. The greatest S^{35} accumulation occurred in the gray matter. Little occurred in areas surrounding the ventricles or in cerebrospinal membranes or perivascular nerves. Vera L. Glockler

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CZECHOSLOVAKIA/Human and Animal Physiology. Nervous System. I
Higher Nervous System. Behavior.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93634.

Author : Novakova, V., Servit, Z., Ledin, Z., Chocholova, L.
Inst :
Title : A Contribution to the Problem of Characteristics of Higher Nervous Activity in Rats with Audiogenic Epileptic Seizures.

Orig Pub: Physiol. bohemosl., 1957, 6, No 3, 376-382.

Abstract: No abstract.

Card : 1/1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

LODIN, Z.

NOVAKOVA, V.; SERVIT, Z.; LODIN, Z.; CHOCHOLOVA, L.

Characteristics of higher nervous activity in dogs in audiogenic epileptic seizures. Cesk. fysiol. 6 no.3:382-388 Aug 57.

1. Fysiologicky ustav CSAV, Praha.

(CONVULSIONS, experimental,
prod. by acoustic stimuli, eff. on higher nervous activity (Cz))
(REFLEX, CONDITIONED,
determ. of higher nervous activity in exper. convulsions prod. by acoustic stimuli (Cz))
(NOISE, effects,
exper. convulsions, eff. on higher nervous activity (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930410003-1

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Nervous System. Epilepsy T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97869

Author : Novakova, V., Lodin, Z., Servit, Z., Chocholova, L.

Inst : Not given

Title : On Interconnection of Experimental Neurosis and Audiogenic Epilepsy

Orig Pub: Ceskosl. fysiol., 1957, 6, No 3, 389-396

Abstract: Conditioned motor alimentary reflexes were produced according to the method of Voronin in rats. A neurosis was created by producing the differntiation to strong sound stimulants or by fast exchanges of differntiated and positive conditioned alimentary stimulants. By this, phase conditions

Card 1/2

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