

SPRATEK, S.

SPRATEK, S. Transportation tasks. p. 42.

Vol. 29, no. 9, Sept. 1955

LAS POLSKI

AGRICULTURE

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

CHUBARIKOV, A.I.; SPRAVTSEV, N.A., laureat Stalinskoy premii, retsenzent;  
OSIN, I.A., Inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Work organization in a molding section] Iz opyta organizatsii  
truda na uchastke formovki. Moskva, Gos. nauchno-tekhn. izd-vo  
mashinostroit. i sude stroit. lit-ry, 1953. 27 p. (MLRA 7:8)  
(Steel casting)

Syber + u. w., 1951

W SPRAWIE

zwalczenia wściekliny u ludzi. *Control of rabies in humans?*  
Pediat polaka 24:5-6 May-June 50 p. 541-2.

1. NAY  
CIML Vol 20, No. 2 Feb 1951

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
Organic Chemistry

① Chem  
✓ The sulfonation reaction. XXV. Some properties of  
naphthalenesulfonyl chlorides. A. A. Spravskov. J.  
Gen. Chem. U.S.S.R. 22, 2791-2 (1952) (Engl. translation).  
See C.A. 47, 9314c. H. L. H.

POLYANTSEV, V.A.; S~~R~~BINENKO, M.V.

Study of the excitability of the projection zones of the cerebral cortex by the method of induced potentials. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6:8-10 '62. (MIRA 17:1)

1. Laboratoriya obshchey fiziologii tsentral'noy nervnoy sistemy i kafedra normal'noy fiziologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

SPRECHER, O.

With utmost care. p.6.

Congratulations. p.8.

REPULES. (Magyar Onkentes Honvedelmi Szovetseg) Vol 9, no. 3, Mar 1956. Budapest.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRENAR, O.

"Anatomy and physiology of poultry" by [inz.] Albin Okal.  
Reviewed by Sprenar. Prum potravin 14 no. 12:668-669 D'63.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRENCI, A.

"Cast-steel rolls for thin-sheet rolling mills." P. 133.

SLEVARENSTVI. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenska vedecka technicka spolecnost pro hutnictvi a slevarenstvi). Praha, Czechoslovakia, Vol. 7, No. 4, Apr. 1959.

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

II 44766-65 T/EWP(t)/EWP(b) JD  
ACCESSION NR: AP5015042

CZ/0057/64/000/010/0493/0499

9  
B

AUTHOR: Sprencz, Antonin (Engineer)

TITLE: High-carbon cast steel drums

SOURCE: Hutnik, no. 10, 1964, 493-499

TOPIC TAGS: carbon steel, hot rolling, metal casting

ABSTRACT: A survey is made of results achieved in Czechoslovakia and abroad in introducing and expanding production of special cast-steel drums with a higher carbon content. Technical data are given on the hot rolling and methods of casting in sheet rolling trains and light section, medium section, and medium-heavy section mill trains. New methods are described and compared with former methods.

ASSOCIATION: TZVRSR, Trinec

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 003

JPRS

me 1/1  
Card

SPRENGER, J.

Air-lubricated bearings. Tr. from the German. p.389

EPI TO ANYAG. (Epitoanyogipari Tudomanyos Egyesulet)  
Budapest, Hungary  
Vol. 11, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.12, Dec. 1959  
Uncl.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRENGER, Josef

Selection of the flight technique on individual lines.  
Letecky obzor 6 no.5:138-140 My '62.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRENGER, Josef

Preparing a flight. Letecky obzor 5 no.11:352 '61.

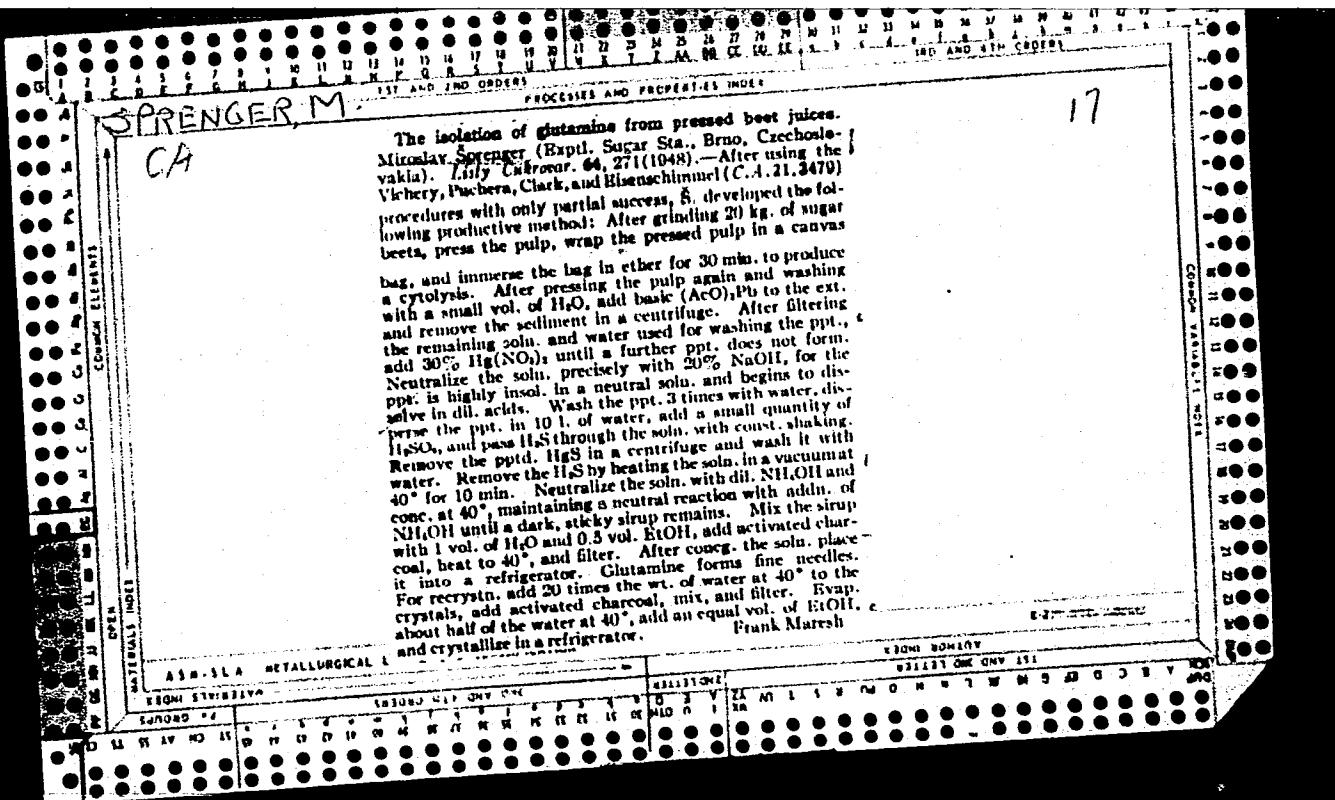
APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

JOSFAY, Gyorgy; BERNHARDT, Gyula, szakmunkas, hibamegallapito csoportvezeto,  
hatvanhetszeres ujito; SPRENGER, Kornel, uzemtechnikus; GYOROK,  
Jozsef; BALOGH, Nandor, ujitas eloado; KOVACS, Ferenc, ujitas  
eloado; KOCSIS, Laszlo, formernok

Two questions on the role of television in the field of innovations.  
Ujít lap 15 no.17:10 10 S '63.

1. Csepel Vas- es Femmuvek Eromu es Szolgaltato Uzeme.



NIKITIN, V.N.; STAVITSKAYA, L.I.; BELOKON', N.S.; PAYKOVA, L.N.;  
SPRENNE, M.V.; YASHINA, L.N.

Ontogenesis of the adrenal glands and thymicolympoid organs  
under normal conditions and following intermittent growth-  
inhibiting diet. Zhur. evol. biokhim. i fiziol. 1 no.1:45-51  
(MIRA 18:6)  
Ja-F '65.

1. Kafedra fiziologii cheloveka i zhivotnykh i Otdel ontofiziologii  
Biologicheskogo instituta Khar'kovskogo gosudarstvennogo universiteta  
im. A.M. Gor'kogo.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRENNE, V.R., kand.tekhn.nauk; SKITSKIY, O.I., inzh.; GUSEV, A.A., inzh.

Measurement in the fluctuations of the light flux of light sources.  
Svetotekhnika 10 no.2:18-21 P '64. (MIRA 17:4)

1. Ukrainskiy zaochnyy politekhnicheskiy institut,Khar'kov.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRESLIS, Auseklis Indrikovich; NETESIN, Yuriy Nikolayevich; KOPYLOVA, L.P.,  
red.; GOLICHENKOVA, A.A., tekhn. red.

[Trade-union movement in Latvia up to the Great October Socialist  
Revolution] Profsoiuznoe dvizhenie v Latvii do Velikoi Oktiabr'skoi  
sotsialisticheskoi revoliutsii. [Moskva] Izd-vo VTsSPS Profizdat,  
1958. 108 p.

(MIRA 11:8)

(Latvia--Trade unions)

FREIBERG, G.; SPRESLIS, A.

Valuable research on Latvian history; a book review. *Vestis Latv*  
ak no.10:183-188 '59. (EEAI 9:10)  
(Latvia--History) (Drizulis, Aleksandrs)

SFRESLIS, A.I.; NETESIN, Yu.N.[Netjosins, Jurijs Nikolaja d.]; SAKALE,V.,  
red.; MIRONOV,A., tekhn. red.

[In defence of proletarian interests; the trade-union movement in  
Latvia from 1905- 1919] Proletariata interesu sardze; arodkustiba  
Latvija no 1905 gada lidz 1919 gadam. Riga, Latvijas Valsts izdev-  
nieciba, 1960. 148 p. [In Latvian] (MIRA 14:12)  
(Latvia--Trade unions)

SPRESLIS, A.; BABRIS, Ya.[Babris, J.]

70th birthday of Janis Krastins. Vestis Latv ak no.8:164-166 '60.  
(EEAI 10:9)

(Krastins, Janis) (Historians, Latvian)

GRAUDINS, K.; SPRESLIS, A.

Against Latvian Menshevik exiles, history falsifiers. Vestis Latv  
ak no. 11:5-22 '60. (EEAI 10:9)

(Latvia--History) (Latvians in foreign countries)

S/137/62/000/002/106/1<sup>4</sup>  
AC60/A101

AUTHORS Speyser, R., Spretnak, Dzh.

TYPE Role of adsorption along grain boundaries in the process of corrosion cracking

PERIODICAL Referativnyy zhurnal, Metallurgiya, no. 2, 1952, 86 - 87, abstract 21589 (V sb. "Korrozion. rastreskivaniye i khrupkost'", Moscow, Mashgiz, 1961, 91 - 103)

TEXT The adsorption along the grain boundaries is considered, without taking into account the structure peculiarities of the surface layer, from the viewpoint of thermodynamics. Along the grain boundaries there occurs the positive adsorption of that component for which the surface tension is lower, and for non-ideal solutions with positive deviations from Raoult's law the excess concentration of the second component in the surface layer will be greater. The behavior of the separated out second phase depends upon the diagram of the equilibrium and metastable states of the alloy under consideration, which may change in the process of separation of the second phase; since to every system of alloys there corresponds a set of their characteristic changes, it is impossible to make

Card 1/2

Role of adsorption along...

S/137/62/000/002/105/144  
AC60/A101

a generalization for all alloys. Therefore, every system of alloys must be considered separately, even though some general thermodynamic principles can be established. Examples of groups with the same thermodynamic principles are cited. The corrosion cracking of Al-Cu alloys and of  $\alpha$ -brass is considered. There are 20 references.

N. Yudina

[Abstracter's note: Complete translation]

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRICHEZ, Z.; COCALCU, T.; PURCELEAN, S.

"An exotic species producing tannin: the red sumac (*Rhus Typhina L.*)."  
p. 397. (REVISTA PADURILOR, Vol. 69, no. 9, Sept. 1954. Bucuresti, Rumania.)

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

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRIKUT, D.

Young specialists are assuming leadership. Metallurg 7 no.7:35-36  
(MIRA 15:7)  
Jl '62. (Iron and steel plants—Factory management)

KOMANOVSKIY, A.; SPRIKUT, D.

Main direction of modernization and reorganization. Metallurg  
7 no.9:25-27 S '62. (MIRA 15:9)

1. Metallurgicheskiy zavod im. S. Ordzhonikidze.  
(Zaporozhye--Iron and steel plants)

SPRINAR, I.

Setting the CA 266 welding tractor into operation.

P. 369. (ZVARANIE) (Bratislava, Czechoslovakia) Vol. 6, no. 12, Dec. 1957

30: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

29684-65 EWT(m)/EPP(c)/ENG(m)/EWP(v)/EWP(j)/T Pe-4/Pr-4 EM/DJ

ACCESSION NR: AP5002857

Z/0059/64/000/002/0025/0030

AUTHOR: Sprinc, J. (Engineer)

30

TITLE: Notes on aircraft landing gear research and testing

28  
B

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj VZLU, no. 2, 1964,  
25-30

TOPIC TAGS: landing gear, landing gear design, landing gear testing, landing simulation,  
brake tester, tire testing, shock absorber

ABSTRACT: The landing gear testing station opened in 1960 at the Vyzkumny a zkusebni  
letecky ustav (Aviation research and testing institute) is the main such facility in  
Czechoslovakia. Its largest and most complicated installation is the drop machine which  
can lift loads of 150 - 10, 000 kg and drop them from a height of two meters onto a hard  
surface or a rotating drum 1, 500 mm in diameter, which simulates a landing at 400 km/  
hr. The drum can represent a wheel inertia of 600 - 3, 130 kg/m<sup>2</sup>, when its kinetic energy  
reaches 34, 100, 000 kgm<sup>2</sup>sec<sup>-2</sup>. The brake tester has a gear box with a maximum ratio  
of 13.1:1 which can develop torsion up to 300, 000 kp/cm. Its revolving drum, 1200 mm in  
diameter, has a moment of inertia of 910 kg/m<sup>2</sup> and kinetic energy of 15, 400, 000 kgm<sup>2</sup>  
sec.<sup>-2</sup> at a circumferential speed of 400 km/hr. These machines are regulated and  
Card 1/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652720020-6

L 29684-65

ACCESSION NR: AP5002857

observed from a safety window in the wall of the next laboratory. In order to allow manufacturers to guarantee the life of their landing gears, VZLU has built an endurance tester which drops prototype assemblies weighing 150-5, 000kg from a height of two meters at a rate of 600 drops per shift. It automatically records vertical load by tensiometer, spring resilience, and total number of drops up to tens of thousands. Aircraft tires are tested for pressure limits in a concrete bunker, where water pressure up to 40, 000 kp is supplied by an improved Mohr-Federhaff machine. Air temperature in the tires is remotely recorded during endurance tests, along with the angular velocity in acceleration. A study of landing angles, landing gear stresses and vibration is presented in a series of equations. Temperature and foaming of shock absorber fluid is considered briefly, and examples are given in one paragraph on metallurgical defects in aircraft wheels. Wheel shimmy and pressure relief systems for landing gears are briefly reviewed from previous papers by the same author. Orig. art. has: 9 figures and 11 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CTR: Act

L 00249-66 EWT(d)/EWT(l)/EWA(j)/EWP(w)/EWP(v)/T-2/EWP(k)/EWA(h)/ETC(m)  
ACCESSION NR: AP5019830 WW/EM CZ/0059/65/000/001/0019/0026

AUTHOR: Spring, J. (Engineer)

TITLE: Problems of aircraft landing gear,<sup>16</sup>

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj vzlu, no. 1, 1965,  
19-26 <sup>4455</sup>

TOPIC TAGS: aircraft landing gear, aircraft performance, aircraft industry

ABSTRACT: This is the fourth and last article of a series dealing with the problems of aircraft landing gear, summarizing the research done in Czechoslovakia in this field. After an account of the present state of the art, recommendations are given with regard to further studies, which should be carried out in accordance with the needs and capabilities of the country. The principal objectives include the investigation of landing gear under actual operational conditions (during the landing and takeoff of aircraft), and theoretical and experimental work dealing with special problems that have not been elucidated thus far, such as the conditions of skidding of wheels, braking action and efficiency, shimmy of the front landing gear, dynamics of taxiing, static ground load, and endurance. Orig. art. has: 13 figures.

Card 1/2

L 00249-66

ACCESSION NR: AP5019830

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: AC

NO REF SOV: 000

OTHER: 011

Card 2/2

L 20216-66 EWT(d)/EWP(h)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(l) JD  
ACC NR: AP6010342 SOURCE CODE: CZ/0032/65/015/007/0524/0533

AUTHOR: Kozelsky, F. (Engineer); Sprinc, J. (Engineer)  
ORG: [Kozelsky] Technometra, n.p., Prague; [Sprinc] Research and Experimental Institute of Aviation, Prague (Vyzkumny a zkusebni letecky ustav) 56  
B

TITLE: Impact machine for dynamic tests of aircraft landing gears

SOURCE: Strojirenstvi, v. 15, no. 7, 1965, 524-533

TOPIC TAGS: aircraft landing gear, impact test, landing impact, pressure measuring instrument

ABSTRACT: The article describes a sophisticated impact machine which simulates very closely conditions at landing; its measuring systems permit registering loads and stresses at 12 points of the undercarriage undergoing tests. Eight other important factors are registered by accelerographs and pressure-sensing devices. The methods applied for calculation of individual components of the machine and some design problems which had to be solved are outlined. This paper was presented by V. Marcelli, Engineer, Doctor. Orig. art. has: 19 figures and 15 formulas. [JPRS]

SUB CODE: 01, 20 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

Card 1/1 7/105

UDC: 629.135.015;629.139.8

SPRING 1955.

In memory of Stefan Palickar. p. 124.

POCT. ('Spolok slovenskych spisovatelov a uvelcov') Cleveland, Czechlovakia.  
Vol. 2, no. 3, 1955.

Monthly List of East European Accessions (EEAI), IIC, Vol. 9, No. 2, Feb. 1960.  
Uncl.

SPRING, MIKULAS.

Cesty a osudy. [Chicago] 1957. 109 p. [Travels and destinies. illus.]

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

SPRINCEANA, N. ; CRETU, D.

Modeling primary machines with the help of electric machines. p. 168.

ELECTROTEHNICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Energiei Electrice si Industriei Electrotehnice) Bucuresti, Rumania, Vol. 7, no. 5, May 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

SPRINCEANA, N.

Electrodynamic modeling of speed regulators in hydraulic turbines. p. 305

STUDII SI CERCETARI DE ENERGETICA  
Bucuresti, Rumania  
Vol. 9, no. 2, 1959

Monthly list of European Accession Index (EEAI) LC 'cl. 8, No. 11  
November 1959  
Uncl.

SPRINCENATU, M., ing.; GHEORGHIU, Gh., ing.

Transylvania formula for computing the gas pipelines. Petrol si gaze  
12 no.10:457-459 0 '61.

(Gas, Natural) (Pipelines)

KRAVCHENKO, A. Ye; SPRINCHAN, S. L.

Adapting the kymograph for ink recording. Biol. v shkole no.2:94  
Mr-Ap '61. (MIRA 14:3)

1. Gomel'skiy pedagogicheskiy institut.  
(Kymograph)

SPRINCL, Ladislav

The effect of radiation on some characteristics of cellular protoplasm. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad. Kral.) 4 no.1 suppl.:71-74 '61.

1. Katedra biologie; prednosta doc. MUDr. B. Hluchovsky.

(PROTOPLASM radiation effects)

HOJA, Stefan; PUZA, Vladimir; SPRINCL, Ladislav

Activities of some cell elements in regenerating skeletal muscles.  
Biologia 17 no.2:143-147 '62.

1. Katedra biologie Lekarskej fakulty Univerzity Komenskeho v Bratislave  
a Katedra biologie Lekarskej fakulty Karlovej Univerzity v Hradci Kralove.

(MUSCLES anat & histol) (REGENERATION)

SPRINDRICH, J.

Treatment of skin cancer with fractional irradiation. Acta radiol.  
cancer.bohem. 4 no.5-6:185-193 30 D '49. (CLML 19:3)

1. Of the National Institute of Radiotherapy in Brno (Director --  
Prof. J.Sprindrich, M.D.).

SPRINDRICH J.

Protirakovinna poradny v kraji Brnenskem. /Cancer consultation centers in the Brno region/ Lek. listy 6:12 15 June 51  
p. 369-71.

NAL  
CLML Vol. 20, No. 10 Oct 1951

EXCERPTA MEDICA Sec.16 Vol2/6 Cancer June 5<sup>th</sup>

2778. SPRINDRICH J. Masarykova st. radioléč. úst., Brno. Rakovina plic *Cancer of the lung* Lék. Listy 1953, 8/17 (381-383)

It is noted that the incidence has increased and that failure to diagnose the condition early makes surgical treatment possible in only 10% of cases. Routine examination of individuals of working age yields a low incidence of lung cancer (0.003-0.017%). In the authors' hospital during the period 1933-1951 X-ray therapy was given to 599 cases of lung cancer, of which 107 were women. The average duration of the disease to the time of death was 12.7 months for men and 13.8 months for women. Hora - Prague

SPRINDRICH, Jan, Dr (Brno, Havlickova 41)

Organization of cancer control. Lek listy 9 no.9:209-211 My '54.  
(REAL 3:8)

(NEOPLASMS, prevention and control.)

\*

CAHA, Archimiro, MUDr., RNDr.; za spoluprace: SPRINDRICH, J., Dr.

Relative measurement of the brightness of a roentges picture  
with a photo multiplicator. Cas. lek. cesk. 94 no.24:642-646  
10 June 55.

l. Onkologicky ustav Brno, reditel doc. Ing. O. Benes, laborator  
pro zdokonaleni stitiv fotografie, Brno, Ing. F. Dadok, Vyvojove  
dilny CSAV, Brno, RNDr. V. Prokes, fysikalni ustav vysoka skoly  
stavitelske, Brno.

(ROENTGENOGRAMS

picture brightness measurement with photo multiplicator)

SPRINDRICH, Jan, Doc., Dr.

Improvement of the treatment of cervical carcinoma. Cesk. roentg.  
10 no. 3: 119-122 Aug 56.

1. Onkologicky ustav v Brne.  
(CERVIX NEOPLASMS, ther.  
radiother.)  
(RADIOTHERAPY, in various dis.  
cancer of uterine cervix)

SPRINDRICH, J., Doc., Dr.; BROSCHE, E., Dr.

Cancer of the tongue. Cesk. otolar. 6 no.2:94-97 Apr 57.

1. Onkologicky ustav v Brne, prednosta doc. Dr. J. Sprindrich  
Klinika nemoci usnich, nosnich a krcnych prednosta prof. Dr.  
F. Ninger.

(TONGUE, neoplasms  
radiother. & surg., statist. (Cz))  
(RADIOTHERAPY, in various dis.  
cancer of tongue, statist. (Cz))

HIADKY, Robert; SPRINDRICH, Jan

Cancer of the larynx. Neoplasma, Bratisl. 5 no.2:171-179 1958.

1. Oto-Rhino-Laryngological Clinic, Masaryk University, Brno Oncological Institute, Brno. Authors' address: Dr. R. Hladky, Brno, Masarykova universita, Oto-rhino-laryngologicka klinika; Dr. J. Sprindrich, Brno, Zluty kopec 7, Onkologicky ustav.

(LARYNX, neoplasms,  
ther.)

ZAHORIK, Ivan; SPRINDRICH, Jan

Rheumatic disease in children; occurrence at the Pediatric Clinic in Brno from 1945 to 1955 & its relation to meteorological factors. Cesk. pediat. 13 no.3:206-213 5 Apr 58.

1. I detska klinika fakultni nemocnice, prednosta doc. Zd. Brunovsky.  
Ustav lekarske fizyky v Brne; prednosta as. Vl. Rauser.

(RHEUMATISM, in inf. & child

in Czech., relation to meteorol. factors (Cs))

(ATMOSPHERIC PRESSURE

relation to incidence of rheum. in child. in Czech. (Cs))

SPRINDRICOVA, D.

CZECHOSLOVAKIA

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic( Stomatolo-  
gicke oddeleni krajske nemocnice s poliklinikou v Ostrave),  
Ostrava; Director: V. Kopec, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 343-349.

"Eosinophil Granuloma of the Mandible".

Co-author:

SPRINDRICH, J., Orthopedic Section, MUNZ Hospital (Ortopedické  
oddeleni nemocnice MUNZ v Ostrave), Ostrava; Director: K. NOVO-  
TNY, MD.

(3)

SPRINDRICOVA, D.

TOMASEK, J.

Czechoslovakia

2

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologické oddelení krajské nemocnice a poliklinikou v Ostravě),  
Ostrava; Director: V. KOPEC, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 337-342.

"Local Application of Hydrocortisone in the Treatment of  
Periodontitis".

Coauthors:

DOLEGER, R., Stomatology Section, Kraj Hospital and Polyclinic;  
SPRINDRICOVA, D., Intern Section, Kraj Hospital and Polyclinic,  
Ostrava.

(3)

SPRINDRICH, D.

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic( Stomatolo-  
gicke oddeleni krajske nemocnice s poliklinikou v Ostrave),  
Ostrava; Director: V. Kopec, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 343-349.

"Eosinophil Granuloma of the Mandible".

Co-author:

SPRINDRICH, J., Orthopedic Section, MUNZ Hospital (Ortopedické  
oddeleni nemocnice MUNZ v Ostrave), Ostrava; Director: K.NOVOT-  
NY, MD.

(3)

SPRINDZHUK, V.G.

Dilworth's theorem on partially ordered sets. Dokl. AN BSSR  
7 no.12:803-804 D '63. (MIRA 17:8)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.  
Predstavлено академиком AN BSSR V.I. Krylovym.

SPRINDZHUK, V.G.

Number of solutions to the diophantine equation  $x^3 = y^2 + A$ . Dokl. AN  
BSSR 7 no.1:9-11 Ja '63. (MIRA 17:1)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina. Predstav-  
leno akademikom AN BSSR V.I.Krylovym.

SPRINDZHUK, V.G.

Mahler's hypothesis. Dokl. AN SSSR 154 no.4:783-786 F '64.  
(MIRA 17:3)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.  
Predstavлено академиком I.M. Vinogradovym.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

СИКИРСКИЙ, В.С.

Further on Mahler's hypothesis. Dokl. AN SSSR 155 no.1:54-56  
Mr '64. (MIRA 17:4)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.  
Predstavлено akademikom I.M.Vinogradovym.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRIN'GUER, V.V.

Proof of Mahler's conjecture about the measure of a set of S-numbers.  
Izv. AN SSSR. Ser. mat. 29 no.2:379-436 '65.

(MIRA 18:5)

I. Institut matematiki i vychislitel'noy tekhniki AN RSSR.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRINGER, A.

Problems and Outcome of Results of High-speed Mixing Methods. Leka  
Promishlenost (Light Industry), #10:40:Oct. 1955

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRINGER, E.

Leg ulcer and its treatment with histamine. Prakt. lek., Praha  
31 no.15:325-327 5 Aug 1951 (CIML 21:1)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

2 821.317.757

8180. A PANORAMIC FREQUENCY ANALYSER. V.Spriniger.  
Slaboproudý Obzor, Vol. 19, No. 8, 508-10 (1958). In Czech.

A general description (with block schematics and some circuit diagrams) of the instrument is given. The device operates at frequencies ranging from 10 c/s to 1 kc/s and is used in the vibration analysis of internal-combustion engines. The signal to be analysed is, after amplification, applied to a mixer together with a local oscillator signal, whose frequency is swept from 1.5 to 2.5 kc/s. The resulting output signal of the mixer has an average frequency of 1.5 kc/s. This is applied to another mixer whose local oscillator is

such that its output signal is fed to a detector and then to the vertical plates of a c.r. tube. The horizontal plates of the tube are driven by the time base which modulates the local oscillator of the first mixer.  
R.S.Sidorowicz

SPRINGER, Vladimir, prom. farm.; MAJER, Jaroslav, doc., PhMr. C.Sc.

Spectrophotometric analysis of the formation of chelates of  
the mesoform and racemic form of 2,3-diaminobutane with copper  
ions. Chem zvesti 18 no.11:813-822 '64.

1. Chair of Analytic Chemistry, Faculty of Pharmaceutics,  
Komensky University, Bratislava, ul. Odbojarov 12.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRINGER, Václav, inz.

Cable socket for laboratory connecting cords. Sideltech 13  
no. 1139 Ja '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRINGER, V.

Appliance for the registration of evoked potentials. Cesk. fysiol.  
9 no.1:52-53 Ja 60.

1. Ustav patologicke fysiologie lek. fak. KU, Plzen.  
(BRAIN physiol.)  
(ELECTROPHYSIOLOGY equip. & supply)

SPRINGER, Vladimir

"Spectrophotometric Studies of Isomerization of Trans-B-carotens during the Determination of the Effect of Temperature," Bratislava, Chemicke Zvesti, No. 10, Oct 60, p. 701.

Affiliation: Department of Analytic and Pharmaceutical Chemistry, Faculty of Comenius University in Bratislava.

CHALOUPKA, Z.; MYSLIVECEK, J.; SPRINGER, V.

Electrophysiological indicators of lesions of the nervous system in  
early ontogenesis. Acta univ. carol. [Med] Suppl. 15:41-46 '61.

1. Ustav patologické fyziologie lekarské fakulty University Karlovy se  
sidlem v Plzni, prednosta doc. MUDr. J. Myslivec.  
(ELECTROENCEPHALOGRAPHY) (BRAIN physiol)  
(NERVOUS SYSTEM physiol)

SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Chair of Analytical Chemistry, Faculty of Pharmacy, UK /Universita Komenskeho, Comenius University/ (Katedra analytickej chmiae, Far-

maceuticka fakulta UK), Bratislava.

Source: Bratislava, Farmaceuticky Obzor, Vol XXX, No 4, 1961, pp 114-119.

Data: "Flame Photometry and Its Application in Pharmaceutics."

Authors: SPRINGER, V.

NOVAK, V.

204  
GPO 981643

SPRINGER, Vladimir, PhMr. (Bratislava, Ulica Odbojarov 12)

Spectrophotometric examination of certain effects on the determination of vitamin A and  $\beta$ -carotene. Acta pharmac  
6:63-92 '62

1. Katheder fur analytische Chemie der Pharmazeutischen Fakultat, Bratislava.

MYSLIVECEK, J.; HASSMANNOVA, J.; SPRINGER, V.

Experience with the analysis of higher nervous activity in rats following the exclusion of the cerebral cortex. Activ. nerv. sup. 4 no.2: 125-126 '62.

1. Ustav patologicke fyziologie lekarske fakulty Karlovy university v Plzni.

(CENTRAL NERVOUS SYSTEM physiol)  
(CEREBRAL CORTEX physiol)

MAJER, Jaroslav, doc., PhDr., C.Sc.; SPRINGER, Vladimir, promovany  
farmaceut

Cinnamohydroxamic acid, a new complexometric indicator of ferric  
ions. Chem. zvesti 16 no.8:633-642 Ag '62.

1. Katedra analytickej chemie, Farmaceuticka fakulta University  
Komenskeho, Bratislava, ulica Odbojarov.

CZECHOSLOVAKIA

V. SPRINGER, Institute of Pathological Physiology of Medical Faculty of Charles University (Ustav patologické fyziologie lekarské fakulty Karlovy University) Head (prednosta) Docent Dr J. NYSLIVECEK DrSc, Plzen.

"Electronic Installation of the Electrophysiology Unit of the Institute of Pathological Physiology."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 134-138.

Abstract : Description of apparatus and connections as used for conditioned reflex studies: visual, auditory, electric and mechanical impulse generators and recorders, with amplifiers detectors and related armamentarium. Electrical and block schematics, oscillogram patterns. Two Czech and 1 Soviet reference.

1/1

CZECHOSLOVAKIA

V. SPRINGER, J. MAJER and R. KARLICEK, Department of Analytical Chemistry (Katedra analytické chemie), Faculty of Pharmacy, Comenius University, Bratislava.

"Use of Cinnamoylhydroxamic Acid as a New Complexometric Indicator of Fe<sup>3+</sup> in the Control of Drugs."

Prague, Ceskoslovenska Farmacie, Vol 12, No 1, Jan 1963; pp 4-6.

**Abstract** [English summary modified]: Cinnamoylhydroxamic acid complexometry was found a simple and rapid analytical procedure for determination of ferric ions in 4 currently used iron preparations; pH 6.6 to 1.7 at 45 °C. 50° centigrade; results agree with those of oxide-reduction or gravimetric methods. Five tables, 3 Czech and 2 Western references.

1/1

CZECHOSLOVAKIA

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652720020-6"

V. SPRINGER and J. MAJER, Department of Analytical Chemistry of Cosmetics University, Bratislava.

"The Flask Combustion Method and its Use in the Control of Drugs. Part I. The Determination of Sulfonamides."

Prague, Ceskoslovenska Farmacie, Vol 12, No 1, Jan 1963; pp 6-10.

**Abstract** [English summary modified]: Reports analysis of the 10 sulfonamide preparations official in the Czechoslovak Pharmacopeia II. Titration of SO<sub>4</sub><sup>2-</sup> ions with Pb(NO<sub>3</sub>)<sub>2</sub> on dichloro in acetone was required. Commonly used titration with a volumetric solution of barium perchlorate and metacycline blue as indicators was unsatisfactory. Results were 0.5 to 2% higher than with diazotizing titration, due to increase in SO<sub>4</sub><sup>2-</sup> ratio and proportional to it in the sulfonamides studied. Two tables, 3 diagrams, 3 Czech, 3 Soviet and 18 Western references.

1/1

L 1609-66 EPF(c)/EWP(j)/T/EWA(c) RM  
ACCESSION NR: AP5024487

CZ/0043/64/000/011/0813/0822

48  
45  
40

AUTHOR: Springer, V. (Shpringer, V.) (Graduate pharmacist) (Bratislava); Majer, J. (Mayer, Ya.) (Docent, Pharmacist, Candidate of sciences) (Bratislava)

44,55

TITLE: Spectrophotometric investigation of the formation of chelates of the meso- and racemic forms of 2,3-diaminobutane with copper ions

SOURCE: Chemicke zvesti, no. 11, 1964, 813-822

TOPIC TAGS: spectrophotometric analysis, isomer, butane, amine, chelate compound, chemical absorption, absorption spectrum, copper, ion

ABSTRACT: Description of experimental results of a spectrophotometric investigation of the formation of the space isomers of 2,3-diaminobutane is presented. The composition of the chelates, their formation as a function of the pH, and the absorption spectra in the visible and ultraviolet region are discussed. The chelates of the Cu<sup>++</sup> ion are violet in color; they have similar absorption spectra, absorption maxima, and absorption coefficients. Orig. art. has: 3 formulas, 8 graphs, 2 tables

Card 1/2

L 1609-65

ACCESSION NR: AP5024487

ASSOCIATION: Katedra analytickyj chemie Farmaceutickej fakulty Univerzity  
Komenskeho, Bratislava (Department of Analytical Chemistry, Pharmaceutical  
Faculty, Comenius University)

SUBMITTED: 29Sep63

ENCL: 00

SUB CODE: OC, CC

NR REF SOV: 000

OTHER: 016

JPRS

Card 2/2

HRADECKY, L.; SACH, J.; SPRINGER, V.

Fetal electrocardiography. Cesk. gynek. 29 no.6:493-496  
Ag '64.

1. Gyn.-por. klin. lek. fak. Karlovy University v Plzni  
(prednosta prof. dr. V. Mikolas); interni klin. lek. fak.  
Karlovy University v Plzni (prednosta prof. dr. K. Bobek);  
odd. exp. patol. lek. fak. Karlovy University v Plzni,  
(prednosta prof. dr. J. Myslivecek, DrSc.).

CZECHOSLOVAKIA

SPRINGER, V., PIKULIKOVA, Z.

Department of Analytical Chemistry, Faculty of Pharmacy, Comenius  
University (Katedra analytickej chemie Farmaceutickej fakulty  
University Komenskeho), Bratislava

Bratislava, Farmaceuticky obzor, No 10, October 1965, pp 418-427

"Method of incineration of organic substances in a flask and its  
use in pharmaceutical control. Part 4: Determination of chlortet-  
racycline and chloramphenicol."

L 13145-66

ACC NR: AP6005701

SOURCE CODE: CZ/0079/65/007/002/0208/0203

AUTHOR: Springer, V.

ORG: Institute of Pathological Physiology, Medical Faculty, Charles University, Plzen (Ustav patofyziologie LF KU) 11  
B

TITLE: Single purpose apparatus for measuring time parameters of evoked potentials [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 208

TOPIC TAGS: medical laboratory instrument, electrophysiology

ABSTRACT: The author describes the instrument that he designed. It is suitable for construction in laboratories, using easily accessible components. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

**"APPROVED FOR RELEASE: 08/25/2000**

CIA-RDP86-00513R001652720020-6

and *W. m. m. m.* and *W. m. m. m. m.* and *W. m. m. m. m. m.*

1. *Paracoccidioides brasiliensis* (Machado, 1901) (syn. *Coccidioides brasiliensis* (Machado, 1901))  
2. *Paracoccidioides lutzii* (Machado, 1901) (syn. *Coccidioides lutzii* (Machado, 1901))

Chair of Faculty, Department of Theoretical and Applied  
Economics, University of Latvia, Riga, Latvia LV-1000. Submitted  
August 31, 2011.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

CZECHOSLOVAKIA

HASSMANNOVA, J.; MYSLIVECEK, J.; SPRINGER, V.; Institute of Pathological Physiology, Medical Faculty, Charles University, Plzen.  
/Orig. version not given/.

"The Relationship of Thalamic and Cortical Auditory Areas."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, p 179

Abstract: The interrelation of both medial geniculate bodies (GM) participates in the transmission of excitation to the contralateral hemisphere. When one GM is eliminated by butane cooling for 5 minutes to 4 - 7°C the response in the cortical area on the side of stimulation remains unchanged in most animals; in some the amplitude is reduced by about 10%. The responses on the cooled side disappeared completely in some cases, amplitude decreased by 50 - 100%, and latency lengthened. The experiments were conducted on rats. 1 figure, no references. Submitted at the 4th Confer. of Exper. and Clin. Study of Higher Nerv. Functions at Marianske Lazne 12-15 Oct 65. Article is in English.

1/1

CZECHOSLOVAKIA

SPRINGER, V; KARLICEK, R; MAJER, J

Institute of Analytical Chemistry, Pharmaceutical Faculty, Komenska University, Bratislava - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 774-786

"Contribution to investigation of the structure of complexes of N,N-di(hydroxyethyl) glycine with Cu<sup>2+</sup>, Ni<sup>2+</sup> and Co<sup>2+</sup>"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

SPRINGER, Zvonko (Khartoum)

Preservation of Nubian monuments. Gradevinar 15 no.4:131-137 Ap '63.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRINGIS, E.

GENERAL

PERIODICALS: VESTIS, NO. 6, 1958

SPRINGIS, E. Ancient cave-ins in the valley of the Daugava River.  
In Russian. p. 119.

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

SPRINGIS, V.

GENERAL

PERIODICALS: VESTIS No. 1, 1958

SPRINGIS, V. Structure connection of the Verkhoyansk folded zone with Priamurye and Transbaikalia. In Russian. p. 137

Monthly list of East European Accessions (EEAT) IC, Vol. 2, No. 2,  
February 1959, Unclass.

ZHELNIN, G.A., otv. red.; ORVIKU, K.K., red.; GUDELIS, V.K., red.;  
SPRINGIS, K.Ya., red.; VILLMANN, Ch.I., red.; PARFENOVA, L.,  
red.; TUOMSALU, E., tekhn. red.

[Conference on the Neotectonic Movements in the Baltic Sea  
Region; Tallin, 1960] Materialy Soveshchaniia po voprosam  
neotektonicheskikh divzhenii v Pribaltike, Tallinn, 1960.  
Tartu, AN Estonskoi SSR, 1960. 154 p. (MIRA 16:9)

1. Soveshchaniye po voprosam neotektonicheskikh dyizheniy v  
Pribaltike, Tallinn, 1960.  
(Baltic Sea Region--Geology, Structural--Congresses)

SPRINGIS, K.

Geology of Soviet Latvia during 20 years. In Russian. *Vestis Latv ak no.7:203-212 '60.* (KEAI 10:7)  
(Latvia—Geology)

NIKOLAYEV, N.I., red.; SPRINGIS, K.Ya., red.; SHUL'TS, S.S., red.; BAZHANOVA, S., red.; LEMBERGA, A., tckhn. red.

[Recent tectonics of the USSR; submitted to the VI Congress of INQUA] Neotektonika SSSR; k VI kongressu Mezhdunarodnoi assotsiatsii po izucheniiu chetvertichnogo perioda (INQUA). Pod red. N.I.Nikolaeva i K.IA.Springisa. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961. 336 p.  
(MIRA 14:12)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Geologijas instituts. 2. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze (for Nikolayev). 3. Institut geologii Akademii nauk Latvийskoy SSR (for Springis).

(Geology, Structural)

SPRINGIS, K., otv. red.; DANILANS, I., kand. geol.-min. nauk, red.;  
LIEPINS, P., kand. geol.-min. nauk, red.; KRILOVA, N., red.;  
PILADZE, Z., tekhn. red.

[Geology of the Latvian S.S.R.] Latvijas PSR geologija. Riga,  
Zinatnu akad. izdevnieciba, 1961. 515 p. (MIRA 15:5)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademija.
2. Chlen-korespondent Akademii nauk Latviyskoy SSR (for Springis).  
(Latvia--Geology)

SPRINGIS, K.

3d Astrogeologic Conference on problems of the theory of the earth.  
Vestis Latv ak no.1:167-172 '61. (EEAI 10:9)

(Astrology) (Earth)

SPRINGIS, K.

Third Astrogeological Conference on the Problems of the Theory of the  
Earth. Vestis Latv ak no.1:167-172 '61.

SPRINGIS, K.

Some remarks on the correlations of geotectonic cycles in the  
northwest of the U.S.S.R. Izv,AN Latv,SSR no.6:65-70 '63.

(MIRA 17:4)

1. Institut geologii AN LatvSSR.

BELYUKAS, K.K.[Bieliukas, K.], akademik, red.; ZHELNIN, G.A.,  
red.; GUDELIS, V.K., red.; LESIS, I.P.[Liesis, J.],  
red.; MAAZIK, V.Ya.[Maasik, V.], red.: OZOL, L.P.  
[Ozols,L.], red.; ORVIKU, K.V., red.; RAZHINSKAS, A.K.  
[Razinskas, A.], red.; SPRINGIS, K.Ya., red.

[Recent and latest crustal movements in the Baltic region;  
materials of the Interrepublic Conference on the Problems  
of Recent Tectonic Movements in the Baltic Region for the  
2d International Symposium on the Study of Recent Crustal  
Movements, Helsinki, 1965] Sovremennye i noveishie dvizhe-  
niia zemnoi kory v Pribaltike; materialy... k II Mezhdu-  
narodnomu simpoziumu po izucheniiu sovremennoykh dvizhenii  
zemnoi kory, Khel'sinki, 1965. Pod red. V.K.Gudelisa.  
Vilnius, AN Litovskoi SSR, 1964. 139 p. (MIRA 18:1)

1. Mezhrespublikanskove soveshchaniye po voprosam neotekto-  
nicheskikh dvizheniy Pribaltiki. 3d, Vilna, 1962. 2. Akade-  
miya nauk Litovskoy SSR (for Belyukas).

BABUSKIN , V.; CIMLOV , D.; SPRINGIS, R.[translator]; MARKONS,A.,  
red.; RUBENE, J., red.

[Volunteer participation in production] Sabiedriskie pamati  
razosana. Riga, Latvijas Valsts izd-ba, 1963. 56 p.  
[In Latvian. Translated from the Russian] (MIRA 17:6)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

LAVROV, F.A. (Moskva); SPRINTSINA, Ye.N. (Moskva)

Combustion with knock in compression- ignition engines. Izv.  
AN SSSR Otd.tekh.nauk no.7:86-93 J1 '56. (MLRA 9:9)  
(Gas and oil engines--Ignition)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

LIPSKIY, A.Ya., kand. med. nauk; SPRINTSSON, R.G.

Characteristics of the clinical course and therapy of postoperative thrombosis in the system of the portal vein. Vest. khir. 93 no.11:48-53 N '64. (MIRA 13:6)

1. Iz gruppy po gastroenterologii AMN SSSR pro chlene-korrespondenta AMN SSSR professore S.M. Rysse (zav. khirurgicheskim otdelom - sasluzhennyj deyatel' nauki prof. P.N. Napalkov).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6

POLEVAYA, N.I.; MURINA, G.A.; SPRINTSON, V.D.

Possible errors in determining the absolute age of rocks by the  
argon method. Inform.sbor.VSEGEI no.3:109-114 '56. (MIRA 10:1)  
(Radioargon dating)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652720020-6"

SPRINTSSON, V. D.

Comparative characteristics of some analytical methods for determining potassium<sup>41</sup> in silicates? G. A. Murina, A. D. Iskanderova, and V. D. Sprintson. *Vsesoyuz. Nauch.-Issledovatel. Geol. Inst., Information. Sbornik*, 1956, No. 3, 134-7. — The quant. pptn. of K and sepn. from Na with chloroplatinate (I), perchlorate (II), and dipicrylamine (III) are compared by using K<sup>41</sup> and Na<sup>24</sup> with half-lives of 12.4 hrs. and 15 hrs., resp., as indicators. With II, 0.2-0.5 g. ore was decompd. by HF-HClO<sub>4</sub>, evapd., pptd. by a mixt. of 98.8% alc. and 0.2% HCl, filtered, repprd., and dried at 300-50°. With III, 0.2-0.5 g. ore was decompd. by HF-H<sub>2</sub>SO<sub>4</sub>, evapd., treated with hot H<sub>2</sub>O and 0.5 g. MgO, and filtered into a 50-100-ml. flask. K was detd. in an aliquot part by evapn. to 2-5 ml., pptn.

by 2 ml. of a 9% soln. of Mg dipicrylamine, filtering the next day, washing, and drying at 100-50°. Radioactive K<sup>41</sup> or Na<sup>24</sup> added before pptn. could be used to est. the completeness of the K/Na sepn. Conclusion: II and III are as precise as I, and III is of more general application and requires less time. Pauline Szapiro

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4E4j

3(0)

AUTHORS: Polevaya, N. I., Titov, N. Ye.,  
Belyayev, V. S., Sprintsson, V. D. SOV/7-58-8-2/8

TITLE: Experimenting the Calcium Method for the Determination of  
the Absolute Age of Sylvites (Optyt primeneniya kal'tsiyevogo  
metoda dlya opredeleniya absolyutnogo vozrasta sil'vinov)

PERIODICAL: Geokhimiya, 1958, Nr 8, pp 718 - 726 (USSR)

ABSTRACT: The possibility of employing the calcium method for age determinations was investigated in this paper. Two samples of white sylvite from stratum "B", Verkhnekamskoye deposit, Berezniki, and one sample from Polovinskaya skvazhina (Irkutskiy amfiteatr) were examined. Calcium was separated from potassium by ion exchangers. For this purpose a new method was developed by the authors and controlled by means of the radioactive isotope Ca<sup>45</sup>. An apparatus of the type B was used for the measurements. The separated calcium was determined by isotope dilution with Ca<sup>42</sup> by the aid of the mass spectrometer MS-2m. The Ca<sup>44</sup>/Ca<sup>42</sup> - isotope ratio was determined again (Table 4). The resulting age data are given in table 2. For a comparison, the age was also

Card 1/2

Experimenting the Calcium Method for the Determination of SOV/7-58-8-2/8  
the Absolute Age of Sylvites

determined by the K/Ar-method. The potassium content was determined by the dipicryl amine method. Argon was measured volumetrically. The isotope analysis of the separated argon was carried through by A. V. Mattes with the mass spectrometer MS-2 m. The results are given in table 5, and they are in good agreement with the results of the calcium method provided the investigated sample was not recrystallized (Table 6). The authors thank A. N. Murin and L. M. Krizhanskiy for advice. There are 2 figures, 6 tables, and 14 references, 6 of which are Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut i Radiyevyy institut AN SSSR, Leningrad (All-Union Scientific Research Institute of Geology and Radium Institute AS USSR, Leningrad)

SUBMITTED: June 23, 1958

Card 2/2

POLEVAYA, N.I.; PUTINTSEV, V.K.; SPRINTSSON, V.D.

Absolute age of certain igneous and metamorphic rocks in North  
Korea. Sov.geol. 4 no.6:119-124 Je '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.  
(Korea, North—Geology, Stratigraphic)

MURINA, G.A.; SPRINTSSON, V.D.

Retention of radiogenic argon in glauconites. Geokhimiia no.5:459-462  
'61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut,  
Leningrad.

(Argon)  
(Glauconite)

BOBROV, V.A.; POLEVAYA, N.I.; SPRINTSSON, V.D.; TIKHOMIROV, N.I.

Age groups of intrusive rocks in Transbaikalia and eastern Mongolia  
based on geological data and the results of absolute age determination.  
Sov.geol. 6 no.3:94-112 Mr '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut  
i Geologorazvedochnoye upravleniye pri Sovete Ministrov Mongol'skoy  
Narodnoy Respubliki.  
(Transbaikalia—Geological time) (Mongolia—Geological time)

IVANTER, V. [translator]; SPRINTSIN, M.N., red.; GORYUNOVA, L.K.,  
red.izd-va; PROKOF'YEVA, L.N., tekhn.red.

[World forest resources; result of the 1953 inventory prepared  
by the Forestry Division of Food and Agriculture Organization of  
the United Nations] Mirovye lesnye resursy; rezul'taty perepisi  
1953 g., provedennoi lesnym otdelom FAO. Moskva, Goslesbumizdat,  
1959. 105 p. [Translated from the English] (MIRA 12:9)

1. Food and Agriculture Organization of the United Nations.  
Forestry Division.  
(Forests and forestry--Statistics)