L 10812-63
ACCESSION NR: AP3003403

0

increasing atomic number Z of the elements. Theoretically calculated f-values differed by less than 30% from the experimental values, but were independent of Z. The ratios of the line strengths of the resonance doublet components were found to be close to the theoretical value. 2. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 13Nov62 DATE ACQ: 30Jul63 ENCL: 00

SUB CODE: 00 NO REF SOV: 005 OTHER: 005

lm/ws

Card 2/2

L 17152-63 EWP(q)/EWT(m)/BDS AFFTC JD

ACCESSION NR: AP3005835 S/0051/63/015/002/0154/0165

AUTHOR: Penkin, N. P.; Slavenas, I. Yu. Yu. 55

TITLE: Oscillator strengths of spectral lines of tin and lead atoms 27 27

SOURCE: Optika i spektroskopiya, v. 15, no. 2, 1963, 154-165

TOPIC TAGS: f value, oscillator strength, relative f value, absolute oscillator strength, hook method, Rozhdestvenskiy method, anomalous dispersion method, lead atom f value, tin atom f value, anomalous dispersion, lead iodide, tin iodide, absolute f value, relative oscillator strength 27

ABSTRACT: Absolute oscillator strengths were measured by the anomalous dispersion method for the resonance lines of SnI (f_{2863} = 0.230 ± 0.005) and PbI (f_{2833} = 0.212 ± 0.003). Relative f-values due to $p^4 - ps$ and $p^2 - pd$ transitions were also obtained for 29 lines of SnI and 17 lines of PbI. The relative f-values were converted to absolute values using Nesmeyanov's formulas for vapor pressures of Sn and Pb at saturation. It was found that the highest f-values are due to $p^2 - pd$ transitions. The relative line strengths for

Card 1/2

L 17152-63
ACCESSION NR: AP3005835

the p^2 - ps transition array in PbI and SnI determined by the authors from the experimental f-values were compared with available theoretical data. It was found that the experimental line strengths for SnI are in good agreement with the theoretical values calculated in jj coupling. In the case of PbI the experimental line strengths differ considerably from theoretical values for both jj and LS coupling. A considerable deviation from the sum rules for lead indicates the presence of configurational interaction between lead atoms. Orig. art. has: 7 figures, 5 tables, and 4 formulas.

ASSOCIATION: none

SUBMITTED: 13Nov62 DATE ACQ: 06Sep63 ENCL: 00

SUB CODE: PH NO REF SOV: 008 OTHER: 009

Card 2/2

ACCESSION NR: AP4020950 S/0051/64/016/003/0390/0393

AUTHOR: Slavenas, I. -Yu. Yu.

TITLE: Oscillator strengths of the spectral lines of SiI and GeI

SOURCE: Optika i spektroskopiya, v. 16, no. 3, 1964, 390-393

TOPIC TAGS: oscillator strength, f number, spectral line intensity, line strength, silicon(I), germanium(I), atomic transition, silicon, germanium

ABSTRACT: The present work is a continuation of an earlier study (N. P. Penkin and I. -Yu. Yu. Slavenas, Opt. i spektro., 15,9,1963) devoted to measurement of the oscillator strengths of the spectral lines of Group IV elements. The experimental procedure, based on the Rozhdestvenskiy "hooks" method, was described in the paper cited. In the article at hand determination is made of the relative oscillator strengths of Si I and Ge I lines associated with $p^2 \rightarrow ps$ transitions. The results are tabulated. The line strengths, evaluated on the assumptions of LS and jj coupling, are compared with the values calculated theoretically by M. Z. Khokhlov (Izv.Kry*mskoy astrofiz.observ.,26,52,1961) on the assumption of intermediate coupling. For the most part the agreement is good. The fulfillment of the J-group sum rules indicates that

Card 1/2

ACC. NR: AP4020950

configuration mixing in general is negligible. Agreement of the experimental and theoretical data indicates that predominantly LS coupling is realized in the silicon atom; however, in the case of the $4p^2$ and 4p5s configurations in germanium systematic deviation from LS coupling is evinced. "In conclusion, the author expresses his deep gratitude to N. P. Penkin for attentive guidance in the work." Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: none

SUBMITTED: 14May63 DATE ACQ: 02Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 004 OTHER: 004

Card 2/2

L 26713-66 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6011561 SOURCE CODE: UR/0051/66/020/003/0485/0487

AUTHOR: Slavenas, I.-Yu. Yu.

ORG: none

TITLE: Oscillator strength of certain lines of CuI and AgI

SOURCE: Optika i spektroskopiya, v. 20, no. 3, 1966, 485-487

TOPIC TAGS: iodide, copper compound, silver compound, oscillator strength, uv spectrum

ABSTRACT: The oscillator strengths were measured by the Rozhdestvenskiy hook method using a large interferometer setup described elsewhere (Opt. i spektr. v. 15, 155, 1963), and modified to operate in the ultraviolet region of the spectrum. The measured oscillator strengths and the transitions corresponding to them tabulated. In the case of silver, the measurement is a continuation of earlier work by the author (Opt. i Spektr. v. 15, 9, 1963). In both cases, the strengths were expressed in absolute form by using known observed values of the oscillator strength for the short-wave component of the resonant doublet of the corresponding metal. In the case of silver, the agreement between the experimental and theoretical data is not satisfactory and the connection between the

Card 1/2 UDC: 539.184

L 26713-66

ACC NR: AP6011561

discrepancies and the choice of the wave functions for silver are discussed. The author thanks N. P. Penkin for help and guidance with the work. Orig. art. has: 3 tables.

SUB CODE: 20/ SUBM DATE: 01Nov64/ ORIG REF: 005/ OTH REF: 003

Card 2/2

SLAVENAS, J.

SCIENCE

PERIODICAL: DARBAI. SERIJA B. TRUDY. SERIIA B. No. 2, 1958

Slavenas, J. Practical application of phytoncides of Sinapis alba and Brassica juncea. p. 183.

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

SLAVENAS, J.

Dynamics of phytoncides of white and Indian mustard during their vegetation period. p. 189

Lietuvos TSR Mokslu adademija. Biologijos instituatas. DARBAI. Vilnius
Volume 3, 1958
Lithuanian, Poland

Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

1.

SLAVENAS, J.; RAZINSKAITE, D.

Dynamics of the concentration of phytoncides and juniper oil in Juniperus communis L. Liet. TSR Moksl. akad. darb. [Biol] 1:115-134 '62.

(PLANTS) (ANTIBIOTICS) (OILS)

SLAVENAS, P.V.

Astronomy in schools of higher learning in Lithuania from the 16th to the 19th centuries. Ist.-astron.issl.no.1:49-84 '55.
(Lithuania--Astronomy--History) (MLRA 9:12)

SLAVENAS, P.V.

Material on the history of Lithuanian astronomy and cartography.
Trudy Inst.ist.est.i tekh. 5:331-336 '55. (MLRA 9:5)
(Lithuania--Astronomy) (Lithuania--Cartography)

SLAVENAS, P., prof., red.; LEMCHENAS, Ch., red.; CECYTE, V., tekhn. red.

[M.V.Lomonosov] M.Lomonosova. Redagavo P.Slavenas. Vilnius, Volstybine politines ir mokslines literaturos leidykla, 1961. 81 p. (MIRA 15:3)

1. Lietuvos TSR Mokslu akademija. Vilna. Gamtos mokslu ir technikos istorijos komisija.
(Lomonosov, Mikhail Vasil'evich, 1711-1765)

AZUSIENIS, A.; JASEVICIUS, V.; JUODOKAS, A.; JUSKA, A.; MASNAUSKAS,J.: PUCINSKAS, A.; STRAIZYS, V.; ZDANAVICIUS, K.; ZITKEVICIUS, V.; SLAVENAS, P., prof., red.; PABREZIENE, A., red.; CECYTE, V., tekhn. red.

[Stellar sky] Zvaigzdetasis dangus. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 113 p. (MIRA 15:3)

(Constellations)

SOV/94-58-10-13/20

AUTHOR: Khromchenko, G.Ya., Engineer
Slavenchinskiy, I.S., Engineer

TITLE: Mechanisation of Making Fixing Holes for Electrical Equipment (Mekhanizatsiya probivnykh rabot pri elektromontazhe)

PERIODICAL: Promyshlennaya Energetika 1958, Nr 10, pp 30-34 (USSR)

ABSTRACT: During 1954-57 a good deal of work was done on the mechanisation of making fixing holes for electrical equipment and an article was published by G.Ya.Khromchenko and L.A. Komissarov in Promyshlennaya Energetika 1956, Nr 7. The main considerations in selecting tools and methods for making fixing holes are listed; the principal ones are: tools tipped with tungsten cobalt alloys are used for chipping and drilling holes in brick. If drilling is used without impact, alloys of low cobalt content are used. If impact is used, the cobalt content is higher. It is most important to remove the chippings efficiently. Drilling processes are then analysed. Brick and plaster can be drilled with tools running at normal speed and the pressure can be applied manually. For drilling in

Card1/4

Mechanisation of Making Fixing Holes for Electrical Equipment

concrete with abrasive fillers, such as granite and sand, powerful drilling machines must be used and mechanical means of applying pressure provided. Recommended drilling machine ratings, speeds and pressures derived from an American publication are given in Table 1. A device for applying pressure is illustrated diagrammatically in Fig.1. Data required for the selection of equipment for drilling holes in brick, in concrete with brick filler and in similar materials is given in Table 2. The construction of a drift head is illustrated in Fig.2. By way of example of drilling deep holes in brick; in drilling a hole 500 mm deep the drift head 60 mm diameter was run at a mean drilling speed of 100 mm per minute with an electric drill type I-27 and at 200 mm per minute with a drill type I-29A. The tool was slightly worn after drilling 30 such holes. Impact methods of hole making are then analysed. A combined impact and rotary motion is particularly suitable for concrete and results in less wear on the tool and greater output without the use

Mechanisation of Making Fixing Holes for Electrical Equipment

of special devices to apply pressure. Until recently good electric or pneumatic hand tools for this purpose were not available but now Engineer N.M. Batuyev has developed an electric hammer, type S-494, which should be manufactured in 1958 by the "Electro-Instrument" works in Daugavpils. This hammer, illustrated in Fig.4, has a three-phase 220 V, 50 c/s motor, it has an impact energy of 0.4 kg/m, an impact frequency of 2,600 per minute and the tool rotates at 130 rpm. The hammer weighs 8 kg. The construction of the equipment is described, the recommended type of tool is illustrated in Fig.5. Data required for the selection of mechanisms and tools for making holes in concrete and brick are given in Table 4 and data showing the effectiveness of this method of making holes 20-30 mm diameter in reinforced concrete with granite filler are given in Fig.5. Information is then given about

Mechanisation of Making Fixing Holes for Electrical Equipment

tool operation; in particular, detailed instructions are given for tool sharpening. There are 5 figures, 4 tables and 2 literature references of which 1 is Soviet and 1 English.

SLAVENCHINSKIY, Iona Solomonovich; KHROMCHENKO, Grigoriy Yefimovich; DEMKOV, Ye.D., red.; VORONIN, K.P., tekhn.red.

[Making holes and grooves in concrete] Probivka otverstii i borozd v betone. Moskva, Gos.energ.izd-vo, 1959. 39 p. (MIRA 12:11)
(Biblioteka elektromontera, no.5)
(Drilling and boring machinery)

SLAVENCHINSKIY, Iona Solomonovich; KHROMCHENKO, Grigoriy Yefimovich; BRANDENBURGSKAYA, E.Ya., red.

[Cutting holes and grooves in concrete] Probivka otverstii i borozd v betone. Izd.2. Moskva, Izd-vo "Energiia," 1964. 40 p. (Biblioteka elektromontera, no.126) (MIRA 17:6)

ZOTKIN, Igor' Yur'yevich, inzh.; SLAVENTSOV, P.M., inzh.; VAGIN, V.I. [Vahin, V.I.], inzh.; KOLDA, O.P., inzh.; LEVITSKAYA, G.P. [Levyts'ka, H.P.], red.; OLEFIRENKO, G.Yu.[Olefirenko, H.A.], red.; VAYNSHENER, Y.M.[Vainshener, I.M.], tekhn. red.

[Labor safety in agriculture] Okhorona pratsi v sil's'komu hospodarstvi. Kyiv, Derzhsil'hospvydav URSR, 1962. 258 p. (MIRA 16:6)

(Ukraine--Agricultural machinery--Safety measures)

SLAVENZON, L. D.

SLAVENZON, L. D.: "Some problems of the structure and function of the lymphatic nodes". Leningrad, 1955. Min Health RSFSR. Leningrad Sanitary-Hygienic Medical Inst. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

RUMANIA/Farm Animals. Cattle. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78743.

Author : Lunca, N.; Ionescu, C.; Slavescu, E.; Eger, E.

Inst :

Title : Results Obtained in Several Stations for Artificial Insemination in Cluj Region.

Orig Pub: Probl. zootechn., 1957, No 6, 55-57.

Abstract: Artificial insemination of cows was conducted for the first time in the rayons of Dzhilau, Zhibou and Zalets. Bulls 2 to 8-9 years old served as sires. The percentage of fertilization for three years comprised on the average 74.5, 66.73 and 69.77%. Fertility of cows under artificial insemination equaled 78-73%; the litter was

Card : 1/2

SLAVESCU, M., ing.; COSMA, Gh., ing.; STOENESCU, S.

Investigations on the possibilities of improving the efficiency of high power centrifugal fans. Energetica Rum 12 no.12:610-618 D '64.

DINCULESCU, Tr., prof.; BINSTOC, O., dr.; SDIC, L., dr.; DUMITRESCU, St., dr.; TELEKI, N., dr.; SLAVESCU, Vl., dr.

Considerations on balneo-physical therapy of vertebral lumbosciatica. Med. intern. 14 no.7:865-869 Jl '62.

1. Institutul de Balneologie, Bucuresti.
(SCIATICA) (LUMBOSACRAL REGION) (BALNEOLOGY)
(PHYSICAL THERAPY)

BINSTOC, O.; SLAVESCU, Vl.; MIHAESCU, Rodica.

Research on the action of microwaves on some aspects of the dynamics of serum proteins. Stud. cercet. fiziol. 10 no.1: 97-104 '65.

POLANKA, Ed., MUDr; SLAVETINSKY, Milan, Dr.

Effect of smoking on gingivitis. Prakt. zub. lek., Praha 2 no. 10:223-225 1954.

1. Ze Stomatologickeho oddeleni FN v Olomouci
(GINGIVITIS, etiology and pathogenesis
smoking)
(SMOKING, injurious effects
gingivitis)

SLAVETINSKY, M.Dr., Olomouc

Improved type of laboratory record. Prakt. zub lek., Praha 2 no. 10:228 1954.
(TECHNOLOGY, DENTAL
laboratory records, improved form)

SLAVETINSKY, V.

Distr: 4E2d

Continuous reaction of liquids with gases. Gustav Zatočil and Vladimír Slavětinský. Czech. 87,715, Oct. 15, 1958. In the described app. the liquid, possibly with suspended catalyst, is sprayed by means of a nozzle in the form of a fine mist by the force of the gas required for the reaction.

D. S. Kašik

KOZLOV, P.V.; KOZ'MINA, O.P.; VAN NAY-CHAN [Wang Nai-ch'ang]; SLAVETSKAYA, P.A.; CHZHOU EN-LO [Chou En-lo]

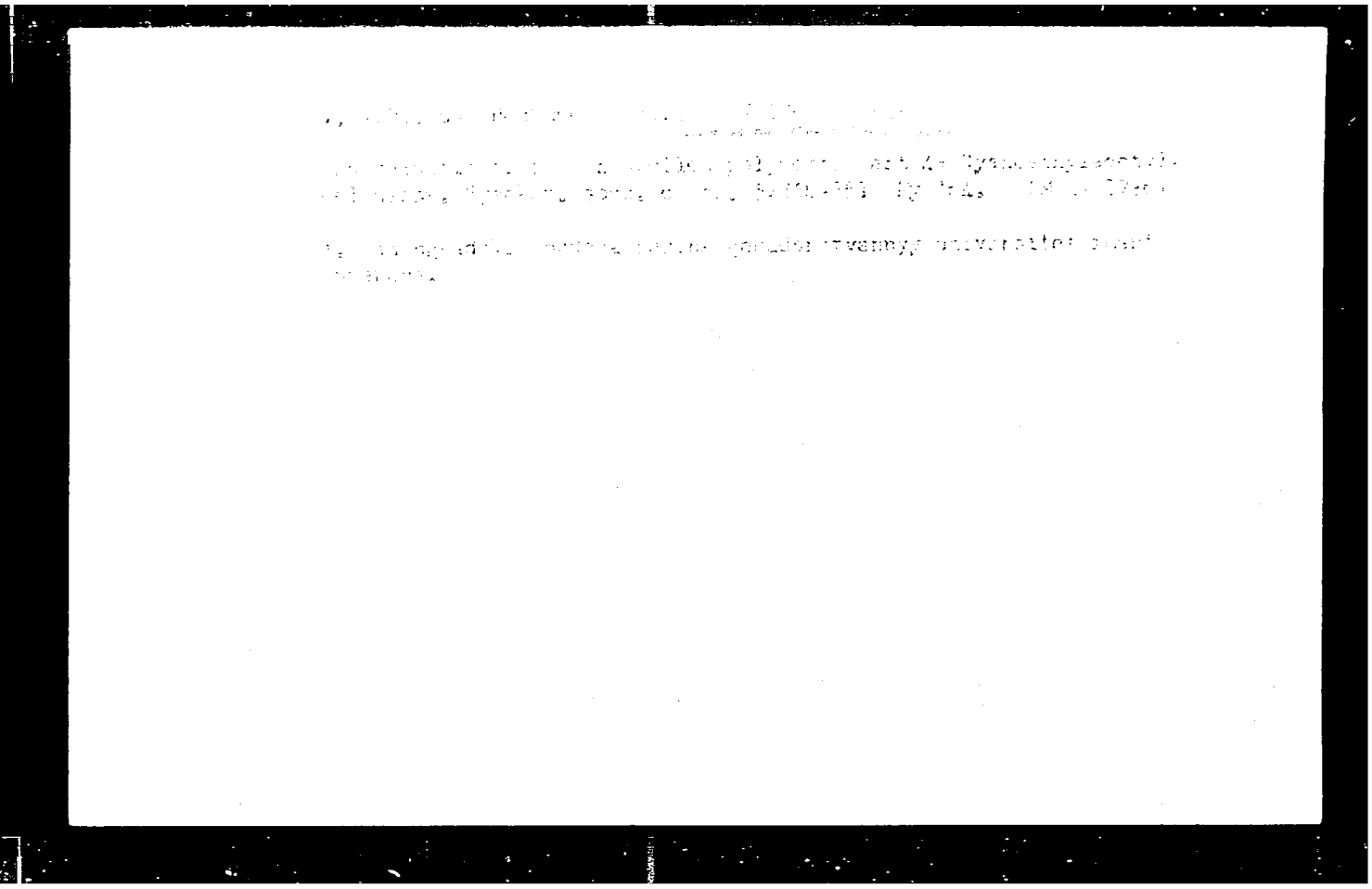
Crystallization of cellulose tribenzoate. Dokl. AN SSSR 139 no.5:1149-1152 Ag. '61. (MIRA 14:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i Institut vysokomolekulyarnykh soyedineniy AN SSSR. Predstavleno akademikom V.A. Karginym.
(Cellulose) (Crystallization)

KOZ'MINA, O.P.; Prinimali uchastive: KURLYANKINA, V.I.; ALEKSANDROVICH, M.K.; PROSVIRYAKOVA, E.P.; SLAVETSKAYA, R.A.; KOZLOV, M.P.

Mechanism of oxidation of cellulose ethers by oxygen. Izv. AN SSSR Otd.khim.nauk no.12:2226-2233 D '61. (MIRA 14:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Oxidation)



KOZMINA, [illegible]; [illegible]YANSINA, V.I.; MOLOTKOV, V.A.; SLAVETSKAYA, P.A.

Synthesis and oxidation of ethyl xylan. Vysokom. soed. 7 no.6:958-960 Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

L 16006-66 EWP(j)/EWT(m) RM

ACC NR: AP6005517 (A) SOURCE CODE: UR/0080/66/039/001/0164/0170

AUTHOR: Syutkin, V. N.; Slavetskaya, P. A.; Koz'mina, O. P.; Danilov, S. N.

ORG: none

TITLE: Synthesis and properties of mixed cyanoethyl cellulose esters and ethers

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 1, 1966, 164-170

TOPIC TAGS: ether, ester, cellulose

ABSTRACT: Cellulose ethers were cyanoethylated by introducing cyanoethoxyl groups. Methyl-, ethyl-, benzyl-, trityl-, and allylcyanoethylcellulose with different degrees of substitution were thus obtained. To produce esters, acylation of incomplete cyanoethyl ethers was carried out by using acid chlorides in pyridine. The introduction of functional groups which differ in size and structure into the cellulose molecule widens the choice of solvents which can be used and causes a change of the glass point. During the synthesis of mixed cyanoethyl cellulose ethers and esters, no appreciable degradation of the cellulose macromolecule takes place, as indicated by intrinsic viscosity data. Infrared spectra of the mixed ethers and

Card 1/2 UDC: 661.728

L 16006-66

ACC NR: AP6005517

2

esters and their main electrical characteristics ε', tan δ, and ρ_v were analyzed. "Authors thank A. I. Artyukhov and K. K. Kalnin'sh for measuring the electric properties and taking IR spectra of the mixed cyanoethyl cellulose ethers and esters." Orig. art. has: 2 figures, 2 tables.

SUB CODE: 07/ SUBM DATE: 23Jul65/ ORIG REF: 005/ OTH REF: 005

Card 2/2

SLAVEV, S.

From the Danube to the Valley of Roses. p. 7.

Vol. 5, no. 7, 1955
GEOGRAFIIA
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 1 Jan. 1956

[redacted], A.

At the Pebbleless Echelin and Sueva Lupka. p. 6.

GEOGRAFIIA VOL. 5, no. 10, 1955

Sofiya, Bulgaria

SO: LIST EUROPEAN ACCESSIONS LIST VOL. 5, no. 7 July 1956

SLAVEV, S.

SLAVEV, S. The old Tryavna, p. 4.

Vol. 6, No. 7, 1956
GEOGRAFIIA
GEOGRAPHY & GEOLOGY
Sofiia, Bulgaria

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

SLAVEV, S.

To the coke furnaces near the Plachkovtsi Railroad Station. p. 4.
(Geografiia, Vol. 7, no. 4, 1957. Sofiia, Bulgaria)

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

SLAVEV, S.

Gorna Oryakhovitsa District as the cradle of Bulgarian gardening.

P. 5, (Geografiia) Vol 7, no. 6, 1957, Sofia, Bulgaria

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

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: not given

Affiliation: Junior Scientific Collaborator at the Geographic Institute of the Bulgarian Academy of Sciences (Geografski Institut pri BAN), Member of the staff of Geografiya

Source: Sofia, Geografiya, No 4, 1961, pp 8-11

Data: " Near the Town of Lovech. "

GPO 981643

SLAVGORODSKAYA, Ye.A.

Unfired dinas brick. Ogneupory 27 no.9:428 '62. (MIRA 15:8)

1. Trest "Ogneupornerud".

(Firebrick)

LEVINTOVICH, E.V.; SHAKHTIN, D.M.; KULIK, A.I.; LOGACHEV, M.S.; MIROSHNICHENKO, V.Ya.; SLAVGORODSKAYA, Ye.Ya.

Determining the weight by volume and density variations of a glass bar by the absorption of gamma rays. Ogneupory 28 no.1: 17-21 '63. (MIRA 16:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Levintovich, Shakhtin). 2. Chasov-Yarskiy kombinat ogneupornykh izdeliy (for Kulik, Logachev, Miroshnichenko, Slavgorodskaya).
(Refractory materials—Testing)
(Gamma rays—Industrial applications)

SLAVGORODSKAYA, Ye.Ya.; RADCHENKO, S.T.; ODRINSKIY, V.N.

Manufacture of lightweight refractories from semidry materials.
Ogneupory 29 no.4:151-153 '64. (MIRA 17:4)

1. Opornaya tekhnologicheskaya laboratoriya tresta "Ogneupornerud".

SLAVGORODSKIY, F.Ya.; GURSKIY, P.A., red.; SALENKO, S.V., red.; KHITROV, P.A., tekhn. red.

[Experimental locomotives] Opytnye lokomotivy. Moskva, Transzheldorizdat, 1949. 241 p. (MIRA 16:8)
(Locomotives--Design and construction)

SLAVGORODSKIY, M.V.

271. LOUD SPEAKER COMMUNICATION BETWEEN COKE MACHINES.
Slavgorodskii, M.V. and Skornyakov, A.N. (Koks i Khim. (Coke & Chem., Moscow), Otdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), July 1956, 125-128). The paper by S.T. Bondarenko (Fuel Abstr., 1956, vol. 20, 1383) on the heating of a block of coal by a current passing through a conducting channel is criticized.

PERMYAKOV, V.A.; SLAVGORODSKIY, M.V.

Operation of coke ovens of the PK-2K system without recirculation.
Koks i khim. no.5:29-30 '56. (MLRA 9:10)
(Coke ovens)

SLAVGORODSKIY, M.V.; SKORNYAKOV, A.N.

Loudspeaker communication between coke machines. Koks i khim. no.5: 34-35 '56. (MLRA 9:10)
(Loudspeakers) (Coke-industry--Equipment and supplies)

SOV/68-59-9-8/22

AUTHORS: Likhogub, Ye.P., and Slavgorodskiy, M.V.

TITLE: Comparative Characteristics of Coke Ovens of the PK-2K System with Various Design Modifications

PERIODICAL: Koks i khimiya, 1959, Nr 9, pp 24 - 27 (USSR)

ABSTRACT: Various modifications in the heating of coke ovens of the PK-2K system were introduced in order to obtain a uniform heating of the charge along the height of the ovens. The introduction of recirculation of the combustion products solved this problem for the Southern works operating with coals of a low vertical shrinkage, but for Eastern works operating on the Kuznetsk coals with a large shrinkage, the problem of the most rational method of heating has not yet been solved. As the future developments in the iron and steel industry will be concentrated in this region, the solution of the corrected design of ovens is urgent. For this purpose a comparison of batteries operating with and without recirculation and processing the same blend was carried out. The experimental results are given in Tables and Graphs. It is concluded that the best design of 2PK-2Y ovens for processing Kuznetsk coals are ovens without recirculation of the combustion products with the

Card 1/2

SOV/68-59-9-8/22

Comparative Characteristics of Coke Ovens of the PK-2K System with Various Design Modifications

level of heating (burners) 800 mm above the oven sole. There are 4 figures and 2 tables.

ASSOCIATIONS: Teplotekhstantsiya / (Likhoguz); Nizhne-Tagil'skiy metallurgicheskiy kombinat (Nizhniy Tagil Metallurgical Combine) (Slavgorodskiy)

Card 2/2

MUSTAFIN, F.A.; SLAVGORODSKIY, M.V.; BURSHTEYN, M.D.

Automation of the feeding of air into the heating system of coke batteries. Koks i khim. no.1:28-33 '61. (MIRA 14:1)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Mustafin and Slavgorodskiy). 2. TSentral'naya laboratoriya avtomatiki (for Burshteyn).

(Coke ovens)

KUPERMAN, P.I.; GRYAZNOV, N.S.; MOCHALOV, V.V.; FROLOV, V.V.; MUSTAFIN, F.A.; PUSHKASH, I.I.; SLAVGORODSKIY, M.V.; LAZAREV, B.L.; BORISOV, V.I.; Prinimali uchastiye: CHERKASOV, N.Kh.; ZABRODSKIY, M.P.; RYTCHENKO, A.I.; RUTKOVSKAYA, Ye.N.; SAITBURGANOVA, N.I.; SHTAGER, A.A.; SHISHLOVA, T.I.; BUDOL', Z.P.; MEN'SHIKOVA, R.I.; GORELOV, L.A.; AGARKOVA, M.M.; KOUROV, V.Ya.; KOGAN, L.A.; BEZDVERNYY, G.N.; POKROVSKIY, B.I.

Effect of the lengthening of the coking time on the coke quality and testing of coke in the blast furnace process. Koks i khim. no.9: 23-28 '63. (MIRA 16:9)

1. Vostochnyy uglekhimicheskiy institut (for Kuperman, Gryaznov, Mochalov, Kogan, Bezdvernyy, Pokrovskiy). 2. Ural'skiy institut chernykh metallov (for Frolov). 3. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Mustafin, Pushkash, Slavgorodskiy, Lazarev, Cherkasov, Zabrodskiy, Rytchenko, Rutkovskaya, Saitburganova, Shtager, Shishlova, Budol', Men'shikova). 4. Koksokhimstantsiya (for Borisov, Gorelov, Agarkova, Kourov).

(Coke—Testing)

PARSHIN, M.A.; SLAVGORODSKIY, V.B.

Operational control of adhesive conditions of pavements.
Avt. dor. 28 no.9:6-7 S '65. (MIRA 18:10)

SLAVIC, I.
Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: Department of Physics, Institute of Nuclear Sciences "Boris Kidrich"

Source: Belgrade-Vintcha, Bulletin of the Institute of Nuclear Sciences "Boris Kidrich", Vol 11, Mar 1961, 23-35.

Data: "Temperature Distribution in a Diffusion Cloud Chamber."

Co-authors:

SZYMAKOWSKI, J., University of Lublin, Poland,
STACHORSKA, D., Institute "Badan Jadrowych", Krakow, Poland,
MILOJEVIC, A., Department of Physics, Institute of Nuclear Sciences "Boris Kidrich",
AJDACIC, V., Department of Physics, Institute of Nuclear Sciences "Boris Kidrich".

SLAVIC, Ilfan, dipl. fiz. hem., saradnik (Pancevo, Dr Kasatinovica 27);
STOJIC, Miodrag, dipl. fiz. hem., saradnik

Semiconductor detectors with surface barrier. Tehnika Jug 19 no. 2:Suppl.:Radioizotopi zrac 3 no. 2:224-231 F '64.

1. "Boris Kidric" Institute of Nuclear Sciences, Belgrade-Vinca.

L 34671-66

ACC NR: AP6025848 SOURCE CODE: CZ/0017/66/055/002/0083/0086

AUTHOR: Slavic, Ivan (Engineer)

36
B

ORG: Mining Research Institute, Prievidza (Bansky vyskumny ustav)

TITLE: Heating tests with electrical instruments for heavy currents

SOURCE: Elektrotechnicky obzor, v. 55, no. 2, 1966, 83-86

TOPIC TAGS: alternating current, electric equipment, electric circuit, electronic transformer, heating

ABSTRACT: The distribution of AC current into parallel circuits of three-phase instruments depends mainly on whether the instrument is fed by a single-phase or a three-phase AC current. For heating tests, therefore, it is inevitable that all three-phase instruments are actually fed by three-phase current. But three-phase current sources are heavy and expensive for high current values. Therefore it sometimes is advantageous to use three single-phase transformers which can be connected to mains through primary winding only, much like current transformers. The above mentioned testing method is protected by Czechoslovak Patent No. 109202. This paper contains the experimental results and a simplified proposal for the transformer design. This paper was presented by Engineer, Doctor, Candidate of Sciences B. Novotny. Orig. art. has: 6 figures, 3 formulas and 1 table. [Based on author's Eng. abstract] [JPRS: 35,327]

SUB CODE: 09 / SUBM DATE: 18Dec64 / ORIG REF: 005 / SOV REF: 003

Card 1/1 UDC: 621.314.2.017.7:621.317

CZECHOSLOVAKIA

CROSS, A.D; SLAVIK, J.

1. Syntex Research Division, Palo Alto, California, USA (for Cross): 2. Department of Medical Chemistry, Purkyne University, Brno - (for Slavik)

Prague, Collection of Czechoslovak Chemical Communications, No 3, March 1966, pp 1425-1426

"Glaucamine - structure and relative stereochemistry at two centers."

VOLF, Sigmund, ing., nyilvanos rendes tanar; SLAVIC, Ladislav, dr., tudomanyos fomunkatars

New calcium-carbonic acid process for diffusion juice purification. Cukor 18 no.1:1-3 Ja '65.

1. Chair of Technology of the University, Novi Sad (for Volf).
2. Sugar and Starch Division of the Research Institute of Food Industry, Novi Sad (for Slavic).

SLAVIC, Ladislav, dr. (Novi Sad); VUKOV, Konstantin [translator]

Industrial application of gradual defecation-saturation (the Schneider-BMA process). II. Cukor 13 no.7:193-197 Jl '60.

1. "Cukoripar" szerkeszto bizottsagi tagja (for Vukov).

YUGOSLAVIA

SLAVIC, M., and D. PANCEVIC of the Chemical Institute
(Hemijski Institut) and Institute and Clinic for Infec-
tious Diseases (Institut i Klinika za Zaraze).

"Comparative Tests of Protein Concentration in the Blood
Serum of Rabbits."

Belgrade, Acta Veterinaria, Vol 12, No 3-4, 1962, pp 59-63.

Abstract: [Authors' English summary modified] The protein
concentration in the blood serum of 75 rabbits was deter-
mined on the basis of the Kjeldahl micro-method and of the
Phillips-Van Slyke method, the values obtained with the
former being used to check the values obtained with the
latter method. The results showed that the equation
P%=[illegible](s-1.006) or P%=417(s-1.007) could be used. Agree-
ment was better with the use of the former equation.

Table of results, 7 references to US and Yugoslav works
of past 20 years.

[1/1]

171

YUGOSLAVIA

MLADENOVIC, Z.; SIBALIC, S. and SLAVICA, M.; Department of Parasitoses of Veterinary College (Institut za invazione bolesti Veterinarskog fakulteta,) Belgrade; and Veterinary Institute (Veterinarski zavod,) Zemun.

"Protecting Chickens from Cecal Coccidiosis with Irradiated Oocysts."

Belgrade, Veterinarski Glasnik, Vol 20, No 7, 1966; pp 527-530.

Abstract [English summary modified]: Inoculation of 5 to 100M oocysts of Eimeria tenella previously irradiated with 10M to 25M r, challenge with 200M normal oocysts: results inconclusive. Three tables; ms rec 23 May 66.

1/1

SLAVICEK, E.

Theory of diffusion in sugar production.

p. 527
Vol. 3, no. 6, 1955
SOVETSKA VEDA: POTRAVINARSTVI
Praha

SO: Monthly List of East European Accessions (EEAL), LC, VOL. 5, no. 3
March 1956

SLAVICEK, E Slavichek

CZECHOSLOVAKIA/Chemical Technology - Carbohydrates and Their Processing. H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55423

Author : Slavichek
Inst :
Title : Fundamentals of Technical Computations in Sugar Production.

Orig Pub : Listy Cukrovarn., 1956, 72, No 11, Priloha, 26-28

Abstract : Computations for product balance and energy.

Card 1/1

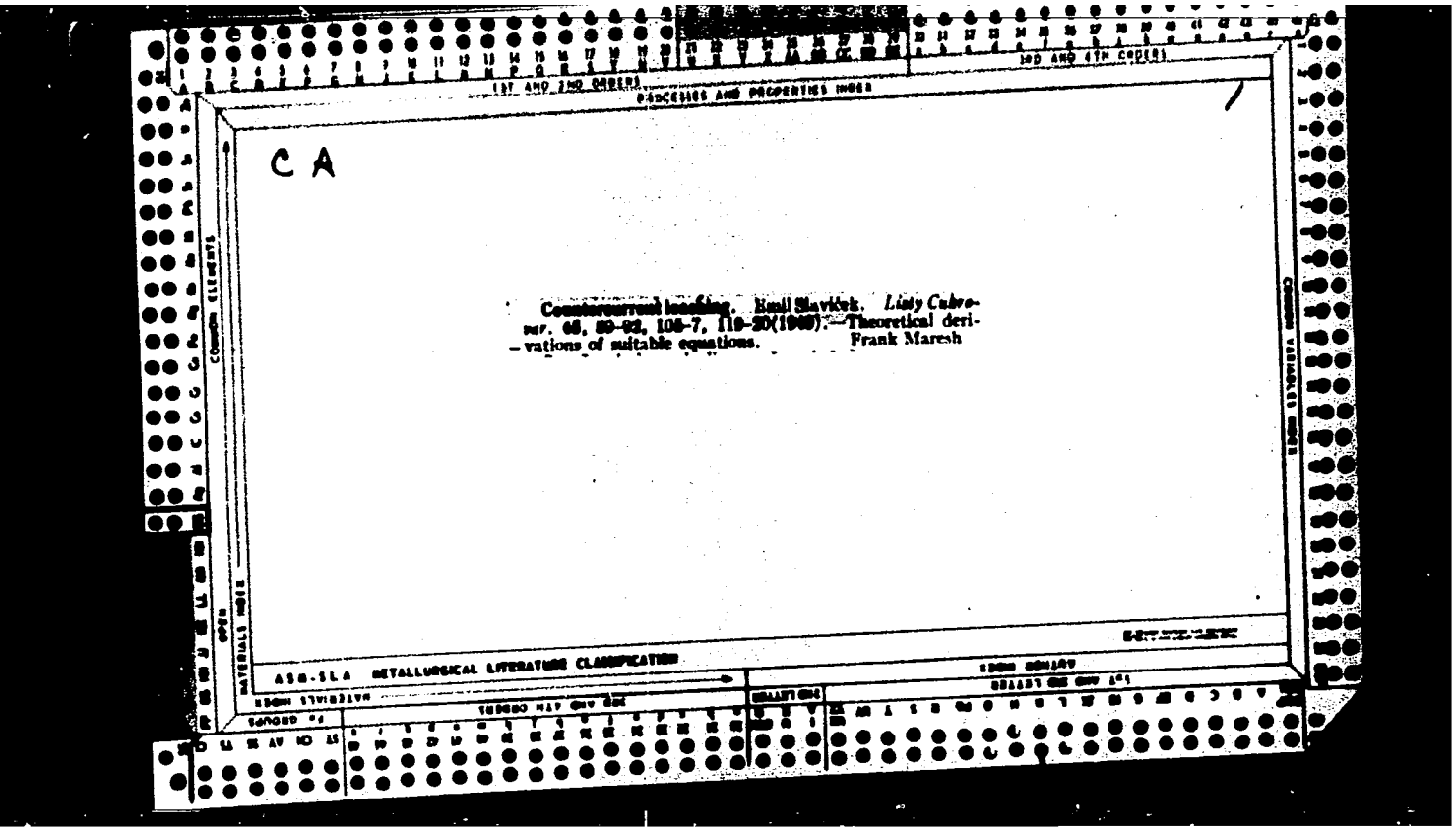
10

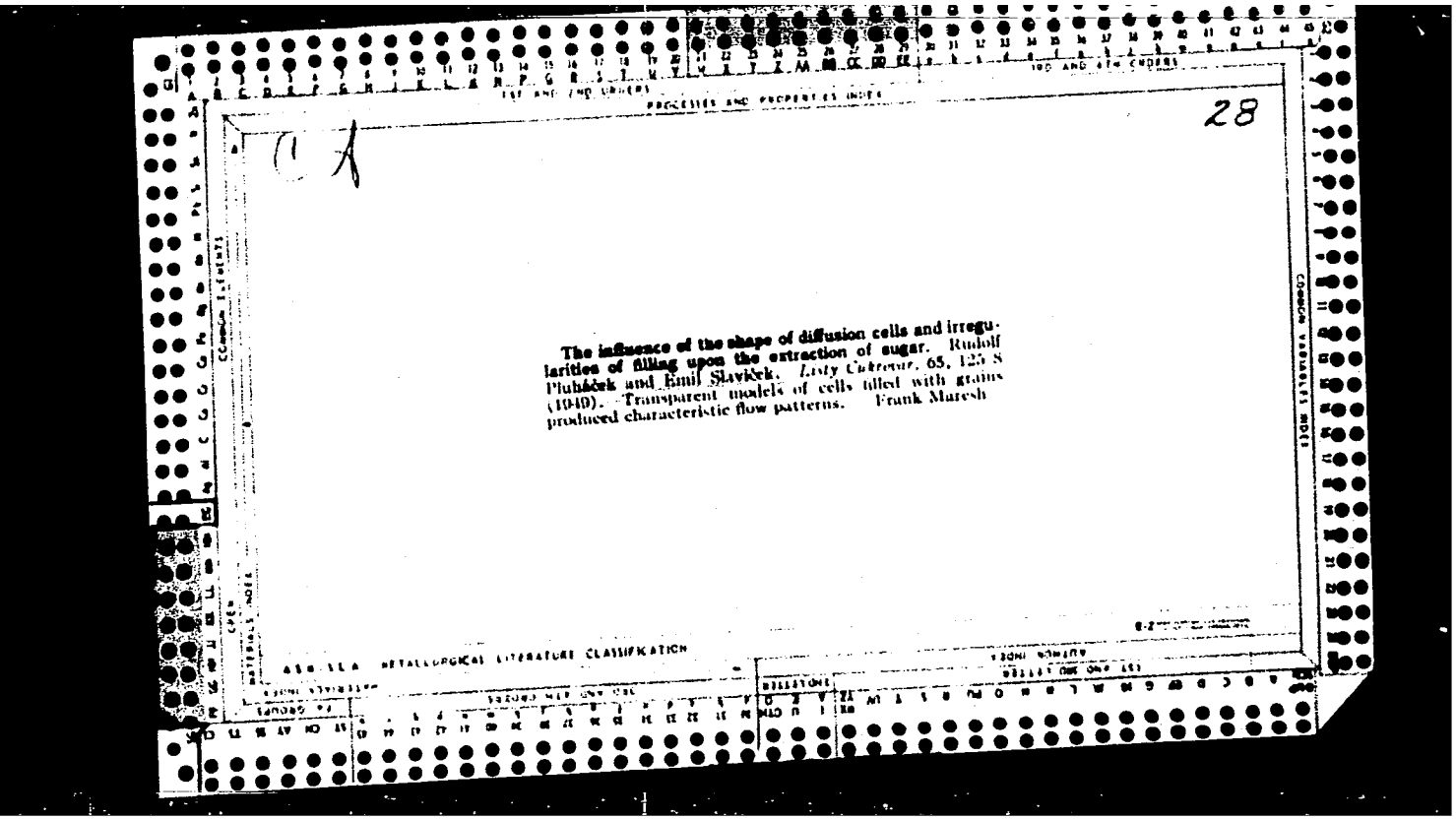
Brit. Ab.

BI - I E. Unit Processes

Countercurrent extraction. III. E. Slavíček (*Chem. Listy*, 1947, 41, 106—107).—A multiple extraction process, described and illustrated, is claimed to be more economical in time and solvent than are other extraction systems.

R. Truscoe.





28

The influence of the shape of diffusion cells and irregularities of filling upon the extraction of sugar. Rudolf Plubáček and Emil Slavíček. *Listy Cukrovar.* 65, 125-8 (1949). Transparent models of cells filled with grains produced characteristic flow patterns. Frank Maresh

Czechoslovakia CA: 47:17843

SLAVICEK, J.

with A. SLAVICKOVA

"Countercurrent extraction. IV. Experimental determination of the extraction factor and the value z."

Listy Cukrovar. 66, 137-8 (1947-50); Sugar Ind. Abstr. 12, 85(1950); cf. Listy Cukrovar. 66, 97-9 (1947-50); C.A. 43, 7272a.

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

P V

E 3
2

[illegible] II. Effect of cassette length [illegible], 1961, 67, 41—44; [illegible] dF = [illegible] concn., D = diffusion const., [illegible], L = mean free diffusion path, and v = vol. [illegible]. Then $F/Lv = E$, and $A\gamma = D$, where A = c[illegible] 100 g. and γ = density. In tests with a 2% agar [illegible] cassette, containing [illegible] n-NaCl, on determining [illegible] by the electric resistance through the "c[illegible] were straight lines [illegible] closer as the [illegible] equation $E = 14D + 2D^2$, which was [illegible] by [illegible] with beet cossettes in a laboratory [illegible]. Changes [illegible] had no effect on E. The use of [illegible] effects of changes in cossette length [illegible]. The results apply to [illegible] Oplatka's theory (cf. [illegible], 1961, [illegible]). P. S. Arup.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BM

Influence of shape of diffusers and irregularities in filling of diffusers on extraction. E. Slavíček, J. Schreiber, and M. Vrál (Listy Cukr., 1961, 77, [illegible].; Ind. Abstr., 1961, 12, [illegible]).— The flow of juice in a diffuser was followed by the use of an electrical analogue apparatus, based on the mathematical similarity of the actual flow to that of ions and electrolyte in an area of the same half cross-section under a given potential. The method was worked out for conditions analogous to uniform filling of the diffuser with cossettes. The flow of diffusers with a flat or moderately concave bottom sieve was good. Diffusers with a high lateral sieve, or with an inverted conical sieve (candle) in the middle, gave irregular flow which would cause irregular sweetening off of cossettes and so lead to production losses. P. S. Arup.

SLAVICEK, EMIL

Heat transfer in the condensation of steam on a vertical cylinder with a spherical dished bottom. Emil Slavíček and Jiří Kovář (Vysoká škola chem.-technologická, Prague). *Chem. Listy* 48, 1441–5(1954).—An expression for the heat-transfer coeff. is derived which is applicable to steam-heated evaporators with an approx. spherical dished bottom. The resulting function is tabulated. E. Erdos

Slavicek, Emil

The efficiency of Robert diffusion batteries. Emil Slavíček. *Listy Cukrovar.* 70, 185-7(1953).—The efficiency depends on the porosity and size of sugar-beet slices, pressure differential in the first diffuser, juice viscosity, the height of charge, and the thickness of diffuser and the pipes. I. L.

SLAVICEK, E

Pressure losses in diffusion battery. F. Hruška, E. Slavíček, and M. Vonder (*Listy Cukr.*, 1954, 70, 137—139).—Measurements with different manometers indicated that of the total pressure difference 10% is used to overcome resistance on the screens, 20% in cossettes, 40% in interconnecting apparatus, and the rest in water and juice piping and on dirt catchers. Conical screens with side openings have a pressure drop per unit flow area which is 28% lower than usual, but as the size of this (Wallig) screen is limited the total pressure loss is 46% higher than usual. Losses in different parts of the piping, etc. are further analysed and possibilities of improvement are discussed. Increase of cossette thickness is limited by deleterious effect on extraction. The size of interconnecting pipes could be increased to reduce pressure losses; the use of pumps between diffusers or an increase of the total pressure on the battery would increase throughput. SUG. IND. ABSTR. (E. M. J.).

SLAVICEK, E.

A diffusion battery for research purposes. p. 189.

PRUMYSL POTRAVIN. Praha. Vol. 6, no. 4, 1955.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

SLAVICEK, E.

TRANSLATION UNCLASSIFIED

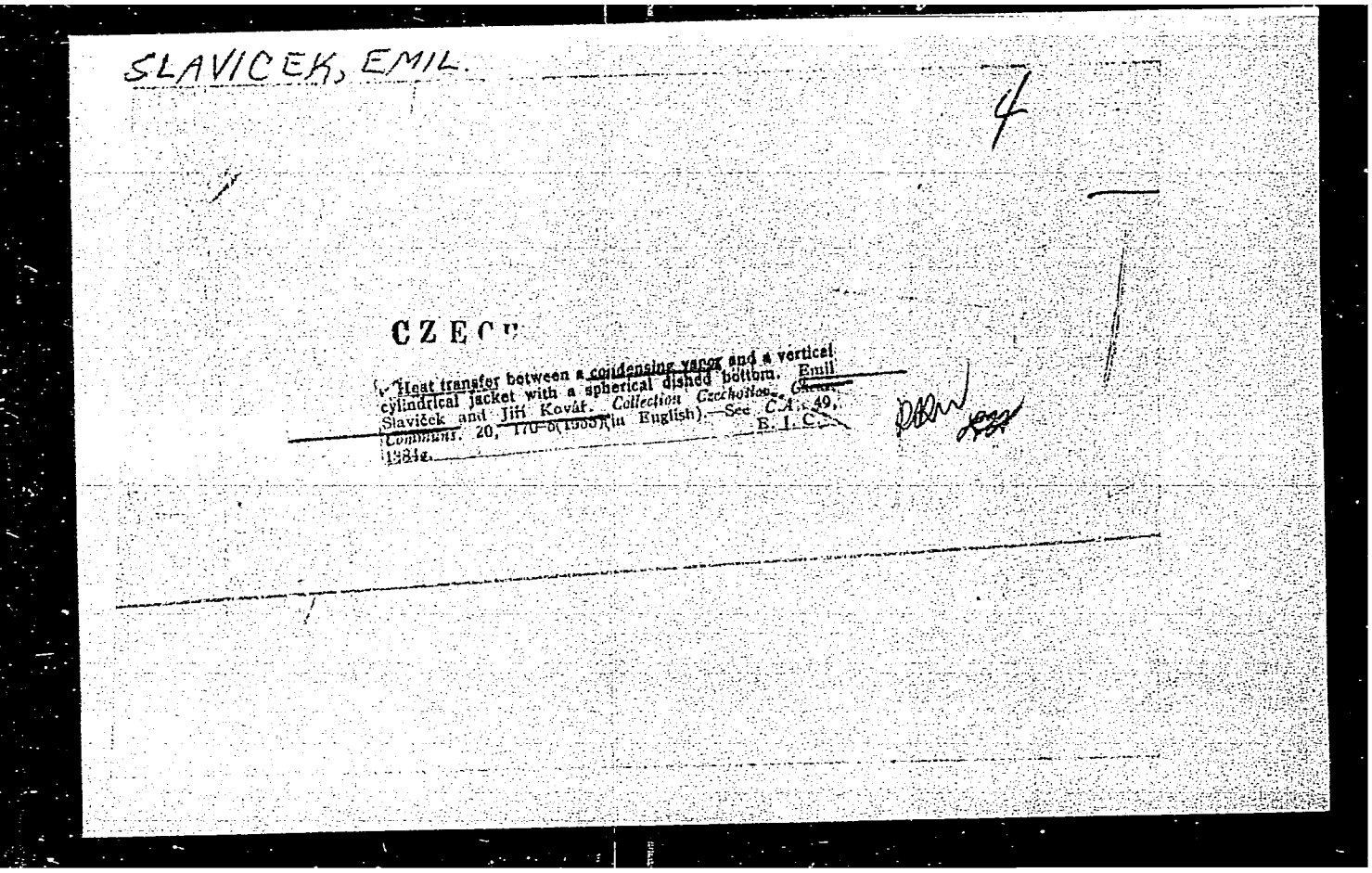
Author: Slavicek, E., and Kovar, J. (Dept. of Chemical Engineering, Institute of Chemical Technology (formerly Technical University), Prague).

Title; Heat Transfer between a Condensing Vapor and a Vertical Cylindrical Jacket with a Spherical Dished Bottom.

Journal: Collection of Czechoslovak Chemical Communications, Vol 20, No.1, 1955, pp. 170-175. In Czech in Chemicky Listy, Vol 48, 1954, p. 1444.

Available; BMI Main Lib.

BJ 6/29/55



SLAVICEK, EMIL.

4

CZECH

Heat transfer between a condensing vapor and a vertical cylindrical jacket with a spherical dished bottom. Emil Slavíček and Jiří Kovář. *Collection Czechoslov. Chem. Communs.* 20, 170–5(1955)(in English).—See *C.A.* 49, 1984g. B. I. C.

C

Thermal efficiency of split-flow heat exchangers. Emil Slavíček (Vysoká škola chem.-technol., Prague). *Chem. Listy* 49, 949–58(1955).—Formulas are derived for the calcn. of the temp. distribution in split-flow heat exchangers where the two parts have different heat-transmission coeffs., exchange surfaces, and heat capacities of the hot liquid. A special case is discussed where these quantities have the same value in both parts, and nomographs are given for direct calcn. of the exchange surface and of final temps. of the hot and cold liquids. E. Erdös

C

S

Heat transfer in a 1-2 exchanger involving phase change of one fluid. Emil Slavíček (Vysoká škola chem.-technol., Prague). *Chem. Listy* 49, 1101–4(1955).—A method is given for computing the exchange area of a 1-2 exchanger in which the superheated vapor is cooled, condensed, and supercooled. The method is also applicable to simpler cases such as cooling and condensation or condensation with supercooling. E. Erdös

RD

MGT

SLAVICEK, Emil

CZECHOSLOVAKIA/Processes and Equipment for Chemical Industries - Processes and Apparatus for Chemical Technology K-1

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33244

Author : Slavicek Emil
Inst :
Title : Heat Tranfer on Crossing Directions of Liquid Flows and a Finite Number of Tubes

Orig Pub : Chem. listy, 1955, 49, No 12, 1739-1755; Sb. chekhosl. khim. rabot, 1956, 21, No 5, 1083-1100

Abstract : The equations for determination of temperatures in the case of crossing directions of liquid flows, which were utilized hitherto, were derived on the assumption that the heat-exchange surface is continuous. In the present paper the case is considered of crossing directions of liquid flows and a finite number of tubes, i.e., with a discontinuous heat-exchange surface. In the derivation of the equations the assumption is made that the physical

Card 1/2

Slavicek Emil

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application - Carbohydrates and Refinement. H-26

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9472

Author : Slavicek Emil
Inst :
Title : Effect of the Shape of Diffusers on Leaching of Beet Slices. IV.

Orig Pub : Listy cudrovarn., 1955, 71, No 1, 14-16

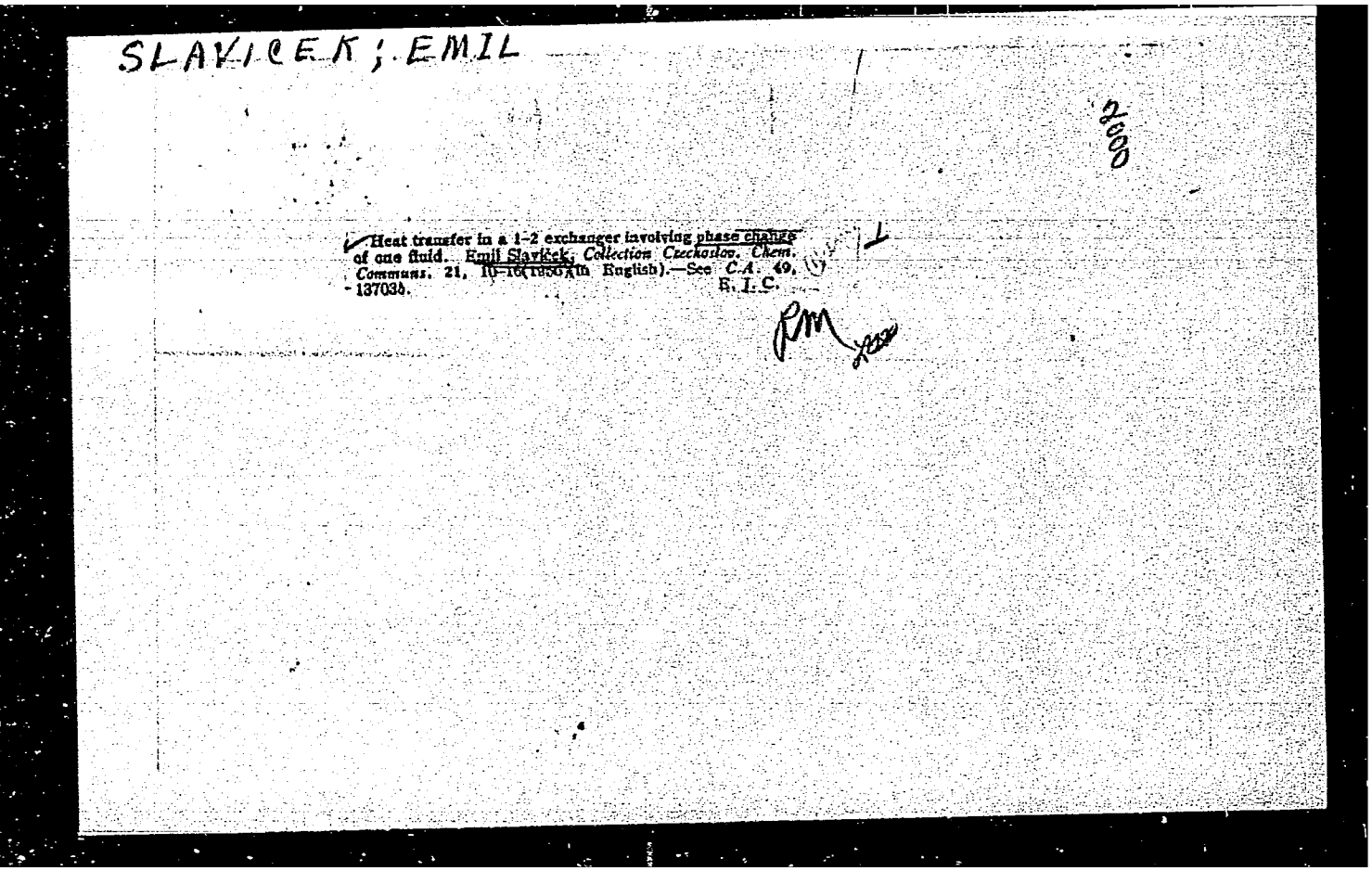
Abstract : Losses of sugar in the pulp are calculated in the case of leaching of the slices in a diffuser with an internal cone designed to improve the circulation of the juice. It was ascertained that sugar losses in such a diffuser are 10% higher than in an ideal diffuser. Increased losses can be compensated by less than 2% by increased withdrawal of the juice. Various other shapes of diffusers practically do not lower the extraction of the slices.
Part III, see RZhKhim, 1953, 5790.

Card 1/1

SLAVICEK, J.

SLAVICEK, J. Heat transfer calculations for splitflow exchangers. In English. p. 1. Vol. 21, no. 1, Feb. 1956. SBORNIK CHEKHOSLOVATSKIKH KHIMICHESKIKH RABOT. COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957



SLAVICEK, EMIL

2600

Heat transfer in a 1-2 exchanger involving phase change of one fluid. Emil Slavíček. *Collection Czechoslov. Chem. Communs.* 21, 10-16(1956)(in English).—See *C.A.* 49, 13703d. R. I. C.

SLAVICEK, EMIL

3
TE 4.5

Heat transfer in a cross-flow heat exchanger with a finite number of tubes. Emil Slavíček. *Collection Czech. Chem. Commuss.* 21, 1083–1100(1956)(in English).—See *C.A.* 50, 3018g. E. J. C.

H-2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Chemical Engineering.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23617

Author : Slavicek, E.
Inst : -
Title : Design of Heat Exchangers. I. Single- and Two-Pass Heat Exchangers.

Orig Pub : Chem. listy, 1958, 52, No 5, 887-895

Abstract : Based on the assumption of constancy of the "water equivalents" of both heat carrying media, equations for calculation of temperatures in heat exchangers were developed for the cases whereby one of the media flows through a two-pass route while the other one

Card : 1/2

H-2

Distr: 4E3d

Heat-exchanger calculations. 1. The 1-2 exchanger. Emil Slavíček (Vysoká škola chem. technol., Prague). *Collection Czechoslov. Chem. Communs.* 24, 839–49(1959) (in English).—See *C.A.* 53, 6*f*. Jiří Pliml

3
1

Distr: 4E2b(v)/4E3b/4E3c 2 cys

3
1-BW(BW)
1-RS
4

Calculations on heat exchangers. II. The 1-3 exchanger. E. Slavíček (Vysoká škola chemicko-technol., Prague). *Collection Czechoslov. Chem. Commun.* 25, 1844-55(1960); cf. *CA* 53, 6f.—Relations are derived for the calcn. of the distribution of temps. in a 1-3 exchanger which in the general case has unequal surfaces and heat-transfer coeffs. in each pass. For the special case where these quantities have the same values in every pass, nomograms have been constructed for the direct calcn. of the exchanger surface, exit temps., and mean temp. difference. The exchanger efficiencies for the two possible cases differ very little.

E. Erdös

1/1

SLAVICEK, Emil

The Robert diffusion. Listy cukrovar 80 no.8:204-215 Ag '64

1. Chair of Technical Physics, Higher School of Chemical Technology, Prague. Listy cukrovar 80 no.8:204-215 Ag '64

SLAVICEK, Emil

New Czechoslovak system of measurement and problems of its application. Prum potravin 16 no.4:186-194 Ap '65.

1, Chair of Technical Physics of the Higher School of Chemical Technology, Prague. Submitted March 8, 1965.

SLAVICEK, Emil

Chemical engineers and the new Czechoslovak law on weights and measures. Chem prum 13 no.2:84-89 F '63.

1. Katedra technicke fyziky, Vysoka skola chemicko-technologicka, Praha.

SLAVICEK, Ivan; RIHA, Frantisek

Analogue integrator for use in chemical laboratories and plants.
Chem prum 13 no.1:24-26 Ja '63.

1. Vyzkumny ustav makromolekularni chemie, Brno.

SLAVICEK, Ivan, inz.

Transistor control amplifiers. Automatizace 7 no.9:229-232 S '64.

1. Research Institute of Macromolecular Chemistry, Brno.

SLAVICEK, Ivan, inz.

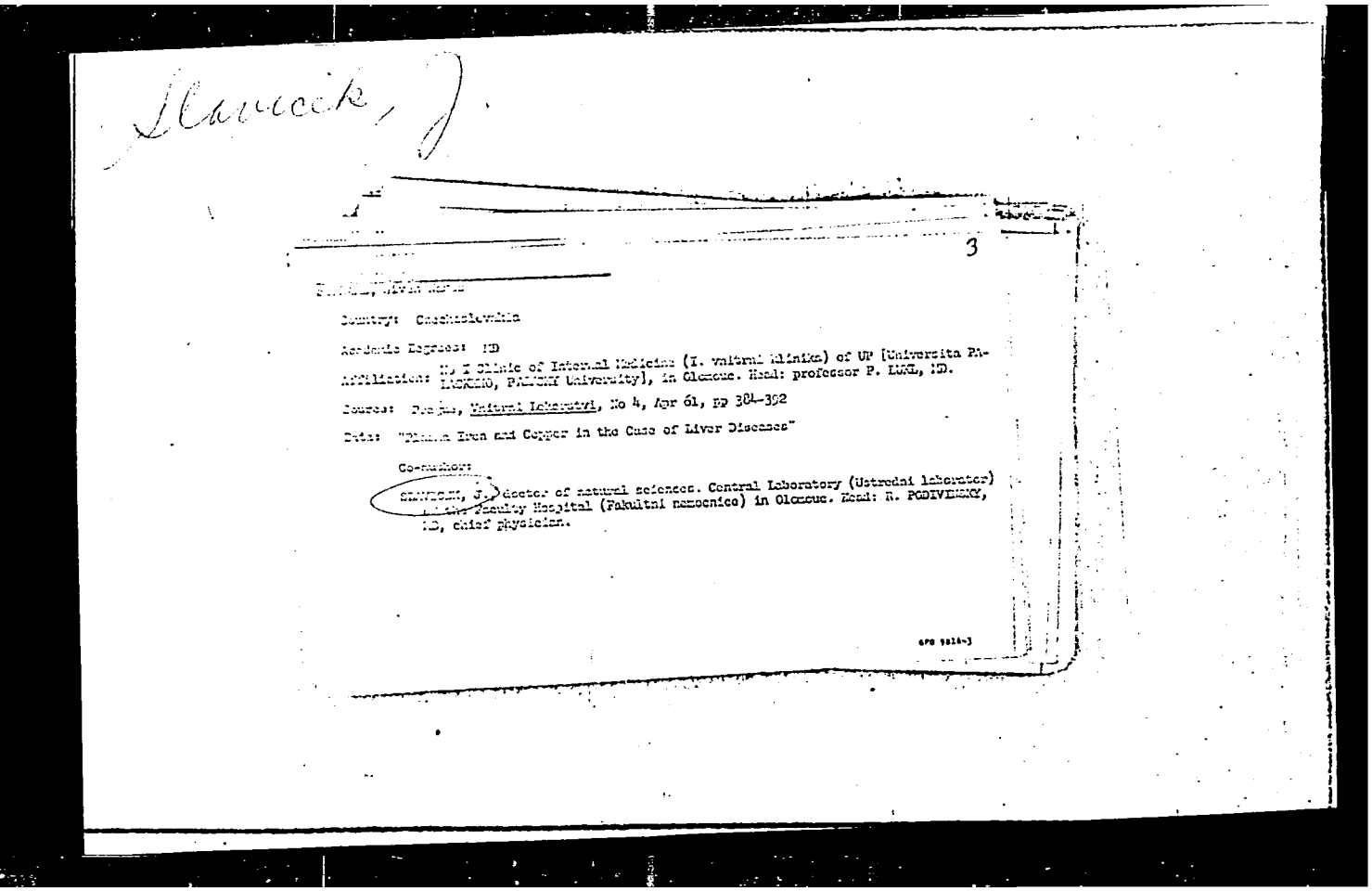
Effect of the input signal characteristics on the design of control circuits. Automatizace 6 no.10:252-253 O '63.

1. Vyzkumny ustav makronolekularni chemie, Brno.

SLAVICEK, Ivan

Dynamic errors of recorders in following chromatographic analyses.
Chem prum 14 no.4:195-197 Ap '64.

1. Research Institute of Macromolecular Chemistry, Brno.



Slavicek, J.

3

[illegible]

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: [illegible] I Clinic of Internal Medicine (I. vnitřní klinika) of UP [Universita Palackého, Palacký University], in Olomouc. Head: professor P. LUKL, MD.

Source: Praha, Vnitřní lekarstvi, No 4, Apr 61, pp 384-392

Data: "Plasma Iron and Copper in the Case of Liver Diseases"

Co-author:

[illegible], J., doctor of natural sciences. Central Laboratory (Ustredni laborator) [illegible] Faculty Hospital (Fakultni nemocnice) in Olomouc. Head: R. PODIVINSKY, MD, chief physician.

[illegible]

SLAVICEK, J.

Effect of nicotinic acid on the isolated frog heart. Sborn. lek. 65 no.5:164-168 My '63.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. Fr. Karasek, DrSc.
(NICOTINIC ACID) (HEART) (ELECTROPHYSIOLOGY)
(PHARMACOLOGY)

L 12964-66

ACC NR: AP6005629 SOURCE CODE: CZ/0079/65/007/002/0128/0129

AUTHOR: Mourek, J.; Pruzkova, V.; Slavicek, J.; Trojanova, M.

ORG: Physiological Institute, Faculty of General Medicine, Charles University, Prague

TITLE: Some aspects of oxidative metabolism of the nervous system in ontogenesis of mammals [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, 128-129

TOPIC TAGS: biologic metabolism, experiment animal, nervous system, phosphorylation, hypoxia, anoxia, biochemistry

ABSTRACT: New-born and very young animals are more resistant to all forms of oxygen deficiency than adult animals. The younger the animal, the greater the possible reduction of oxygen consumption. In young rats, a 70-80% decrease is possible. Oxidation releases biologically utilizable energy. The resistance of new-born animals to hypoxia is probably due to a high glycolytic activity of brain tissue during hypoxia or anoxia. Oxidative phosphorylation in the mammal brain depends on glucose, and administration of glucose protects adult rats from oxygen deficiency; in new-born rats this does not occur because there is already enough lactate and acetacetic acid present to provide this protection.

Card 1/2

L 12964-66
ACC NR: AP6005629

This acid decreases oxygen consumption in adult rats. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 009 / OTH REF: 006
SOV REF: 001

Card 2/2 HW

SIROKY, A.; KREJCOVA, H.; SLAVICEK, J.; HANUSOVA, V.

The irritability threshold of the vestibular apparatus in children and adults. Sborn. lek. 67 no.3894-100 Mr'65.

1. Neurologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: akademik K. Henner); Fyziologicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Karasek, DrSc.) a Ustav hygieny prace a chorob z povolani v Praze (prednosta: prof. dr. J. Teissinger, DrSc.).

MOUREK,J.; PRUZKOVA,V.; SLAVICEK,J.

Effect of short-term fasting on blood sugar during ontogenesis in rats. Sborn.lek. (Praha) 66 no.4:97-104 Ap'64

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze; prednosta: prof.dr.F.Karasek, DrSc.

*

MOUREK, J.; SLAVICEK, J.

Effect of short-term fasting on the glycogen content in the cerebral cortex and liver tissue during ontogenesis in rats. Sborn. lek. 66 no.6:178-184 Je '64

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze; prednosta: prof. dr. F.Karasek, DrSc.

MOUREK,J.; PRUZKOVA, V.; SLAVICEK,J.; TROJANOVA, M.

Some problems of oxidative metabolism of the nervous system in the ontogenesis of mammals. Activ. nerv. sup. (Praha) 7 no.2:128-129 '65

1. Physiological Institute, Faculty of General Medicine, Charles University, Prague. 2. J.Mourek's address: Praha 2, Albertov 2.