

SIPTINER, Yu.B., inzh.; CHERNETSKIY, G.I., inzh.

Standardized parts of founding equipment. Stroii dor.  
mashinostr. 4 no.8:34-35 Ag '59. (MIRA 12:12)  
(Foundry machinery and supplies)

CHEBNETSKIY, I.G., inzh.; SIPITINER, Yu.B., inzh.

Universal device for gear milling designed at the "IAnvarkoe  
Vosstanie" Plant. Stroitel'no-mashinostr. 4 no.9:31-32  
S 159. (MIRA 12:11)  
(Gear-cutting machines)

CHERNETSKIY, G.I., inzh.; SIPITINER, Yu.B., inzh.

Combination die for bending clamps. Stroitel'no-mashinostr.  
no.7:29-30 J1 '59. (MIRA 12:11)  
(Dies (Metalworking))

CHERNETSKIY, G.I.; SIPITINER, Yu.B.

Lathe operator and innovator. Mashinostroitel' no.10:30-31 0  
'59. (MIRA 13:2)  
(Turning--Technological innovations)

SIPITINER, Yu.B., inzh.; CHERNETSKIY, G.I., inzh.

Devices for turners-innovators. Stroi. i dor. mashinostr. 5  
no.4:36-37 Ap '60. (MIRA 13:9)  
(Turning--Technological innovations)

SIPITINER, Yu.B., inzh.; CHERNETSKIY, G.I.; inzh.

The 40-ton K-401 crane equipped with pneumatic tires. Stroil. i dor.  
mashinostr. 5 no.10:12-13 0 '60. (MIRA 13:10)  
(Cranes, derricks, etc.)

CHERNETSKIY, G.I.; SIPITNER, Yu.B.; SHVARTS BURD, M.P.

Readjustable universal pneumatic attachments. Mashinstroitel'  
no.8:27 Ag '60. (MIRA 13:9)  
(Machine tools--Attachments)

S/193/60/000/009/009/013  
A004/A001

AUTHORS: Sipitiner, Yu.B., Chernetskiy, G.I.

TITLE: The K-401 Diesel-Electric Crane <sup>14</sup>

PERIODICAL: Byulleten' tekhniko-ekonomicheskoi informatsii, 1960, No. 9,  
pp. 43-45

TEXT: Based on the design of a team of designers of the ODK, the zavod (Plant) im. Yanvarskogo vosstaniya in 1959, manufactured a pilot model and prepared the serial production of the K-401 diesel-electric crane on pneumatic tires, possessing a lifting capacity of 40 tons. The power equipment of the crane consists of a 100-hp KDM-100 (KDM-100) diesel engine and an a-c generator. The costs of the KDM-100 diesel engine are by 2.4 times lower than those of the 2D-6 (2D-6) diesel engines used on the K-252 and K-501 cranes. A serial reducer of the PM (RM) series is used for the drive of the main, bucket and jib winches. A new feature of this crane model is an additional jib of 10 m length which is mounted on the main jib of 25 m length. The jib projection is 14 m while the lifting height amounts to 30 m (at a lifting capacity of 5 tons). The author presents a description of the crane design and points out that the application

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CHERNETSKIY, G.I.; SIPITINER, Yu.B.

Die for bending collars. Mashinostroitel' no.11:19 № '60.

(MIRA 13:10)

(Dies (Metalworking))

SIPITINER, Yu.B., inzh.; CHERNETSKIY, G.I., inzh.

New K-255 crane with a lifting capacity of 25 tons. Stroi. i dor.  
mash. 6 no.2:7 F '61. (MIRA 14:5)  
(Cranes, derricks, etc.)

S/084/60/000/006/006/020  
A104/A029

AUTHOR: Sipitsyn, K., Engineer-Technologist  
TITLE: A Blade Setting Device  
PERIODICAL: Grazhdanskaya Aviatsiya, 1960, No. 6, p. 6

TEXT: The author describes a mobile hydraulic device which simplifies the setting of assembled propeller vanes. The device consists of the following units: a static and a swinging frame, a guiding gear with hydraulic cylinders, a hoisting device and a trolley. The electrometer is fed from the power main. The guiding gear turns 360° around the vane axis; the blade is perpendicular to gear bearing and the stand is then moved until the guiding gear and the blade setting point coincide with each other. The device is operated and controlled by a hydraulic pump, cranes, a valve and a manometer. There is 1 photograph.

Card 1/1

KARAVAYEV, Yuriy Iradionovich; SIPITYI, N.N., otv.red.; RABINKOVA,  
L.K., red.izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KOROVENKOVA,  
Z.A., tekhn.red.

[Construction and operation of pipelines in mining regions]  
Stroitel'stvo i ekspluatatsiia truboprovodov v raionakh  
gornyykh vyrabotok. Moskva, Ugletekhnizdat, 1959. 147 p.  
(MIRA 12:6)

(Pipelines)

SIPITZKY, Andras

History of the Mesehegyes Sugar Factory. Cukor 16 no. ~~8213~~  
245 Ag '63.

SIPITZKY, Andras

History of the Mezohégyes Sugar Factory. Cukor 16 no.9:275-278  
S '63.

KOPECNY, Josef; LUCANSKA, Nadezda; SLPKA, Frantisek; CERNY, Emil; AMBROS,  
Dusan

Vinylfluoride toxicity. Prac. lek.16 no.7:310-311 S '64.

1. Klinika nemoci z povolani (prednosta doc. dr. J. Vyskocil),  
I patologickoanatomicky ustav (prednosta prof. dr. J. Svejda)  
lekarske fakulty University J.E. Purkyne v Brne, Vyzkumny ustav  
makromolekularni chemie v Brne, reditel dr. K. Vesely.

Country : YUGOSLAVIA  
Category : Diseases of Farm Animals. R  
          : Diseases Caused by Bacteria and Fungi.  
Abs. Jour : Ref Zhurn-Biol., No 21, 1953, 96976  
Author : Sipka, L.  
Institut. :  
Title : Candida tropicalis as a Causative Agent of  
          Mastitis in Cows.  
Orig Pub. : Vetrin. glasnik, 1957, 11, No 3, 747-751  
Abstract : In one cow, *C. tropicalis* fungus proved to be  
          the pathogenic agent. The pathogenicity of the  
          isolated strain was proved by introducing a  
          suspension of *C. tropicalis* into the teat duct  
          of the cow's udder. This strain preserved its  
          virulence after being cultivated for 2 years  
          upon a nutrient medium.  
Card: 1/1



Country : YUGOSLAVIA  
Category: Virology. Viruses of Man and Animals.  
Rickettsias.

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103552

Author : Sipka, M.  
Inst :  
Title : Survival of Coxiella burneti in Cheese

Orig Pub: Veterin. glasnik, 1958, 12, No 1, 9-12.

Abstract: Cheese (Serbian) prepared from cow's milk from which rickettsias had previously been isolated was pathogenic for guinea pigs for 42 days. The author suggests pasteurizing the milk coming to the points of delivery for the purpose of disinfecting the cheese.

Card : 1/1

SIPKA, M.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: / not given /

Affiliation: / not given /

Source: Belgrade, Veterinarski glasnik, No 4, 1961, p. 341.

Data: News: "Third Symposium of the International Association of  
Veterinary Food Hygienists."

SIPKA, M.

~~SURNAME~~ (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Prof.

Affiliation: Federal Section for Hygiene and Technology of Food of Animal Origin (Savezna sekcija za higijenu i tehnologiju zivotnih namirnica animalnog porekla)

~~Source:~~

Source:

Belgrade, Veterinarski glasnik, No 5, 1961, pp 438-439.

Data:

News: "Third Symposium of the International Association of Veterinary Food Hygienists in Nice in 1962."

SELEN, M. I.

Grad. Tech. Sci.

Dissertation: "Concerning Calculation of the Dicit for Hydrated Feat Mass."  
Moscow Post Inst, 1 Jul 47.

SO: Vechnaya Koshka, Jul, 1947 (Project #1736)

SIPKIN, M. A.

VELLER, M.A., professor; ABKHAZI, V.I., kandidat tekhnicheskikh nauk;  
ANTONOV, V.Ya., dotsent; VIASOV, V.P., kandidat tekhnicheskikh nauk;  
KIRYUDCHEV, A.M., kandidat tekhnicheskikh nauk; RAPIOVETS, I.L.,  
dotsent; SIPKIN, M.A., dotsent; YEFIMOV, P.N., redaktor; LARIONOV,  
G.Ye., tekhnicheskii redaktor

[Hydro peat technology] Tekhnologiya gidrotorfa. Izd. 2-oe, perer.  
Pod red. M.A.Vellera, Moskva, Gos.energ. izd-vo, 1956. 362 p.  
(Peat industry) (MLRA 9:11)

KOSTANDI, M., arkhitektor; SIPKO, A., arkhitektor

Vilnius. Zhil.stroi. no.7:24-25 Jl '60.  
(Vilnius--Apartment houses)

(MIRA 13:7)

KOSTANDI, M., arkhitektor; SIPKO, A., arkhitektor

Tashkent. Zhil. stroi. no.9:22-24 S '60.  
(Tashkent--Apartment houses)

(MIRA 13:9)

KOSTANDI, M., arkhitektor: SIPKO, A., arkhitektor

Novosibirsk. Zhil. stroi. no.11:24-26 N '60.  
(Novosibirsk--Apartment houses)

(MIRA 13:11)



SIPKO, A.N., inzh.; KHOROSHAVIN, N.I., inzh.

Speeding up the full mechanization of work in the peat industry.  
Torf. prom. 38 no. 3:17-18 '61. (MIRA 14:4)

1. Gosudarstvennyy nauchno-tekhnicheskiy komitet RSFSR (for Sipko).
2. Vserossiyskiy sovet narodnogo khozyaystva (for Khoroshavin).  
(Peat industry)

SIPKO, A. N.

In the State Committee of the Council of Ministers for the  
Coordination of Research Work. *Torf. prom.* 39 no.3:34-35  
'62. (MIRA 15:4)

(Feat) (Research)

SIPKO, A.N., inzh.; RONKIN, A.L., inzh.

Prospects for the development of peat briquette production.  
Torf. prom. 38 no.8:15-18 '61. (MIRA 14:12)

1. Gosudarstvennyy komitet Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot (for Sipko). 2. Gipromestprom (for Ronkin).

(Peat machinery)

SIPKO, I. I.: Master Vet Sci (diss) -- "A-avitaminosis enterocolitis of nursing merino lambs under the conditions of the arid zone of Stavropol". Moscow, 1959. 20 pp (Min Agric USSR, Moscow Vet Acad), 170 copies (KL, No 15, 1959, 118)

TEREKHINA, M.T., prof.; BOBYLEVA, Z.I., dotsent; SIPKO, I.I., dotsent; LYUBIMOV,  
Yu.A., assistant; KOTENKO, N.A., ordinator; ZIBOROVA, V.P., ordinator

Disorder of metabolism in cows and the characteristics of dyspepsia  
in calves. Veterinariia no.12:31-34 D '63. (MIRA 17:2)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

TEREKHINA, M.T., prof.; BOBYLEVA, Z.I., dotsent; SIPKO, I.I.; KOTENKO, N.  
A., assistant; LYUBIMOV, Yu.A., assistant; ZIBOROVA, V.P., ordi-  
nator

Ultraviolet rays in the practice of merino sheep farming. Veteri-  
nariia 40 no.2:49-51 F '63. (MIRA 17:2)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

ANDREYEV, A., inzh.; SIPKO, L., arkhitektor

Apartment houses in the villages of the Far East. <sup>711</sup>  
stroj. no.6:31-32 Je 'C (14:7)  
(Soviet Far East--Apartment houses)

DRGONEC, J.; SIPKOVA, G.; BLAZOVSKY, J.; SIJAKOVA, H.; BURIANOVA, B.

Experience with establishing food allergy in children with atopic neurodermatitis. *Cesk. dermat.* 37 no.4:245-250 Ag '62.

1. Kozne oddelenie Detskej fakultnej nemocnice v Bratislave,  
veduci doc. dr. A. Rehak.  
(ECZEMA in inf & child) (NEURODERMATITIS in inf & child)  
(INFANT NUTRITION DISORDERS)



LIJHANOVA, Z.; SIPKOVA, J.

On some indices of natural resistance of the organism.  
Cesk. hyg. 10 no.7:404-412 Ag '65.

1. Ustav hygieny, Praha.

SIPKOVA, JAROSLAVA  
LUHANOVA, Zdenka, Dr.; SIPKOVA, Jaroslava

Clarification of the origin of so-called *Sergentella spireides*.  
Cesk. epidem. mikrob. immn. 6 no.5:351-352 Sept 57.

1. Ustav hygieny v Praze, red doc. Dr K. Symon.  
(PROTOZOA.  
*Sergentella spireides* (Gz))

SIPKOVICS, Laszlo, dr.

"Castration method of rams by leaving their epididymis  
and testicles untouched" by A.A. Bajburtcjan. Reviewed  
by Laszlo Sipkovics. Magy allatorv lap 17 no:7:280  
Jl '62.

BERDYSHEV, G.D.; SIPLIVINSKIY, V.N.; SHALINA, L.V., red.; LOKSHINA,  
O.A., tekhn. red.

[First Siberian professor of botany Korzhinskii; on the 100th  
anniversary of his birth] Pervyi sibirskii professor botaniki  
Korzhinskii; k 100-letiiu so dnia rozhdeniia. Novosibirsk,  
Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 86 p. (MIRA 15:7)  
(Korzhinskii, Sergei Ivanovich, 1861-1900)

BERDYSHEV, G.D.; SIFLIVINSKIY, V.N.; SHALINA, L.V., red.

[V.V.Sapozhnikov, prominent Siberian scholar and traveler]  
Vydaiushchiisia Sibirskii uchenyi i puteshestvennik V.V.  
Sapozhnikov. Novosibirsk, Red.-izdatel'skii otdel Sibir-  
skogo otd-niia AN SSSR, 1964. 133 p. (MIRA 17:8)

SIPOLIN

KAULINA,Z.; SIPOLA,V.; DIRIKIS,M.

Elements of orbits and ephemerids of minor planets. Astron.tsit.  
no.156:3-5 Ja'55. (MIRA 8:10)

1. Riazskoye otdeleniye VAGO  
(Planets, Minor)

SIPOS, A.

Observations on the architectural conference held in Tatabanya. p. 10.  
(Ujitok Lapja, Vol. 9, No. 6, Apr 1957, Budapest, Hungary)

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

SIPOS, Aladarne, dr.

Short history of the Society for Popularization of Scientific  
Knowledge Library. Term kud kozl 7 no.12:575-576 D '63.



CEPEL, J., doc. inz.; KUNIAK, M., inz.; SIPOS, A., inz.

Graphic and mathematical method of determining the form of a  
concave helical surface. Strojirenstvi 14 no.4:280-286 Ap '64

1. Higher School of Technology, Kosice (for Cepel and Kuniak)
2. KFU, Kosice (for Sipos).



Sipos, A.

HUNG.

97. Automatic apparatus for measuring and sampling thick juice — A. Sipos, E. Pichler. (*Cukoripari Kutató-intézet Közleményei* — Vol. 1, 1954, No. 2, pp. 99—102, 3 figs., 1 tab.)

With this apparatus it is possible to determine the quantity of sugar passing off with the thick juice within an accuracy of 0.1% referred to beets. On account of the fluctuating specific gravity and the frothing of the sugar juices only such apparatuses which measure weight can be used. The described apparatus measures the weight of the thick juice discharged from the evaporating station. It consists of two cylindrical containers which are filled and emptied alternately. The filling and emptying openings are opened and closed by slide valves at the bottom. The latter are suspended from the ends of a pivoted lever held in the appropriate position by electromagnet-operated catches. The valve rods are traversed by the pressure of the juice acting on the slide valves. The electromagnets are actuated by mercury switches which make contact as soon as the juice column attains the proper pressure and trip the corresponding catch. The thick juice sampler is mounted on the measuring apparatus. A slide valve also actuated by the above mentioned lever meters a small volume (15—20 ml) of the thick juice into a pipe and allows it to drain into a receiver. The apparatus is suitable for measuring any kind of liquid, e.g. thick juice in sugar factories, tomato juice in canneries, etc.

Sipos A.

✓ 96. Continuous automatic sampling of beet pulp —  
A. Sipos, K. Vukov. (*Cukoripari Kutatóintézet  
Közleményei* — Vol. 2, 1955, No. 1, pp. 18—21, 1 fig.,  
2 tabs.)

MD The improved sampling apparatus employed at  
the *Kaposvár* sugar factory consists of a slowly rotating  
cell-wheel feeder and a connected dewatering worm. The  
apparatus has proved itself in practice, losses which  
have so far been difficult to determine can also be estab-  
lished by it.

①

SIRCS, A.; CEPCL, J.

Checking the accuracy of geometric form of gears derived from equidistant cycloids.  
p. 619

STAN: P. STYH (Ministerstvo tezkého strojírenství, Ministerstvo všeobecného  
strojírenství) Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959

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

Encl.

Antal Sipos, 1893-1958, obituary. Cukor II no.8:197

Ag'58

CEPEL, J.; SIPOS, A.

Mathematical relations of concave helicoidal surfaces, methods of their measurement. Sbor VST Kosice 1:67-75 '64.

1. Chair of Machine Parts of the Higher School of Technology, Kosice (for Cepel). 2. Regional Institute of Projects, Kosice (for Sipos). Submitted March 25, 1963.

SIPOS, B.

New technical method for utilization of soft rubber and acrylates in  
prosthetics; restoration of jaws and nose defects. Fogorv. szemle 44  
no.9:283-284 Sept 51. (CLML 21:1)

1. Master dental mechanic.



SIPOS, Barna

And two more news items. Radiotechnika 13 no.5:2 of cover My '63.

l. m.rad.klub.vosto.

SIPOS, Bela

"Characteristic flood levels of embanked rivers in Hungary  
and some other results in flood research" by Zoltan Karolyi.  
Reviewed by Bela Sipos. Hidrologiai kozlony 38 no.3:228 Je'58.

SIPCS, Bela, okleveles mernok

Flood on the Marcal and Raba rivers. Vizugyi kozl no.3:326-  
332 '63.

1. Orszagos Vizugyi Foigazgatosag arvizvedelmi csoportjanak  
vezetoje.

RUMANIA/Cultivated Plants - Commercial. Oil-Bearing.  
Sugar-Bearing.

M-5

Abs Jour : Ref Zhur -Biol., No 7, 1958, 299<sup>4</sup>1  
Author : Sipos, Ch.  
Inst : -  
Title : The Density of Sugar Beet Placement.  
Orig Pub : Probl. agric. 1957, 9, No 3, 26-30 (Rumanian; res. Russ.,  
Fr.)  
Abstract : Tests made at the Experimental Agricultural Station in  
Lovrin with the 532 Lovrin variety have shown that with  
50 cm space between the rows, the distance between the  
pockets in the rows set at 20 cm. with two plants left  
in each bunch, there was the largest productivity and  
sugar gain in the roots (22-31 t. per ha. and 17.45-  
-20.39%).

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SIPOS, D.

SIFOS, D. Two-grade ultra short-wave transmitter for the 144 MHz. p. 159.  
Remarks on the new audion circuit. p. 160.

Vol. 6, No. 7, July 1956.

RADIOTECHNIKA  
TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

HETENYI, Laszlo; SIPOS, D.

Model-controlling receiver with one channel. Radiotechnika  
10 no.7:199-201 JI '60.

1. "Radiotechnika" rovatvezetoje.

SIPOS, E.

On the rational utilization of train personnel. p. 575.

REVISTA CAILOR FERATE. (Caille Ferate Romine) Bucuresti, Rumania.  
Vol. 6, no. 11, Nov. 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

SIPOS, Florica, Lecturer, of the IFCD (unidentified), Bucharest.

"The Correlation of the Natural Sciences and the Study of Domestic Animal Breeding in Teaching."

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550820004-6"

Bucharest, Natura. Seria Biologie, Vol 15, No 9, pp 67-72.

Abstract: A compendium of instructions and suggestions for instructors in the schools of general education that teach about the raising of domestic animals. Outlines the techniques to be followed in instructing the students on hygienic measures, proper feeding, breeding, etc. Details the specific aspects of the subject on which the teacher must be prepared to answer questions raised by the students and should be especially well-prepared.

CA

7

A new method for the determination of sulfamides. A. Jindra and P. Sigol (Charles Univ., Prague). *Chem. Listy* 44, 235-2 (1950). Sulfanilamides are hydrolyzed to sulfanilic acid (I) and an amine. The hydrolysis is carried out with N HCl in sealed tubes at 100-20° and the product chromatographed on Amberlite IR-100. The sulfanilic acid is washed out with N HCl and titrated potentiometrically with KOH with Sb and calomel electrodes. M. Hudlický



JINDRA, A; SIPOS, F.

Investigation on hydrolysis of certain sulfonamides. Cas.cesk.lek.  
Ved.priloha 63 no.9-12:211-213 Dec 1950. (CLML 20:9)

1. Of the Institute of Pharmaceutical Chemistry of Charles  
University.

SIPOS, F.

"Progress in organic synthesis. VIII. Oxidation by trifluoroacetic acid."  
p. 499 (Chemie, Vol. 10, no. 6, June 1958, Praha, Czechoslovakia)

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

SICHER, J.; SIPOS, F.; JONAS, J.

Stereochemical studies. XVIII. Synthesis and dissociation constants  
of cis- and transcycloheptane 1,2-dicarboxylic acids. Coll Cz chem 26  
no.1:262-275 Ja '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak  
Academy of Science, Prague.

(Stereochemistry) (Cycloheptanedicarboxylic acid)  
(Cyclooctanedicarboxylic acid.)

SICHER, J.; SIPOS, P.; TICHY, M.

Stereochemical studies. XIX. Conformational studies on the 2-amino-4-t-butylcyclohexanols; synthesis of the four stereoisomers. Coll  
Cz Chem 26 no.3:847-866 Mr '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Aminobutylcyclohexanol)

S/081/62/000/021/010/069  
B156/B101

AUTHORS: Sichter, J., Tichý, M., Šipos, F., Panková, M.

TITLE: Stereochemical research. XX. Conformational study of 2-amino-4-tert-butyl-cyclohexanols; an attempt at quantitative conformational analysis of the part played by adjacent groups and by solvolysis in 1:2 - difunctional derivatives of cyclohexane

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 116, abstract 242619 [Collect. Czechoslov. Chem. Commun., v. 26, no. 9, 1961, 2416 - 2434 (English summary in Russ.)]

TEXT: The article describes the transformation of the methane sulfonyles of cis- and trans-2-benzamido cyclohexanols (cis- and trans-I), trans-2-benzamido-cis-4-tert-butyl-cyclohexanol ( $O^A, N^A$ ) (II), trans-2-benzamido-trans-4-tert-butyl-cyclohexanol ( $O^A, N^B$ ) (III), cis-2-benzamido-cis-4-tert-butyl-cyclohexanol ( $O^A, N^B$ ) (IV), and cis-2-benzamido-trans-4-tert-butyl-cyclohexanol ( $O^A, N^A$ ) (V) which takes place in absolute alcohol in

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Stereochemical research...

S/061/62/000/021/010/069  
B156/B191

the presence of  $\text{AcOH}$ . In the case of trans-I, II and III a  $\text{C}_2^+$ -oxazolium ion forms by intramolecular  $\text{S}_{\text{N}}2$  mechanism, which requires that the  $\text{C}_2\text{H}_5\text{CONH}$ - and  $\text{MeSO}$ -groups are located trans-axially. This condition is satisfied in II, and the rate of transformation is thus high ( $k$  is  $6280 \cdot 10^{-6} \text{ sec}^{-1}$  at  $60^\circ\text{C}$ ); the condition can also be fulfilled for the chair form in the mobile trans-I system ( $k$  is  $252 \cdot 10^{-6} \text{ sec}^{-1}$  at  $60^\circ\text{C}$ ); it can, however, hardly be achieved for the chairform conformation of III, since the tert- $\text{C}_2\text{H}_5$ -group must also occupy the A-position, while III reacts at a considerable speed ( $k$  is  $76.2 \cdot 10^{-6} \text{ sec}^{-1}$  at  $60^\circ\text{C}$ ). Obviously the reaction takes the "twist" form, in which the trans-A-position is achieved with the least possible stresses by comparison with other conformations. The possibility of a carbonium ion forming, followed by closing of the ring, is rejected on the basis of the following arguments: 1) the fact that no oxazolium is formed in the case of cis-I, IV or V (with these compounds ethanolysis takes place and unsaturated and ethoxy products are formed), these being other cases in which a carbonium ion might form,

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S/081/62/000/021/010/069  
B156/B101

Stereochemical research...

2) the fact that there is a greater difference in reaction rates between III and cis-I, and between IV and V ( $k \cdot 10^{-6} \text{ sec}^{-1}$ : cis-I, 0.687; IV, 0.692; V, 2.95 at 60°C) than between III and II or trans-I, 3) the ratio of the reaction rates for I, II and III to the reaction rates for the corresponding N-p-nitro-benzoyl derivatives is 4, while the analogous relationship for cis-I is 1.4. This confirms that the same reaction mechanism is common to trans-I, II and III. The authors consider the fact that ethanolysis takes place faster in the case of V ( $O^B$ ) than in the case of IV ( $O^A$ ) is due to the steric stress being less reduced during the formation of the carbonium ion in the case of IV than in that of V; this is because in the case of IV the bulky  $E-C_6H_5CONH$ -group becomes close to H-trigonal C, while in the case of V it departs further from this form (by analogy with 2-halocyclohexanones the angles between the C-H bond and the E-C-N bonds and A-C-N bonds are taken as being 15 and 105° respectively). Analysis of the reaction rate data shows that in the case of trans-I the form of the reaction is partially "twist" form, while the ratio between the amounts of I reacting in chair form and twist form is:

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$k_{III}^0/k_{II}^0 = 0.5 (k_{III}^0 - k_{II}^0) / (k_{III}^0 - k_{II}^0)$ . The details of reaction rates were also used for calculating the conformational equilibrium state for trans-I:

$$K_{EE}^{AA} = k_{EE}^0/k_{AA}^0 = k_{II}^0 - k_{III}^0/k_{II}^0 - k_{I}^0 = 0.0292;$$

It is assumed that II and III are conformationally homogeneous. There is no doubt about the conformational homogeneity of III, and that of II is confirmed by the fact that the infra-red spectra show the conformation of N-methyl-amino-tert-butyl-cyclohexanol to be exclusively diaxial chair-form, while as regards steric properties the  $C_6H_5CO$ -group and  $CH_3$ -group are almost the same. This value of K corresponds to 97% of the diequatorial chair conformation for trans-I. Since cis-I and V have almost equal rates of ethanolysis, in alcohol solutions at 60°C cis-I is present in conformation with the  $E-C_6H_5CONH$ -group. The motive force of the  $C_6H_5CONH$ -group in the acceleration of the formation of the oxazolinium ion in the case of II is gauged by comparing  $k_{III}^0$  and  $k_{IV}^0$  to 5.5 kcal; evidently,

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however, as ethanolysis of the tosylate of 4-tert-butyl-2-methyl-cyclohexanol and certain preliminary considerations show, it has a higher value. To 0.01 moles of the corresponding benzamido-4-tert-butylcyclohexanol dissolved in 15 ml dry pyridine 0.02 mole of freshly distilled methane sulfonylchloride is added at  $-10^{\circ}\text{C}$ ; the whole is held at  $0^{\circ}\text{C}$  for 6 - 12 hr and diluted with water. The crystals are filtered off, and washed in water and petroleum ether. The percentage yields and melting points, in  $^{\circ}\text{C}$ , of the substances obtained are: II 78, 93 - 94; IV 78, 126.5 - 127 (from ethyl acetate); V 83, 133 - 134 (from ethyl acetate); for the production of III, see report XIX, RZhKhim, 1962, abstract 12Zh7, melting point 140 - 141 $^{\circ}\text{C}$ . 0.0037 moles of IV dissolved in 100 ml absolute alcohol is heated with 0.0051 mole of  $\text{KOCOCH}_3$  for 70 hrs at  $95^{\circ}\text{C}$ ; the  $\text{KOSO}_2\text{CH}_3$  is filtered off and washed with alcohol, the filtrate evaporated in vacu $\text{\u00f0}$ , and the residue shaken up with ether and an aqueous  $\text{Na}_2\text{CO}_3$  solution; the ether extracts are washed in water and dried. Of the oil separated, 1.05 g is analyzed chromatographically on neutral  $\text{Al}_2\text{O}_3$ . 20 and 50 %, respectively, of 2-benzamido- and 6-benzamido-4-tert-butyl-cyclohexene-1 (VI and VII), 30 % of 2-benzamido-4-tert-butyl-ethoxy cyclohexane

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(VIII) and traces of 2-benzamide-2-ethyl-butyl-cyclohexanol acetate (IX).  
are washed out with  $C_6H_6$  and ether. The ethanolysis of V is carried out  
under the same conditions, but the heating continues for 23 hrs; the oil  
separated amounts to 1.15 g, and separation on neutral  $Al_2O_3$  has shown  
that it consists of 25 % VI, 10 % VII, 60 % VIII, and 5 % IX. [Abstracter's  
note: Complete translation.]

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10

1. [Illegible text]

2. [Illegible text]

3. [Illegible text]

4. [Illegible text]

5. [Illegible text]

6. [Illegible text]

7. [Illegible text]

8. [Illegible text]

9. [Illegible text]

10. [Illegible text]



SIP05, F

SICHER, J.; TICHY, M.; SIPOS, F.; SVOBODA, M.; JONAS, J.

Stereochemical studies. Pt. 28. Coll Cz chem 29 no.7:1561-1576  
Jl '64.

1. Institut of Organic Chemistry and Biochemistry, Czechoslovak  
Akademy of Sciences, Prague.

CZECHOSLOVAKIA

SICHER, J; TICHY, K; SIPOS, F

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 5, May 1966, pp 2238-2256

"Stereochemical studies. Part 37: Dissociation constants  
of some 2-methylcyclohexanecarboxylic acids. Conformational  
equilibria and the preferred rotational conformations of  
the carboxyl group on the cyclohexane ring."

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SIPOS, F  
TICHY, H; SIPOS, F; SICHAR, J

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications,  
No 7, July 1966, pp 2689-2696

"Stereochemical studies. Part 38: Conformational energies  
for the axial-equatorial change in different cyclohexyl  
systems."

Albino, Gh., canidat in chimie aplicata

optimum density of plants. J. Agr. Sci. Camb. 3, 14-15. Mar '62

1. Mervin's extract station.

SIPOS, Gabor, dr., atnszekvezeto egyetemi tanar (Magyarorvar)

Up-to-date parceling on collective farms. Elet tud 16 no.17:523-526  
23 Ap '61.



SIPOS, Gabor, a mezogazdasagi tudomanyok kandidatusa, egyetemi tanar

"Directives for agriculture" by Erno Kemenesy. Reviewed by  
Gabor Sipos. Magy tud 69 no.10:671-672 0 '67.

1. Agrartudomanyi Foiskola, Mosonmagyarovar.

SIFCS, G.

Problems of weed destruction in agriculture; also, remarks by P. Klinger and others.  
p. 239.

KOZLEMENYEI, Budapest. Vol 8, no. 1/2, 1955.

SOURCE: EEAL Vol 5, no1 7, July 1956

RUMANIA/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29732

Author : Siposh, G.

Inst : -

Title : Corn Planting Times and Density on the Banat Plain.

Orig Pub : Probl. agric., 1957, 9, No 4, 79-88 (rum.).

Abstract : No abstract.

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- 49 -

SIPOS, Gh.

Influence of planting density and the distance between the lines on the production of sunflower in the Station of Lovrin, region of Banat. Studii agr Timisoara 8 no.3/4:179-186 J1-D '61.

SIPOS, Gh.

Influence of cutting the shoots on the production of  
some corn hybrids at different densities. Studii agr  
Timisoara 10 no. 2: 277-280 J1-D '63.

Sipos, G.

Sipos, G. Some results of research in Hungary. p. 307 Vol. 3, no. 6,  
VESTNIK Praha, CZECHOSLOVAKIA

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

SIPON, G., MOKO, J.

About some reactions of 4'-nitro-2'-hydroxy-chalcone. Acta  
phys chem Szeged 10 no.1/2:57-58 '64.

1. Institute of Applied Chemistry of Attila Jozsef University,  
Szeged.

L 32725-56 WWP(1) 0.411

ACC NR: AT6028248

SOURCE CODE: HU/2502/65/046/001/0063/0075

AUTHOR: Sohar, Pal--Shokhar, P. (Doctor; Budapest); Sipos, G.--Shiposh, D. (Doctor; Szeged)

50  
B+1

ORG: Research Institute for Pharmaceutical Chemistry, Budapest; Technological Institute, A. Jozsef University, Szeged

TITLE: Effect of hydrogen bonds on the electronic displacements in some nitro- and hydroxy derivatives of acetophenone

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 46, no. 1, 1965, 63-75

TOPIC TAGS: hydrogen bonding, molecular structure, dipole moment, IR spectrometer/  
UR-10 IR spectrometer

ABSTRACT: Derivatives of phenacyl bromide with one nitro group and one hydroxyl group in various positions on the aromatic ring were investigated by means of a UR-10 type infrared spectrometer with respect to the structure of the hydrogen bonds present in the various molecules. The characteristics of the spectrum bands allow conclusions to be drawn with respect to the electronic structure of the molecules, and even concerning changes of dipole moment in some bonds. In the case of one substance the spatial position of the C=O group could also be determined. Orig. art. has: 10 figures and 1 table. [Orig. art. in Eng.]  
[JPRS: 33,906]

SUB CODE: 07 / SUBM DATE: 04Dec64 / ORIG REF: 007 / OTH REF: 013

Card 1/1 pb

0917 1833



Sipos, G.Y.

HUNG.

The role of hydrochloric acid in the Fries reaction. II.  
A. Gerecs, M. Windholz, and Gy. Sipos (Univ. Szeged).  
*Acta Chim. Acad. Sci. Hung.* 4: 423-430 (in German);  
cf. *C.A.* 49, 2301b. The mechanism of the Fries migration  
is studied by use of thymol acetate as the model and the  
yield as the basis of conclusions.  $\text{NH}_3$ , pyridine, pyridine,  
 $\text{HCl}$ , and  $\text{NaCl}$  all cause a marked decrease in yield, when  
added to  $\text{AlCl}_3$ -thymol acetate complex in  $\text{PhNO}_2$  (5 hrs.  
at  $40^\circ$ ). It is postulated that the bases act to remove the  
 $\text{HCl}$  present, or formed in the reaction, and that this action  
causes a lowering of the yield, and hence, that  $\text{HCl}$  plays an  
active role in the reaction. J. R. Schwartz.

MS

SIPOS, Gyorgy, dr.

Observations during the therapy of childhood typhoid fever.  
Orv. hetil. 97 no.37:1024-1026 9 Sep 56.

1. A Szolnok megyei Tanacs Korhaza (igazgato: Levay, Karoly, dr.)  
Gyermekfertozo Osztalynak (foorvos: Kramer, Dezso, dr.) kozlemenye.  
(TYPHOID FEVER, in inf. & child  
chloramphenicol ther. & symptomatol. (Hun))  
(CHLORAMPHENICOL, ther. use  
typhoid fever in inf. & child (Hun))

*SIPOS, Gyorgy, Dr.*  
SIPOS, Gyorgy, Dr.

Problems and significance of infantile atrophy in Szolnok county.  
Nepeszszegegy 38 no.6:140-150 June 57.

1. Kozlemany a Szolnok megyei tanacs korhaza (igazgato: Levay Karoly dr.) csecemo es gyermekosztalyarol (foorvos: Kramer Dezso dr.)  
(INFANT NUTRITION DISORDERS, statist.  
atrophy in Hungary (Hun))

SIPOS, Gy

New nitrochalcones. III. Gy. Sipos and T. Széll (Univ. Szeged, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem.* 5, 70-2 (1959) (in German); cf. *C.A.* 52, 9048g; 53, 8088g, 21913a.—New chalcones were prepd. by condensing nitrohydroxyacetophenones with substituted aromatic aldehydes by dil. alkali as well as  $AlCl_3$ . The ketone (3 mmoles) was dissolved in 30 cc. *N* NaOH, combined with an equiv. of aldehyde in 6 cc. EtOH, the mixt. heated on a steam bath 2 hrs., the soln. acidified, or the chalcone Na deriv., if pptd., filtered off and converted into chalcone with 2*N*  $H_2SO_4$  (method a). The ketone (3 mmoles) was intimately mixed with 6 mmoles  $AlCl_3$  and heated an hr. at 145°, cooled, decompd. with ice-acid mixt., filtered off after one day, washed with  $H_2O$  and EtOH, dried at 20°, and recrystd. from EtOH-EtOAc (method b). 4,3- $HO(O_2N)C_6H_3Ac$  (I), 2,4- $HO(O_2N)C_6H_3Ac$  (II), 2,5- $HO(O_2N)C_6H_3Ac$  (III), 4- $ClC_6H_4CHO$  (IV), and 4- $HO_2C_6H_4CHO$  (V) were used. I gave with IV yellow needles (a) or bluish green needles (b), both m. 183-4°. II and III were condensed with IV to yellowish chalcones, m. 192-3° (a), and 216-17° (b), resp. I yielded with V brownish yellow chalcone, m. 214-16° (a). T. Széll

1-808 (NB)

gt

SIFCS, GY.; MATKOVICS, B.

"The effect of Ergosterin upon the RP and the extract content of the Penicillium chrysogenum Q. 176." p. 161.

BIOLOGIAI KÖZLEMÉNYEK. (Magyar Biológiai Társaság. Általános Biológiai Szakosztály). Budapest, Hungary, Vol. 6, No. 2, 1959.

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

MATKOVICS, Bela; SIPOS, Gyorgy

The effect of ergosterol on the RP and the dry substance content  
of *Penicillium chrysogenum* Q 176. Biol kozl 6 no.2:161-163  
'59.

1. Szegedi Tudományegyetem Szerves Kémiai Intézete.

\*

SIPOS, Gyula

The puzzle contest of "Radiotechnika." Radiotechnika 12  
no.11:381 N '62.

SIPOS, I.

Modification of Landolt's optotype with a marked restriction  
of the contrast key. Cesk. oftal. 20 no.1:57-58 Ja'64.

1. Ustav experimentalnej psychologie SAV v Bratislave.

\*



Sipos, I.

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

Abs Jour: Ref Zhur-Khimiya, No. 9, 1959, 33021.

Author : Sipos, I., Frindt, L., Toth, F.  
Inst : Not given.

Title : Sucroscope - A New Optical Measuring Instrument for the Sugar Industry.

Orig Pub: Cukeripar, 1958, 11, No 2, 53-55.

Abstract: A new optical measuring instrument of the firm "Putsh" is described. On a semitransparent screen of the instrument, there is projected a magnified (30 times) image of a substance evaporating in a vacuum apparatus at a distance of

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

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33021.

Abstract: about 140 mm. from the instrument. The instrument makes it possible to follow the process of the formation of sugar crystals, and accurately determines the end of evaporation. -- G. Yudkovich.

Card 2/2

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

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

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

Inst : Not given.

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

Orig Pub: Cukoripar, 1959, 11, No 5, 128-130.

Abstract: No abstract.

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REV, Tiborne; MOCSARI, Erika; ZSADANYI, Ede; SIPÓS, Imre

Cultural notes. Munka 9 no.1:26-27 Ja '59.

1. Szakszervezetek Országos Tanácsa kulturális osztályának munkatársa (for Rev).
2. "Nepszava" munkatársa (for Mocsari).
3. Sajtódokumentációs Központ munkatársa (for Zsadyi).
4. Közlekedési Dolgozók Szakszervezetének osztályvezetője (for Sipos).

SIPOS, Imre, vegyesztechnikus; FRINDT, Lajos, vegyesztechnikus; TOTH,  
Ferenc, cukorfozo.

"SUCROSCOP", the new optical instrument of the sugar industry.  
Cukor 11 no.2:33-35 F\*58

1. Hatvani Cukorgyar.

SIPOS, Imre, vegyesz; FRINDT, Lajos, vegyesz

Experiences in connection with the experimental "J"-diffusion.  
Cukor 11 no.5:128-129 My'58

1. Hatvani Cukorgyár.

SIPOS, Imre

Use of trade union publications. Munka 11 no.7:19 JI '61.

1. Kozlekedesi Szakszervezet kulturális osztályának vezetője.

(Hungary—Trade unions)

7  
REF ID: A6

HEGNYI, Eva, Dr. S.P.S., M.D., Dr. Budapest III. District Specialist  
Consulting Service, Department of Ophthalmology (Budapest, III. Ker.  
Szentgyörgyi Albert utca, Szemészeti Központ).

"Dependence with Endemic Kerato-Conjunctivitis."

Budapest, Orvosi Hetilap, Vol 104, No 8, 24 Feb 1963, pages 9-9-955.

Abstract: [Authors' Hungarian summary modified] The authors report the  
results of their study on the latest wave of the 1961 epidemic of kerato-  
conjunctivitis. Of 195 cases, 82 per cent showed keratitis, 3 per cent  
iritis and 1 per cent optic nerve neuritis or retrobulbar neuritis with  
marked decrease of vision. Because of the varied symptoms and effect on  
the nervous system, it is suggested that the causative factor was not  
always the same strain of the same virus. Some of the clinical changes  
particularly reticular herpes processes. Treatment was most successful  
with erythromycin, chloramphenicol and vitamin B1, B2 and C.  
J. Hungarian, 1963, for references.

BENKO, Eva, dr.; SIPOS, Irma, dr.

Experiences in epidemic keratoconjunctivitis. Orv. hetil. 104 no.8:  
349-352 24 F '63.

1. Budapest, III. ker. Szakorvosi Rendelintezet, Szemeszeti Osztaly.  
(KERATOCONJUNCTIVITIS) (CHLORAMPHENICOL) (OXYTETRACYCLINE)  
(THIAMINE) (RIBOFLAVIN) (ASCORBIC ACID)



SIPOS, ISTVAN

SIPOS, Istvan, dr.

Experiences with polyamide net alloplasty. Magy. sebeszet 9 no.  
4:228-230 Aug 56.

1. A Fovarosí Arpad Korház (Igazgató: Lorand, Sandor, dr., az  
orvostudományok kandidátusa) sebeszeti osztályának (Főorvos:  
Gyórfy, Ferenc, dr.). közleménye.

(HERNIA, surg.

alloplasty with Hungarian made polyamide sponge (Hun))

(PLASTICS

polyamide sponge, Hungarian made sponge in alloplasty  
of hernias (Hun))

15 / 100-3 / EXCERPTA MEDICA Sec.9 Vol.11/10 Surgery Oct 57

4971. (980) SIPOS I. Chir. Abt., Hauptstädt. 'Arpád'-Krankenh., Budapest.

\*Luxationsfraktur des anatomischen Oberarmhalses durch Strom. Dislocation fracture of the anatomical neck of the humerus due to electric current ZBL.CHIR. 1956, 81/44 (2304-2309) Illus. 6

Among the highly different results of the action of an electric current, there is a personal case of dislocation fracture of the anatomical neck of the humerus which is a rare complication. The special pathological cause left the diagnosis, which can only be established with combined X-ray examination, obscure, and an erroneous diagnosis was made. The conclusion is reached that in the present case the fracture mechanism is similar to that of fractures of the elbow due to fall, but the force did not originate from direct violence but from flexion.

SIPOS, Istvan, dr.

Plastics in medicine. Orv. hetil. 97 no.26:702-707 24 June 56.

1. A Fovarosí Arpad Korház (igazgató: Lorand, Sandor dr., az orvostudományok kandidátusa) Sebészeti Osztályának (főorvos: Gyóffy, Ferenc dr.) közleménye.

(PLASTICS

med. applications. (Hun))

SIPOS, Istvan, dr.

Anatomical fracture of humerus neck with dislocation of shoulder caused by electric shock. Orv. hetil. 97 no.35:974-976 26 Aug 56.

1. Fovarosí Arpad Korház (igazgató: Lorand, Sándor, dr., az orvostudományok kandidátusa) Sebészeti Osztályának (főorvos: Gyorffy, Ferenc, dr.) közleménye.

(HUMERUS, fract.)

neck, with disloc. of shoulder, caused by electric shock (Hun))

(SHOULDER, disloc.)

caused by electric shock, with fract. of humerus neck (Hun))

(ELECTRICITY, inj. eff.)

fract. of humerus neck & disloc. of shoulder (Hun))