BRIEDIS, G.

Conference on increasing the living standard of Latvian SSR working people. Vestis Latv ak no.11:163-164 '60.

(EEAI 10:9)

(Latvia--Cost and standard of living)

FAYTEL'SON, Lev Aronovich; LINARTS, P.; BRIEDIS, I ; SHUL'TS, I., red.

[Experience in the vibropiston molding of prefabricated reinforced concrete constructions] Opyt vibroporshnevogo formovaniia sbornykh zhelezobetonnykh konstruktsii. Riga, Izd-vo AN Latviiskoi SSR, 1965. 84 p. (MIRA 18:7)

USSR/General Problems of Pathology - Pathophysiology of Infectious Process. U.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 89505

Author : Budzhe, M.M., Briedis, L.P., Purgala, A.V.

Inst : Riga Medical Institute.

Title : The Phagocytic Reaction of the Blood in Typhoid-Para-Typhoid and Its Significance During the Prerelapse Period.

Orig Pub : Sb. nauchn. rabot. Rizhsk. med. in-ta, 1957, 7, 193-200

Abstract : 980 phagocytic reaction tests (PR) were carried out on 120 subjects: healthy and ill with typhoid, paratyphoid A, etc. The specificity of PR was demonstrated. Mild and moderately severe forms of the disease were accompanied by moderate PR., severe and abortive forms were associated with intense phagocytic activity.

Card 1/2

BRIEDIS, V. ; INDANS, R. ; JANSONS, A.

Improved instruments in lumbering. p. 115.

BIOLOGICHESKAIA NAUKA; SELSKOMU I LESNOMU KHOZIAISTVU. (Latvijas PSR Zinatnu akademija. Biologijas Zinatnu nodala) Riga, Latvia, No. 15, 1958; In Russian.

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

GRAVA, A.; TREILIBS, O.; BRIEDIS, Z., red.

[Algebra and elementary functions of geometry; textbook for teachers of grade 9] Algebra un elementaras funkcijas geometrija; macibu paliglidzeklis skolotajiem 9. klasei. Riga, Latvijas Valsts izd-ba, 1963. 132 p. [In Latvian] (MIRA 17:6)

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"Classification of snow and methods of snow research in Poland" by K. Chomicz. Reviewed by V. Briedon. Meteor zpravy 16 no.3/4:115 Ag '63.

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Some remarks on Z. Smolik's article: Precipitation conditions of Kosice; annual and monthly totals. Meter zpravy 16 no.6:182 D '63.

BRIEDON, V.: KONCEK, M.

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Geograficky Casopis. Bratislava, Czechoslovakia. Vol. 11, no. 1, 1959

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EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6164. A CASE OF INTERNAL FRONTAL HYPEROSTOSIS IN A MAN - Asupra unui caz de hiperostoză frontală internă la un bărbat - Briese M., Caraman Z., Chigleag G. and Ionescu A. Inst. de Med., Clin. Endocrinol., Neurol. şi Radiol., Iaşi - REV. MED.-CHIR. IAŞI 1957, 61/3 (693-697)

A 22-year-old patient presented gonadal insufficiency with somatic signs of feminism and a chronic sinus infection. On the eve of the onset of the clinical disease, an operation for a deviated nasal septum was performed. On the basis of these facts, pathogenic hypotheses are advanced.

Gâitan - Bucharest

BRIESE, Maria; JACOTA, Lidia; SAUCIUC, Tatiana; URSU, Natalia

The influence of implants of estrogenized hypothalamus on sexual maturation in impuberal rats. Stud cercet endocr 14 no. 3:367-372 '63.

(PUBERTY) (HYPOTHALAMUS) (ESTROGENS) (PITUITARY GLAND)

BRIFAH, R.; REKAR, C.

Copper, arsenic, and antimony in ores, steel and iron. Pt. 2. p. 227.

RUDARSKO-METALURSKI ZBORNIK. (Ljubljana. Univerza. Fakulteta za rudarstvo, metalurgijo in kemijsko tehnologijo. Oddelek za rudarstvo in metalurgijo.) Ljubljana, Yugoslavia, No. 3, 1959.

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

Uncl.

BRIFAH, Roman, inz.

Precision casting. Livar vest 11 no.5:140-142 '62.

1. Metalurski institut v Ljubljani.

BRIFAH, Roman, inz.

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GLIGORE, V., prof.; LUCACIU, O., dr.; In colaborare cu: HOLAN, T., conf.; BRIFF, Gh., dr.; POGANGEANU, P.

Contribution to the study of capillary permeability in diabetes mellitus. (Preliminary note; presentation of a method). Med. intern. (Bucur) 16 no.9:1075-1078 S '64.

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BRIG, B.

Export deliveries are expanding. Vnesh.torg. 42 no.7:37-38 '62.
(MIRA 15:7)

1. Zamestitel' predsedatelya Odesskogo sovnarkhoza.
(Odessa region--Industries) (Odessa region--Commerce)

BRIGADENKO, M.D.

Plant experiments on a partial replacement of malt by the surface culture of Aspergillus avamori. Spirt.prom. 27 no.2:16-18 '61. (MIRA 14:4)

(Fermentation) (Aspergillus)

BRIGADENKO, M.K.

Partial replacement of malt by a surface culture of mold fungus.
Spirt.prom. 27 no.1:19-22 '61. (MIRA 14:2)
(Malt) (Molds (Botany))

BRIGADENKO, M.K.

Optimum temperature and time of the saccharification of starchy mashes by enzymes from the surface culture of Aspergillus awamori and malt. Trudy TSNIISP no.12:3-6 '62. (MIRA 17:3)

USTINNIKOV, B.A.; BRIGADENKO, M.K.; MASLECHKINA, R.S.

Flow sheet for sugar beet processing to alcohol. Ferm. i spirt. prom. 31 no.4:14-17 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i spirtovoy promyshlennosti.

SMYSHLYAYEV, V.K. (Yoshkar-Ola);BAYTAL'SKIY, M.M. (Odessa);IVANOVA, Zh. (Vratsa, Bolgariya);USHAKOV, V.V. (Staryy Oskol);PRESMAN, A.A. (Sverdlovsk); LEVIN, M.N. (Tartu);BRIGADIN, I.Ya. (Moskva);LEVIN, M.I. (Tartu); KASHIN, B.I. (Kaliningkaya obl.)

Problems for students. Mat. v shkole no.6:90-91 N-D '59 (MIRA 13:3)
(Mathematics--Problems, exercises, etc.)

BOCHKOV, V.I.; BRIGADIRENKO, V.G.; BRUN-TSEKHOVOY, A.R.; GOLOSOV, S.A.; ISTOMIN, A.P.; KATSOBASHVILI, Ya.R.; LASKOVENKO, E.K.; MIGUR, V.V.

Auger flowmeter for loose materials. Mash. i neft. obor. no.7:33-35 '65. (MIRA 18:12)

1. Kombinat No.16, g. Angarsk.

BRIGADIROV, N.G.

ZELENSKAYA, N.O.; BRIGADIROV, N.G.; BLINOV, A.I., tekhnicheskiy redaktor.

[Origin of man; material to aid the dissemination of scientific information among the rural population] Proiskhozhdenie cheloveka; materialy v pomoshch' estestvenno-nauchnoi propagande sredi sel'skogo naseleniia. Rosto-na-Donu, 1956. 15 p.
(MLRA 10:6)

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(Smyrna—Exhibitions) (Damascus—Exhibitions)
(Leipzig—Exhibitions)

BRIGE, YE. K.

USSR/Chemistry - Hydration Oct 48
Chemistry - 2-Butyne-1, 4-Diol

"Hydration of 2-Butyne-1, 4-Diol," Yu. K. Yur'yev, I. K. Korobitsyna, Ye. K. Brige, Lab of Org Chem imeni Acad N. D. Zelinskiy, Moscow State U imeni M. V. Lomonosov, 1 2/3 pp

"Dok Ak Nauk SSSR" Vol LXII, No 5

Hydration of 2-Butyne-1, 4-diol in methanol in presence of mercuric sulfate or its solution in 27% sulfuric acid gave a 37% theoretical yield of 4-methoxy-1-butanol-2-one, b.p. 86.5 at 9 mm, d (20/4), 1.095, n (20/D) 1.4395. Use of other solvents resulted in resinification. Submitted by Acad A. N. Nesmeyanov, 13 Aug 48.

PA 53/49T25

BRIGE, E. K.

Yu. K. Yur'ev, I. K. Korobitsyna, and E. K. Brige - "Joint catalytic dehydration of 2-butyne-1,4-diol with amonia and hydrogen sulphide. Catalytic dehydration of cis-2-butene-1,4-diol." (p. 744)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 4.

BRIGENNIK, Ye. V.

GIRGOLAV, S.S., professor; BLINOV, N.I., professor; BALAKINA, V.S., professor; KHMEL'NITSKIY, O.K., kandidat meditsinskikh nauk; BRIGENNIK, Ye.V., kandidat meditsinskikh nauk; BOYKO, E.K., kandidat meditsinskikh nauk; BYSTROVA, V.V., kandidat meditsinskikh nauk; VLASOVA, Z.A., kandidat meditsinskikh nauk; ANTIPINA, A.N., nauchnyy sotrudnik

Petr Vasil'evich Sipovskii. Arkh.pat. 18 no.8:131-132 '56. (MLRA 10:2)

1. Deystvitel'nyy chelen AMN SSSR (for Girgolav). 2. Direktor Instituta usovershenstvovaniya vrachey imeni S.M.Kirova (for Blinov). 3. Direktor Nauchno-issledovatel'skogo instituta travmatologii i ortopedii (for Balakina)
(SIPOVSKII, PETR VASIL'EVICH)

BRIGER, Abram Isaakovich; RAZNIKOV, P., red.; KUZNETSOVA, A., tekhn. red.

[Factory where they build houses] Zavod, gde stroiat doma. Moskva, Mosk. rabochii, 1962. 66 p. (MIRA 15:3)
(Buildings, Prefabricated)

LUR'YE, B.G.; MURIN, A.N.; BRIGEVICH, R.F.

Diffusion and electrolytic migration of manganese ions in NaCl + $MnCl_2$ mixed crystals. Fiz.tver.tela 4 no.7:1957-1958 Jl '62. (MIRA 16:6)

1. Leningradskiy gosudarstvennyy universitet.
(Ions--Migration and velocity) (Crystals)
(Manganese compounds)

KOCHINA, M.P.; URYAYEV, I.A.; BRIGEVICH, R.F.

Method of preparing large-size β-particle radiators. Radiokhimiia 6 no.2:255-258 '64. (MIRA 17:6)

BRIGGER, L.I., otv.red.; BELYAYEVA, L.I., red.

[Atlas of foreign countries for secondary schools; a course in economic geography] Atlas zarubezhnykh stran dlia srednei shkoly; kurs ekonomicheskoi geografii. Moskva, 1959. 40 p. (MIRA 13:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.

(Atlases)

BRIGGS, R.; TARAKANOV, G.

Nacreous clouds over the coast of Victoria Land. Inform. biul. Sov. antark. eksp. no.46:61-62 '64 (MIRA 18:1)

VERETNIK, L.D., kand.tekhn.nauk; BRIGIDIN, V.Ya., inzh.

Welding of Kh18N10T and U8A steel hockey skates. Svar.proizv. no.5:28-29 My '65. (MIRA 18:6)

1. Khar'kovskiy zavod transportnogo mashinostroyeniya im. V.A. Malysheva.

L 40801-66 EWP(e)/EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/WH

ACC NR: AP6021006 SOURCE CODE: UR/0125/66/000/006/0048/0049

53
50
B

AUTHOR: Veretnik, L. D.; Brigidin, V. Ya.

ORG: Khar'kov Plant im. Malyshev (Khar'kovskiy zavod im. Malysheva)

TITLE: Manual argon-arc welding of thin-walled joints

16

SOURCE: Avtomaticheskaya svarka, no. 6, 1966, 48-49

TOPIC TAGS: metal joining, arc welding, welding technology, sheet metal, metallurgic research

ABSTRACT: Under conditions of small-series production it is expedient to weld elements of austenitic steels 0.2-0.7 mm thick to each other as well as to massive work parts by means of manual argon-arc welding. This is accomplished with the aid of a specially developed burner (Fig. 1) which can be readily constructed by any enterprise. One of its advantages is that almost all of its parts except the nozzle and collets are constructed of aluminum and so it weighs only 200 g. Its nozzle may be either of ceramic or of copper or of a combination of both (Fig. 2); it may be made as long as 100-120 mm to gain access to relatively inaccessible weld areas. The welding itself requires a special alignment of both elements of the weldment. Thus, e.g. butt joints (Fig. 3, a) of cylindrical sylphons or flat plates 3 with wall thick-

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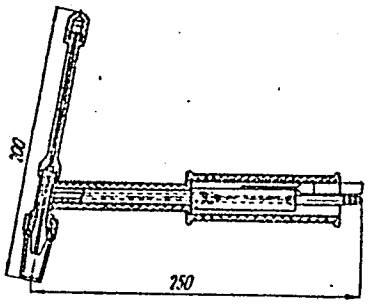

Fig. 1. Overall view of burner for argon-arc welding (with currents of up to 200 a)

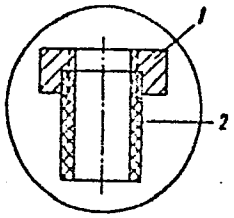

Fig. 2. Combination nozzle:

1 - copper; 2 - ceramic tube

ness of $\delta \geq 0.2$ mm require the use of specially aligned top and bottom tacks; the bottom tack is unnecessary if the elements are flanged in advance (Fig. 3, b). The welded joints experimentally produced in this manner were tested for airtightness in a vacuum of 10^{-6} mm Hg

L 40801-66

ACC NR: AP6021006

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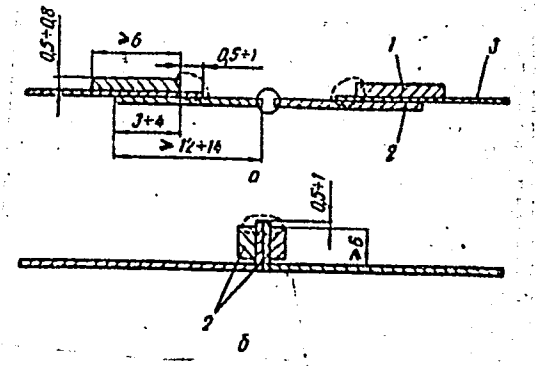

Fig. 3. Butt joints of sylphons or thin plates welded with the aid of:

a - top and bottom tacks; b - flanging

with the aid of helium leak detector; no leaks were detected. Orig. art. has: 5 figures.

SUB CODE: 13, 11/ SUBM DATE: 05Jul65/ ORIG REF: 000/

Card 3/3 vmb

GAYVORON, Arkadiy Abramovich; BRIGIN, N., red.

[Odessa, my native city] Odessa moi gorod rodnoi. Odessa, Odesskoe knizhnoe izd-vo, 1963. 194 p. (MIRA 17:4)

BRIGINETS, N.L.; ZAVERUKHA, B.V.

Botanical garden at the Kremenets Pedagogical Institute. Biul. Glav. sada no.30:7-9 '58. (MIRA 11:6)

1.Kremenetskiy pedagogicheskiy institut.
(Kremenets--Botanical gardens)

BRIGINETS, M.L. [Bryhinets', M.L.]; ZAVERUKHA, B.V., assistent

V.H. Besser, outstanding botanist of the first half of the 19th century. Nauk.zap.Krem.derzh.ped.inst. no.4:89-92 '59. (MIRA 13:9)
(Besser, Vil'bald'd Gotlibovich, 1784-1842)

BRIGINETS, M.L.[Bryhinets', M.L.], kand. sel'khoz. nauk, glav. red.; BILOUS, I.F., kand. ist. nauk, zam. glav. red.; MARISOVA, I.V.[Marysova, I.V.], kand. biol. nauk, dots., red. SVINKO, Y.M.[Svynko, I.M.], red.; TATARINOV, K.A. [Tatarynov, K.A.], kand. biol. nauk, dots., red.; SHIMANSKAYA, V.O.[Shimans'ka, V.O.], red.

[Materials on the study of the natural resources of Podolia] Materialy do vyvchennia pryrodnykh resursiv Podillia. Kremenets', Kremenets'kyi derzhavnyi pedagog. in-t, 1963. 199 p. (MIRA 17:7)

1. Mizhvuzivs'ka konferentsiya po vyvchennyu pryrodnykh resursiv podillya. 1963. 2. Kremenets'kiy pedagogicheskiy institut (for Tatarinov, Marisova).

1. YUDIN, V. M., BRIGIS, O. I.

2. USSR 600

4. Stock and Stockbreeding; Karakul Sheep

7. Variation in heredity and vitality of karakul sheep depending on age of parents.
Sov. zootekh 7 No. 4, 1952.
Dotsent

9a. Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

1. BRIGIS, O. I.

2. USSR (600)

4. Karakul Sheep

7. Effect of the age of parent sheep on breeding and hide qualities of their issue. Kar. i zver. 6 no. 1, 1953

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

BRIGIS, O. I.

"Change in the Productivity and Breeding Qualities of Karakul Sheep in Relation to Their Age and Pasture Feeding Conditions." Cand Agr Sci, All-Union Sci-Res Inst of Animal Husbandry, Moscow, 1954. (KL, NO 4 , Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher educational Institutions (13)
SO: Sum. No. 596, 29 Jul 55

BRIGIS, O.I.

USSR / Farm Animals. Small Horned Stock. Q-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54782.

Author : Yudin, V. M., Brigis, O. I.
Inst : Not given.
Title : Methodical and Organizational Problems in Karakul Breeding.

Orig Pub: Karakulevodstvo, 1957, No 6, 3-12.

Abstract: No abstract.

Card 1/1

YUDIN, V.M., akademik (Moskva); BRIGIS, O.I., kand.sel'skokhozyaystvennykh nauk (Moskva)

Breeding work in karakul sheep raising. Agrobiologiia no. 3:410-425 My-Je '61. (MIRA 14:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina (for Yudin).

(Karakul sheep breeding)

BRAZMA, N., dots.; BRIGMANE, A., st. prepod.; KRASTINS, A., dots.; RATS, J., st. prepod.; KIKANS, V., red.

[Higher mathematics] Augstaka matematika. [By] N.Brazma un citi. Riga, Latvijas Valsts izd-ba, 1964. 390 p. [In Latvian] (MIRA 17:6)

BRIGOROVSKIY, M.M.

RT-1248 (Combustible shales) Goeiuchie slantsy. Pages 64-68 from: GEOLOGICHESKAIA IZUCHENNOST' I MINERAL'NO-SYR'EVAIA BAZA SSSR. I.M.Gubkin, Ed. Moscow-Leningrad, 1939.

BRIHTA, IVAN DECEASED 1962/5

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CHEMISTRY

HUNGARY/Optics - Optical Technology . K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9718

Author : Briickner Janos
Inst : [redacted]
Title : Projection Lenses

Orig Pub : Kep-es hangtechn., 1958, 4, No 6, 186-187

Abstract : Popular article on motion picture lenses. The relative aperture, normal diameters of the mounts, limitation of the aperture of the lens by its mount, and the depth of focus are considered.
For the previous part see Referat Zhur Fizika, 1959, No 9, 21239.

Card 1/1

K

HUNGARY/Optics - Optical Technology

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9719

Author : Brlickner Janos
Inst :
Title : Projection Lenses, Part IV.

Orig Pub : Kep-es hangtechn., 1959, 5, No 1, 31

Abstract : The author considers in popular form the physical conditions of operation of a motion picture lens (high temperature, dust on the surfaces of the lenses). It is indicated that it is necessary to use complicated lenses for wide angle projection.
For the preceding part see Abstract 9717.

Card 1/1

BRIJAN, V.

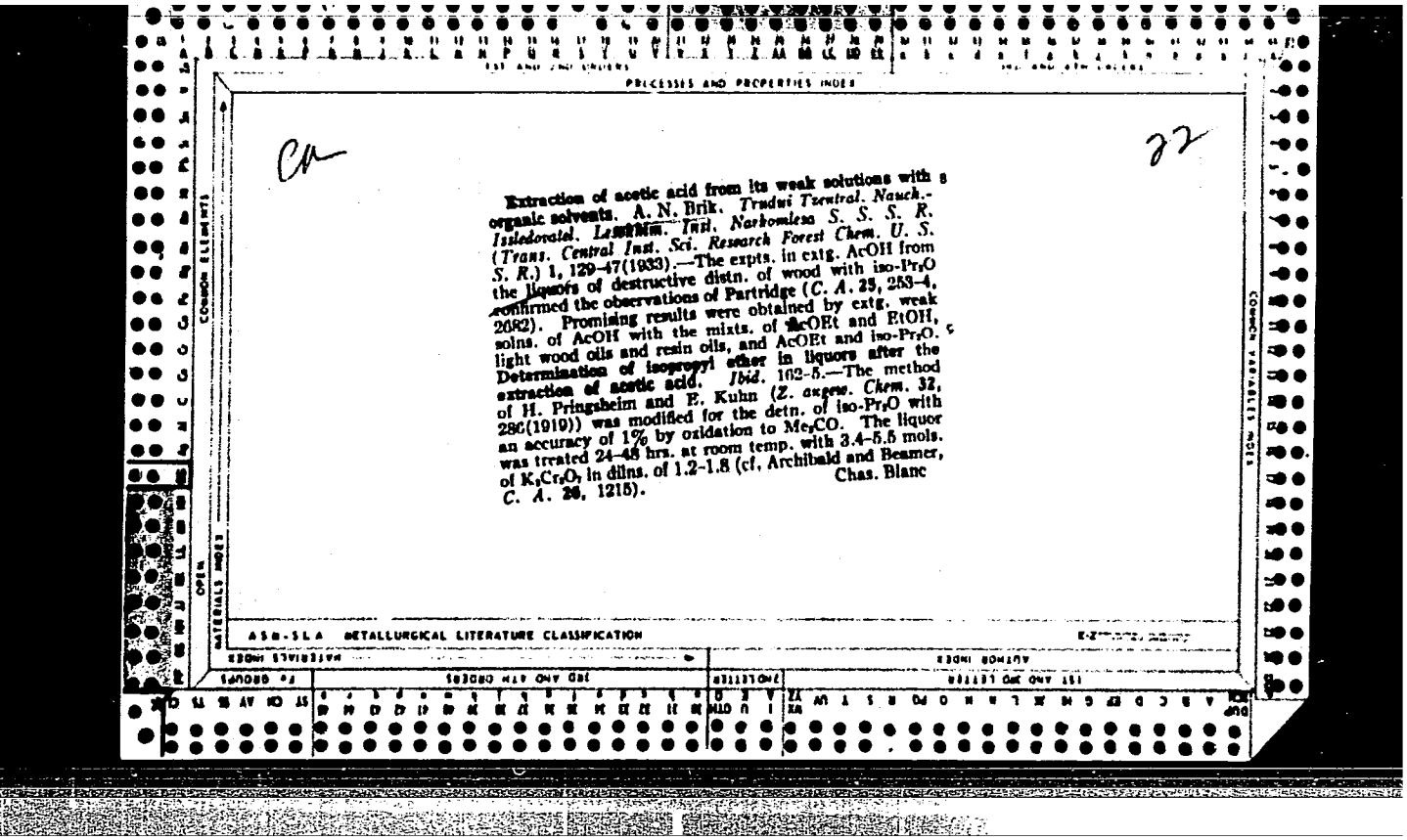
"Drawing up train formation plans by electronic computing machines" by [prof., membru corespondent al Academiei de Stiinte U.R.S.S., conducatprul serviciului de calcul tehnic din Ministerul Cailor de Comunicatii] A.P. Petrov and others. Reviewed by V. Brijan. Rev cailor fer 11 no.8:484 Ag '63.

CHOKOV, Boris Pavlovich; ERIK, Aleksandr Borisovich; GUBAR', V.F., red.

[Production of wall panels from keramzit-perlite concrete] Proizvodstvo stenovykh panelei iz keramzitoperlitobetona. Kiev, Budivel'nyk, 1965. 54 p. (MIRA 18:8)

GNEDOVSKIY V.I., doktor tekhn.nauk, prof.; BRIK, A.L., inzh.; GOLOVIN, F.G., inzh.; KASHIRSKIY, B.R., inzh.

Experimental precast spans with 54-m prestressed girders. Transp. stroi. 14 no.6:10-12 Je '64. (MIRA 18:2)



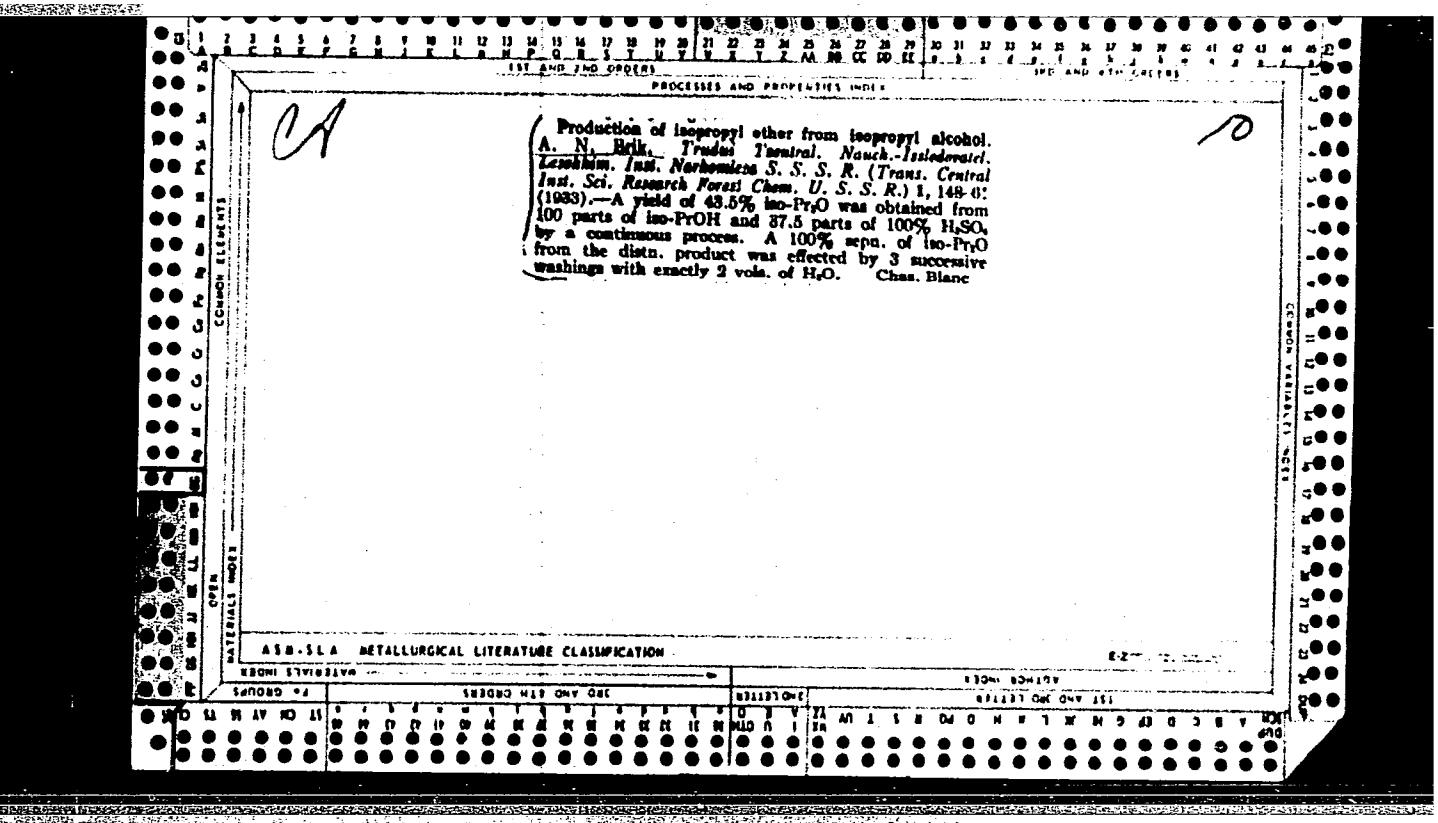
PROCESSES AND PROPERTIES INDEX

CA

22

Extraction of acetic acid from its weak solutions with s organic solvents. A. N. Brik. *Trudui Tzentral. Nauch.-Issledovatel. Lesokhim. Inst. Narkomlesa S. S. S. R.* (*Trans. Central Inst. Sci. Research Forest Chem. U. S. S. R.*) 1, 129–47(1933).—The expts. in extg. AcOH from the liquors of destructive distn. of wood with iso-Pr_2O confirmed the observations of Partridge (*C. A.* 25, 253–4, 2682). Promising results were obtained by extg. weak solns. of AcOH with the mixts. of AcOEt and EtOH, light wood oils and resin oils, and AcOEt and iso-Pr_2O. Determination of isopropyl ether in liquors after the extraction of acetic acid. *Ibid.* 162–5.—The method of H. Pringsheim and E. Kuhn (*Z. angew. Chem.* 32, 286(1919)) was modified for the detn. of iso-Pr_2O with an accuracy of 1% by oxidation to Me_2CO. The liquor was treated 24–48 hrs. at room temp. with 3.4–5.5 mols. of $K_2Cr_2O_7$ in dilns. of 1.2–1.8 (cf. Archibald and Beamer, *C. A.* 26, 1215). Chas. Blanc

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

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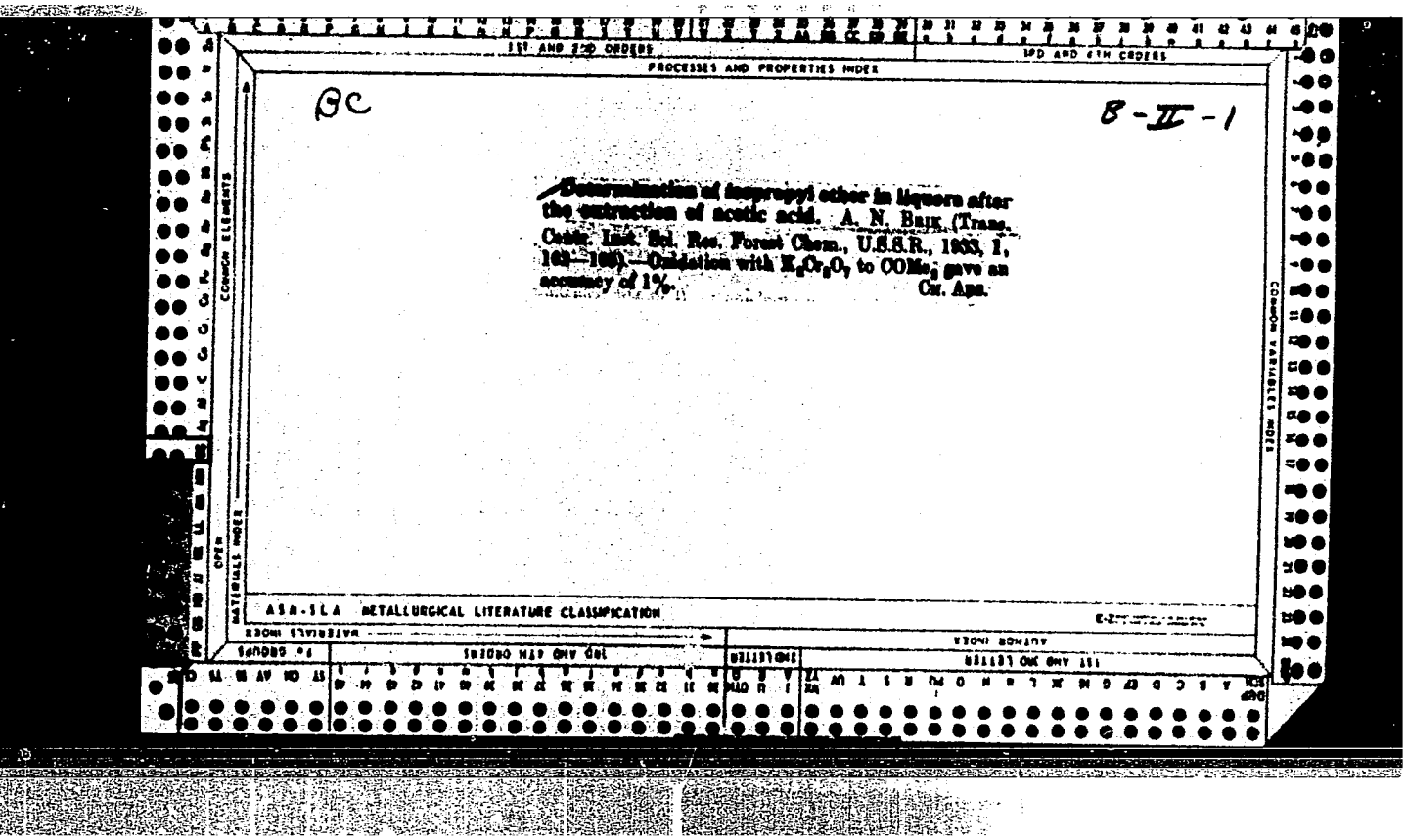
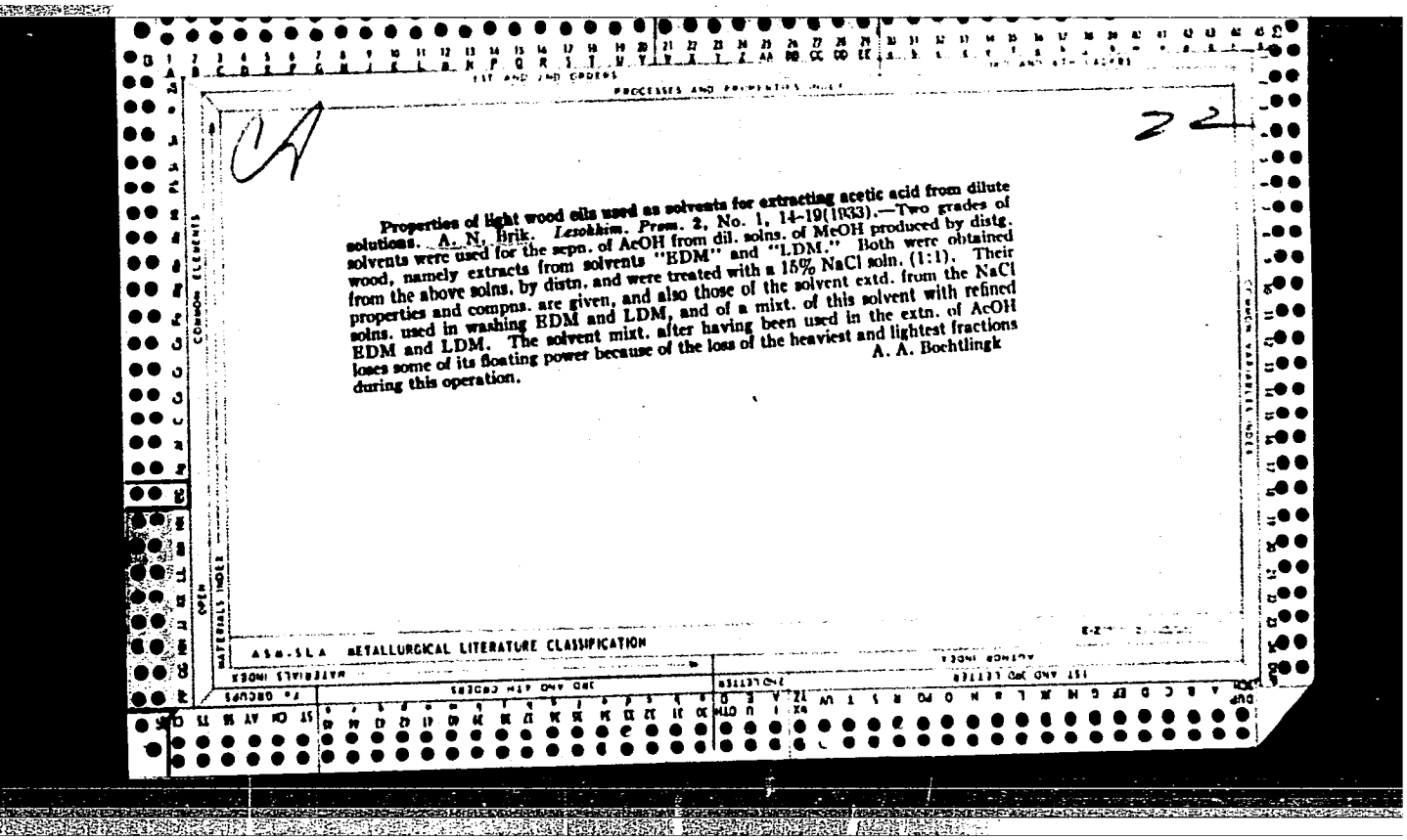
Production of isopropyl ether from isopropyl alcohol. A. N. Belik. *Trudasi Tsentral. Nauch.-Issledovatel. Lesokhim. Inst. Narkomlesa S. S. S. R.* (*Trans. Central Inst. Sci. Research Forest Chem. U. S. S. R.*) 1, 148-6 (1933).—A yield of 43.5% iso-Pr_2O was obtained from 100 parts of iso-PrOH and 37.5 parts of 100% H_2SO_4 by a continuous process. A 100% sepn. of iso-Pr_2O from the distn. product was effected by 3 successive washings with exactly 2 vols. of H_2O. Chas. Blanc

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION





CA

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Properties of light wood oils used as solvents for extracting acetic acid from dilute solutions. A. N. Ilrik. *Lesokhim. Prom.* 2, No. 1, 14-19(1933).—Two grades of solvents were used for the sepn. of AcOH from dil. solns. of MeOH produced by distg. wood, namely extracts from solvents "EDM" and "LDM." Both were obtained from the above solns. by distn. and were treated with a 15% NaCl soln. (1:1). Their properties and compns. are given, and also those of the solvent extd. from the NaCl solns. used in washing EDM and LDM, and of a mixt. of this solvent with refined EDM and LDM. The solvent mixt. after having been used in the extn. of AcOH loses some of its floating power because of the loss of the heaviest and lightest fractions during this operation.

A. A. Bochtlingk

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

CA

22

The maximum concentration of acetic acid obtained by extraction according to the method of Brüster. A. N. Ilsik and V. P. Sumarokov. *Lesokhim. Prom.* 6, No. 7, 10(1938); *Khim. Referat. Zhur.* 2, No. 3, 124-5(1939). —In fractional extn. with ether of AcOH from the tar-contg. liquid the first ext. (with a small amt. of solvent) contains most of the impurities (phenols, aldehydes, ketones and the higher homologues of AcOH). A comparatively pure acid is obtained in the second extn. By this method in the Ashin plant was obtained an 84% acid. The diagram H_2O-AcOH-Et_2O indicates a max. concn. of 98% the acid in the ether soln. in the presence of water. The observed higher concn. can be explained by the formation of the azeotropic mixt. ether-water. The azeotropic action increases with the decrease of the concn. of the acid in the ext. Increase the velocity of the liquids in the extractor decreases the concn. of AcOH because of the formation of ether-water emulsions and of the diln. of the acid. The use of hydrophobic solvent (pentane) is not recommended because, although it produces glacial AcOH, too large an amt. of the solvent is necessary. It is recommended to use a solvent which, according to its hydrophobic properties, is intermediate between ether and pentane. Since the coeff. of distribution of the acid between such a solvent and water is smaller (as compared with ether and water) the amt. of the solvent must be increased. From the weak exts. obtained (low in water) it is possible to obtain 98-100% AcOH by distg. off the solvent.

W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BRIK, A.N.

TURSKIY, Yu.I.; BRIK, A.N.; KUNIN, A.M.; GAL'PERN, Ye.M.

Determination of small quantities of butyl acetate in water.
Gaz.prom. no.9:11-13 S '57. (MIRA 10:10)
(Acetates--Analysis) (Water--Analysis)

NOVOPLYANSKAYA, R.; BRIK, A.O., metodist; AYUPOVA, K.V., prepodavatel'; SOKOLOV, B.M., uchitel' geografii; SYCHEV, V.G., uchitel' geografii; MAGOMED, M., khalimanov, uchitel' geografii; AZIMOV, D.B.

Editor's mail. Geog. v shkole 26 no.6:51-54 N-D '63. (MIRA 17:1)

1. Melitopol'skiy pedagogicheskiy institut (for Novoplyanskaya). 2. Lipetskiy institut usovershenstvovaniya uchiteley (for Brik). 3. Pedagogicheskoye uchilishche g. Kansk, Krasnoyarskiy kray (for Ayupova). 4. 29-ya srednyaya shkola Novosibirska (for Sokolov). 5. Lyublinskaya shkola-internat No.2 Khar'kovskoy oblasti (for Sychev). 6. Kudalinskaya shkola Gunibskogo rayona Dagestanskoy ASSR (for Khalimanov). 7. Mikrokskaya odinnadtsatiletnyaya shkola Akhtynskogo rayona Dagestanskoy ASSR (for Azimov).

KRYMSKIY, Ivan Ivanovich; SHEVELEV, A.Ye., inzh., retsenzent; BRIK, A.S., inzh., red.; MARKIZ, Yu.L., red.izd-va; SOROKINA, G.Ye., tekhn.red.

[Finishing operations in forge shops] Ochistnye operatsii v kuznechno-shtampovochnykh tsekhakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 110 p.

(MIRA 13:7)

(Forging) (Metal cleaning)

BRIK, E.; LAANEP, E., red.; VASSILJEV, P., red.; SEPP, A., tekhn. red.

[Tourist trips in Estonia]Matkates mooda Eestit. Tallinn, Eesti Riiklik Kirjastus, 1960. 39 p. (MIRA 16:3)
(Estonia—Description and travel)

BRIK, E. Yu.:

Brik, E. Yu: "A physical-geographical description of the Estonian SSR." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956. (Dissertation for the Degree of Candidate in Geographical Sciences)

SO: Knizhnaya letopis', No 27, 1956. Moscow. Pages 94-109; 111.

BRIK, E. V.

Physicogeographical regions of the Estonian S.S.R. Nauch.dokl.vys. shkoly; geol.-nauki no.4:205-211 '58. (MIRA 12:6)

1. Moskovskiy universitet, geograficheskiy fakul'tet, kafedra obshchey i fizicheskoy geografii.
(Estonia--Physical geography)

CHARNYY, Semen Semenovich, kandidat tekhnicheskikh nauk; BRIK, Frida Germanovna, inzhener; FILIPPOV, A.V., redaktor; USTRUGOVA, N.L., redaktor.

[Facing brick] Litsevoi kirpich. Pod obshchei red. A.V.Filippova. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 133 p. (MLRA 9:5)

1.Akademiya arkhitektury SSSR, Moscow. Institut stroitel'noy tekhniki. 2.Chlen-korrespondent Akademii arkhitektury SSSR.(for Filippov) (Bricks)

BRIK, F. G.

FEL'DMAN,L.V.; ORLOV,A.I.; FILIPPOV,A.V.; CHARNYY,S.S.; BRIK,F.G.

Clay bricks for facings. Rats. i izobr.predl. v stroi. no.108: 28-31 '55. (MLRA 8:10)

(Bricks)

BRIK, F.G., inzh.; YEFREMOVA, Ye.M.; LOPOVOK, L.I., kand. arkh.; MAKOTINSKIY, M.P., kand. arkh.; MILOVZOROV, A.K., arkh.; CHARNYY, S.S., kand. tekhn. nauk; Prinimali uchastiye: BOGUSLAVSKIY, A.I., inzh.; LIVSHITS, A.M., inzh.; POPOV, A.N., retsenzent; ROKHVARGER, Ye.L., kand. tekhn. nauk, retsenzent; GURVICH, E.A., red.

[Catalog of finishing materials and elements] Katalog otdelochnykh materialov i izdelii. Moskva, Gosstroiizdat. Pt.5. [Ceramics] Keramika. 1961. 54 p. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Popov).
(Finishes and finishing)

BRIK, I.L.

Brik,I,L. --"Biochemical Characteristics of Proteins of the Gray and White Matter of the Large Hemispheres of the Brain." Cand Biol Sci, Leningrad State U, Leningrad.1953 (REFERATIVNYY ZHURNAL--KHIMIYA, No 1, Jan 54)

Source: SUM 168, 22 July 1954

BRIK, I.L.

Phosphorus-containing proteins of cerebral hemispheres. Vest.Len.un. 10 no.10:57-66 O '55. (MLRA 9:1)
(Brain) (Proteins)

BRIK, I.L.; YAKOVLEV, V.A.

Anticholinesterase activity of the oxidation products of dithiophosphoric acid (M-74) esters. Biokhimiia 27 no.3:481-486 My-Je '62. (MIRA 15:8)

1. Institute of Evolutionary Physiology, Academy of Sciences of the U.S.S.R., Leningrad.
(CHOLINESTERASES) (PHOSPHORODITHIOIC ACID)

BRIK, I.L.; YAKOVLEV, V.A.

Comparative study of the properties of cholinesterases of the nervous system in vertebrates and insects. Biokhimiia 27 no.6:993-1003 N-D '62. (MIRA 17:5)

1. Institut evolyutsionnoy fiziologii imeni Sechenova AN SSSR, Leningrad.

BRIK, I.L., MANDELSHTAM, YU.YE.

Cholinergic systems of insects and the mechanism of the insecticidal action of the organophosphorus compounds.

Khimiya i Primeneniye Fosfororganicheskikh Soyedineniy (Chemistry and application of organophosphorus compounds) A. YE. ARBUZOV, Ed. Publ. by Kazan Affil. Acad. Sci. USSR, Moscow 1962, 632 pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of Organophosphorus Compounds.

L 5897?-65 EWT(1)/EWA(j)/EWT(m)/EWA(b)-2 RM/RO

ACCESSION NR: AP5018747 UR/0020/65/163/002/0365/0368

AUTHOR: Brestkin, A. P.; Brik, I. L.; Volkova, R. I.; Godovikov, N. N.; Teplov, N. Ye.; Kabachnik, M. I. (Academician)

TITLE: Anticholinesterase properties of O,O-diethyl S-(2-arylmethylamino)-ethyl thiophosphates and their methylsulfonium methyl sulfates

SOURCE: AN SSSR. Doklady, v. 163, no. 2, 1965, 365-368

TOPIC TAGS: nerve gas, chemical warfare agent, cholinesterase inhibitor, anticholinesterase activity, thiophosphate ester

ABSTRACT: One of the most effective ways to increase the activity of organophosphorus cholinesterase inhibitors is to introduce an onium group in their structure at the same distance from the phosphoryl group as the distance between the carbonyl carbon and the quaternary nitrogen in acetylcholine. Previous work showed that the sharp increase in anticholinesterase activity observed on transition from sulfides $CH_3(C_2H_5O)P(O)SCH_2CH_2SC_2H_5$ to sulfonium compounds $[CH_3(C_2H_5O)P(O)SCH_2CH_2S(CH_3)C_2H_5]^+SO_4CH_3^-$ is due not to the inductive effect, but to the formation of an ionic bond between the inhibitor and the anionic center of cholinesterase. The effect of the magnitude of the effective onium charge and the anticholinesterase activity of the

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ACCESSION NR: AP5018747

above compounds was investigated. The compounds investigated were O,O-diethyl S-(β-arylmethyl-amino)-ethyl thiophosphates $(C_2H_5O)_2P(O)SCH_2CH_2N(CH_3)C_6H_4R$, and their methylsulfonium methyl sulfates $[(C_2H_5O)_2P(O)SCH_2CH_2\overset{+}{N}(CH_3)_2C_6H_4R]SO_4CH_3$. Aryl substituents R of different electronegativities were used: CH_3, Cl, OCH_3. Anticholinesterase activity was evaluated from the reaction rate constants of inhibitors with serum cholinesterase (acylcholine hydrolase) in M/50 phosphate buffer (pH 7.5) at 25C. The physical constants of the inhibitors and their reaction rate constants are given in tabular form. In compounds with a ternary N, the presence of aryl groups decreases anticholinesterase activity, presumably because of the laser ability of aromatic amines to form ammonium cations in aqueous solutions. On the other hand, compounds with a quaternary N and aryl groups show very strong activity. In addition to increasing the effective positive charge, the hydrophobic aryl radicals facilitate the sorption of the inhibitor on the enzyme surface. The existence of the positive charge appears to be the most important factor determining the high activity of such inhibitors. The nature of the substituents R, showing good linear correlation with the reaction rate, and the steric compatibility of the aryl group with the anionic site of the enzyme are of secondary importance. Orig. art. has: 2 tables and 1 figure.

[VS]

Card 2/3

L 58973-65

ACCESSION NR: AP5018747

2

ASSOCIATION: Institut evolyutsionnoy fiziologii i biokhimii im. I. M. Sechenova Akademii nauk SSSR (Institute of Evolutionary Physiology and Biochemistry, Academy of Sciences, SSSR); Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR (Institute of Organoelemental Compounds, Academy of Sciences, SSSR)

SUBMITTED: 01Feb65	ENCL: 00	SUB CODE: CB, LS	
NO REF SOV: 005	OTHER: 003	ATD PRESS: 4048	

Card 3/3

BRIK, I.L.; BRESTKIN, A.P.; YAKOVLEV, V.A.

Interaction of esters of the N-methylcarbamic acid with acetylcholinesterases of the brain of white mice and flesh flies. Biokhimiia 29 no.6:1020-1028 N-D '64. (MIRA 18:12)

1. Institut evolyutsionnoy fiziologii i biokhimii imeni I.M. Sechenova AN SSSR, Leningrad. Submitted January 31, 1964.

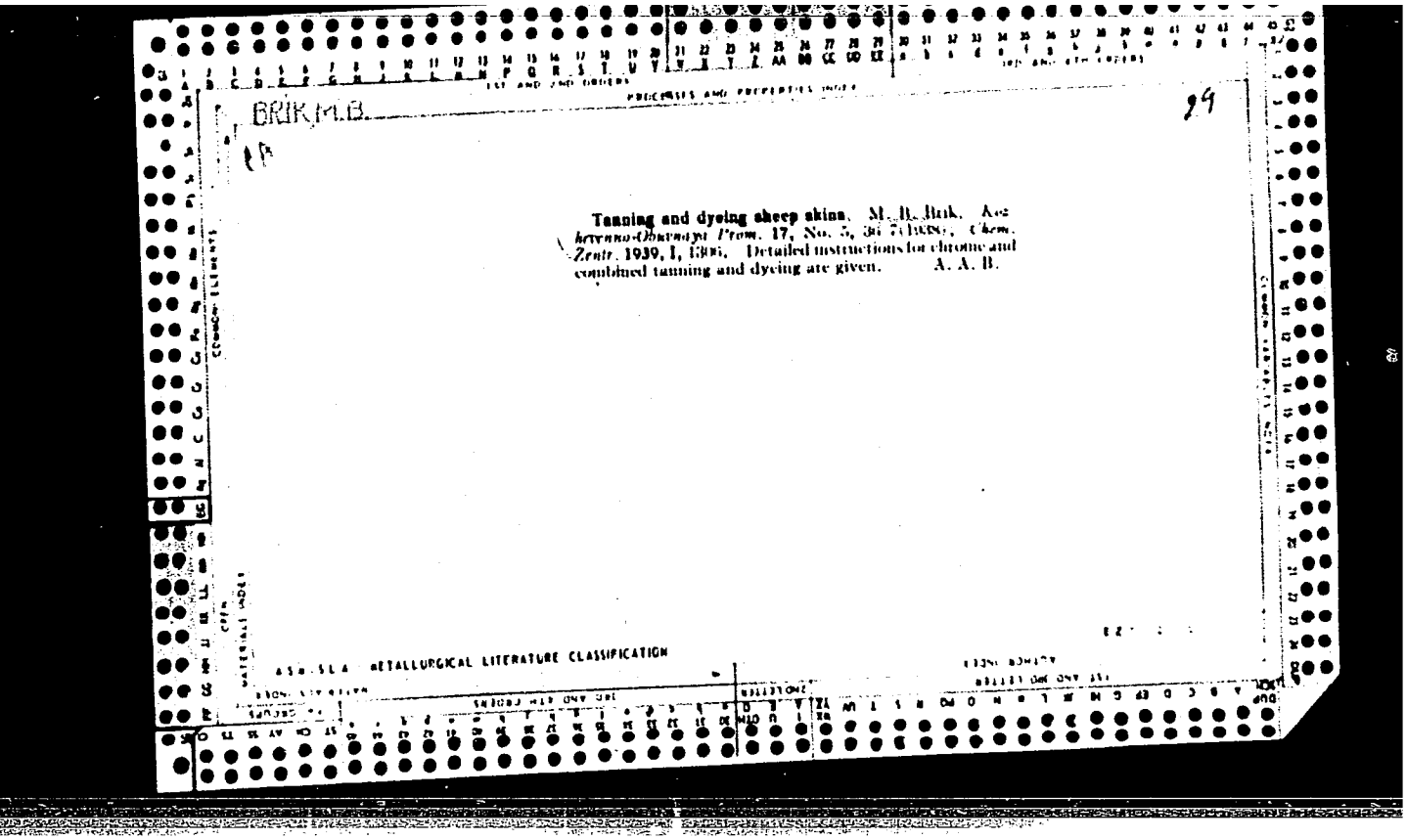
MELKONYAN, V., kand.tekhn.nauk; BRIK, L., inzh.

Investigating causes of poor weldability of rolled wire rods prepared from Alaverdi wire-bar copper. Prom.Arm. 4 no.1:60-64 Ja '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy gornometallurgicheskiy institut Sovnarkhoza ArmSSR (for Brik).
(Copper--Testing)

LAYNER, D.I.; CHERKASHINA, N.V.; BRIK, L.M.

Nature of the unweldability of copper. Trudy Giprotsvetmetobrabotka no.24:166-171 '65. (MIRA 18:11)



BRIK, M.B.

Tanning and dyeing sheep skins. M. B. Brik. *Kozevenno-Obuvnaya Prom.* 17, No. 5, 36 (1938); *Chem. Zentr.* 1939, I, 1381. Detailed instructions for chrome and combined tanning and dyeing are given. A. A. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BRIK, M.I. [deceased]; KOPYTOVA, E.A.; TURUTANOVA-KETOVA, A.I.

Some Mesozoic ferns and their spores of the southwestern Ural Mountain region. Mat.VSEGEI no.9:131-177 '55. (MLRA 9:9)
(Ural Mountain region--Ferns, Fossils)

BRIK, N.I.

Using new equipment. Avtom., telem. i sviaz' 9 no.3:24-25 Mr '65. (MIRA 18:11)

1. Pomoshchnik revizora po bezopasnosti dvizheniya poyezdov po khozyaystvu signalizatsii, tsentralizatsii, blokirovki i svyazi Sal'skogo otdeleniya Severo-Kavkazskoy dorogi.

L 26481-66 EWT(1) IJP(c)

ACC NR: AP6013069 SOURCE CODE: UR/0048/66/030/004/0633/0636

AUTHOR: Sokolov, V.A.; Vol'kenshteyn, F.F.; Brik, O.G.; Kondratenko, M.B. 30 B

ORG: None

TITLE: Concerning the role of radical-recombination processes in candoluminescence /Report, Fourteenth Conference on Luminescence held in Riga 16-23 September 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 4, 1966, 633-636

TOPIC TAGS: recombination luminescence, chemiluminescence, candoluminescence

ABSTRACT: Although candoluminescence - luminescence under the influence of a flame - has been questioned for many years, the authors assert that the existence of this phenomenon has definitely been proved. The mechanism of candoluminescence was hypothetically developed by one of the authors (F.F.Vol'kenshtein, Elektronnaya teoriya kataliza na poluprovodnikakh, Fizmatgiz, Moscow 1960) on the basis of the electronic theory of catalysis and chemisorption on semiconductors and has been discussed and described in other publications by F.F.Vol'kenshtein et al. According to this mechanism excitation occurs at the expense of the energy released incident to recombination of free atoms and radicals in the flame on the surface of the phosphor. In the present paper there are adduced the inferences based on the radical-recombination theory as regards the influence of extraneous gaseous impurities on the intensity of cando-

Card 1/2

L 26481-66

ACC NR: AP6013069

luminescence and there are described the results of attempts at experimental verification of the predictions. The inert gas employed in the main experiments was nitrogen and the phosphor was ZnS·CdS:Cu. A figure gives curves characterizing the variation of the luminescence intensity of the phosphor with the nitrogen concentration at different temperatures. Another figures shows analogous curves characterizing the influence of CO and O_2. Comparative experiments to evaluate the recombination coefficient were carried out with non-luminescing CuO. On the basis of general analysis of the data it is concluded that radical-recombination processes play a significant role in excitation of low-temperature luminescence (which, it is asserted, is true luminescence according to the Vavilov-Wiedemann criterion) but also in excitation of high-temperature candoluminescence, which is a special form of equilibrium emission that is not true luminescence. Orig. art. has: 2 formulas and 3 figures.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 007/ OTH REF: 001

Card 2/2

L 45933-66 EWT(l)/EWT(m)/EWP(j) IJP(c) RM

ACC NR: AR6023268 SOURCE CODE: UR/0058/66/000/003/D048/D048

AUTHOR: Brik, O. G.

39
B

TITLE: Investigation of the flame of illuminating gas as a source of excitation of candoluminescence

SOURCE: Ref zh. Fizika, Abs. 3D407

REF. SOURCE: Izv. Tomskogo politekhn. in-ta, v. 138, 1965, 265-271

TOPIC TAGS: luminescence, manufactured gas, light excitation, luminor, optic activity, radical recombination

ABSTRACT: The author investigated radical-luminescence (RL) in different zones of an illuminating-gas flame, and also the influence of extraneous impurities introduced into the flame (I_2, N_2, CO_2, O_2, KCl, NaCl) on the luminescence. He established that the most active, with respect to RL excitation, is the outer zone of the flame, which contains the largest amount of free atoms and radicals. The observed quenching of catalytically active luminors by means of extraneous impurities confirms the radical-recombination mechanism of luminescence. The RL of phosphors in the flame of illum-

Card 1/2

L 45933-66

ACC NR: AR6023268 O

inating gas is caused principally by radicals (free atoms) of hydrogen. Bibliography, 23 titles. [Translation of abstract]

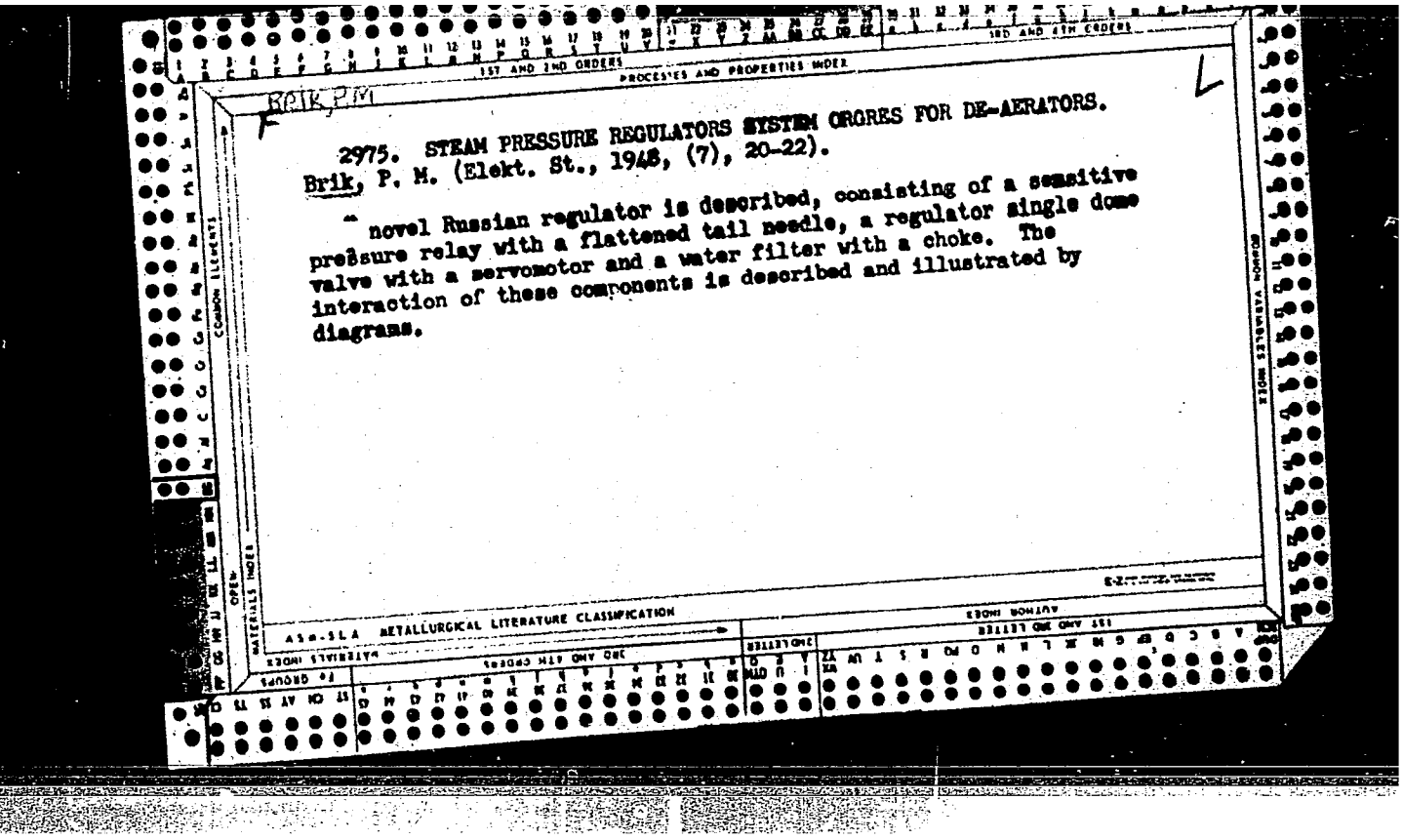
SUB CODE: 20

Card 2/2 blg

KONDRAT'YEV, Afanasiy Borisovich, kand.tekhn.nauk; YERSHOVA, Galina Nikolayevna, inzh.; MEN'SHIKOV, Ivan Alekseyevich, prof., doktor tekhn.nauk; MOSKOVSKIY, Mikhail Ivanovich, kand.tekhn.nauk; SOBOLEV, David Iosifovich, kand.tekhn.nauk; SMIL'GEVICH, Petr Kazimirovich, inzh.; SHIROKOV, Boris Ivanovich, kand.sel'skokhoz.nauk; Prinimali uchastiye: TREBIN, Boris Nikolayevich, inzh.; OSOBOV, Vadim Izrailevich, inzh. BRIK, P.A., prepodavatel', retsenzent; IVANOV, V.A., prepodavatel', retsenzent; KOGANOV, A., prepodavatel', retsenzent; KONONOV, B.V., prepodavatel', retsenzent; MARKOV, G.Ya., prepodavatel', retsenzent; OSIPOV, G.P., prepodavatel', retsenzent; RYABOV, P.I., prepodavatel', retsenzent; SOLOV'YEV, K.Ya., prepodavatel', retsenzent; SOROKIN, V.Ya., prepodavatel', retsenzent; BANNIKOV, P., red.; VORONKOVA, Ye., tekhn.red.

[Manual for collective farm machinery operators] Spravochnik mekhanizatora sel'skogo khoziaistva. Penza. Penzenskoe knizhnoe izd-vo, 1959. 610 p. (MIRA 14:2)

1. Saratovskiy institut mekhanizatsii sel'skogo khozyaystve imeni M.I.Kalinina (for Brik, Ivanov, Koganov, Kononov, Markov, Osipov, Ryabov, Solov'yev, Sorokin).
(Agricultural machinery) (Farm mechanization)



BRIK, P.M.

2975. STEAM PRESSURE REGULATORS SYSTEM ORGRES FOR DE-AERATORS. Brik, P. M. (Elekt. St., 1948, (7), 20-22).

A novel Russian regulator is described, consisting of a sensitive pressure relay with a flattened tail needle, a regulator single dome valve with a servomotor and a water filter with a choke. The interaction of these components is described and illustrated by diagrams.

BRIK, P.M.

Brik, P.M., "Automatic Regulation of the Operation of Thermal De-aerating Installations," Moscow and Leningrad, Gosenergoizdat, 1953. 70 pages, 46 figures.

BRIK, P.M., inzhener; OVSYANNIKOV, A.V.

Steam-water preheaters for small and medium boiler installations. Elek.sta. 25 no.2:49-50 F '54. (MLRA 7:2)
(Steam boilers)

618. Brik, P. M., and Grosman, D. A., The results of investigations of the hydraulic resistance of throttle plates [illegible]

[illegible] 1948, Rev. [illegible]

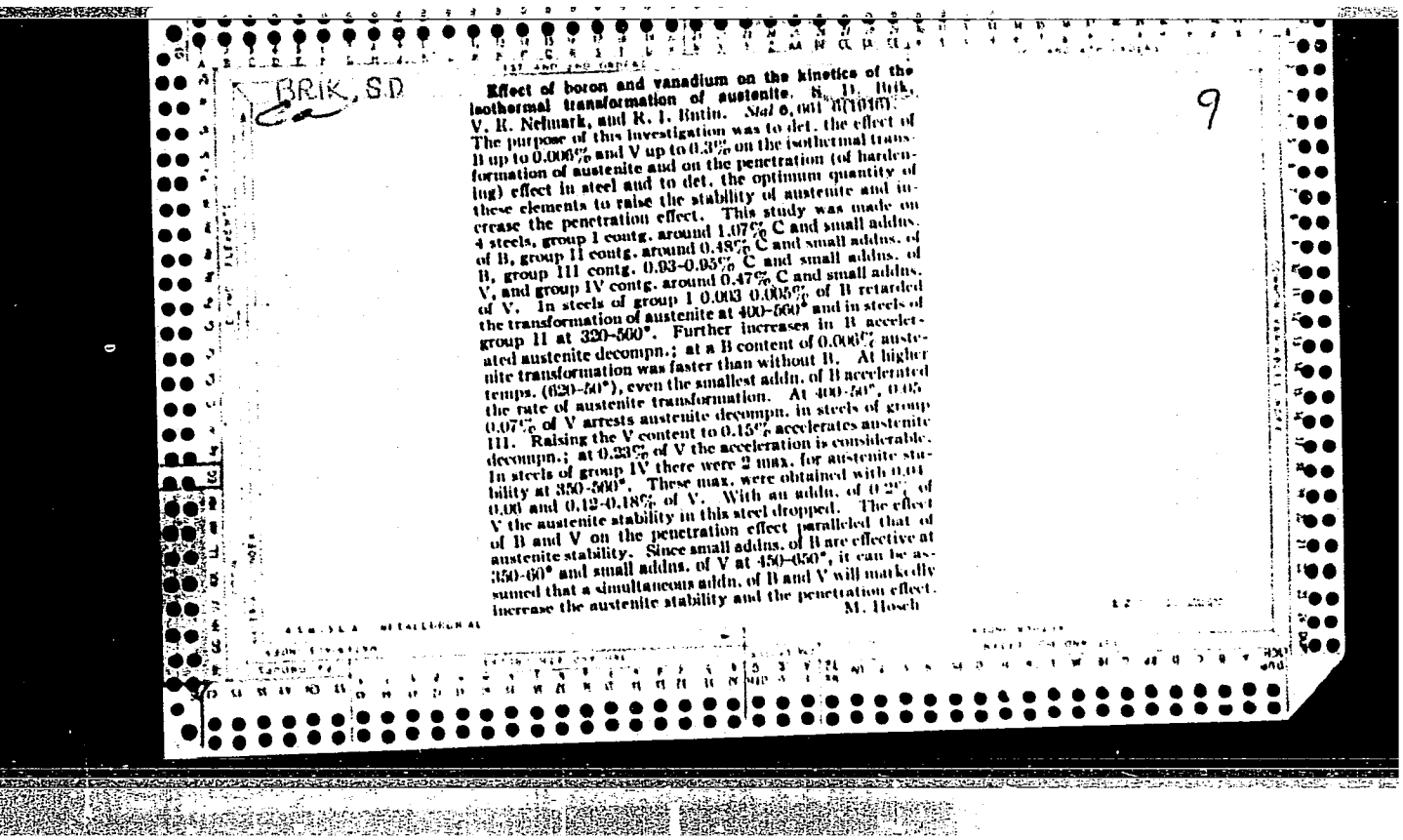
The experimental determination [illegible] throttle plates is described, adaptable for extinguishing excess pressure of water in local systems of heating and ventilation [illegible] are fed from a heating network and not furnished with automatic apparatus of control.

Based on the data obtained, it is shown that the coefficient of discharge is the coefficient of the ratio between the diameter of the opening in the plate and the diameter of the pipe and the ratio between the thickness of the plate and the diameter of its opening. The meaning of the coefficient of discharge is stated. It is obtained by experimental methods and calculated by means of formulas ordinarily accepted for adaption in this type of work.

Practical indications are given for the determination of reliable values of the indicated coefficient, corresponding to the working data. [illegible]

Courtesy Referativnyi Zhurnal

Translation, courtesy Ministry of Supply, England

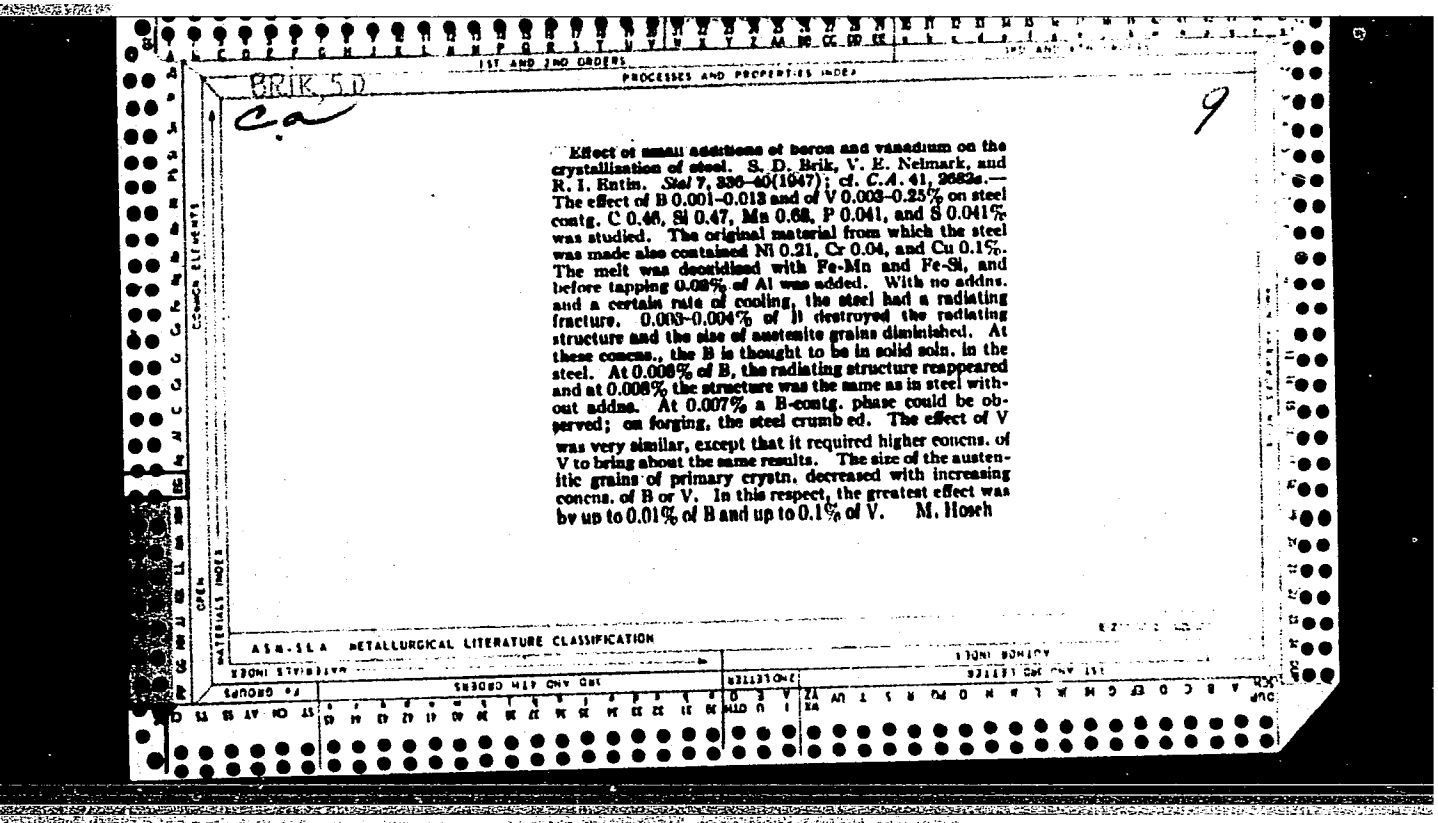


BRIK, S.D

Effect of boron and vanadium on the kinetics of the isothermal transformation of austenite. S. D. Brik, V. R. Nelmark, and R. I. Entin. *Stal* 6, 661–8(1946). The purpose of this investigation was to det. the effect of B up to 0.006% and V up to 0.3% on the isothermal transformation of austenite and on the penetration (of hardening) effect in steel and to det. the optimum quantity of these elements to raise the stability of austenite and increase the penetration effect. This study was made on 4 steels, group I contg. around 1.07% C and small addns. of B, group II contg. around 0.48% C and small addns. of B, group III contg. 0.93–0.95% C and small addns. of V, and group IV contg. around 0.47% C and small addns. of V. In steels of group I 0.003 0.005% of B retarded the transformation of austenite at 400–560° and in steels of group II at 320–500°. Further increases in B accelerated austenite decompn.; at a B content of 0.006% austenite transformation was faster than without B. At higher temps. (620–50°), even the smallest addn. of B accelerated the rate of austenite transformation. At 400–50°, 0.05 0.07% of V arrests austenite decompn. in steels of group III. Raising the V content to 0.15% accelerates austenite decompn.; at 0.23% of V the acceleration is considerable. In steels of group IV there were 2 max. for austenite stability at 350–500°. These max. were obtained with 0.01 0.00 and 0.12–0.18% of V. With an addn. of 0.2% of V the austenite stability in this steel dropped. The effect of B and V on the penetration effect paralleled that of austenite stability. Since small addns. of B are effective at 350–60° and small addns. of V at 450–650°, it can be assumed that a simultaneous addn. of B and V will markedly increase the austenite stability and the penetration effect.

M. Hosch

9



BRIK, S.D.

Ca

9

Effect of small additions of boron and vanadium on the crystallization of steel. S. D. Brik, V. E. Neimark, and R. I. Entin. *Stal* 7, 336–40(1947); cf. *C.A.* 41, 2683a.—The effect of B 0.001–0.013 and of V 0.003–0.25% on steel contg. C 0.46, Si 0.47, Mn 0.68, P 0.041, and S 0.041% was studied. The original material from which the steel was made also contained Ni 0.21, Cr 0.04, and Cu 0.1%. The melt was deoxidized with Fe-Mn and Fe-Si, and before tapping 0.08% of Al was added. With no addns. and a certain rate of cooling, the steel had a radiating fracture. 0.003–0.004% of B destroyed the radiating structure and the size of austenite grains diminished. At these concns., the B is thought to be in solid soln. in the steel. At 0.008% of B, the radiating structure reappeared and at 0.008% the structure was the same as in steel without addns. At 0.007% a B-contg. phase could be observed; on forging, the steel crumbled. The effect of V was very similar, except that it required higher concns. of V to bring about the same results. The size of the austenitic grains of primary crystn. decreased with increasing concns. of B or V. In this respect, the greatest effect was by up to 0.01% of B and up to 0.1% of V. M. Hosch

BRIK, S. D.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Metallurgy and Metallography

Met

Isothermal quenching of high-speed steel. Yu. A. Geller and S. D. Brik (Inst. Chem. Machine Building, Moscow). *Vestnik Mashinostroeniya* 33, No. 10, 53-6(1953).—Isothermal quenching of high-speed steel at 200–300° greatly lowers its magnetic satn. obtained after conventional heat-treatment and produces hardness of only 56–8 Rockwell C. Acicular troostite can be seen after 3 hrs. at 240–300°, composed of α-Fe with the same C and alloy content as oil-quenched martensite tempered at 240–300°. The low hardness can be increased to 63–5 Rockwell C by retempering at 500–600°. This treatment increases the dimensions of the stock more than conventional, but it does not introduce any stresses producing addnl. deformation which, therefore, remains 2.5–3 times lower than in the usual treatment.

J. D. Gat

BRIK, S.D., referent.

Utilizing ultrasonic oscillations in steel heat treatment. Biul. TSNIICHM no.15:56-59 '57. (MIRA 11:5)
(Ultrasonic waves--Industrial applications)
(Steel--Heat treatment)

BRIK, S.D., inzh.

Strain ageing of low carbon steels. Biul. TSNIICHM no.16:32-43 '57.
(Steel--Testing) (MIRA 11:5)

BRIK, S.D., referent.

Heating billets by molten glass. Biul. TSNIICHM no.16:55-56 '57.
(Glass) (Furnaces) (MIRA 11:5)

BRIK, S.D., referent

Hot pressing of pipe ingots. Biul.TSNIICHM no.17:61 (325) '57.
(MIRA 11:4)
(Dies (Metalworking))

BRIK, S.D., referent.

Effect of finish annealing conditions on magnetic properties of transformer steel. Biul. TSNIICHM no.21:60-61 '57. (MIRA 11:5)
(Steel--Heat treatment)

BRIK, S. D.

BRIK, S.D., referent

Forced heating of steel ingots (from "Journal of the Iron and steel Institute" no. 11, 1956). Biul. TSNIICHM no.23:49-51 '57. (MIRA 11:2)

(Great Britain--Steel ingots)

ERIK, S.D., referent

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(Metal cleaning)
(Ultrasonic waves--Industrial applications)

BRIK, S.D., referent.

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(Steel--Testing) (MIRA 11:5)