PIKKAT-ORDYNSKIY, L. A., Cand Tech Sci (diss) -- "Investigation of the laws of secondary concentration in the foam layer in the flotation of useful minerals". Moscow, 1960. 17 pp (Min Higher and Inter Spec Educ RSFSR, Moscow Mining Inst im I. V. Stalin), 150 copies (KL, No 11, 1960, 124)

PIKKAT-ORDYNSKIY, G.A.

Investigating the regularities of secondary concentration of minerals in the forth layer during the flotation process. Nauch. trudy MGI no. 32:93-112 '60. (MIRA 14:2)
(Flotation)

YEMEL'YANOV, D.S., prof., doktor tekhn. nauk [translator]; LEV, A.L. [translator]; PIKKAT-ORDYNSKIY, G.A., kand. tekhn. nauk, otv. red.; GADZHINSKAYA, M.A., red.izd-va; IL'INSKAYA, G.M., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

[Flotation of minerals] Flotatsiia poleznykh iskopaemykh. Moskva, Gosgortekhizdat, 1962. 213 p. Translated from the English. (MIRA 15:10)

(Flotation)

KLASSEN, V.I.; PIKKAT-ORDYNSKIY, G.A.; VENKOVA, M.D.; ZHENDRINSKIY, A.P.; MATVEYENKO, N.V.; GORODETSKIY, M.I.; YEGIZAROV, A.A.; PECHENKIN, V.V.; SEREGIN, N.V.; KEPP, G.A. YATSENKO, N.N.

Industrial testing of an ejector-type flotation machine for the flotation of ores. TSvet. met. 36 no.4:7-13 Ap '63. (MIRA 16:4)

(Flotation—Equipment and supplies)

PIKKAT-ORDYNSKIY, G.A., kand. tekhn. nauk; GALIGUZOV, N.S., kand. tekhn. nauk

Review of the book "Coal flotation." Ugol' 39 no.8:77-79 Ag '64. (MIRA 17:10)

1. Institut goryuchikh iskopayemykh AN SSSR.

PIKKEL', M.V.

Recurrences of tuberculous meningitis. Vop.okh.mat. i det. 3 no.6:48-53 N-D '58 (MIRA 11:12)

1. Iz kafedry pediatrii (zav.-dots. A.G. Suvorov) Arkhangel'skogo meditsinskogo instituta i detskoy klinicheskoy bol'nitsy (glavnyy vrach M.M. Shiryayeva).
(MENINGES—TUBERCULOSIS)

PIKKEL', M.V., kandidat meditsinskikh nauk

Age peculiarities of tuberculous meningitis treated with streptomycin. Pediatriia no.3:31-34 My-Je '55 (MLRA 8:10)

1. Iz kliniki detskikh bolezney (zav.dotsent A.G.Suvorov) Arkhangel'skogo meditsinskogo instituta.
(TUBERCULOSIS MENINGEAL, ther.
streptomycin, role of age in child)
(STREPTOMYCIN, ther.use
tuberc.meningeal, role of age in child)

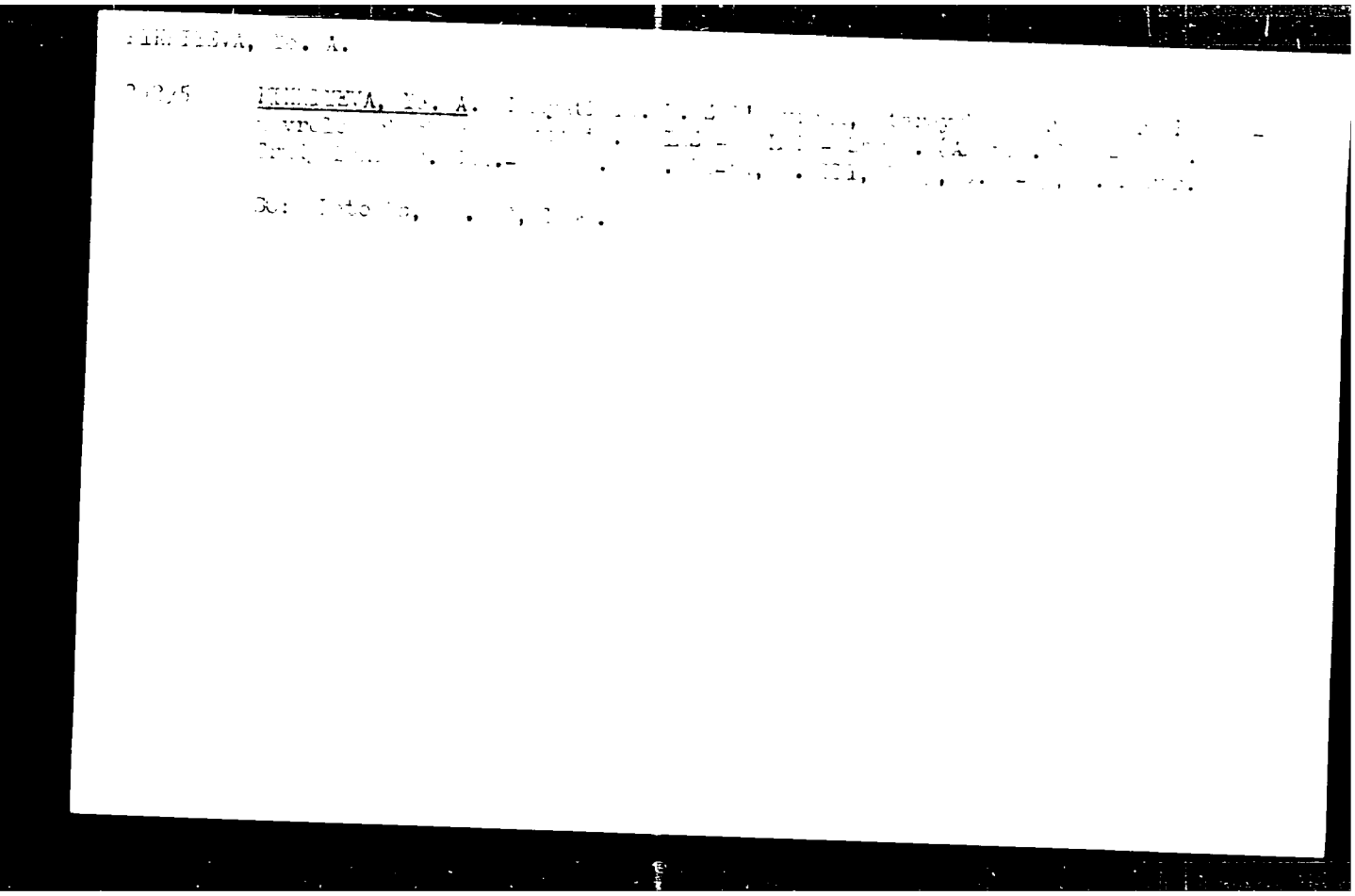
PIKKI[illegible]V, I.

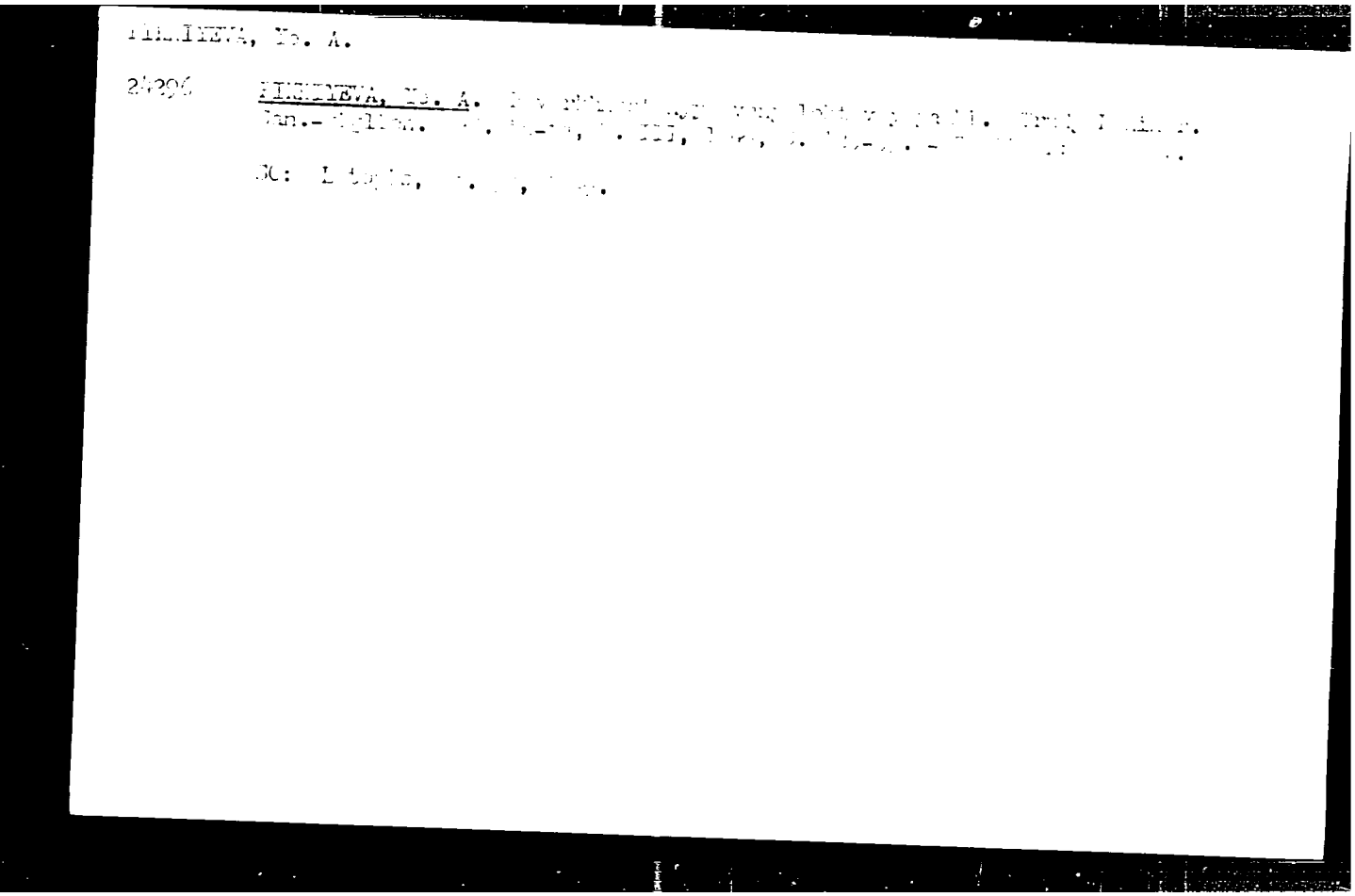
On the bottom of the TSimlyansk Sea. Znan. sila no.6:1-4 Je '53.
(MLRA 6:6)
(TSimlyansk reservoir--Excavations (Archaelogy))

PIKKIYEVA, Ye.A. (Leningrad, D-28, Mokhovaya ul.39, kv.8)

Reference to bibliographical publications on morphology (for assistance to young scientists). Arkh. anat. gist. i embr. 39 no.8:114-117 Ag '60. (MIRA 13:11)

(BIBLIOGRAPHY—ANATOMY)





L 6945-65 EWT(1)/EPF(n)-2/EWG(v)/EPR/EWA(h)/EWA(m)-2 Pe-5/Pe-4/Pu-4 WW
ACCESSION NR: AP4033602 S/0119/64/000/004/0030/0030

AUTHOR: Pikkov, O. M. (Engineer) 58

TITLE: Level signaling device for conducting liquids

SOURCE: Priborostroyeniye, no. 4, 1964, 30

TOPIC TAGS: level guage, liquid level guage, liquid level signaling device, transistorized liquid level signal

ABSTRACT: A new device (Author's Certificate no. 799257/26-10 of 22Oct62) for signaling one level of a liquid in a vessel, such as a tank, boiler, etc., is described. A transistorized oscillator is inductively coupled to an RL circuit which includes the liquid. An electrode, insulated from and mounted in the tank wall, is intended to check the desired level (see Enclosure 1). When the liquid reaches that level, the RL circuit is closed, thereby inserting a resistance in the oscillator circuit sufficient to stop oscillations. A distinguishing feature of the device, according to the author, is that no current passes through the liquid, thus eliminating all electrolysis troubles usually encountered in such devices. Orig. art. has: 2 figures.

Card 1/3

PIKKOV, O. M.

Level indicator for conducting fluids. Priborostroenie no. 4: 30 Ap '64. (MIRA 17:5)

L 26674-66 EWT(d)/EWP(h)/EWP(1)
ACC NR: AP6009551 SOURCE CODE: UR/0413/66/000/005/0093/0094

AUTHORS: Amel'kovich, I. I.; Artamonov, Yu. G.; Dyatlov, Ye. S.; Magirovskiy, N. P.; Novozhilov, Yu. I.; Orlov, S. F.; Pikkuvirta, P. O.; Podkovyrin, A. I.; Polyachenko, V. A.; Senchenko, L. P.; Fedoseyev, O. V.; Shubin, L. V.

ORG: none

TITLE: Machine for gathering, hauling, and transportation of felled trees. Class 45, No. 179539 [announced by Onega Tractor Factory (Onezhskiy traktornyy zavod); Leningrad Kirov Factory (Leningradskiy Kirovskiy zavod); Leningrad Forestry Technical Academy im. S. M. Kirov (Leningradskaya lesotekhnicheskaya akademiya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 93-94

TOPIC TAGS: tractor, forestry, forestry product

ABSTRACT: This Author Certificate presents a machine for hauling, gathering, and transporting felled trees, consisting of a mono-axle tractor, semitrailer with steering axle connected with the tractor by a universal joint, and a hoist. To insure a continuous pick-up of felled trees and their loading on the machine, the latter is equipped with a movable boom, to the end of which is attached a pincer clamp. To improve the maneuverability of the machine, the movable boom is mounted on the tractor frame and the pick-up device on the frame of the semi-trailer. To

Card 1/2

UDC: 629.114.4:634.0.377.4

L 26674-66
ACC NR: AP6009551 O

prevent damage to the movable parts, the latter are protected by means of pipe fastened above the saddle hitch device. To facilitate the loading of large packets of trees, a pulley is attached to the protective pipe (see Fig. 1).

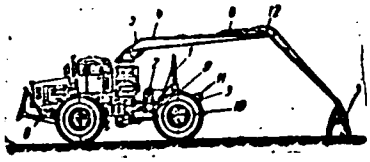


Fig. 1. 1 - pick-up assembly; 2 - hoist; 3 - saddle-hitch device; 4 - movable boom; 5 and 6 - power cylinders; 7 - pincer clamp; 8 - mono-axle tractor; 9 - semitrailer; 10 - steering axle of semitrailer; 11 - protective pipe; 12 - pulley.

Orig. art. has: 1 diagram.

SUB CODE: 13,02/ SUBM DATE: 15Jun64

Card 2/2 BLG

MYACHI, Martin, brigadir-polevod; EVERT, Nikolay; PIKLA, Yan [Pikla, Jaan]

Collective management of a state farm. Sov. profsoiuzy 18 no.6:5-6 Mr '62. (MIRA 15:3)

1. Chleny postoyannogo soveshchaniya sovkhoza "Kodila", Estoniya (for Evert, Pikla).
(Estonia--State farms--Management) (Works councils)

PIKLER, A.

The isolation of hemicelluloses. A. Pikler, M. Jambrich, and A. Blažová (Katedra chem. techn. dreva umelých vláken SVŠT, Bratislava, Czech.). *Chem. Zvesti* 9, 83-92 (1955).—Hemicelluloses (I) can be removed from the brown liquor of viscose fiber by pptn. with $CuSO_4$ or less effectively by $Pb(OAc)_2$, $Ca(OH)_2$, $Ca(OAc)_2$, $Al(ONa)_3$, and $Ba(OH)_2$, or by chemisorption on powd. $Ca(OH)_2$ and active C (II). The max. adsorption of I was 79.2% if the ratio of II to NaOH is 1:8.

Jan Micka

6
2
2 mey
② [illegible]

PIKLER, A.

[illegible] BIOLOGY

PERIODICAL: [illegible], Vol. 4, No. 12, Dec. 1958

Pikler, A. Contribution to the study of hemicelluloses isolated from effluents in the production of viscose-fibers. p. 107.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. , May 1959, Unclass.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Instruments and Automation H-3

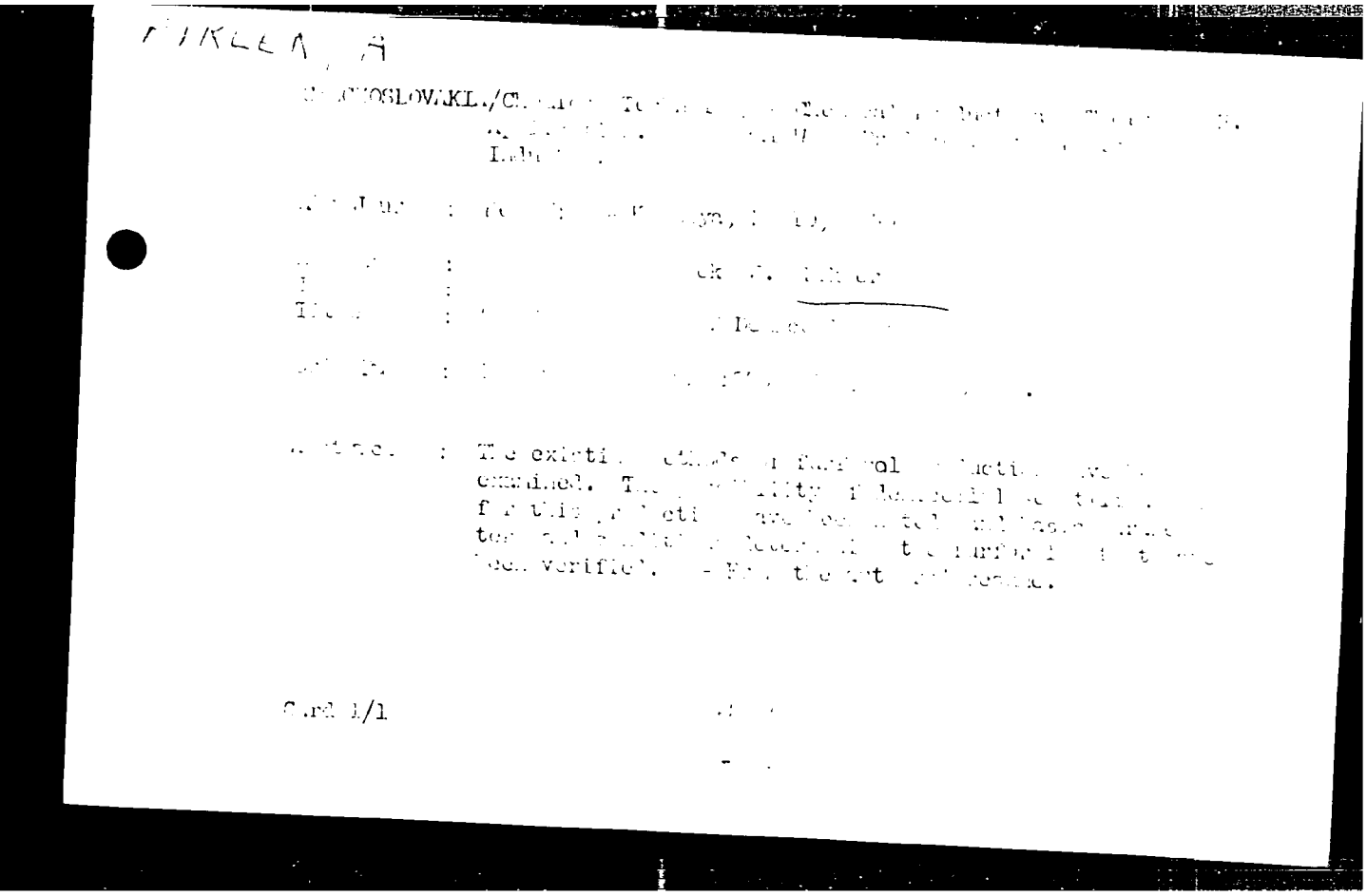
Abs Jour : Ref Zhur - Khim., No 24, 1958, No 81903

Author : Jambrich M., Pikler A., Klokner G.
Inst : -
Title : Automatic Determination of CS_2 Concentration in the Effluent Gases of Chemical Industry

Orig Pub : Chem. zvesti, 1956, 10, No 7, 468-475

Abstract : No abstract

Card : 1/1



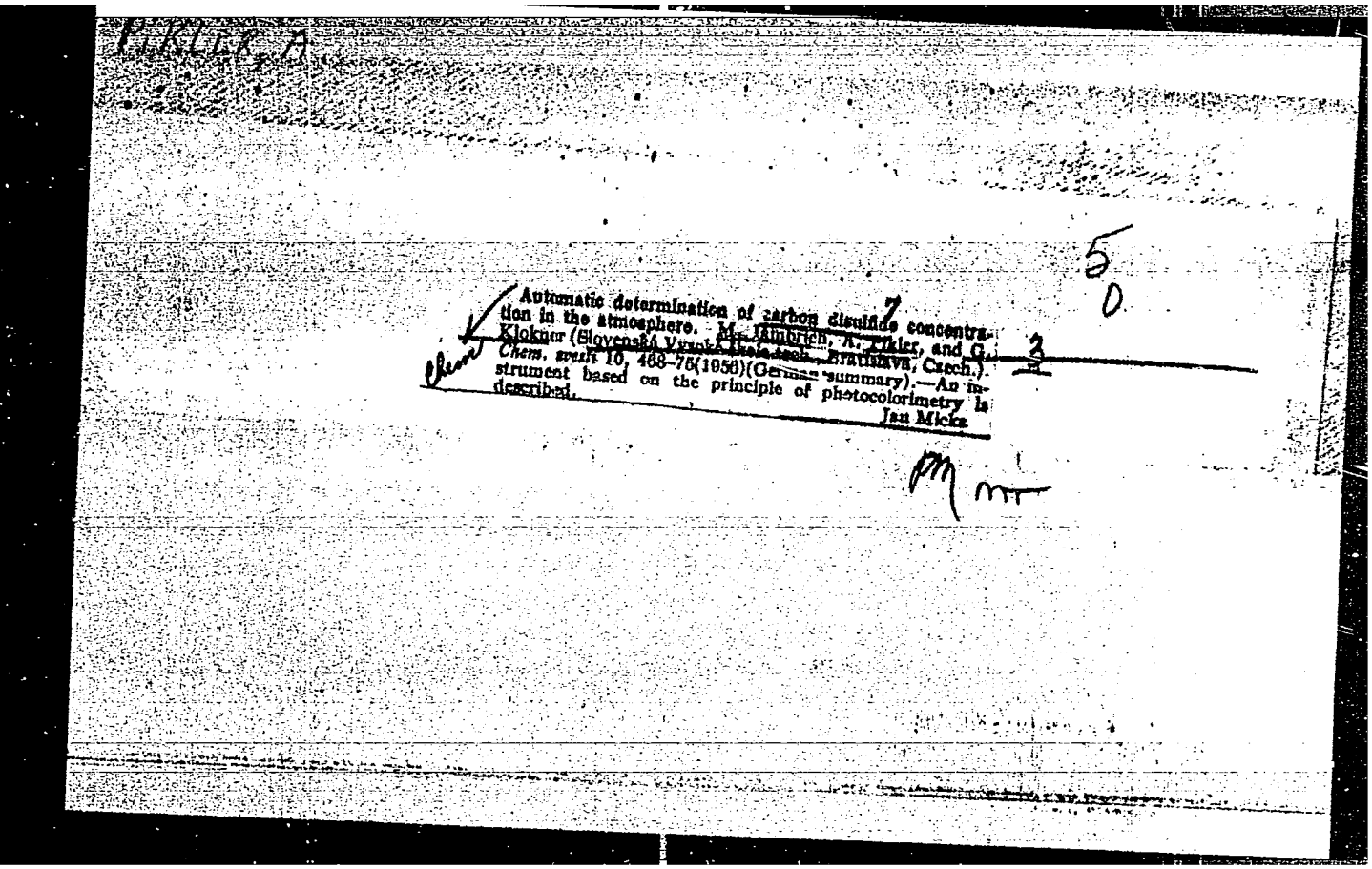
Card 1/1

PIKLER, A.

Automatic control of CS_2 concentration in the atmosphere of chemical enterprises.

p. 468 (CHEMICKE ZVESTI) Vol. 10, no. 7, Sept. 1956, Bratislava, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958



Automatic determination of carbon disulfide concentration in the atmosphere. M. Jaumbrich, A. Fikler, and G. Klokner (Slovenská Vysoká Škola techn., Bratislava, Czech.). *Chem. zvesti* 10, 468–76(1956)(German summary).—An instrument based on the principle of photocolorimetry is described.

Jan Micka

PIKLER, A.; JAMBRICH,M.; BAJZOVA, A.

Problem of isolation of hemicellulose. p. 53. Vol. 9, no. 1, Jan. 1955. Chemicke Zvesti.

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

PIKLER, A.; RISA, V.; JAMBRICH, M.

"Contribution to the Acetylization of Wood Cellulose", P. 356,
(CHEMICKE ZVESTI, Vol. 8, No. 6, June 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

PIKLER, A.

CZECH

Acetylation of wood cellulose. V. Pik, M. Jambrich, and A. Pikler (Slovenská Vysoká Škola tech., Chem. tech. drevo, Bratislava, Czech.). Chem. Zvesti 8, 358-66(1954). —Favorable conditions for acetylation (I) of wood cellulose and the changes during reaction were studied microscopically and by the decrease of acidity. Lower homologs of cellulose and hemicellulose (sol. in 18% NaOH) are acetylated immediately in the first phases of the reaction and dissolved in AcOH with rapidly decreasing acidity. The intermicelle area is loosened and the speed of diffusion of Ac_2O into the fibrils is increased in accordance with Fick's law: $ds = -Dq(\delta c/\delta x)dt$, where ds is the amt. of diffused matter. Soln. of acetylcellulose (II) can be expressed as: $dc/dt = kO(C_s - C)$, where C_s is decrease in II, C is concn. of AcOH, and O is area of reaction surface. The reaction surface is directly related to the speed of II soln. The concn. of lower polymers is related to the speed of I, but only in the 1st hr. of I. Later on as the concn. of Ac_2O is decreased there is increase in II, and retarding effect on I by lower polymers is noticeable. In the 4th hr., a sulfoester, formed in the first phase of reaction, is sapond. Thereafter the reaction mechanism is changed and the speed of sapon. of sulfoester increases. The reaction const. for wood cellulose, contg. 91.7% α-cellulose and 3.3% lower polymers at 35°, is: $K = 1887 \times 10^{-3}$.

Jan Micka

LJH

H

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Artificial and Synthetic*

ABS. JOUR. : [illegible] No. 84385

AUTHOR : [illegible]

TITLE : Study of Hemicelluloses Derived from Pressed [illegible] Obtained from Viscose Manufacture

ORIG. PUB. : [illegible], 661-665

ABSTRACT : [illegible]

*Fibers.

1/1

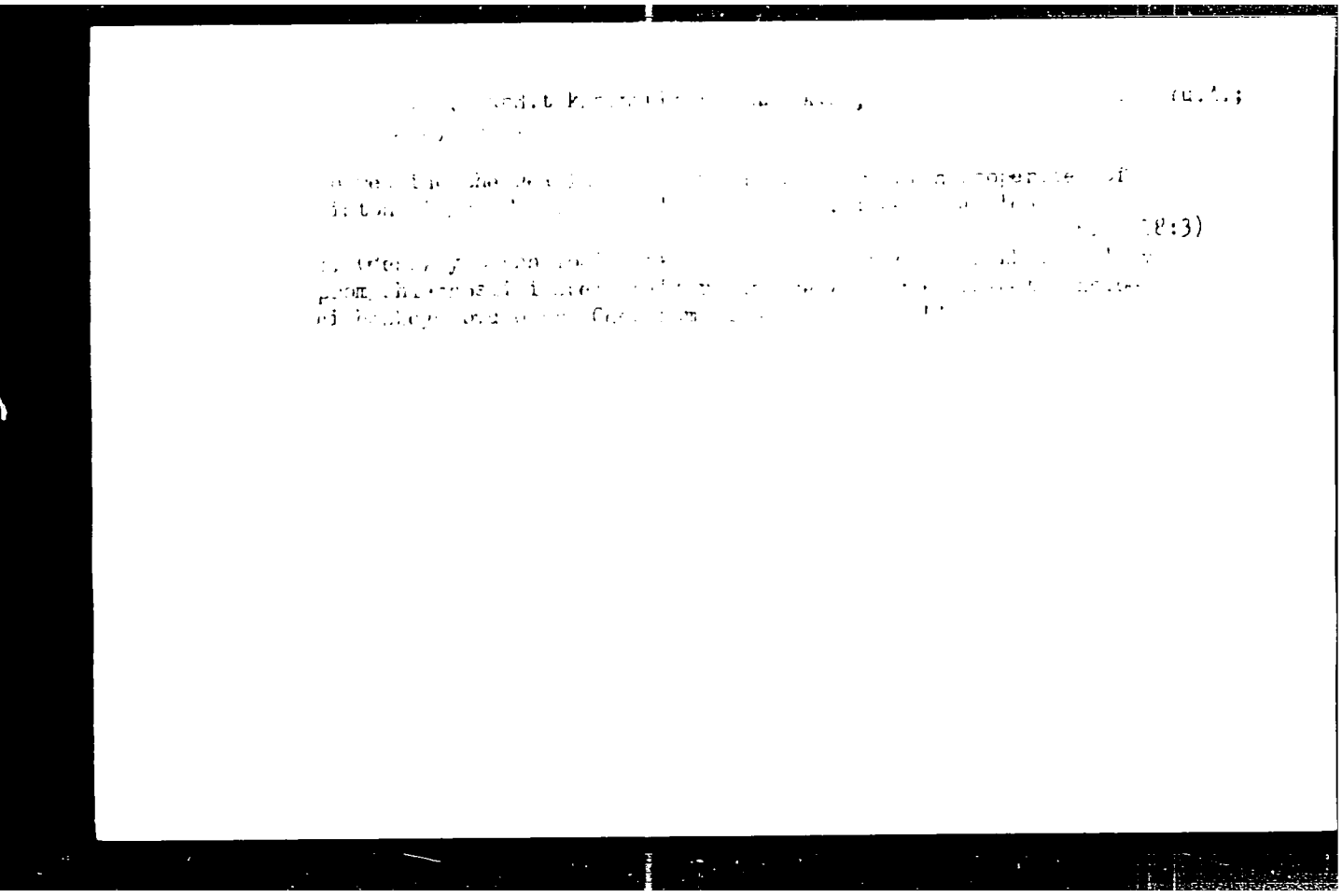
HUNGARY

PETER (Mrs), PIKLER, Emmi, Dr; National Institute for the Care of Infants and Small Children, and Pedagogic Methodology (director: PETER (Mrs), PIKLER, Emmi, Dr) (Orszagos Cseosemo es Kisgyermek-gondozo es Nevelesi Modszertani Intezet).

"Data on the Development of Locomotion in Infants."

Budapest, Orvosi Hetilap, Vol 107, No 46, 13 Nov 66, pp 2172-2178.

Abstract: Some data on the development of locomotion in 736 normal, healthy infants are reported. These children were supplied with suitable clothing, adequate toys and space but received no help in learning skills from adults. It was concluded that the infants acquired new forms of locomotion (turning, sitting, standing, etc.) without any help. The various stages were reached, in general, at about the same age as reported in the literature for infants who received help from adults. It is also suggested that children who acquire the various skills of motion without aid will, in general, develop more economical, steady, harmonic, coordinated motions; although they are very brave in their move-

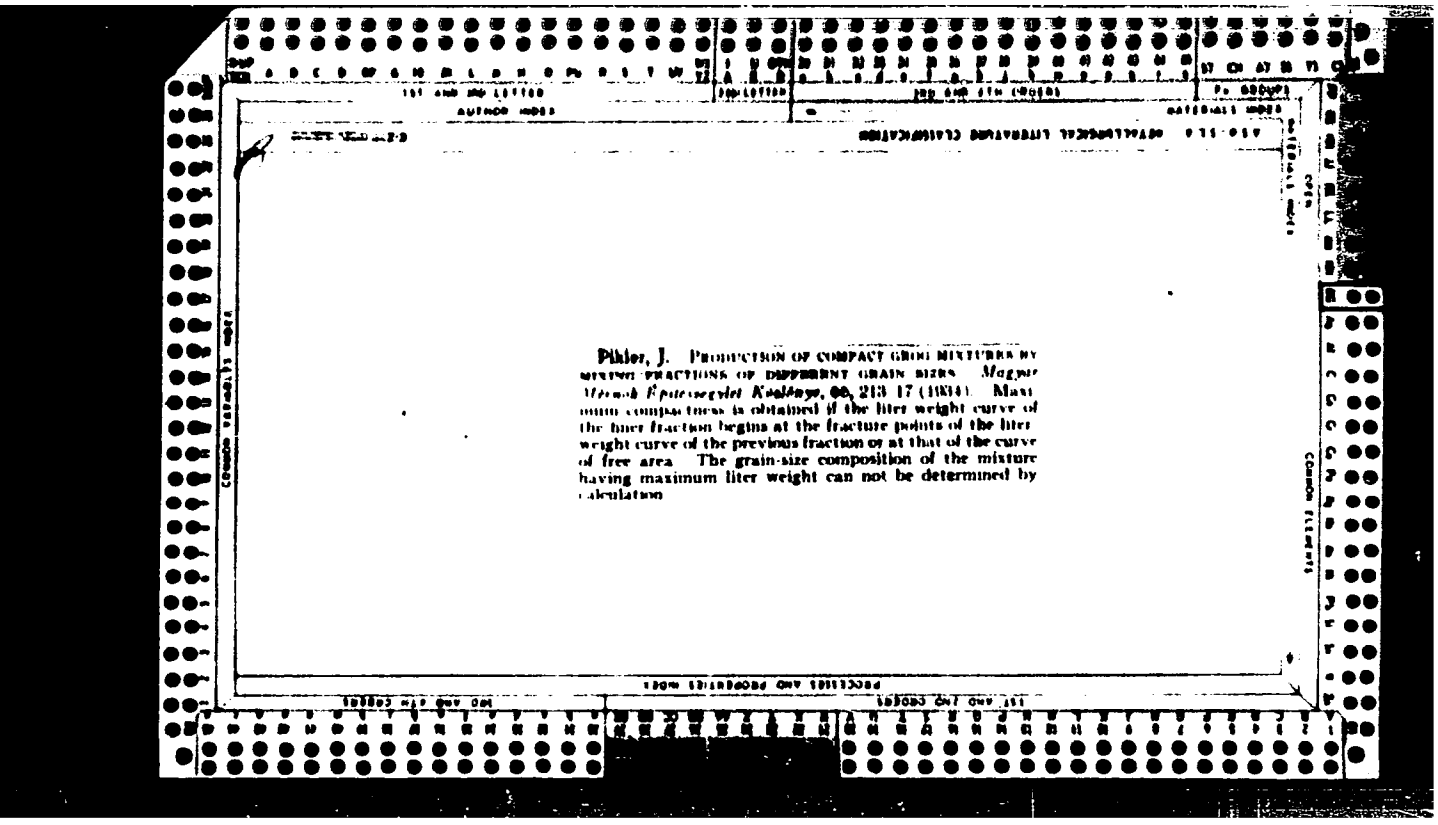


PIKLER, Ferenc

OSZTROVSZKY, Gyorgy; Schiller, Janos; PALFI, Laszlo, okleveles villamosmernok; BOZSIK, Ferenc; GYORI, Attila, okleveles villamosmernok, foenergetikus; VARGA, Endre, okleveles gepeszmernok; TURAN, Gyorgy, okleveles gepeszmernok; SZEMDY, Karoly, dr., tervezo konstruktor; KOVACS, Ferenc, okleveles villamosmernok; CSILY, Jeno, foiszpecser; BEREZNAY, Frigyes, fomernok; PALOS, Ferenc, okleveles gepeszmernok; FILARSZKY, Zoltan, okleveles gepeszmernok; NEMETH, Imre, okleveles villasmosmernok, fomernok; ALPAR, Imre, okleveles gepeszmernok, foenergetikus; GATI, Geza, okleveles villamosmernok; BEKE, Gyula, okleveles gepeszmernok; VISNYOVSZKY, Endre, foeloado; VERKITS, Gyorgy, okleveles villamosmernok, fomernok; FUTO, Istvan, oklevels gepeszmernok; NAGY, Karoly; PIKLER, Ferenc; SZEPESSY, Sandor, okleveles gepeszmernok; NADAY, Zoltan, okleveles gepeszmernok, fotechnologus; BUCHHOLCZ, Janos, okleveles gepeszmernok, fomernok

An account of the 11th itinerant meeting of the Hungarian Electrotechnical Association held in Pecs, July 18-20, 1963. Energia es atom 16 no.12:559 D '63.

(Continued on next card)



Pihler, J. PRODUCTION OF COMPACT GRIND MIXTURES BY MIXING FRACTIONS OF DIFFERENT GRAIN SIZES. *Magyar Mérnök Épitészegylet Közlönye*, 66, 213-17 (1934). Maximum compactness is obtained if the liter weight curve of the finer fraction begins at the fracture points of the liter weight curve of the previous fraction or at that of the curve of free area. The grain-size composition of the mixture having maximum liter weight can not be determined by calculation

PROCESSES AND PROPERTIES INDEX

Production of compact grog mixtures by mixing fractions of different grain sizes. János Pikler. *Magyar Mérnök Építészegylet Közlönye* 66, 213-17(1934).—Max. compactness is obtained if the liter-wt. curve of the finer fraction begins at the fracture points of the liter-wt. curve of the previous fraction or at that of the curve of free area. The grain-size compn. of the mixt. having max. liter wt. cannot be detd. by calcn. S. S. de Finály

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

Co

12

Milk preparation. László Pikler. Hung. 122,[illegible], Nov. 15, 1939. Fresh or condensed milk is mixed with substances (dextrin-maltose, betaine chloride) that ppt. proteins on heating. Ca salts (lactate or hydrolactate) may be added to obtain an infant food.

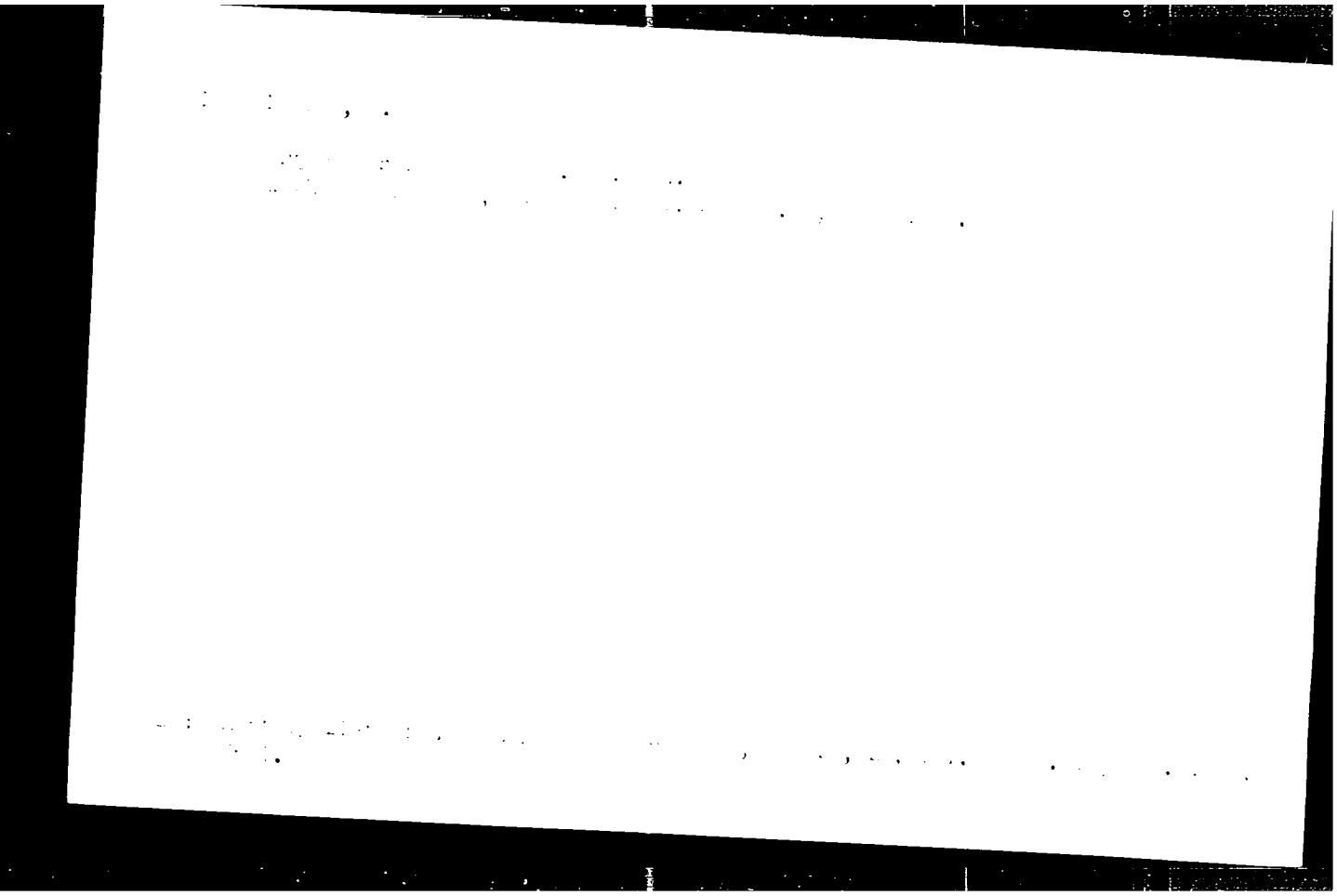
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

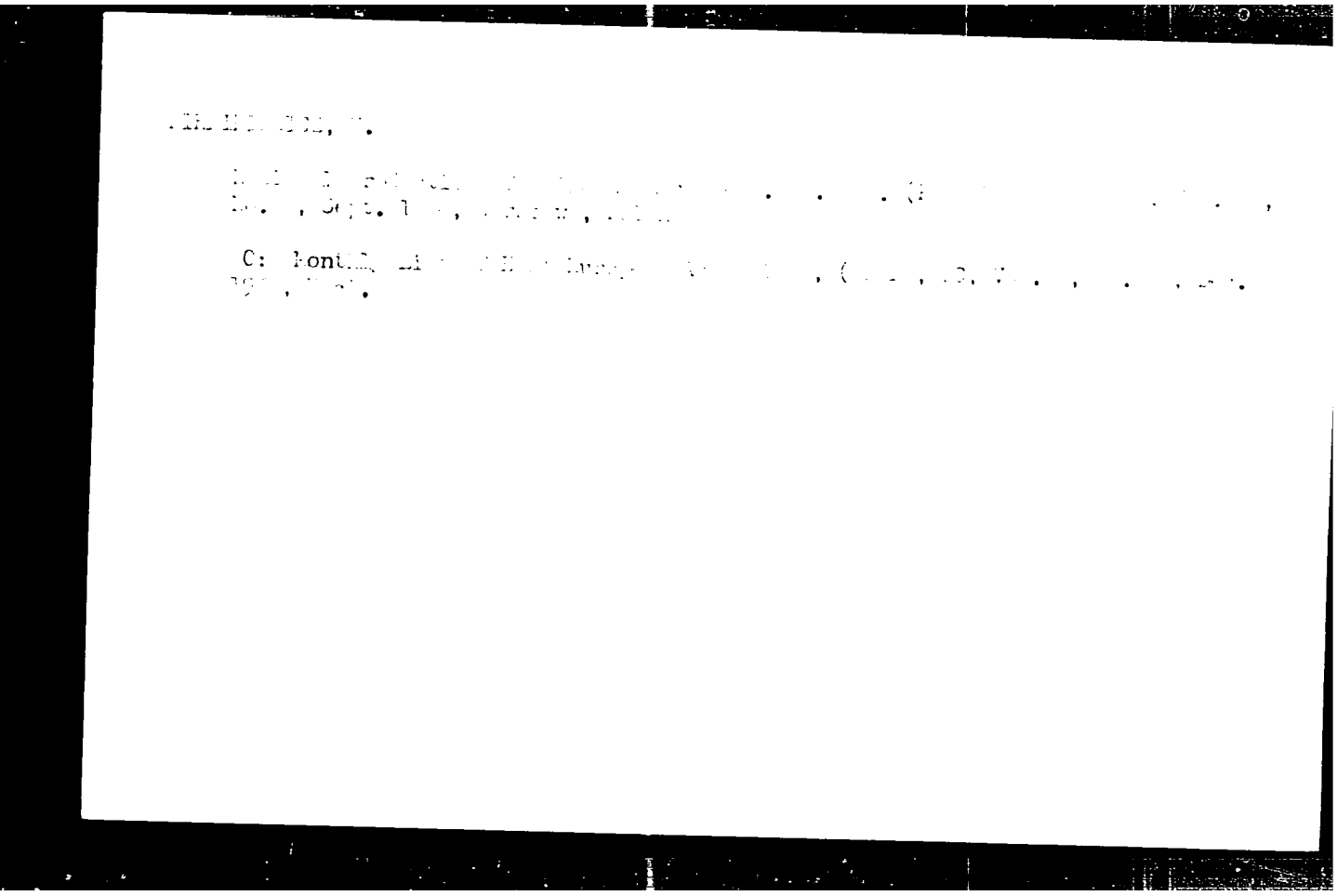
GUSARSKAYA, I.L., kand.med.nauk; BALANOVA, T.B.; NEVEROVA, Ye.I.; PIK-LEVONTIN, E.M., kand.biologicheskikh nauk

Work of a diagnostic enterology department. Vop. okh. mat. i det. 7 no.3:69-73 Mr '62. (MIRA 15:5)

1. Iz Leningradskogo pediatricheskogo nauchno-issledovatel'skogo instituta (dir. - zasluzhennyy RSFSR L.S.Kutina) i Detskoy infektsionnoy bol'nitsy Leninskogo rayona (glavnyy vrach - zasluzhennyy vrach RSFSR A.M.Belyayeva).

(GASTROENTEROLOGY)





PIKLIKIEWICZ, Henryk

Export for the sake of import. Przegl techn 79 Special issue: 273-274 Je '61.

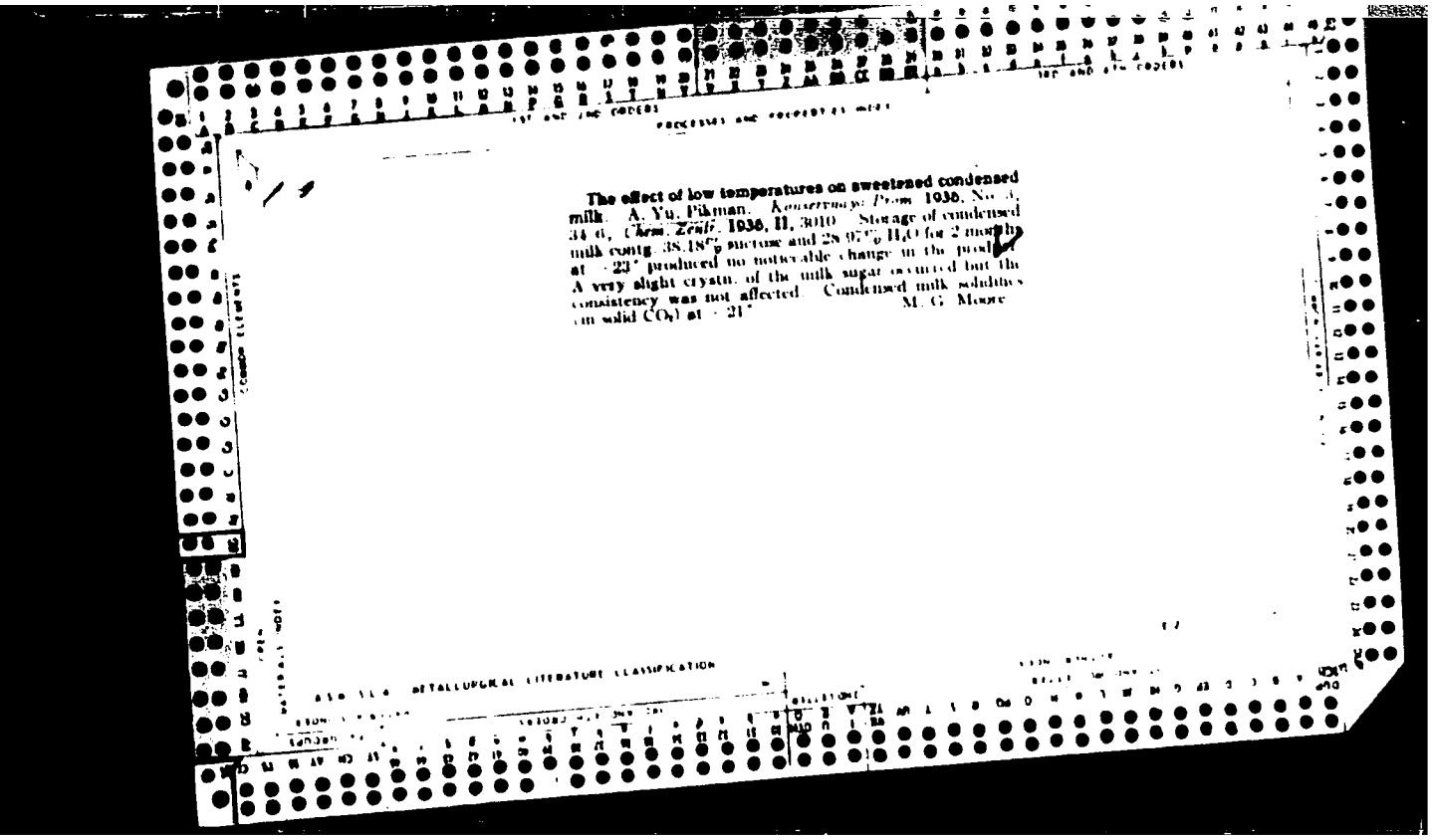
OLSZOWSKI, Tadeusz, mgr., inz.; PIKLIKIEWICZ, Zbigniew, inz.

Die casting in Czechoslovakia. Przegl odlew 11 no.10:310-314 '61.

PIKLIKIEWICZ, Zbigniew

Production of castings for electric motors using the ingot mold casting method. Problemy proj hut maszyn 10 no.5:135-139 My '62.

1. Prozamet, Gliwice.



The effect of low temperatures on sweetened condensed milk. A. Yu. Pikman. *Консервная Пром.* 1936, No. 34 6; *Chem. Zentr.* 1936, II, 3010. Storage of condensed milk contg. 38.18% sucrose and 28.97% H_2O for 2 months at −23° produced no noticeable change in the product. A very slight crystn. of the milk sugar occurred but the consistency was not affected. Condensed milk solidifies on solid CO_2 at −21°. M. G. Moore

PRIBYTKOV, N.; PIKMAN, D.; VASIL'YEV, A.

Members of cooperative societies are studying. Prom.koop. 13 no.3:31 Mr '59. (MIRA 12:4)

1. Rukovoditel' kruzhka konkretnoy ekonomiki, predsedatel' pravleniya arteli "Elektrotekhnika," Leningrad (for Pribytkov). 2. Direktor mezhoblastnogo uchebno-kursovogo kombinata oblpromsoveta, Simferopol' (for Pikman). 3. Starshiy instruktor otdela orgrevizionnoy raboty i kadrov oblpromsoveta, Smolensk (for Vasil'yev).
(Vocational education)

LYAPUNOV, B.; PIKMAN, I. [translator]

In the world of dreams. IUn.tekh. 2 no.8:38-41 Ag '58.
(MIRA 12:7)

(Synthetic products)

PIKMAN, I.

Classification of industrial buildings according to explosion hazards. Pozh.delo 6:12-13 Mr '60. (MIRA 13:6)

1. Glavnyy energetik Transzavodproyekta.
(Factories--Fires and fire prevention)
(Explosions)

PIKMAN, I.Ya., inzh.

Nonclerestory roofs for industrial buildings of transportation systems. Transp. stroi. 14 no.5:27-29 My '64. (MIRA 18:11)

PIKMAN, I.Ya., inzh. (Khar'kov); KRAMNIK, I.N., inzh. (Khar'kov)

Repair shops with high standards of production. Zhel. dor. transp. 47 no.9:57-61 S '65. (MIRA 18:9)

PIKM..., ...

"Handbook on electric lighting networks" by L.A. Rutkevich.
Reviewed by I.IA Pikman. Prom. energ. 19 no.6:46 Je'64
(MIRA 17:7)

PIKMAN, I. Ya., inzh.

Electric lightning systems in paint shops and drying and impregnating departments. Svetotekhnika 7 no.5.11-13 My '61. (MIRA 14:6)

1. Transzavodproyekt, Khar'kov.
(Paint shops--Lighting)
(Electric wiring, Interior--Safety measures)

PIKMAN, I.Ya., inzh.

Electric lighting of rooms in the presence of an explosive substance.
Svetotekhnika 8 no.2:21-25 F '61. (MIRA 15:1)

1. Transzavodproyekt, g. Khar'kov.
(Electric lighting--Safety measures)

PIKMAN, I.Ya.

Methods for calculating the electrical loads of industrial enterprises. Prom. energ. 18 no.10:35-38 O '63. (MIRA 16:10)

PIKMAN, I. Ya., inzh.

Electric equipment for oil delivery systems. Elek. sta. 31 no. 3:68-69 Mr '60. (MIRA 13:8)
(Petroleum as fuel)

PIKMAN, I.Ya., inzh.

Electric equipment in paint shops. Prom.energ. 13 no.4:26-27 Ap '58. (MIRA 11:4)

1.Transzavodproyekt.
(Painting, Industrial--Equipment and supplies)

PIKMAN, I.Ya.

Explosion hazardous medium in Class V-Ir premises. From.energ. 16 no.6:37-38 Je '61. (MIRA 15:1)
(Explosion) (Electric apparatus and appliances--Safety measures)

AUTHOR: Pikman, I.Ya., Engineer 94-4-14/25

TITLE: Electrical Installations in Paint Shops (Ob elektroustanovkakh v malyarnykh tsekhakh)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, No.4, pp. 26 - 27 (USSR).

ABSTRACT: The selection of electrical equipment for paint shops is a contentious problem. Different authorities have different rules about the degree of explosion and fire risk in paint shops and all sorts of anomalies can arise. For example, the lighting system may be fully flameproof whilst infra-red paint drying equipment is permitted. Numerous inconsistencies of this kind are quoted, particularly with reference to ventilation arrangements for reducing the fire risk. It is concluded that standard rules should be prepared for electrical installations in paint shops, to avoid unnecessary expenditure on flameproof equipment. Experimental work should be undertaken to develop convenient methods for establishing explosion and fire risk under practical conditions.

ASSOCIATION: Transzavodproyekt

AVAILABLE: Library of Congress

Card 1/1

ADAMCHIK, K., kand. tekhn. nauk; PIKMAN, L., inzh.

Finishing exterior wall slabs. Zhil. stroi. no.2:17-18 '62.
(MIRA 16:1)

(Vladivostok—Facades)

FIKSEN, L., inzh.

Preparatory operations. Mekh. stroi. no.6: [illegible].

(Mechanization—Building)

FIDMAN, L., inzhener.

Stand for aligning panels. Stroitel' no.7:19 Jl '57.
(Concrete slabs)

PIKMAN, L.Ya., inzh.

Increasing the productivity of a precast reinforced concrete shop without enlarging the production area. Nov. tekh. i pered. op. v stroi. 19 no.9:27-28 S '57. (MIRA 10:11)
(Frunze--Concrete plants)

PIKMAN, M., doc., inz., CSc.

"Artificial drafts and fly ash removal in boiler rooms" by S. Martinec. Reviewed by M. Pikman. Strojirenstvi 13 no.7:557 Jl '63.

PIKMAN, I. B.

FANTALOV, L.I., professor, doktor; KUMANIN, I.B., dotsent, kandidat tekhnicheskikh nauk; ISAKHANYAN, N.T., dotsent, kandidat tekhnicheskikh nauk; PIKMAN, R.G., inzhener.

Slag inclusions in machine casting. Sbor.Inst.stali no.32:202-235 '54. (MLRA 10:5)

Kafedra liteynogo proizvodstva.
(Die casting--Quality control)

PIKNA, E.; HORVATH, S.

New VUS fluxes. p.261.

ZVARANIE. (Ministerstvo hutneho priemyslu a rudnych bani a Ministerstvo stro'arenstva)
Bratislava, Estonia.
Vol. , no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11.
November 1959

Uncl.

PIKNA, E.

Automatic welding of industrial cutting tools and restoration of railroad wheel flanges by weld deposits. p. 263.
ZVARACSKY SBORNIK, Bratislava, Vol. 3, no. 3/4, 1954. (Svaracsky sbornik)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

PIKNA, F.

Some results of automatic welding of steel for tools, p. 39, ZVARANIE (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva) Bratislava, Vol. 3, No. 2, Mar. 1954

SOURCE: East European Accessions List (EAL) Library of Congress, Vol. 4, No. 12, December 1955

[illegible], E.

Welding conference in Weimar. p. 65.

Vol. 5, no. 3, Mar. [illegible]
[illegible]
Bratislava, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, no. [illegible], August [illegible]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012408

PIKNA, Eduard, inz

New filling material for automatic welding. Zvaranie 12 no.8:218-223 Ag'63

1. Vyzkumny ustav zvaransky, Bratislava

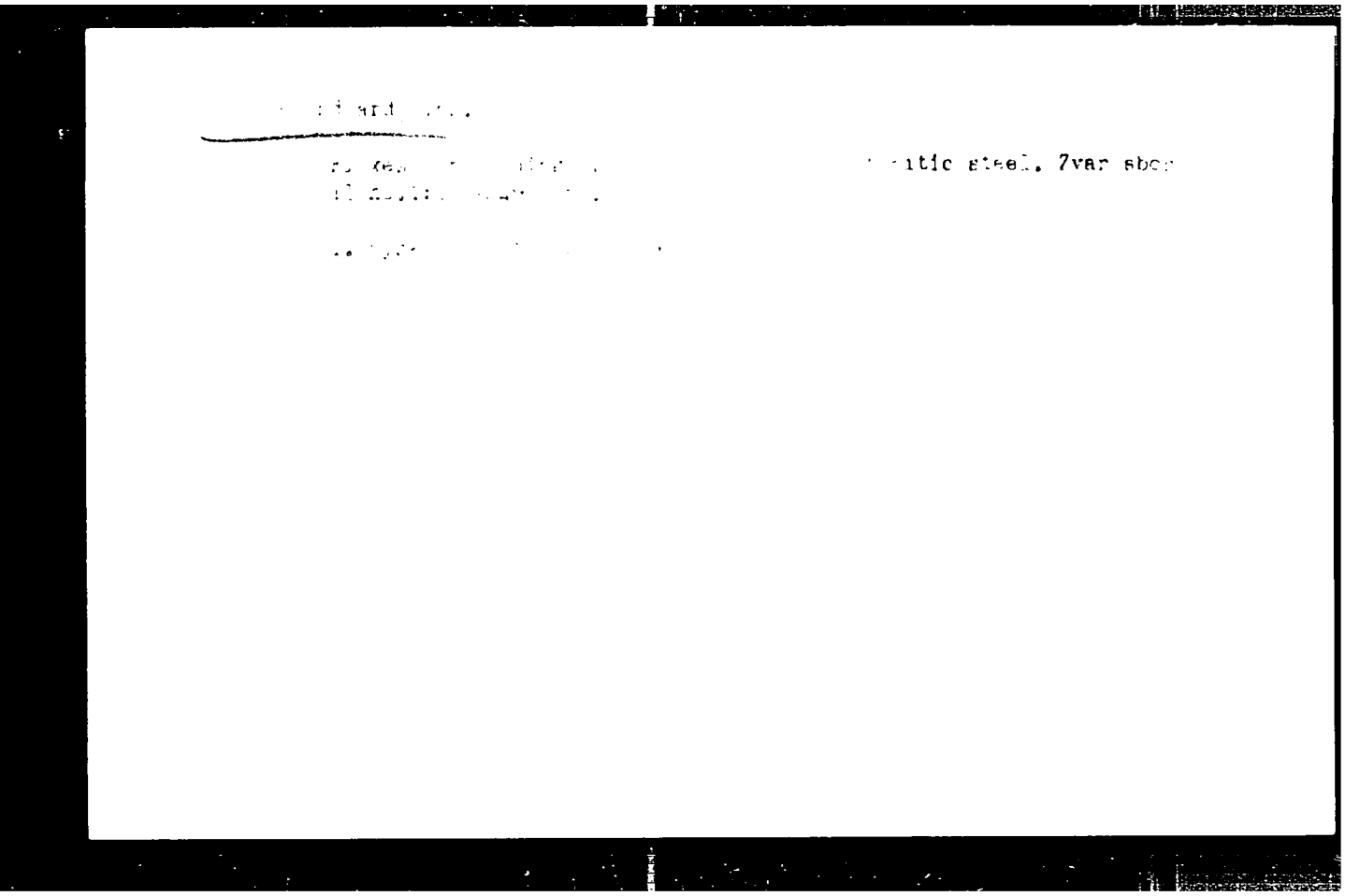
PIKNA, B.

Factors influencing the formation of the bead during electric-slag welding.
p. 194.

ZVARACSKY SBORNIK. (Slovenska adademie vied)
Bratislava, Czechoslovakia. Vol. 8, no. 2, 1959.

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960.

Uncl.



Z/046/62/000/004/001/001
E112/E492

AUTHOR: Pikna, Eduard, Engineer

TITLE: Fluxes for welding austenitic high-alloy steels

PERIODICAL: Zváračský sborník, no.4, 1962, 428-449

TEXT: The article reviews new welding fluxes for welding high-alloy steels, particularly welding of austenitic Cr-Ni steels. The work follows closely research in the Soviet Union where two main types of fluxes for high-alloy steels were developed: basic fluxes, based on CaF_2, Al_2O_3 and occasionally also CaO or MgO; oxygen-free fluxes, based on CaF_2, with or without NaF, recommended exclusively for d.c. welding. A detailed study of both types of welding fluxes, with special reference to operations with a.c. is given. Different fluorides are compared such as NaF, LiF, CaF_2, BaF_2 and cryolite. NaF, LiF and cryolite are unsatisfactory owing to low melting point and low temperatures of evaporation. MgF_2 gave somewhat inferior results to CaF_2. BaF_2 proved outstanding and assisted in dross removal. The effects of the different flux components on the oxidation of Cr, Ti and V in the weld metal were studied. Oxygen-free compounds

Card 1/4

Fluxes for welding ...

(fluorides) gave the best results and only oxides of very high thermal stability were comparable. Fluorides, on the other hand, showed the disadvantage of irregular welding arcs, owing to their high ionization potentials, and had to be compensated by additions of Na_2O, K_2O, Al_2O_3, CaO, MnO or MgO. Formation of pores in the weld was prevented by using a combination of fluorides with SiO_2 (intermediate formation of SiF_4) and TiO_2. According to the author, welding fluxes for high-alloy austenitic steels should contain the following: CaF_2, BaF_2 and also Al_2O_3, CaO, MgO, Na_2O, K_2O, TiO_2 and SiO_2. Four new types of welding fluxes were developed. Two compositions, designated 3BaF and 4FA respectively gave outstanding results in tests and under practical welding conditions. Their chemical composition (in %) is shown in the table. Results: 1) Operational characteristics of 3BaF and 4FA are practically identical; they are suitable for d.c. and a.c. 2) Compared to former products, 3BaF and 4FA reduced losses of weld metal Cr by 2 to 3%. No burning losses occurred with Nb. Losses of Ti were, although reduced, still considerable. Mechanical properties of the welds, including corrosion resistance,

were entirely satisfactory. 4) Metallographic properties of the weld faces were interpreted by means of the Schaeffler diagram, computed from measurements of the ferromagnetic phase. 5) Resistance against intercrystalline corrosion was determined by boiling a weld sample for 24 hours in a solution of $CuSO_4$, copper turnings, H_2SO_4 and water, followed by bending to an angle of 90° and examining visually all the cracks which may have formed. The same tests were undertaken with weld samples which had undergone a preliminary heating for 2 hours at 650°C. Formation of cracks was insignificant in both cases. The introduction of 3BaF and 4FA will widen the scope of automatic welding in Czechoslovakia. There are 22 figures and 8 tables.

ASSOCIATION: VÚZ Bratislava

Fluxes for welding ...

S/046/62/000/004/001/001
E112/E492

Table

	SiO_2	Fe_2O_3	Al_2O_3	MnO	CaO	MgO	CaF_2	$Na_2O + K_2O$	P	S	TiO_2
3 BaF	5,0	max. 0,1	45,0	4,0	8,0	2,0	29,0	3,5	max. 0,05	max 0,1	
4 FA	18,5	max. 1,0	31,0	max. 0,5	5,0	8,0	CaF_2 + + BaF_2 33,0	2,5	max 0,05	max. 0,05	

Card 4/4

"IKNA, F.; TOBISKA, J

"Notes on the question of phytoagglutinins."

CESKOSLOVENSKA BIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 6, Nov. 1958

Monthly List of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, June 59
Unclas

RUSU, E.; NASTASESCU, C., elev (Pucioasa); PISAN, L.; MIHZAN, [illegible], prof. (R. Vilcea); BAGHINA, V., prof. (Breaza); TUDOR, [illegible], student (Bucuresti); SCHWARTZ, Lajos (Oradea); LUDMAN, Tamas (Galati); PIKO, Janos (Oradea)

Solved problems. Gas mat B 14 no.10:607-617 O '63.

KRAKOWSKI, Jan; PIKON, Jerzy

Soot removal from gases. Przem chem 40 no.7:398-402 Jl '61.

1. Katedra Maszynoznawstwa Chemicznego, Politechnika Slaska, Gliwice.

PIKORA, T.

CZECHSLOVAKIA / Pharmacology, Toxicology. Chemotherapeutic Agents. U-7

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 8189

Author : Pikora T.

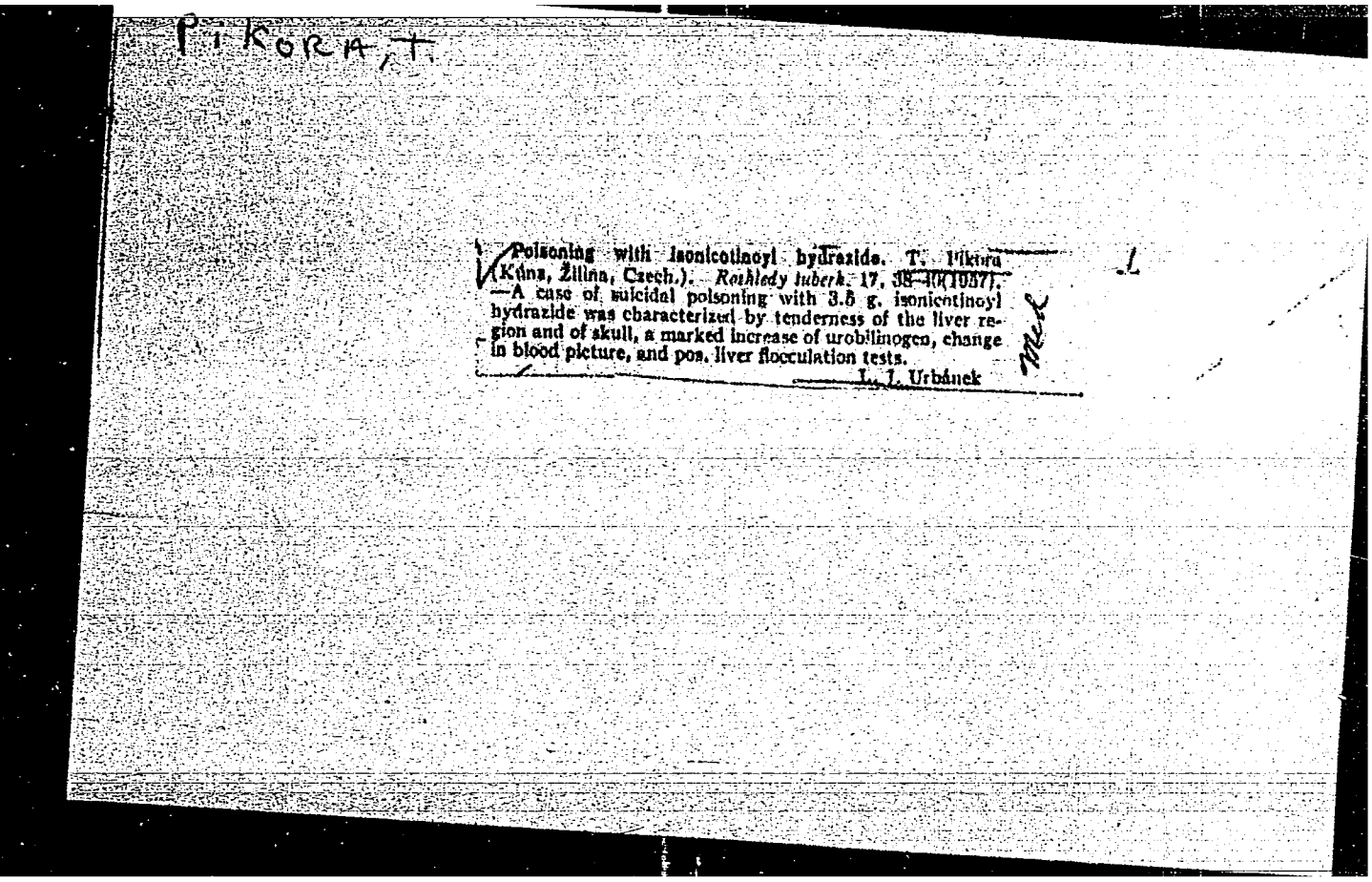
Inst :

Title : Poisoning Causes by the Hydrozide of Isonicotinic Acid

Orig Pub : Rozhl. tuberk. a Nemocech. Plicnich, 1957, 17, No 1, 38-40

Abstract : A case of isoniazid poisoning was described. 3.5 g of the drug were taken for suicidal purposes. CNS symptoms were predominant in the clinical picture. Gastric lavage had a beneficial effect.

Card : 1/1



PIKORA, T.

Poisoning with isonicotinoyl hydrazide. T. Pikora (Kúna, Žilina, Czech.). *Rozhledy tuberk.* 17, 38-40(1957).—A case of suicidal poisoning with 3.5 g. isonicotinoyl hydrazide was characterized by tenderness of the liver region and of skull, a marked increase of urobilinogen, change in blood picture, and pos. liver flocculation tests.

L. J. Urbánek

1

BELINSKIY, L.I.; PIKOVSKIY, A.I.

Semiconductor electric thermometer. Priborostroenie no.10:22-23 O '60. (MIRA 13:11)

(Thermometers)

S/119/60/000/010/009/0[illegible] X
B012/B063

AUTHORS: Belinskiy, L. I., Engineer, Pikorskiy, A. I., Engineer

TITLE: A Semiconductor Electrothermometer

PERIODICAL: Priborostroyeniye, 1960, No. 10, pp. 22 - 23

TEXT: The measuring bridge circuit of an electrothermometer with a constant feeding source, shown in Fig. 1, was tested at the laboratoriya avtomatiki i KIP Nauchno-issledovatel'skogo instituta iskusstvennogo volokna (Laboratory of Automation and Control and Measuring Instruments of the Scientific Research Institute for Synthetic Fibers). A microammeter is used for indication. Fig. 2 shows the electrothermometer, and its technical data are given. This quick-acting instrument was developed on the basis of the MT-54 (MT-54) microthermistor designed by Karmanov, and is intended for measuring temperatures between 0° and 100°C. The small dimensions of the transmitter permit temperature measurement even at difficultly accessible points. This semiconductor electrothermometer has an error in measurement of ± 0.5°C between 0° and 50°C. There are 2 figures.

Card 1/1

KHAN, O.A.; PIKOV, N.Kh.

Effect of hydrogen ions on the cathodic polarization in the electrodeposition of cadmium. Zhur. prikl. khim. 38 no.7:1563-1568 Jl '65. (MIRA 18:7)

KHAN, O.A.; PIKOV, N.Kh.

Cathodic polarization during the electrodeposition of cadmium from sulfuric acid solutions containing zinc ions. Zhur. prikl. khim. 37 no.2:352-361 F '64. (MIRA 17:9)

1. Altayskiy gornometallurgicheskiy nauchno-issledovatel'skiy institut AN Kazakhskoy SSR.

KHAN, G.A.; [illegible]

Electrolysis of a [illegible]

PIKOV[illegible]R, N. [illegible]

Pikover, [illegible] V. "The pro[illegible] [illegible]," Sbornik trudov Nauch.-issled. [illegible] ortoped i, travmatologii [illegible] [illegible] [illegible] [illegible], p. 103-10[illegible]

SO: U-4934, 29 Oct. 53, (Letopis 'Zhurn[illegible] [illegible] Statey, No. [illegible], 194[illegible]).

PIKOVER, V. V.

Pikover, V. V.

"Permeability of the capillaries in bacterial dysentery." Kirgiz State Med Inst. Frunze, 1956 (Dissertation for the degree of Doctor in Medical Science)

Knizhnaya letopis
No. 15, 1956. Moscow

PIKOVETS, P.

We are improving control over the operations of agricultural enterprises. Fin. SSSR 37 no.6:59-61 Je '63. (MIRA 16:9)

1. Nachal'nik otdela Dnepropetrovskogo sel'skogo oblastnogo finansovogo otdela.
(Dnepropetrovsk Province--Agriculture--Auditing and inspection)

PODRABINIK, G.M.; PIKOVETS, P.T.; PIROGOV, I.Ya.; LEVENSHTEYN, A.V.

Dynamics of the content of proteins and gamma globulins in antitoxic antidiphtheria sera in the process of the immunization of horses. Nauch. osn. proizv. bakt. prep. 10:227-243 '61. (MIRA 18:7)

1. Khabarovskiy institut epidemiologii i mikrobiologii.

PIKOVETS, P.T.; KONSTANTINOV, A.A.; MAKAREVICH, N.I.; RKLINSKAYA, O.I.

Protein fractions in antitoxic sera at different stages of production. Report No.1: Electrophoretic studies on serum proteins during the hyperimmunization of horses. Zhur.mikrobiol.,epid.i immun. 30 no.12:124 D '59. (MIRA 13:5)

1. Iz Khabarovskogo institut a epidemiologii i gigiyeny.
(BLOOD PROTEINS)

PIKOVETS, P.T.

Transmission of antitoxins to colts by immune mares; author's abstract.
Zhur.mikrobiol.epid.i immun. 30 no.10:145 O '59. (MIRA 13:2)

1. Iz Khabarovskogo institut a epidemiologii i gigiyeny.
(TOXINS AND ANTITOXINS)

PIKOVETS, V.F.

Pulmonary improvement following a chylothorax lasting 8 years.
Vrach. delo no.5:133-134 My '61. (MIRA 14:9)

1. I khirurgicheskoye otdeleniye (zav. - G.G.Gorovechko) Kiyevskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni F.G.Yanovskogo.
(CHYLOTHORAX) (LUNGS—DISEASES)

MASLENNIKOV, K.N.; PIKOVSKAYA, O.G., starshiy nauchnyy sotrudnik; SURKOVA, V.I., mladshiy nauchnyy sotrudnik; AGAFONOVA, L.L., mladshiy nauchnyy sotrudnik

Avivage preparations for polyvinyl alcohol fibers. Tekst. prom. 25 no.9:29-31 S '65. (MIRA 18:10

1. Rukovoditel' gruppy tekstil'noy pererabotki Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Maslennikov). 2. Laboratoriya otdelki i krasheniya Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Pikovskaya, Agafonova). 3. Gruppa tekstil'noy pererabotki Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Surkova).

SERGEBRYAKOVA, Z.G.; PIKOVSKAYA, O.G.

New textile-treating preparations of the "avirol" type. Khim. volok. no.4:34-35 '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

(Textile fibers, Synthetic)

PIKOVSKAYA, R.I.

15

The activity of nitrifying bacteria of various soils. R. I. Pikovskaya. *Mikrobiol. Zhur., Akad. Nauk Ukr. R.S.R.* 7, No. 1-2, 180-200(in English, 200) (1940). Most pronounced high activity was observed in *Nitrosomonas* strain V, *Nitrobacter* strain II and *Nitrosomonas* strain VIII (compost). In soils contg. microflora possessing weak nitrifying capacity there was observed a considerable rise in nitrate accumulation on inoculation with active cultures. Active strains of nitrifying microorganisms oxidizing great quantities of NH_3 can be obtained by feeding the nitrifying bacteria with increased amts. of NH_3. Nitrification is increased by increasing the moisture content of the soil. Eleven references. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PIKOVSKAYA, R.I., [illegible]

Isolation of symbiotic [illegible] and some of their properties. Zhur. mikrobiol., epid. i immun. 40 no.6:91-95 Je '63. (MIRA 17:7)

1. Iz Nauchno-issledovatel'skogo instituta sanitarii i gigiyeny Ministerstva zdravookhraneniya Ukrainskoy SSR.

PIKOVSKAYA, R. I.

"Ammonifying Bacteria as Attendants of Azotobacter Chiroococcum," Mikrobiol., 13, No.6, 1944

Sci. Res. Inst. for Microb. and Epidemiology, AS UkrSSR, Kiev

PA 18/49T52

USSR/Medicine - Bacteria Sep/Oct 48
Medicine - Phosphorus and Phosphorus Compounds

"Mobilization of Phosphates in the Soil in Connection With the Life Activity of Some Types of Microbes," R. I. Pikovskaya, Inst of Microbiol imeni Zabolotin, Ukrainian SSR, Kiev, Sci Res Sanitation Inst, Min Pub Health Georgian SSR, Tbilisi, 8½ pp

"Mikrobiologiya" Vol XVII, No 5

Bacteria which convert $Ca_3(PO_4)_2$ into forms of P_2O_5 soluble in water and dilute acids are widespread in phosphorites and soils. Pikovskaya

18/49T52

USSR/Medicine - Bacteria (Contd) Sep/Oct 48

PIKOVSKAYA, R. I.

Isolated ten cultures of these bacteria. Their ability to dissolve phosphates is considerably greater than that of Azotobacter chroococcum, (I) Clostridium Pasteurianum, (II) Bac. Mycoides, and nitrogen-fixing bacteria. Discovered considerable biological absorption of phosphoric acid by cells of I and II. A vegetative experiment with oats, introducing active cultures of bacteria dissolving $Ca_3(PO_4)_2$ (III), azotobacter (IV), and nitrogen-fixing bacteria (V) into soil on nonsterile P culture made clear the effectiveness of using III as compared with the control IV and V. Use of III as bacterial fertilizer seems a feasible proposition. Submitted 17 Jun 47.

18/49T52

PIKOVSKAYA, R I.

Subject : USSR/Medicine AID P - 2133

Card 1/1 Pub. 37 - 2/18

Authors : Pikovskaya, R. I., Kand. of Biol. Sci., Gelashvili, M.G., Scientific Worker

Title : Microflora as a factor in the self-purification of the soil

Periodical: Gig. i san., 3, 7-10, Mar 1955

Abstract : A study of the self-purifying properties of the soil in the Gruzinskaya SSR. Describes different tests of various microbes contained in the soil, and their antibacterial effect on harmful bacteria. Five references, Russian, 1947-1952.

Institution: Scientific Research Sanitation Institute of the Ministry of Health of the Gruzinskaya SSR

Submitted : Je 4, 1954

PIKOVSKAYA, R.I., kandidat biologicheskikh nauk; RTSKHILADZE, S.I., kandidat meditsinskikh nauk; GELASHVILI, M.G., nauchny sotrudnik.

Autodisinfection properties of basic types of soil in the Georgian SSR. Gig. i san. 21 no.1:15-20 Ja. '56 (MLRA 9:5)

1. Iz nauchno-issledovatel'skogo sanitarnogo instituta Ministerstva zdravookhraneniya Gruzinskoy SSR.
(SOIL,
self-disinfection. of basic types of soil in Georgian SSR)

PIKOVSKAYA, R.I.,; FRANGULYAN, I.S.,; RTSKHILADZE, S.I.

Antibacterial characteristics of humus. Zhur. mikrobiol. epid. i immun. 27 no.2:28-31 F '56. (MLRA 9:5)

1. Iz Nauchno-issledovatel'skogo sanitarnogo instituta Ministerstva zdravookhraneniya Gruzinskoy SSR.
(SOIL
humus, antibact. characteristics)

PIKOVSKAYA, R.I.; GELASHVILI, M.G.

Variability of Escherichia coli. Zhur. mikrobiol.epid. i immun., supplement for 1956:9 '57 (MIRA 11:3)

1. Iz Nauchno-issledovatel'skogo sanitarnogo instituta Ministerstva zdravookhraneniya Gruzinskoy SSR.
(ESCHERICHIA COLI)

PIKOVSKAYA, R.I.; RTSKHILADZE, S.I.

Phage resistance and phage diagnosis of dysentery and dysentery like cultures. Zhur.mikrobiol.epid. i immun. 29 no.3:125 Mr '58. (MIRA 11:4)

1. Iz Sanitarnogo instituta Ministerstva zdravookhraneniya Gruzinskoy SSR.

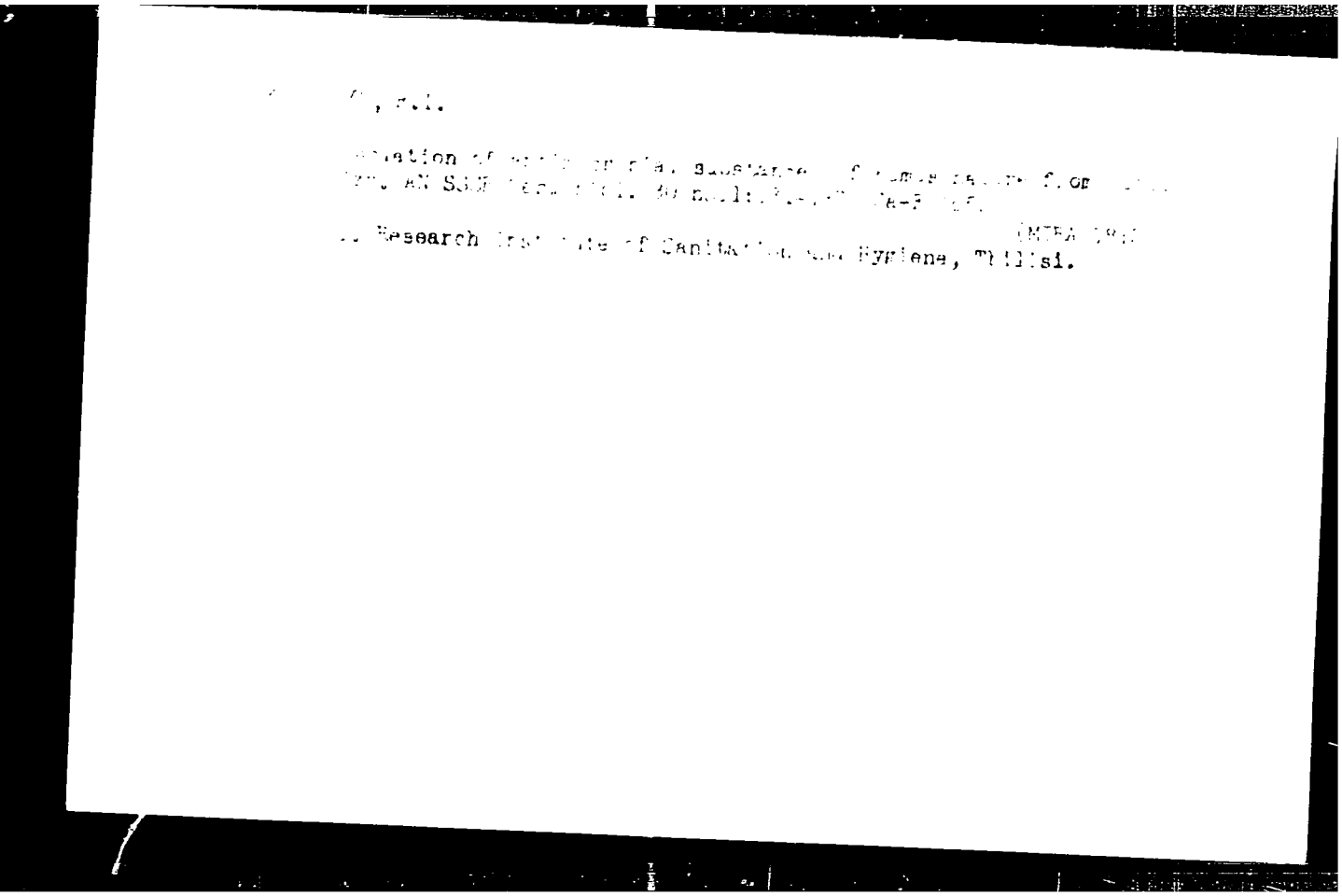
(BACTERIOPHAGE) (DYSENTERY)

PIKOVSKAYA, R.I.; GELASHVILI, M.G.

Use of the phage titer growth reaction in the study of [illegible] fever cultures. Zhur.mikrobiol.,epid.i immun. [illegible]

(MIRA [illegible])

1. Iz Nauchno-issledovatel'skogo instituta [illegible], Ministerstvo zdravookhraneniya Gruzinskoy SSR.



PIKOVSKAYA, R.I.; RTSKHILADZE, M.G.

Certain characteristics of typho-paratyphoid and dysenteral bacteria isolated from patients treated with synthomycin. Zhur. mikrobiol. epid. i immun. 31 no.7:53-56 Jl '60. (MIRA 13:9)

1. Iz Instituta gigiyeny i saritarii Ministerstva zdravookhraneniya Gruzinskoy SSR.
(SALMONELLA) (SHIGELLA) (CHLOROMYCETIN)