

PALOTAS, L.

Scientific communications of the Scientific Institute of  
Architecture. P. 351 Activity of the Section of Technical  
Sciences, July-December 1955. P. 357 KOZLEMENYEI Budapest  
Vol. 18, no. 1/4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956

FALOTAS, LASZLO

Mernoki kezikonyv. Budapest, Muszaki Konyvkiado. (Handbook on engineering.  
illus., bibl., diags., footnotes, index, tables)  
Vol. 1. 1955. 1124p.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

PALSTAL, I.

Dr. Gyozo Kiranich is 6 years old.

P. 221. MIVHETI... Budapest, Hungary, Vol. 1, No. 1, 1957.  
Sept. Oct. 1957

o : Monthly Index of East European Activities, Vol. 1, No. 1, 1957

PA 177, 2.

Proz. ... 11.

ANT. ...  
Vol. 1, no. 1/2, 1971.

... List of East European Academies (CEA) 11, Vol. 1, no. 1/2, 1971.

PALOTAS, L.

"Bibliography of works on the light construction and related fields published in the German and foreign literature from 1940 to 1954 (Vol. 1), and from 1955 to 1959 (Vol.2)" by H. Winter. Reviewed by L. Palotas. Periodica polytechn eng 7 no.4:355 '63.

PALOTAS, L., Doktor der technischen Wissenschaften.

General strength state of concrete. *Acta Techn Hung* 47  
no.3/4:399-424 '64.

1. Lehrstuhl für Baustofflehre Technische Universität für  
Bau- und Verkehrswesen, Budapest.

1957-1958, Hungary.

1957-1958, Hungary.

Budapest, Hungary. Terra, 1959. 1st p. (Huszaki ertelemezés után, 1959)

Monthly List of East European Editions (MEL), Vol. 8, No. 7, July 1959

Uncl.



PALOTAS, Laszlo, dr.

An account of the concrete conference arranged by the Austrian Concrete Association. Melyepitestud szemle 12 no.1:24 Ja '62.

1. "Melyepitestudományi Szemle" szerkeszto bizottsagi tagja.

PALOTAS, Laszlo, dr., Kossuth-díjas

An account of the 1941 research work of the Working Group of  
Architecture, Hungarian Academy of Sciences. Építés szemle  
6 no.4:101-104 '62

1. Építőipari és Közlekedési Műszaki Egyetem II.sz.Hídepítészeti  
Tanszékének vezetője, Budapest.

PALOTAS, Laszlo, a muszaki tudományok doktora, egyetemi tanár

Theoretical questions relating to durability. Magy tud 69 no.11:699-706 N '62.

1. Építőipari és Közlekedési Műszaki Egyetem.

PALOTAS, Laszlo (Budapest)

Resistance theories of concrete under combined compressive stresses. Archiw inz lad 8 no.2:111-129 '62.

PALOTAS, Laszlo, dr.

"Fundamentals of the protection technique against radiation" by  
Thomas Jaeger. Reviewed by Dr. Laszlo Palotas. Melyepitestud szemle  
12 no.1:41 Ja '62.

1. "Melyepitestudományi Szemle" szerkeszto bizottsagi tagja.

PALOTAS, Laszlo, dr.

"Statics of supports" by [Dr] Imre Koranyi. Reviewed by  
Laszlo Palota. Muszaki kozl MTA 32 no.1/4:478-479 '63.

PALOTAS, Laszlo, dr.

"Communications on concrete technology." Reviewed by Laszlo  
Palotas. Muszaki kozl MTA 32 no.1/4:481 '63.

PALOTAS, Laszlo, dr.

"Handbook on  
kosl MTA 32

by Laszlo Palotas. Muszaki



PALOTAS, Laszlo, a muszaki tudomanyok doktora, egyetemi tanar

"Tunnel construction" by Karoly Szechy. Reviewed by Laszlo Palotas. Magy tud 70 no.6/7:500-501 Je-Jl '63.

1. Epitoipari es Kozlekedesi Muszaki Egyetem.

HEMATOLOGY

HUNGARY

SAS, Geza; PALCS, A. Laszlo, Department of Internal Medicine No 1 (I. sz. Belgyogyaszati Tanszek), Institute of Postgraduate Medical Training (Orvostovabbkepzo Intezet)

"Reaction Kinetics of the Progressive Thrombin Activation (Antothrombin III) of Human Serum"

Budapest, Kiserletes Orvostudomany, Vol 13, No 6, 1966; pp 573-578.

Abstract: The reaction kinetics of the thrombin activation of human serum was studied in the case of different initial quantities of thrombin and anti-thrombin. The results indicate that the inactivation cannot be represented by means of a uniform reaction order inasmuch as the order of reaction progressively increases in the course of the reaction. However, at the beginning of the reaction the process may be considered, with good approximation, a first-order reaction. 16 References, mainly Western. Manuscript received 15 Nov 65.

1/1

PALOTAS, Piroska, okleveles mernok, epitesvezeto mernok; PETIK, Erno,  
okleveles mernok, epitesvezeto mernok

Construction of the surface intake of the Kaposztasmegyer Water  
Works. Vizugyi kozl no.3:373-379 '61.

1. Hidepito Vallalat, Budapest.

PICTURES,

network on the subject of "minicomputer-German systems." Vol. 1.  
K. HANSEN AND HANSEN. Int. Trade est. Vol. 5, no. 4, 1961, p. 26.

U.S.S.R.: East European accessions list (cont.) 1, Vol. 5, no. 4, 1961, p. 26.

PALOTAS, Z.

PALOTAS, Z. - Ten years in the development of Yugoslavia's transportation.  
p. 264. Vol. 6, no. 7/8, July/Aug. 1956.  
Kozlekedestudományi Szemle. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1966

PALOTAS, Zoltan, dr.

Experiences obtained during a trip in Rumania. Kozleked  
kozl 16 no.51:877-880 18 D '60.

PALOTAS, Zoltan, dr.

7 questions about our outdated railroad lines with light traffic.  
Musz elet 17 no.11:5 24 My '62.

1. Varosepitesi Tervezo Vallalat.

PALOTAS, Zoltan, dr.

Uneconomical railway lines. *Musz elet* 18 no.9:15 25 Ap '63.



PALOTAS, Zoltan, dr.

Some economic geographical experiences of the development  
of transportation. Foldrajzi ert 12 no.1:53-89 '63.

PALOTAY, Istvan

Standardization of tree height curves. Erdo ll no.7:305-310  
Jl '62.

1. Erdorendezoseg vezetöje, Zalaegerszeg.

PAGE 1A, 1B

"Dear Mr. Director: I am pleased to hear that you are interested in the work of the American Psychological Association (APA) and its efforts to provide services to the military and its families. I am sure that your organization will find our work very valuable and helpful."

Sincerely,  
[Name]

PALOUČKOVÁ, S.

Affiliation of the Branch of the Technical and Economic Information  
with the Brewing and Malting Research Institute helps in research  
and practice. Kvasný průmysl, no. 11:1-223, S. 163.

1. (borové středisko Technické a ekonomické informací pro  
ústavu pivovarsko-slazivarské, Praha).

PALOUNEK, inz.

Interesting facts on data transmission. Slaboproudý obzor  
no.9:559-560 S '64.

FALCONEK

Information on data transmission. Blatantly cover 25 to 30  
176-180 Mr. [redacted]

PALOUNEK, L.

"Automatic teletype exchanges." p. 262.

SDELOVACI TECHNIKA. (MINISTERSTVO STRC JIRENSTVI). Praha, Czechoslovakia, Vol. 7,  
no. 7, July 1959.

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

PALOUNEK, L.

Some terms from the information theory. P 798

SLABOPROUDY OBZOR (Ministerstvo vsobenibo strojirenstvi, Ministerstvo spoju  
a Ceskoslovenska vedecko-technicka spolecnost, sekce elektrotechnika) Praha,  
Czechoslovakia, Vol. 20, no. 12 Dec. 1959

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

Uncl.



PALCUNEK, L.

New self-correcting code for data transmission. . . . .

SDELUVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia.  
Vol. 7, no. 10, Oct. 1959.

Monthly List of East European Accession, (EMAI), LC, Vol. 3, No. 17, Dec. 1959  
Uncl.

PALOUNEK, Lubos, inz.

The parametron, a new binary device. Slaboproudy obzor 21 no.4:  
236-239 Ap '60. (EEAI 9:8)

1. Vyzkumny ustav telekomunikaci, Praha.  
(Electronic digital computers)

PALCUNEK, Lubos, inz.

International symposium on data transmission. Slaboprudy  
obzor 22 no.10:647-648 0 '61.

PALOUNEK, Lubos, inz.

Binary codes. Automatizace 5 no.7:185-189 J1 '62.

1. Vyzkumny ustav telekomunikaci, Praha.

PALOUNEK, Lubos, inz.

Fast punched card processing machines. Automatizace 5 no.5:142-143  
My '62.

PALOUNEK, Lubos, inz.

Design of reliable equipment from less reliable parts.  
Slaboproudý obzor 24 no.11:664-670 N'63.

1. Vyzkumny ústa telekomunikaci, Praha.

PALOUNEK, Lubos, inz.

Coding a information data. Slaboproudy obzor 24 no.8:479-  
483 Ag '63.

1. Vyzkumny ustav telekomunikaci, Praha.

PALOUNEK, Lubos, inz.

Teletransmission of digital data. Podnik organizace 17 no.1:  
32-34 Ja '63.

1. Vyzkumny ustav telekomunikaci.



PALOUNEK, Labos, inz.

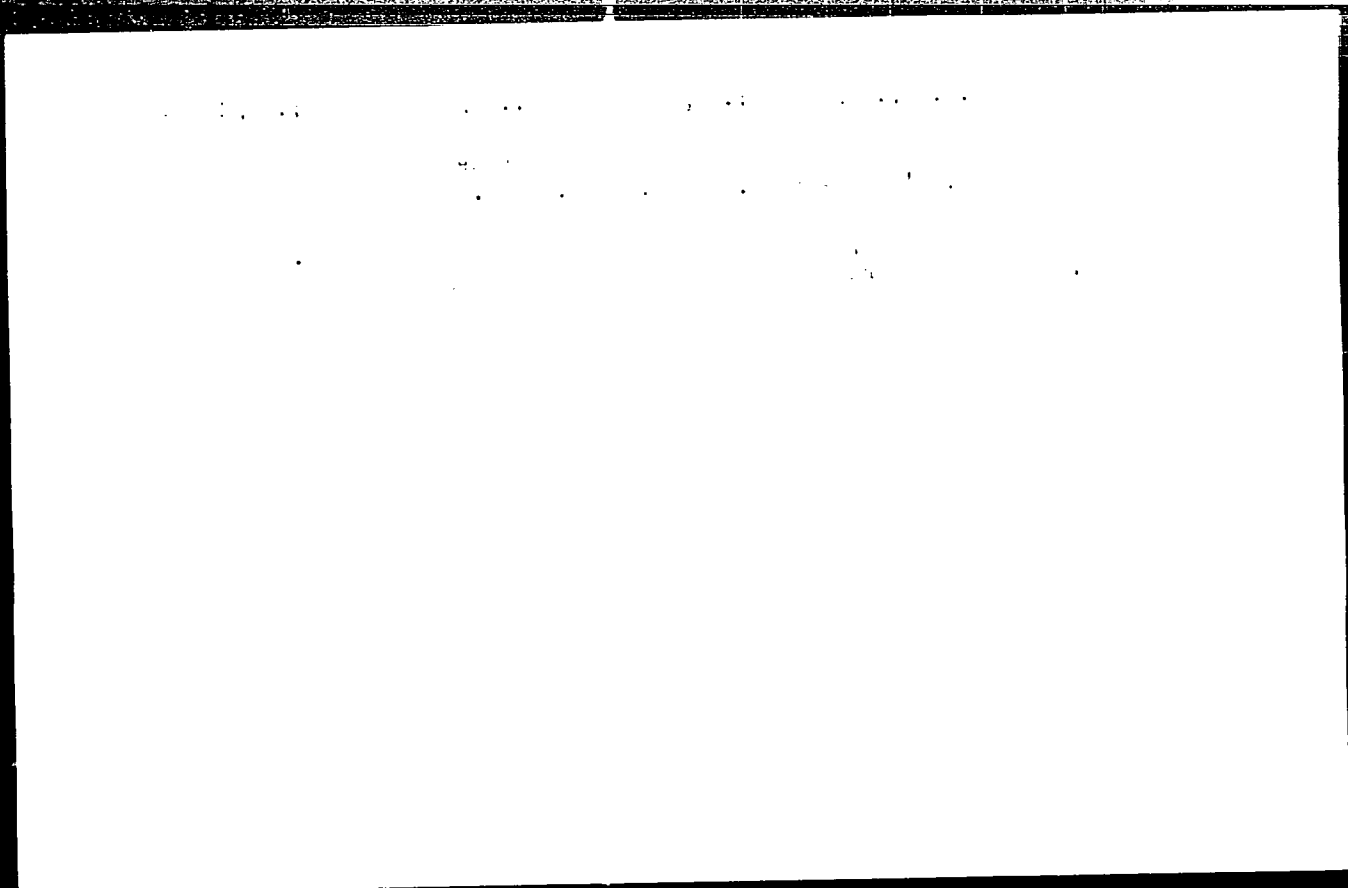
High-speed printers. Automatizace 6 no.2:40-43 F '63.

PALCUNEK, Labos, inz.

Frequency modulation in data transmission. Sdel tech ll no.1:  
7-9 Ja '63.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238910016-0



APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238910016-0"

PALOUS, R.; PAVELKA, V.; MARA, M.

Calorimetric determination of potassium by means of diluturic acid. Coll Cz chem 25 no.12:3910-3914 '59. (EAI 9:6)

1. Institut für Chemie, Pädagogische Hochschule, Prag und  
Laboratorium für medizinische Spezialmikrobiologie und  
Immunologie, Karlsuniversität, Prag.  
(Potassium) (Colorimetry) (Diluturic acid)

PALOUSH, R. [Palous, R.]; PAKHMAN, E. [Pachman, E.]

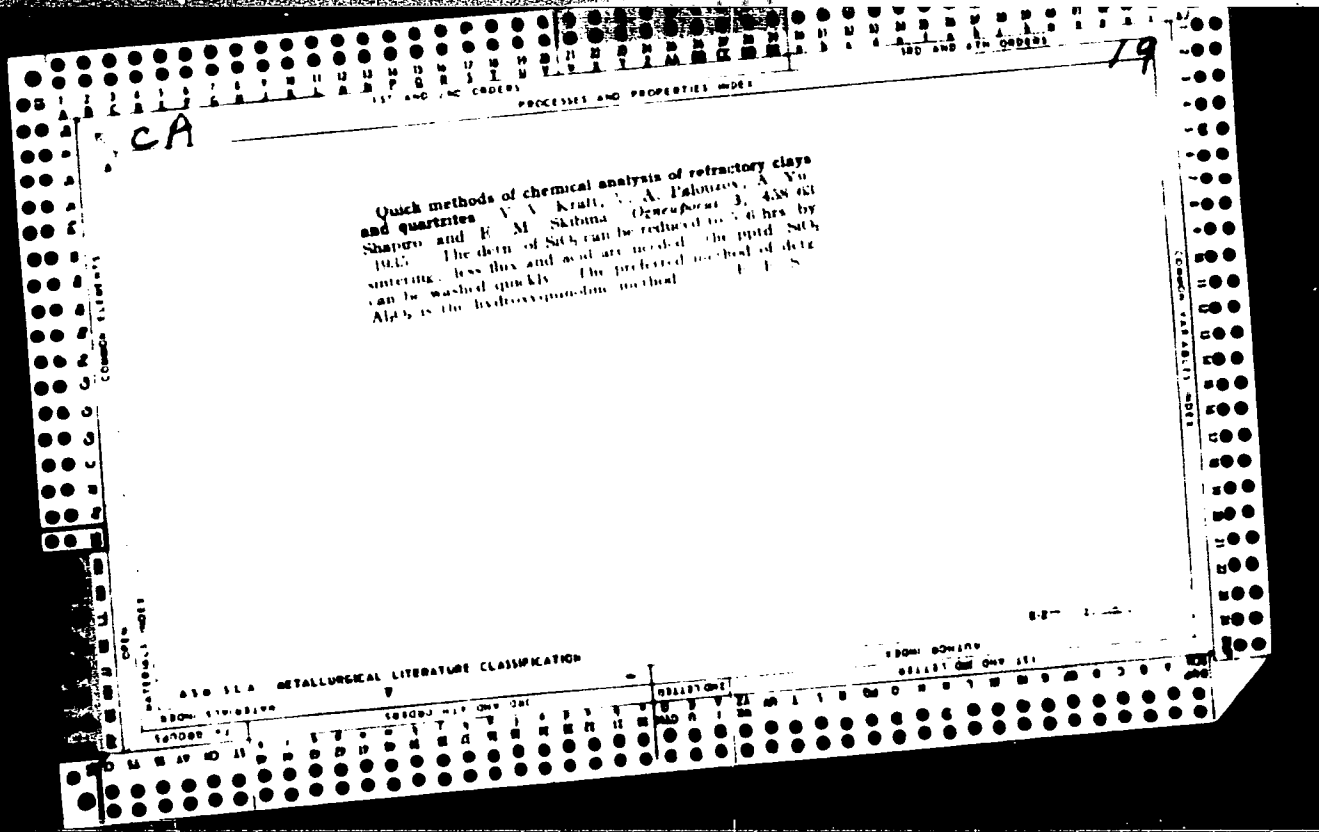
Some aspects of teaching applied chemistry in Czechoslovakian schools. Khim. v shkole 15 no.3:50-55 My-Je '60. (MIRA 14:7)

1. Pedagogicheskiy institut, kafedra khimii, g. Praga.  
(Czechoslovakia--Chemistry--Study and teaching)

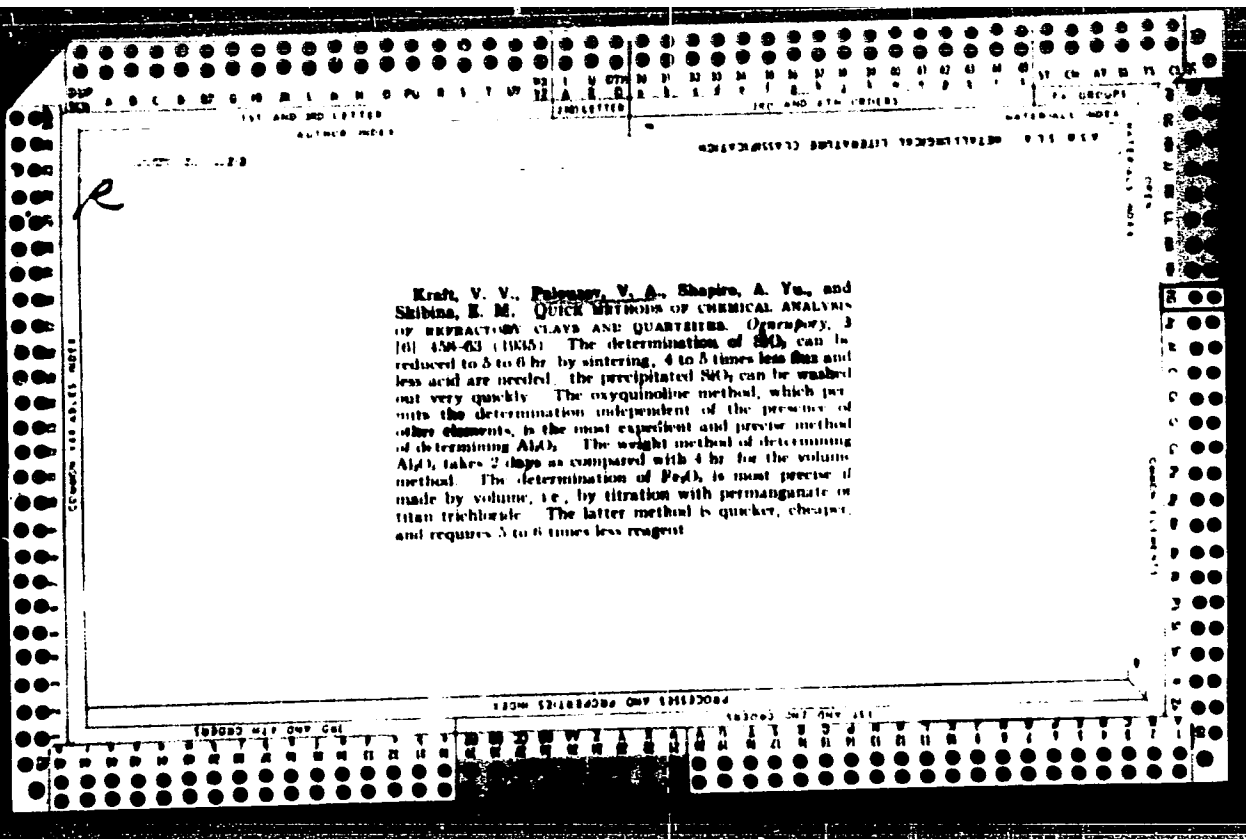
PALOUS, R.

Operating and maintenance manual for the [illegible]









PALOV, I.

"Possibilities for increasing Bulgarian export of machines."

p.27 (Tekhnika, Vol. 7, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East Europeans Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

FALCV, I. P.

Feeding and Feeding Stuffs - Analysis

Comparative evaluation of crops for the green fodder plan. Korm. 1952, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

PALOV, M.

USSR

ON: Teatre Im. Sverdlov; streets; complaints about neglect by yard cleaners, Tashkent, Uzbeks-kaya SSR

Source: N: PRAVLA VOSTOKA, 27 June 47 Tashkent

Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report NC. 034882

PAKOV, M.

USSR

Tashkent

On - Delay in the Repair of Dwellings; Shortages

Source: N: Truth of the East 10 June 47 Tashkent

Abstracted in USAF "Treasure Island" Report No. 32522, on file in Library of Congress, Air Information Division.

IAICV, Mikhail Aleksandrovich, 1803-

Metallurgy of cast iron. Moskva, Gos. Nauchno-tekhn. izd-vo pri Chernoi  
i tsvetnoi metallurgii, 1955- (55057012)

TN710.1342

1. Iron - Metallurgy.

PALOV, N. N.

"

N. N. Palov

The Compensation of The Initial Capacitance of a Lamp-Electrometer

Pulkovo, The Main Astronomical Observatory,

Investia, Leningrad

Vol. 18, No. 5 (146), 1951, pp. 40-82

From: Monthly list of Russian Acquisitions

December 1951, Vol. 4, No. 9, p. 36

FALOV, N. L.

H. E. Poltz

The Mahanicus Parameter (Inst. for Meas. Deviation of Outside Measurements from Specified Dimensions-Translator's note)

Pulkovo, The Main Astronomic Observatory  
Izvestia, Leningrad  
Vol. 18, No. 5 (146) 1951, pp. 29-40

From: Monthly list of Russian Accessions  
December 1951, Vol. 4, No. 9, p. 36



FALOV, Sr.

Aiding the Labor Union Active Members Club. (Light Industry), #1:41:Jan. 55

HOFFMANN, P.; PALOVA, M.

Examination of the serum  $\beta$ -lipoproteins in blood donors. Cas. lek.  
cesk. 102 no.3:73-74 18 Ja '63.

1. OTS Bardejov, prednosta M. Palova, interne oddelenie nemocnice s  
poliklinikou Svidnik, prednosta P. Hoffmann.  
(LIPOPROTEINS) (BLOOD DONORS) (BLOOD CHEMICAL ANALYSIS)

S/081/63/000/002/019/088  
B166/B138

AUTHOR: Palovčiková, M.

TITLE: Determination of the zinc and calcium content in oils containing additives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 138, abstract 20132 (Ropa a uhlie, v. 4, no. 4, 1962, 114 [Czech.] )

TEXT: A quick and simple complexometric method is described for determining Zn and Ca in oils. After depositing the Ca in the form of the oxalate the Zn is determined complexometrically in the filtrate. The Ca content is found by taking the difference between the Zn + Ca and the Zn content. To determine the sum of Zn + Ca 10 g of oil are dissolved in 50 ml diethyl ether. The solution is shaken in a separatory funnel with 30 ml dilute HCl, the water layer is removed and reextraction is repeated twice. The reextracts are put together, boiled down to 1/3 volume and then diluted with water to 250 ml. An aliquot portion of the solution (50 ml) is neutralized with dilute  $\text{NH}_4\text{OH}$  according to litmus, then 5 ml buffer solution (54 g  $\text{NH}_4\text{Cl}$  and 350 ml concentrated  $\text{NH}_4\text{OH}$ ).

Card 1/2

PALOVCIKOVA, K.

Determination of the o-cresol, **alkali** lye, and water content  
in the homogeneous solution of potassium cresolate-potassium  
lye. Ropa a uhlie 6 no.9:278-279 S 164.

1. Slovnaft National Enterprise, Research Institute of Petroleum  
and Hydrocarbon Gases, Bratislava.

PALOWIC, J.

Current problems of yield in sawing of softwood logs. p. 87.

DREVARSKY, VYSKUM, Bratislava, Czechoslovakia, Vol. 4, No. 1, June, 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 6, No. 10,  
Oct. 1959.  
Uncl.

PALOVICH, I., prof. (Zvolen, Chekhoslovatskaya Sotsialisticheskaya Respublika)

Development of the woodworking industry in Czechoslovakia. Ser.  
prom. 12 no.9:29-30 S '63. (MIRA 16:10)

EMBER, Kalman, dr.; PALOVICS, Pal; DOBOS, Gyorgy, dr.; ELES, Laszlo;  
GAGYI Palffy, Andras, dr.; RADO, Aladar; SAJAR, Laszlo; SEMENCO,  
Ivan

Report on the Executive Committee session of the National  
Hungarian Mining and Metallurgical Society, Inota, December 7,  
1963. Bany lap 97 no. 2:133-140 F '64.

1. Orszagos Magyar Banyaszati es Kohaszati Egyesulet alelnoke  
(for Ember).
2. "Banyaszati Lapok" szerkeszto bizottsagi tag a (for Gagy  
Palffy and Rado).

PALOVICS, Pal, okleveles kohomernok; HORVATH, Zoltan, dr.

Economical loading of aluminum electrolyzers under the existing  
circumstances in Hungary. Koh lap 93 no.4:181-187 Ap '60.



PALOVICS, Pal, okleveles kohomernok

An account of the results in increasing the output and modernization of the Ajka Metallurgical Works and a proposal for the trend of the technical development. Koh lap 93 no.6:256-261 Je '60.

BALAZS, Endre, aspirans; PALOVITS, Pal, kohomernok; MOLNAR, Imre, okleveles  
femkohomernok

Reducing the specific power consumption and the question of the  
simultaneous considerable increase of production. Koh lap 93  
no.11:505-511 N '60.

L 47273-66 EWF(m)/EWP(t)/ETI IJP(c) JD/JH

ACC NR: AP6034681

SOURCE CODE: HU/0014/65/098/009/0417/0420

DONONY, Andras, Doctor of Technical Sciences, BOCZOR, Istvan, Candidate of Technical Sciences, and PALOVITS, Pal, Diplomate Metallurgical Engineer,

ORG: none

35  
E

"Improving the Properties of Outdoor Transmission Lines Made from Light Metals" This paper presented at the Conference "Copper and Aluminum at the Materials for Electrotechnology" at the Research Institute for Nonferrous Metals held in Freiburg from 8 to 10 May 1965. Budapest, Kohászati Lapok, Vol 98, No 9, Sep 1965, pp 417-420.

**Abstract:** Laboratory and plant experiments were conducted to establish the methods whereby the electrical and mechanical characteristics of aluminum lines containing < 0.11% silicon could be improved and to investigate whether processes could be developed by which satisfactory lines could be manufactured from aluminum containing higher concentrations of silicon. It was found that both aims could be achieved by including small amounts of copper into the alloy. The amount of copper to be added depends on the initial characteristics of the alloy and on the extent and kind of improvements required. **Orig. art. has: 6 tables. /JPRS/**

**TOPIC TAGS:** aluminum base alloy, silicon containing alloy, copper containing alloy

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005/OTH REF: 005

Card 1/1 *LH*

UDC: 669.716:621.315.1

ACC NR: AP7001698 SOURCE CODE: HU/0014/66/000/012/0573/0574

AUTHOR: Somosi, Istvan (Doctor; Graduate chemist); Palovits, Palne (Mrs. (Graduate chemical engineer)

ORG: Ajka Alumina Plant and Aluminum Furnace (Ajakai Timfoldgyar es Alukoho)

TITLE: Investigation of some factors which influence the quality of alumina .  
Part II

SOURCE: Kohaszati lapok, no. 12, 1966, 573-574

TOPIC TAGS: alumina, aluminum oxide, aluminum hydroxide, alumina impurity,  
*CALCINATION, SILICA, CHEMICAL PURITY*

ABSTRACT: The role played by the wetting and calcination in the purification of alumina was studied under laboratory and plant conditions. Tests confirmed that the SiO<sub>2</sub> content in aluminum hydroxide can be reduced by leaching and washing the slime. Furthermore by employing optimum washing methods, the SiO<sub>2</sub> content may be kept below 0.012%. The authors believe that the washing of aluminum hydroxide also induces physical adsorption. Orig. art. has: 2 figures and 2 tables.

[KS]

SUB CODE: 11/SUBM DATE: none/ORIG REF: 002/

Cord 1/1

UDC: 669.712.1:622.78.001.42

L 46164-66 EWP(w)/I/EWP(t)/ETI/EWP(k) IJP(c) JD/JH

ACC NR: AP6034161

SOURCE CODE: GE/0029/65/000/010/0599/0602

DOMONY, Andreas, DOZOR, Stephan, and PALOVITS, Paul, of Budapest,

46  
B

New Way for Improving the Quality of Non-Alloyed Aluminum Conductor Wires <sup>21</sup> This paper was presented at the Colloquium "Copper and Aluminum at the Materials for Electrotechnology" at the Research Institute for NE-Metals held in Leipzig, ~~East Germany~~, Vol 10, No 10, Oct 1965, pp 599-602.

<sup>17</sup> Abstract: Silicon contents of up to 0.11%, in conjunction with small concentrations of iron and/or copper cause an increase in electrical resistivity and mechanical properties. <sup>17</sup> If the silicon content exceeds 0.20%, the admixture of iron decreases resistivity and increases plasticity; however, these effects can be partly alleviated by the admixture of copper. The beneficial effects of copper increase also the tolerance of the aluminum against the harmful effects of silicon content. Thus, by controlling the copper content, conductor wires can be made of aluminum batches of varying compositions.

Orig. art. has: 1 figure and 8 tables. [JPRS/

ORG.: none

TOPIC TAGS: electric wire, plasticity, mechanical properties, resistivity, aluminum wire, copper containing alloy, silicon containing alloy

SUB CODE: 11,20,13 / SUBM DATE: 17 Jun 65 / OTH REF: 010

PALCZEWSKA, W.

Investigations on the mechanism of permeation of hydrogen from the gas phase into metals. Role of proton in hydrogen permeation into nickel. Bul chim PAN 12 no.11:817-821 1964.

1. Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw. Submitted September 23, 1964

LUKOSIUNAS, Stasys; PALSAITIS, Evaldas; TAMASEVICIUS, Albinas;  
KUCOSAITIS, R., red.; ANAITIS, J., tekh. red.

[Earthwork in building] Zemes darbai statyboje. Vilnius,  
Valstybine politines ir mokslines literaturos leidykla,  
1961. 167 p. (MIRA 15:3)

(Earthwork)

PALSAH, P.

Use all reserves. Sov.profsoluzy 5 no.12:28-30 0 '57. (MIRA 10:11)

1. Predsedatel' komiteta profsoyuzov kuznechno-pressovogo tsakha.  
(Ryazan--Agricultural machinery industry)



PAL'SHAU, M.V., kandidat tehnikeskikh nauk.; KOVALENKO, V.G., assistant.

Determining the inertia moment of asynchronous engine rotors by means of "running out" method. Nauch. trudy NPI 26:363-367 '55. (MIRA 9:12)  
(Electric motors, Induction)

L 23216-66 EWT(d)/EWP(k)/EWP(1)

ACC NR: AP6013582

SOURCE CODE: UR/0114/65/000/010/1181/1182

AUTHOR: Avilov-Karnaukhov, B. N.; Bogush, A. G.; Gikis, A. F.; Drozdov, A. D.;  
Malov, D. I.; Sinel'nikov, Ye. M.; Brusentsov, L. V.; Denisov, A. A.; Pal'shan, M. V.;  
Polyakov, B. A.; Chernyavskiy, F. I.; Burok, V. S.; Gordeyev, V. I.; Kazhdan, A. E.;  
Kovalev, V. Ye.; Kurennyy, E. G.; Potapenko, V. Ya.

ORG: none

TITLE: Professor G. M. Kayalov on the occasion of his 60th birthday and 37 years of pedagogical activities

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Elektromekhanika, no. 10, 1965, 1181-1182

TOPIC TAGS: electric engineering personnel, academic personnel

ABSTRACT: Doctor of Engineering Sciences, Professor of RIIZhT /Rostovskiy institut inzhenerov zheleznodorozhnogo transporta; Rostov Institute of Railroad Engineers/. Georgiy Mikhaylovich KAYALOV was born on 26 September 60 years ago. He began his working career as a standby electrical construction worker at the Novorossiysk cement factory. In 1929 he graduated from the Novocherkassk Polytechnical Institute, and between 1928 and 1947 worked in the designing section of the "Elektroprom" trust. Sub-

Cord 1/2

L 23216-66

ACC NR. AP6013582

sequently, he joined the Rostov department of the GPI [Gosudarstvennyy proyektnyy institut; State Designing Institute] "Tyazhpromoelektroproyekt" where he advanced from a technician of the designing department to its chief engineer. From 1933 to 1962 he was docent of the department of electrification of industrial enterprises of the NPI [Novocherkasskiy politekhnicheskiy institut imeni Sergo Ordzhonikidze; Novochoerkassk Politechnic Institute im. Sergo Ordzhonikidze]; he taught as professor until 1965 and presently is a professor of the RIIZhT. He published more than 70 scientific works, including studies of flywheel-containing electric motors, investigations of electrical loads of industrial enterprises, analyses of basic features of real load graphs, (including their probabilistic modeling), proposals for peak load calculation methods (based on the theory of mass servicing) and developments of methods for the calculation of extremal loads of heavy consumers, for the study of random graphs of reactive loads, for the evaluation of electric load fluctuations, and the like. G. M. KAYALOV was also active in the Party, professional, and scientific organizations. He is a holder of the "For Outstanding Work During the Great Patriotic War of 1941-1945 gg." medal and the "Badge of Honor"

decoration. Orig. art. has: 1 figure. [JPRS] 14

SUB CODE: 09, 05 / SUBM DATE: none

Card 2/2

28

PALSHAYTIS, E.L. [Palšaitis, E.L.], inzh.

Automobile dynamics under broken-relief conditions. Trudy MADI  
no.22:197-208 '58. (MIRA 12:4)  
(Automobiles--Dynamics)

A  
POLSHAYTIS, E. L., Cand Tech Sci -- "Certain problems of  
computation and designing of the longitudinal section on ele-  
vations of automobile roads." Kiev, 1961. (Min of Higher  
and Sec Spec Ed UkSSR. Kiev Automobile-road Inst) (KL, B-01,  
247)

- 279 -

PALISHIN, G. B.

Landslides on the shores of Lake Baikal. Izv. vost. sibirsk. nauch. tsentra. (MIRA 1989)  
no. 4, 5: 36-51, 1989.

Vostochno-sibirskiy filial Akademii nauk SSSR.  
(Baikal region--Landslides)

TKACHUK, V.G., otv.red.; PAL'SHIN, G.B., red.; BELOV, I.V., red.;  
SHOTSKIY, V.P., red.; PERLOVICH, B.F., red.; MISNIKOV, V.V.,  
tekhn.red.

[Materials for the young scientists' conference dedicated to  
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molodykh nauchnykh sotrudnikov; k 10-letiu Vostochno-Sibirskogo  
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Geologiya i geografiya. 1958. 153 p. (MIRA 10:13)

1. Akademiya nauk SSSR. Vostochno-Sibirskiy filial, Irkutsk.  
(Siberia, Western--Geology) (Siberia, Western--Geography)

**PLISHIN, G.B.**

Terraces on Lake Baikal. Trudy Vest.-Sib.Sil.Ak SSSR no.10:1971  
159. (MIRA 1971)

(Baikal, Lake morphology, Structural)



TKACHUK, V.G., *otv. red.*; TOLSTIKHIN, N.I., *red.*; POPOV, I.V., *red.*;  
ZAYTSEV, I.K., *red.*; YEFIMOV, A.I., *red.*; PAL'SHIN, G.B.,  
*red.*; GRECHISHCHEV, Ye.K., *red.*; ASTRAKHANTSEV, V.I., *red.*;  
PERLOVICH, B.F., *red.*; PECHERSKAYA, T.I., *tekhn. red.*

[Transactions of the Second Conference on Underground Waters  
and the Engineering Geology of Eastern Siberia held in Chita,  
1958] Trudy Soveshchaniia po podzemnym vodam i inzhenernoi  
geologii Vostochnoi Sibiri. Irkutsk, Irkutskoe knizhnoe izd-  
vo. No.4. 1961. 161 p. (MIRA 16:4)

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(Siberia, Eastern--Engineering geology)

ODINTSOV, M.M., doktor geol.-min. nauk, otv. red.; PAL'SHIN, G.B.,  
kand. geol.-min. nauk, red.; LOGACHEV, N.A., red.;  
FINNEKER, Ye.V., red.; GRECHISHCHEV, Ye.K., kand. tekhn.  
nauk, red.; ASTRAKHANTSEV, V.I., red.; VOLOGODSKIY, G.P.,  
red.; KUKUSHKIN, I.P., red.; FEDOROV, I.P., red.; TIZDEL',  
R.R., red.; SEDOVA, N.G., red.; YERMAKOV, V.F., red.;  
ASTAF'YEVA, G.A., tekhn. red.; POLYAKOVA, T.V., tekhn. red.

[Bratsk Reservoir; engineering geology of the territory]  
Bratskoe vodokhranilishche; inzhenernaia geologiya territorii.  
Moskva, Izd-vo AN SSSR, 1963. 274 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut zemnoy  
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(Bratsk Reservoir region--Engineering geology)

PAL'SHIN, G.B.; TRZHTSINSKIY, Yu.B.

Landslides in rocks and semirocks on the slopes of the southern  
Angara Valley. Geol. i geofiz. no.6:97-107 '64. (MIRA 18:11)

1. Institut zemnoy kory Sibirskogo otdeleniya AN SSSR, Irkutsk.

PAVLOV, Oleg Viktorovich; VOLOGODSKIY, German Panteleymonovich;  
LESHCHIKOV, Fedor Nikolayevich; SCLONENKO, V.P.,  
doktor geol.-min. nauk, otv. red.; PAL'SHIN, G.E.,  
kand. geol.-min. nauk, otv. red.

[Engineering geology characteristics of the Anzarsa  
industrial region and their significance for construc-  
tion; fault tectonics, karst, and seasonal frost]  
Inzhenerno-geologicheskie osobennosti priangarskogo pro-  
myshlennogo raiona i ikh znachenie dlia stroitel'stva;  
razryvnaia tektonika, karst i sezonnaia merzlota. Mo-  
skva, Nauka, 1965. 145 p. (MIRA 18:12)

SAVITSKIY, Viktorovich; VLOGUDSKIY, German Fanteleymerovich;  
SABASHNIKOV, Fedor Nikolayevich; SOLOVENKO, V.I., doktor  
geol.-miner. nauk, otv. red.; KALICHIL, G.B., kand.  
geol.-miner. nauk, otv. red.

(Engineering-geological characteristics of the Angara  
industrial area and their importance in building; Fracture  
tectonics, karst and seasonal freezing of ground; Inzhenerno-  
geologicheskie osobennosti brannarskogo promyshlennogo  
raiona i ikh znachenie dlia stroitel'stva; razryvnaya tekto-  
nika, karst i sezonnaya merozota. Moskva, Nauka, 1965. 122 p.

BRNA 18 10

ACC NR: AT7001843

SOURCE CODE: UR/0000/66/000/000/0047/0056

AUTHOR: Leshchikov, P. N.; Pal'shin, G. B.

ORG: none

TITLE: Regionalization of frozen ground in hydrogeological investigation

SOURCE: AN SSSR. Sibirskoye otdeleniye. Institut zemnoy kory. Metodika gidrogeologicheskikh issledovaniy i resursy podzemnykh vod Sibiri i Dal'nego Vostoka (Methods of hydro-geological studies and resources of underground waters of Siberia and the Far East). Moscow, Izd-vo Nauka, 1966, 47-56

TOPIC TAGS: frozen ground, permafrost, geocryology, cryopedology, mapping, geomorphology, geologic survey, surface water / Irkutsk

ABSTRACT: Examples are given of mapping frozen ground, especially permafrost, regions developed at the Department of Geocryology of Moscow State University by Prof. V. A. Kudryavtsev. The views of P. F. Shvetsov with respect to the shortcomings of purely zonal mapping without regard to genetic anomalies are noted and supported. A detailed permafrost map of the Irkutsk region, compiled by P. N. Leshchikov in 1964, is presented and analyzed. The map illustrates

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ACC NR: AT7001843

that the nature of the bedding and individual quantitative elements of seasonally frozen ground and permafrost in the Irkutsk region is determined primarily by the geostructural plan of development, the lithological composition of the rocks, the depth of water-bearing horizons, the movement of ground water, as well as by the overall geographic characteristics of the region. Thus, the distribution pattern of permafrost is most reliably demonstrated by a supporting analysis of geologic processes. The map defines distinct frozen ground provinces in the southern area of the Siberian platform and in the Sayan Baykal folded zone. Orig. art. has: 1 figure. [W.A. 79-67-4]

SUB CODE: 08/ SUBM DATE: 07Jun66/ ORIG REF: 010

Card 2/2

ACC NR: AP6033478

(N)

SOURCE CODE: UR/0413/66/000/018/0073/0073

INVENTOR: Pal'shin, G. N.

ORG: None

TITLE: A device for testing electrical machines. Class 21, No. 186024

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 73

TOPIC TAGS: electric motor, electric generator, electronic test equipment, mechanical engineering

ABSTRACT: This Author's Certificate introduces: 1. A device for testing electrical machines by the mutual loading method. The unit contains a speed reducer which connects the shafts of the machines to be tested. The range of application of the method of mutual machine loading is expanded by using a mechanical differential as the speed reducer with its pole rotated by a self-contained drive which determines the conditions for machine testing and with its half-axles connected to the machines to be tested. 2. A modification of this device in which provision is made for measuring the moment of the electrical machine by eccentric suspension of the differential housing on stationary supports.

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UDC: 621.313.1.001.6

Supp--

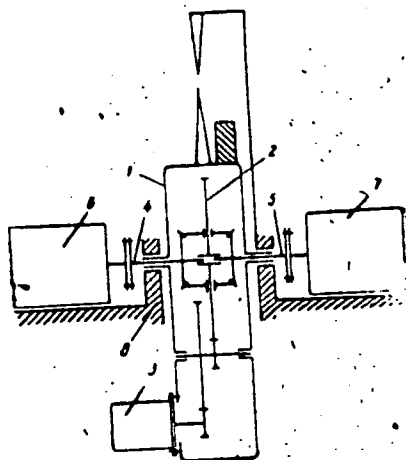
SUB CODE: ~~21~~ 04 / SUBM DATE: 190000

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APPROVED FOR RELEASE



ACC NR: AP6033478



1--speed reducer (differential); 2--pole of the differential; 3--self-contained drive;  
4 and 5--half-axes of the differential; 6 and 7--machines being tested; 8--stationary supports

SUB CODE: ~~21~~<sup>09</sup>/SUBM DATE: 19Oct64

Card 2/2

PAL'SHIN, M. V.

PAL'SHIN, M. V. "The Effect of Changes in the Dimensions of Spiral Casing on the Aerodynamic Characteristics of Centrifugal Ventilators." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No. 18, 1956

PAL'SHIN, M.V., kand.tekhn.nauk

Effect of the casing size on the characteristics of centrifugal fans. Trudy Ural.politekh.inst. no.85:98-116 '60. (MIRA 14:8)  
(Fans, Mechanical)

PAL'SHIN, M.V.

Dust removal from the housings in working position of rolling  
mill stands. Metallurg 6 no.4:33 Ap '61. (MIRA 14:3)

1. Rukovoditel' laboratorii santekhniki Nauchno-issledovatel'skogo  
instituta promzdaniy Akademii stroitel'stva i arkhitektury SSSR.  
(Rolling mills) (Dust collectors)

GALIMZYANOV, F.G.; BUTAKOV, S.Ye., doktor tekhn. nauk, prof.,  
retsenzent; PAL'SHIN, M.V., kand. tekhn. nauk, red.;  
VASIL'YEVA, N.T., red.izd-va; DEMKINA, N.F., tekhn. red.

[Fans; atlas of designs] Ventilatory; atlas konstruktssi.  
Spravochnoe posobie. Moskva, Mashgiz, 1963. 143 p.  
(Fans, Mechanical) (MIRA 16:12)

PAL'SHIN, N.G.

Making 38mm ball cranes in workshops. Rats. i izobr. predl. v  
stroil. no.7:122-124 '58. (MIRA 11:12)  
(Water-supply engineering)

PAL'SHIN, E.S.

USSR.

Organic coprecipitants. II. Coprecipitation of tungsten with organic coprecipitants. V. I. Kuznetsov, V. N. Obozrin, and E. S. Pal'shin (V. I. Vernadskii Inst. Geochem. and Analyt. Chem. Acad. Sci. U.S.S.R., Moscow). *Zhur. Anal. Khim.* 10, 32-7(1955); cf. C.A. 48, 18541f. Complete pptn. of W from very dil. solns. (1:10<sup>3</sup>) requires a reagent which acts colloiddally as well as chemically. Such double-acting reagents are usually a mixt. of 2 substances. As reagent for W is suggested a mixt. of methyl violet and tannin. This reagent will sep. W from Ca, Mg, Al, and some other substances but not from Ti and Mo. Also in *J. Anal. Chem. U.S.S.R.* 10, 25-9(1955) (Engl. translation). M. Hosh

PAL'SHIN, Ye.S.; ZOLOTOV, Yu.A.

Extraction method of separating neptunium-239 from irradiated uranium.  
Radiokhimiia 1 no.4:482-487 '59. (MIRA 13:1)  
(Neptunium--Isotopes) (Uranium)



5(2,3)

AUTHORS: Alimarin, I. P., Corresponding Member, SOV/ 25-124-3-24,71  
Academy of Sciences, USSR, Zolotov, Yu. A., Pal'shin, Ye. S.

TITLE: Extraction of Pentavalent Neptunium  
(Ekstraktsionnoye izvlecheniye pyativalentnogo neptuniya)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 328-330  
(USSR)

ABSTRACT: Reliable data on the extraction of pentavalent neptunium have hitherto not been available. In the present paper, the authors prove that this extraction is possible by using 1-nitroso-2-naphthol solution in n-butyl and isoamyl alcohol at pH 9-10. Indicator quantities of Np<sup>239</sup> served for this purpose. The controls were performed with weighable quantities of Np<sup>237</sup>. The isotope Np<sup>239</sup> was isolated from uranium which had been irradiated with neutrons (Ref 3). The initial solutions of neptunium-(V) were obtained by reduction of neptunium-(VI) by means of hydrazine in the cold. The results obtained are presented in figure 1. As can be seen from it the neptunium compound cannot be extracted up to pH 6 . The percentage rate of extraction is dependent to a considerable extent on the nature

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Extraction of Pentavalent Neptunium

SCV/20-124-2-24/71

of the extracting agent; with n-butyl alcohol 90-95% are extractable at one single extraction, with isoamyl alcohol 80-85%, whereas methyl-ethyl ketone, chloroform and amyl acetate are far less effective. Benzene and diethyl ether sparingly extract neptunium-(V). Higher amounts of fluorides, carbonates, phosphates, acetates and citrates interfere with the extraction. Nitrates, chlorides and sulfates exert no negative influence. The said extraction is first of all indicative of the interaction of the  $\text{NpO}_2$  ion with 1-nitroso-2-naphthol. Reactions of the neptunium-(V) with organic reagents are unknown with a few exceptions only (complex formation Refs 5, 6). Analytical reactions for  $\text{Np(V)}$  are missing. The mentioned interaction is in agreement with earlier observed spectroscopic data (Ref 6). The results obtained can be utilized in the separation of neptunium from plutonium and uranium. The extraction of tetravalent plutonium (proved by the authors together with D. Nishanov) took place already at pH 1.0 - 1.5. The investigations are being

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Extraction of Pentavalent Neptunium

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carried on. There are 1 figure and 6 references, 5 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo  
Akademii nauk SSSR  
(Institute of Geochemistry and Analytical Chemistry imeni  
V. I. Vernadskiy of the Academy of Sciences, USSR)

SUBMITTED: October 16, 1958

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24081

S/186/60/002/006/001/026  
A051/A129

214200

AUTHORS: Alimarin, I. P.; Zolotov, Yu. A.; Pal'shin, Ye. S.

TITLE: The extraction of 1-nitroso-2-naphtholate of pentavalent neptunium

PERIODICAL: Radiokhimiya, v. 2, no. 6, 1960, 637 - 642

TEXT: Pentavalent neptunium was extracted at a pH = 9 - 10 using solutions of 1-nitroso-2-naphthol in n-butyl and isoamyl alcohols and the optimum conditions of the extraction were established. It is thought that the  $NpO_2^+$  ion is capable of forming intra-complex compounds, which can be extracted with organic solvents with a reagent correspondingly selected. The 1-nitroso-2-naphthol was chosen as reagent in this work. It was shown that extraction can be used for purifying neptunium from plutonium and uranium. Indicator quantities of  $Np^{239}$  separated from uranium irradiated with neutrons according to the method based on the nuclear emission of the decay products (Ref. 15: Y. A. Zolotov; I. P. Alimarin Atomnaya energiya, 6, 1, 70, 1959) and in some cases according to the extraction method by Pal'shin (Ref. 16: E. S. Pal'shin, Y. A. Zolotov, Radiokhimiya, 1, 4, 482, 1959) were used. The effect of a series of factors on the extraction degree

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