"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

AUTHOR: Shnayder, B.I., Engineer, Learned Secretary 135-58-20/20

TITLE: Review of the "Manual for Gas-Welding Operators". Edited by K. K. Khrenov, Member of AS UkrSSR (Retsenziya na knigu "Spravochnik gazosvarshchika" pod redaktsiyey akademika AN USSR K. K. Khrenova)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 8, pp 47 - 48 (USSR)

ABSTRACT: This is the review of a manual for gas-welding operators composed by M. M. Bort, G. V. Vasil'yev, N. A. Gorpenyuk and A. D. Kotvitskiy. It was published in 1957.

ASSOCIATION: Sektsiya svarki Kiyevskogo obl. pravleniya NTO Mashprom (Welding Section, Kiyev oblast NTO Mashprom Administration)

1. Welders--Manual 2. Books--Review

Card 1/1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 15741-65 EWT(m)/EWA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(b) Pf-4 JD/HM/HW
ACCESSION NR: AP4045460 S/0125/64/000/009/0075/0078

AUTHOR: Petrov, A. V. (Candidate of technical sciences, Moscow); Slavin, G. A. (Candidate of technical sciences, Moscow); Shnayder, B.I. (Engineer)

TITLE: Warping of edges in welding steel sheets thinner than 0.6 mm

SOURCE: Avtomaticheskaya svarka, no. 9, 1964, 75-78

TOPIC TAGS: welding thin steel sheet welding, thin stainless sheet welding, sheet edge warpage, warpage prevention, clamping device

ABSTRACT: Clamping devices and various factors affecting their effectiveness in preventing warping of the edges in structures welded from sheets thinner than 0.6 mm have been investigated. The best results were obtained with a pneumatically operated, piano-key-type clamping device the keys of which were 40--50 mm long and 20--40 mm wide, and were made of a nonmagnetic material (to reduce arc straying). In butt welding of stainless steel sheets 0.3--0.6 mm thick, the optimum pressure for clamping sheets to the back-up plate was 2.0--2.5 kg/cm^2; the optimum distance between the clamp keys increased from 4--6 mm for sheets 2--3 mm thick to 5--7 and 6--8 mm for sheets

Card 1/2

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L 15741-65
ACCESSION NR: AP4045460

0.4--0.5 and 0.6 mm thick, respectively. Welding in a helium atmosphere reduced edge warping 1.5 times, compared with welding in argon, but maintaining a stable low-amperage arc is difficult, and the weld shape is unsatisfactory. A stable arc is best maintained in a mixture of 40--50% He and 40--50% Ar, but in this medium the edge warping is reduced by only 12--15%. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Institut elektrosvarki im. Ye. O. Patona, AN UkrSSR (Electric Welding Institute, AN UkrSSR)

SUBMITTED: 10Jan64 ENCL: 00 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 23333-65
ACCESSION NR: AP5001194 S/0125/64/000/012/0065/0067

AUTHOR: Esibyan, E. M. (Candidate of technical sciences); Shnayder, B. I. (Engineer) 13

TITLE: Argon-arc welding of longitudinal seams of thin-walled boiler shells of small diameters

SOURCE: Avtomaticheskaya svarka, no. 12, 1964, 65-67

TOPIC TAGS: argon arc welding, boiler shell welding, automatic welding, tungsten electrode arc welding

ABSTRACT: The authors developed a technique for argon-arc welding of longitudinal seams of boiler shells of 10 to 100 mm diam. and wall thickness of 0.1 to 0.5 mm. The most suitable source for this purpose was found to be the AP-2 of the Simpheropol Electro-Machine Works designed for a low current arc with a nonmelting tungsten electrode developed at IEANUK. The rims must be carefully prepared for better results, particularly in automatic welding. The investigation shows that seams of good quality can be obtained only if the gap between

Card 1/2

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L 23333-65
ACCESSION NR: AP5001194

the rims does not exceed 15% of the wall thickness. An applicator is described which permits an accurate closure of the rims before welding. Orig. art. has: 2 figures.

ASSOCIATION: Institut elektrosvaki im. Ye. O. Patona AN UKrSSR (Institute of Electric Welding AN UKrSSR)

SUBMITTED: 10Apr64 ENCL: 00 SUB CODE: MM

NR REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, B.I.; SHABLYA, K.A.

Seminar on hard facing. Avtom. svar. 17 no.8:90-91 Ag '64.
(MIRA 17:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

[illegible], [illegible]. (Moskva); SIAVIN, G.A. (Moskva); SHNAYDER, B.I.

Warping of the edges during the welding of steel of less than 0.6mm in thickness. Avtom. svar. 17 no.9:75-78 S '64. (MIRA 17:10)

1. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR (for Shnayder).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

ASTBYAN, E.M.; SHNAYDER, B.I.

Argon arc welding of longitudinal seams of thin-section, small-diameter shells. Avtom. svar. 17 no.12:65-67 D '64 (MIRA 18:2)

1. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 8856-66 EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(c) JD/HM/HW

ACC NR: AP5026295 SOURCE CODE: UR/0125/65/000/010/0058/0059

57
13

AUTHOR: Esibyan, E. M. (Candidate of technical sciences); Shnayder, B. I.
44,55

ORG: Electrical Welding Institute im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR)
44,55

18

TITLE: Continuous argon shielded-arc welding of thin-wall, small-diameter tubes

SOURCE: Avtomaticheskaya svarka, no. 10, 1965, 58-59

TOPIC TAGS: arc welding, metal welding, pipe, thin wall tube, argon, TIG welding
18,44,55

ABSTRACT: 14 A laboratory unit for continuous TIG welding of tubes 3—8 mm in diameter with walls 0.1—0.4 mm thick has been developed. The power for the low-ampere arc is supplied by an AP-2 type rectifier. With a strict observation of optimum welding conditions, high-quality tubes without cracks, porosity, penetrations, or other defects were obtained. [ND]

SUB CODE: 13/ SUBM DATE: 20Jan65/ ORIG REF: 003/ ATD PRESS: 4152

EWR

Card 1/1 UDC: 621.791.856

2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 16672-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(l) IJP(c)

ACC NR: AP6004144 SOURCE CODE: UR/0125/66/000/001/0079/0080
JD/HM/JG

AUTHOR: Shnayder, B. I.

ORG: none

103
48
B

TITLE: All-Union Conference on fusion welding of thin-metal sections

SOURCE: Avtomaticheskaya svarka, no. 1, 1966, 79-80

TOPIC TAGS: metallurgic conference, welding, arc welding, pulse welding, electron beam welding, automatic welding, welding equipment, welding technology, TIG welding, butt welding, steel, copper, molybdenum base alloy, titanium alloy, sheet metal

ABSTRACT: The First All-Union Conference on Fusion Welding of Thin-Metal Sections was held in Odessa on 7-9 October 1965 under the sponsorship of the Institute of Electric Welding im Ye. O. Paton and the Scientific-Engineering Society of the Machine Building Industry. The conference was attended by more than 220 representatives of scientific and educational institutions and enterprises of the machine-building, instrument-making, and other branches of industry.

A. V. Petrov (Moscow) discussed new methods of arc welding thin sheets, the causes of "burn-through," and the pulsed-arc method of welding. This method can be mechanized or manual, the latter being suitable for the repair of defects in thin-sheet welds.

Card 1/4 UDC: 621.791.001.8

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 16672-66
ACC NR: AP6004144

29

G. A. Slavin, A. V. Petrov, Ye. A. Skvortsov, and A. A. Koltushkin reported on investigations of the thermal and technological characteristics of pulsed-tungsten arc welding.

V. S. Popenko, D. A. Vinogradov, and V. M. Mironov spoke about welding ultrathin structural parts and about a newly developed ASTE-7 welder for argon, helium, or argon-helium shielded arc welding of longitudinal, circular, and circumferential joints in thin-sheet parts.

Ye. N. Sivov, V. V. D'yachenko, and B. P. Morozov (MATI) reported on electron-beam welding and controlled-atmosphere automatic arc welding of dissimilar metals such as PM-2A alloy and Kh18N10T steel, VN2 alloy and IKh18N9T steel, and VN2 alloy with TsM-2A molybdenum-base alloy.

The report of M. I. Kuklova, G. A. Slavin, and A. N. Novikov dealt with welding thin-wall aluminum and stainless-steel tubes in a fixed position. Pulsed-arc welding was found to be suitable for this type of work. Special automatic equipment operating either at a uniform welding speed or according to a preset program, with or without filler wire, has been developed for field welding of fixed tube joints.

A. V. Petrov and Z. G. Verbitskiy spoke on studies of the technological parameters of welding with a constricted arc, which ensures 30-40% deeper penetration than an open arc.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 16672-66

ACC NR: AP6004144

19

L. I. Kushnarev, A. F. Garbulya, and Yu. A. Kazan (Leningrad) discussed welding of thin sheets with direct and indirect constricted arcs. Argon-helium or argon-hydrogen mixtures were found to produce better results in welding with a direct arc than individual gases.

O. A. Maslyukov (Moscow) discussed ways of preventing porosity in metal and alloy welds and a new method of argon-shielded arc welding in which degassing of the melting pool and weld formation are activated thermochemically. This method is an effective tool in fighting gas porosity in titanium alloy welds and in welds of some other structural alloys.

A. I. Filippov, Yu. V. Bulatov, and M. I. Zakharenkov (Moscow) reported on a technique involving the use of a thermal screen, which was developed for vacuum-tight welding of copper sections 0.5—2.0 mm thick to 1Kh18N9T steel sections 0.05—0.5 mm thick.

A. M. Boldyrev and Ye. G. Antonov (Moscow) discussed their experience in TIG welding vacuum-tight AMg6 alloy structures.

F. E. Barutkin discussed submerged-arc welding of thin 12G2A, 12Kh5MA, 1Kh21N5T, 25KhGSA, and 24KhSNVFA steel sheets over 1.5 mm thick and TIG welding of high-strength corrosion-resistant and hardenable steels 0.6—5 mm thick.

Card 3/4

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 16672-66

ACC NR: AP6004144

A. G. Kobozev, I. M. Berezovskaya, A. A. Stepanov, and I. Z. Gordon reported on welding of high-pressure containers made of thin SP-28 steel sheets. It was found that pulsed-arc TIG welding is the most suitable process for making butt welds in superstrength steel sheets. [ATD PRESS: 4193-F]

SUB CODE: 13 / SUBM DATE: none

Card 4/4 mc

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

ESIBYAN, E.M.; SHNAYDER, B.I.

Argon-arc welding of longitudinal seams in small-diameter, thin-walled, continuous tubes. Avtom. svar. 18 no.10:58-59 O '65. (MIRA 18:12)

1. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

L 04653-67 EWP(c)/EWP(k)/EWT(d)/EWT(m)/T/EWP(v)/EWP(t)/EWP(1 /ETI IJP(c)

ACC NR: AP6014442 SOURCE CODE: UR/0125/65/000/012/0070/0071

AUTHORS: Shnayder, B. I.; Abralov, M. A. JD/HM

ORG: none

39
B

TITLE: Crystallization of welding vat during welding of thin metal specimens

SOURCE: Avtomaticheskaya svarka, no. 12, 1965, 70-71

TOPIC TAGS: welding, steel, welding technology, welding inspection, seam welding / 1Kh18N10T steel

ABSTRACT: The crystallization process taking place in the welding vat (seam) during welding of thin 1Kh18N10T steel specimens (0.3--1.0 mm) was studied. The process was studied by motion picture techniques. Pictures of the experimental installation and of the welding vat at various stages of crystallization are presented. It was found that crystallization sets in at the lower metal edge, is arrested briefly, and is completed in 0.488 seconds. Orig. art. has: 2 graphs.

SUB CODE: 11/ 13/ SUBM DATE: none

KH

Card 1/1 UDC: 621.791.856:542.65

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

ACC NR: AP6021797 (A) SOURCE CODE: UR/0413/66/000/012/0061/0062

INVENTORS: Paton, V. Ye.; Esibyan, E. M.; Shnayder, B. I.; Mutsenko, B. S.; Svetsinskiy, A. S.; Litovchuk, V. B.

ORG: none

TITLE: A device for arc welding under argon. Class 21, No. 182809 [announced by Institute of Electric Welding im. Ye. O. Paton (Institut elektrosvarki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 61-62

TOPIC TAGS: welding, arc welding, inert gas welding, welding equipment, welding technology

ABSTRACT: This Author Certificate presents a device for arc welding (under argon) of capillary and thin-walled tubes of small diameters. The device contains a driving mechanism, feeding and positioning rollers, a torch, and a protecting chamber (see Fig. 1). To produce a high quality of welding, the positioning rollers are located directly under the electrode of the welding head, while the protecting chamber is made in the form of a closed pipe cooled with water and provided with a gas-supplying

Card 1/2 UDC: 621.791.753.93.037

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ACC NR: AP6021797

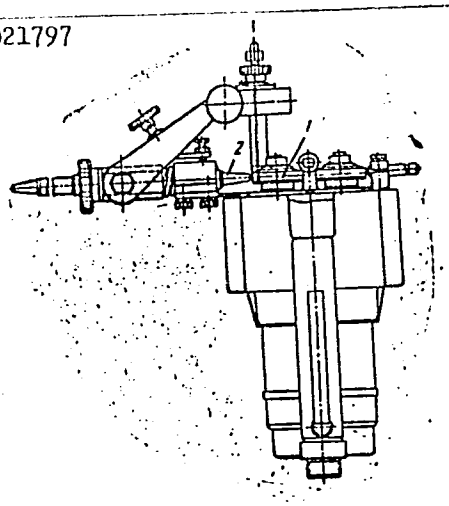

Fig. 1. 1 - positioning rollers; 2 - protecting chamber

flexible hose. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 14Jul65

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

ACC NR: AP7004193 (N) SOURCE CODE: UR/0125/67/000/001/0026/0030

AUTHOR: Dyatlov, V. I.; Abralov, M. A.; Shnayder, B. I.

ORG: [Dyatlov; Abralov] Kiev Polytechnic Institute (Kiyevskiy politekhnicheskiy institut); [Shnayder] Electric Welding Institute im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki)

TITLE: Primary crystallization in the metal bath during the welding of light gage material

SOURCE: Avtomaticheskaya svarka, no. 1, 1967, 26-30

TOPIC TAGS: crystallization, metal crystallization, metal crystal, metal inspection, metal welding

ABSTRACT: A welding bath crystallization process, which occurs during low voltage arc welding of light-gage metals (0.2 to 0.1 mm), has been recorded cinematographically. Crystallization begins at the edges of the bath and proceeds stepwise, at low welding speeds, from one fusion line to another towards the weld axis with some overlapping of the latter. Crystallization in the welding bath

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proceeds at variable rates. The period of accelerated crystal growth is followed by periods of extremely inhibited growth. Orig. art. has: 5 figures. [AM]

SUB CODE: 13/SUBM DATE: 24Nov65/ORIG REF: 009/

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

BYCHKOV, A.A.; SHNAYDER, B.Ya.

Organizing the production of canned baby food at the Odessa Canning Combine. Kons. i ov. prom. 14 no.8:20-22 Ag '59. (MIRA 12:9)

1.Odesskiy konservnyy kombinat (for Bychkov). 2.Odesskiy sovnarkhoz (for Shnayder).
(Odessa--Food, Canned) (Infants--Nutrition)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

GOL'DENBERG, Ya. M.; SHNAYDER, B. Ya.

Preserved semiprocessed foods for restaurants and lunch-rooms. Kons.i ov.prom. 15 no.4:17-19 Ap '60. (MIRA 13:6)

1. Odesskiy sovnarkhoz (for Gol'denberg). 2. Khimiko-tekhnologicheskaya laboratoriya Odesskogo sovnarkhoza (for Shnayder).
(Food--Preservation)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

LIBOV, Aleksandr Leonidovich, prof.; SHNAYDER, B.Ye., red.; BUGAROVA, T.I., tekhn. red.

[Epidemic hepatitis; Botkin's disease]Epidemicheskii gepatit; bolezn' Botkina. Leningrad, Medgiz, 1962. 15 p. (MIRA 15:10)

(HEPATITIS, INFECTIOUS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHCHERBA, Mikhail L'vovich, prof.; SHNAYDER, B.Ye., red.; BUGROVA, T.I., tekhn. red.

[Diseases of the kidneys]Bolezni pochek. Leningrad, Medgiz, 1962. 27 p. (MIRA 15:9)

(KIDNEYS—DISEASES)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SMORODINTSEV, Anatoliy Aleksandrovich; KAZBINTSEV, Lev Ivanovich; CHUDAKOV, Valentin Georgiyevich; GOL'SHTEYN, N.I., red. [deceased]; SHNAYDER, B.Ye., red.; KHARASH, G.A., tekhn.red.

[Viral hemorrhagic fevers] Virusnye gemorragicheskie likhoradki. Leningrad, Medgiz, 1963. 291 p. (MIRA 17:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

TRIUMFOV, Aleksandr Vikterovich; SHVAREV, A.I., dots., red.; SHNEYDER, B.Ye., red.

[Topical diagnosis of diseases of the nervous system; a brief manual] Topicheskaia diagnostika zabolevanii nervnoi sistemy; kratkoe rukovodstvo. Izd.5. Leningrad, Meditsina, 1964. 258 p. (MIRA 17:8)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

MERKOV, A.M., prof., red.; TSERKOVNYY, G.F., kand. med. nauk, red.; KAUFMAN, B.D., kand. med. nauk, red.; SHNAYDER, B.Ye., red.

[Morbidity and mortality from malignant tumors among the population of the U.S.S.R.] Zabolevaemost' i smertnost' naseleniia SSSR ot zlokachestvennykh novoobrazovanii. Leningrad, Medgiz, 1962. 54 p. (MIRA 18:7)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHATKIN, Anatoliy Al'bertovich; SHNAYDER, B.Ye., red.

[Trachoma; its etiology and etiotropic treatment] Trakhoma etiologiia i etiotropnoe lechenie. Leningrad, Meditsina, 1965. 185 p. (MIRA 19:1)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, D.L.; VAN'KOV, G.

Veterinary services to communal stockbreeding in Novoselitsa District. Veterinariia 32 no.11:12-14 N '55. (MLRA 8:12)

1.Glavnyy veterinarnyy vrach Noveselitskogo rayona, Chernovitskoy oblasti (for Shnayder).2.Upravleniye sel'skokhozyaystvenney propagandy Chernovitskogo oblastnogo upravleniya sel'skogo khozyaystva.
(NOVOSELITSA DISTRICT--VETERINARY MEDICINE)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

COUNTRY : USSR
CATEGORY : Farm Animals. Q
General Problems.

ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25783

AUTHOR : Shnayder, D. L.
INST. : Novoselitsa Station of Artificial Insemination
TITLE : The First Steps in the Work of the Artificial Insemination Station.

ORIG. PUB. : Sots. tvarinnitstvo, 1958, No 2, 24-26

ABSTRACT : At its new premises, the Novoselitsa Station for artificial insemination (AI) of the Chernovitskaya oblast maintains 8 Simmenthal breed bulls of whom 7 are choice animals and 1 is first grade. Within the first year of work (1957), 5,053 cows were inseminated through the station (averaging 842 heads per each bull). In well organized kolkhoz insemination stations the percentage of fertilized cows reaches 88-91. A detailed description is given of the station's work in the technique of obtaining sperm, its

Card: 1/2

COUNTRY : USSR
CATEGORY :

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : processing, storage and transportation to the kolkhozes' insemination stations, as well as of the feeding and keeping of bulls and of the organization of AI stations. -- B. I. Kazachek

CARD: 2/2

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L 55137-65 EWT(m)/EWP(i)/EWG(m)/T/EWP(t)/EWP(b)/EWP(z)/EWA(c) Pad IJP(c) RWH/

ACCESSION NR: AP5012346 JD/HW UR/0364/65/001/004/0418/0421
541.138.2:546.11

29
27
B

AUTHOR: Ps.enichnikov, A. G.; Shnayder, G. I.; Burshteyn, R. Kh.

TITLE: Electrochemical oxidation of hydrogen on partially submerged smooth metal electrodes

SOURCE: Elektrokhimiya, v. 1, no. 4, 1965, 418-421

TOPIC TAGS: hydrogen, oxidation, nickel, electrode

ABSTRACT: The purpose of this study was to find direct evidence for the existence of a thin film of electrolyte on an electrode partially immersed in a liquid, and to determine the thickness of this layer. The investigations were carried out with hydrogen as the reactive gas phase on a partially immersed smooth nickel electrode. Two electrodes made from spectral grade Ni foil were used. The electrodes were immersed in 1 *N* KOH. The measurements were made in an instrument in which the nickel electrode could be raised by a special device from the solution into the gas medium. In another instrument the extent to which the electrode was exposed above the solution was controlled by changing the level of the electrolyte in the cell. The ex-

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ACCESSION NR: AP5012346

2

periments were carried out in the 21-72°C interval. Measurements of potential were made with respect to the hydrogen electrode in the same solution and at the same temperature. The accuracy of current measurements was 0.1 μa. Equations are derived by which the thickness of the electrolyte film above the bulk of the solution, δ, can be evaluated. At 21°C the value of δ for the two nickel electrodes which were used was found to be $1.8 \cdot 10^{-5}$ cm and $2.5 \cdot 10^{-5}$ cm respectively. "The authors wish to express their gratitude to Academician A. N. Frumkin for his participation in the discussion of the results of this work." Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Institut elektrokhimii Akademii nauk SSSR (Institute of Electrochemistry, Academy of Sciences, SSSR)

SUBMITTED: 26May64 ENCL: 00 SUB CODE: EM, IC

NO REF SOV: 007 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

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PSHENICHNIKOV, A.G.; SHNAYDER, G.I.

Hydrogen oxidation on a partially immersed nickel electrode when passivation is involved. Elektrokhimiia 1 no.6:640-644 Je '65. (MIRA 18:7)

1. Institut elektrokhimii AN SSSR.

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SHNAYDER, G.S.

USSR

Effect of boron trifluoride on orientation of the nitro group in the benzene ring in the nitration of phenol and aniline. A. V. Topchiev, V. P. Alaniya, and G. S. Shnaider. *Doklady Akad. Nauk S.S.S.R.* 95, 89-92(1954).—PhOH was satd. with BF_3, nitrated with an equimolar amt. of HNO_3 at 5-20°, the *o*-nitrophenol removed by steam distn., and the residual mixt. of *m*- and *p*-isomers isolated as the K-salt mixt. and converted to the free phenols and then to the corresponding nitrophenyl benzyl ethers by reaction with $PhCH_2Cl$, and the compn. of the products was detd. by m.p. (cf. Arnall, C.A. 18, 674). In the presence of BF_3 up to 9.4% *m*-nitrophenol is formed on nitration by 10% HNO_3; without BF_3 only the *o*- and *p*-isomers form. With 20% HNO_3 or higher, much tar resulted. In addn. to the increase of *m*-orientation, the BF_3 complex also tends to increase somewhat the total yield of nitration products.

Nitration of the $PhNH_2.BF_3$ complex at 0° with HNO_3 (d. 1.526) and H_2SO_4 (d. 1.84) gave a mixt. of 13% *o*- and 67% *m*-nitroaniline, along with about 20% *p*-isomer. The results are explainable by the expected electronic effect of coördination of BF_3. G. M. Kosolapoff

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AUTHORS: Cherenkov, A.A., Al'tshuler, A.E., Ryzhkova, E.M., Gol'dshteyn, L.D., Shnayder, G.S., Osipov, L.N., and Zhadanovskiy, N.B.

65-6-6/13

TITLE: Hydropurification of sulphurous petroleum products on an industrial installation. (Gidroochistka sernistykh nefteproduktov na promyshlennoy ustanovke).

PERIODICAL: "Khimiya i Tekhnologiya Topliva i Masel" (Chemistry and Technology of Fuels and Lubricants) 1957, No.6, pp.36-41 (USSR).

ABSTRACT: It is expected that hydropurification of sulphurous petroleum products will be widely used in the U.S.S.R. in the near future. On the basis of data on the process obtained by VNII NP and LEN NII, an industrial plant was designed and built by Giproneftezavod on one of the refineries. The plant is described (fig.1). The process is carried out using alumo-cobalt-molybdenum catalyst (developed by VNII NP) and hydrogen (99%), obtained by catalytic conversion of hydrocarbon gases. Straight run distillates and secondary products are being treated to produce Diesel fuel (GOST 4749-49). Plant operating conditions are given in table 1 and the results of purification of straight run distillate from a mixture of Mukhanovskoy, Tuymazinskoy-Devonskoy and Bavlinskoy crude oils, light gas oil from

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Hydropurification of sulphurous petroleum products on an industrial installation. (Cont.) 65-6-6/13

catalytic cracking (from 200-500° fraction) and a 1:1 mixture of the above two distillates in table 2. The degree of desulphurisation 95.2-95.8%. The analysis of gases obtained during hydropurification is given in table 3. The circulating gas before the absorber (with monoethanolamine) contained 0.7-0.9 volume % of hydrogen sulphide, after the absorber - 0.1%. The mean balance of the products of hydropurification is given in table 4. Hydrogen consumption for straight run distillate was 0.38 wt % and for gas oil from catalytic cracking - 0.71 wt %. Hydrogen used for the reaction was 0.27% and 0.60% respectively. The sulphur balance is given in table 5. Up to 0.03% of H_2S calculated on the raw material used is carried out with treated fuel and is removed by washing with 2.5 - 4% NaOH solution. The alkali consumption 0.1 kg per ton of Diesel fuel. The working period of the catalyst without regeneration is 8000 hrs. The regeneration of the catalyst is carried out at a temperature not exceeding 550° under 40 atm. pressure with a mixture of an inert gas with air. Initial oxygen concentration 0.2 - 0.25 vol % and at the end of the regenerating period is increased to 1.4%. When the main

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Hydropurification of sulphurous petroleum products on an industrial installation. (Cont.) 65-6-6/13

part of the "coke" was burned out, the remaining part was removed by increasing oxygen concentration to 2% and preheating the gas to 520-550 C (2 hours). Total duration of the regeneration process 20 hours. The initial activity of the catalyst is completely restored. When the plant was stopped for inspection it was found that the upper layer of the catalyst was covered with iron sulphide. Accumulations of iron sulphide were found in various places, i.e., the corrosion of the apparatus was noticeable. The parts of the apparatus containing H_2S and H_2 at high temperatures were made from steel X5M, the remaining part from mild steel. Apparently the corrosion resistance of X5M steel was insufficient. The precipitation of iron sulphide on the catalyst has no apparent influence on its activity. There are 5 tables and 1 figure.

ASSOCIATION: VNII NP; Orgneft).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

PANCHENKOV, G.M.; SHNAYDER, G.S. (Moskva)

Kinetics of reaction in the flow taking place in a nonsection reactor in a system of reactors connected in series, and in a sectional reactor with ideal mixing. Zhur. fiz. khim. 39 no. 1:100-104 Ja '65 (MIRA 19:1)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni I.M. Gubkina, Submitted February 28, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

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MALIK-AKHNAZAROV, T.Kh.; LIVSHITS, R.S.; OROCHKO, D.I.; SHNAYDER, G.S.

Effect of the sectionalization of the zone of reaction on the distribution and quality of end products in the catalytic cracking in a fluidized bed. Khim. i tekh. topl. i masel 10 no.12:32-35 D '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, I.D.

Public office of design at the Saratov Regional Electric Power Plant. Opyt rab. po tekh. inform. i prop. no.1:50-52 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

PINAYEV, A.K.; FEL'METSGER, V.I.; POLETAYEV, G.S.; MARCHENKO, V.G.; Prinimali uchastiye: RABICHEVA, L.M.; SYROVEGINA, K.V.; AFONIN, P.I.; SHNAYDER, I.F.; BOLOTIN, L.G.

Electrothermic method of obtaining zinc. TSvet.met. 36 no.2: 25-30 F '63. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov (for Rabicheva, Syrovegina, Levin). 2. Belovskiy tsinkovyy zavod (for Afonin, Shnayder, Bolotin).
(Zinc--Electrometallurgy)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

LYUKSEMBURG, M.S.; VAYSBERG, I.Ye.; MASLOV, I.G. [deceased]; SHNAYDER, I.S.; SHULENKOVA, I.Ye.

Norms for the expenditure of sole raw materials per area unit. Kozh.-obuv.prom. 2 no.7:8-11 Jl '60. (MIRA 13:8)
(Leather industry--Standards)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

ARBUZOV, S.V.; VAYSBERG, I. Ye.; SUCHKOV, V.G.; Prinimali uchastiye: LYUKSENBURG, M.S., nauchnyy sotrudnik; SHNAYDER, I.S., nauchnyy sotrudnik; PESKIN, Ya.I., nauchnyy sotrudnik.

New standard methodology for the manufacture of leather for sole parts from hogskins. Nauch.-issl. trudy TSNIKP no.33: 3-7 '63 (MIRA 18:1)

1. TSentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti (for Lyuksenburg, Shnayder, Peskin).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, L.A.

Mortality among Tiflis children in the 19th century. Sov. zdrav. 18 no.6:29-33 '59. (MIRA 12:8)

1. Iz Tbilisskoy detskoy bol'nitsy No.3 (glavnyy vrach Yu.I. Kochivari, nauchnyy rukovoditel' -- zasluzhennyy deyatel' nauki M.Kh.Ugrelidze).

(CHILD
mortal. of child. of Tbilisi in 19th century (Rus))
(VITAL STATISTICS
same)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, L.A.

V.I. Priselkov as a pediatrician. Vop. okh. mat. i det. 5 no. 2:93-94 Mr-Ap '60. (MIRA 13:10)

1. Zaveduyushchiy otdeleniyem Tbilisskoy detskoy bol'nitsy No. 3 (glavnyy vrach Yu.I. Kochivari, nauchnyy rukovoditel' - zasluzhenyy deyatel' nauki prof. M.Kh. Ugrelidze).
(PRISELKOV, VASILII IVANOVICH, 1828-1894)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, L.A.

Some sanitary and epidemiological and sanitary and educational measures in Georgia in the 19th century. Zhur.mikrobiol.epid.i immun. 33 no.5:130-133 My '62. (MIRA 15:8)

1. Iz Tbilisskoy detskoy bol'nitsy no.3.
(GEORGIA—PUBLIC HEALTH)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

FILIPPOV, N.I., gornyy inzh.; SHNAYDER, M.F., gornyy inzh.

New variation of the system of mining with ore recovery by blasting. Gor. zhur. no.2:30-33 F'62. (MIRA 17:2)

1. Leninogorskiy polimetallicheskiy kombinat.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

FILIPPOV, N.I., gornyy inzh.; SHNAYDER, M.F., gornyy inzh.

Effect of borehole deflection on the results of blasting. Gor. zhur. no.6:38-41 Je '64. (MIRA 17:11)

1. Leninogorskiy rudnik, g. Leninogorsk.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M.F., inzh.

Prevent poison gases resulting from explosions in the pit to penetrate underground workings. Bezop.truda v prom. 6 no.4: 6-8 Ap '62. (MIRA 15:5)

1. Leninogorskiy polimetallicheskiy kombinat.
(Mine gases--Safety measures)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

BUD'KO, [illegible]; KRIVENKOV, [illegible]; ARUTYUNOV, [illegible]; IOFIN, [illegible]; DRONOV, [illegible]; FOKIN, Yu.M.; CHUGUNOV, [illegible]; VERGUS, [illegible]; KUTUZOV, [illegible]; TEN, [illegible]; FILIPPOV, [illegible]; SHNAYDER, M.F.

Experiences in using the caving system with end drawing of ore. Gor. zhur. no.8:22-26 Ag '65. (MIRA 18:10)

1. Institut gornogo dela im. A.A. Skochinskogo (for Bud'ko, Krivenkov, Arutyunov). 2. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy institut tsvetnykh metallov (for Iofin, Dronov, Fokin). 3. Tyrnyauzskiy kombinat (for Chugunov, Vergus). 4. Leninogorskiy polimetallicheskiy kombinat (for Kutuzov, Ten, Filippov, Shnayder).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

VEDERNIKOV, P.G.; IVANKIN, P.F., doktor geologo-mineralogicheskikh nauk; SHNAYDER, M.S.

Recent data on small intrusions and sulfide mineralization in the upper Paleozoic coal-bearing stratum of the Rudnyy Altai. Vest.AN Kazakh.SSR 18 no.3:35-42 Mr '62. (MIRA 15:3)
(Altai Mountains--Ore deposits)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M.S.

Genesis of some structures in the ores of the Rukhlinskoye complex metal deposit. Izv.AN Kazakh.SSR. Ser.geol. no.5:64-71 '62. (MIRA 15:12)

(Altai Mountains—Ore deposits)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNEYDER, M.S.

Primary zoning of the Novosibaya [illegible] sulfide deposit. Mat. po geol. i pol. iskop. Uzh. Urala no. 3:100-106 '62.
(MIRA 17:7)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M.S.; BESEMYEV, Kh.A.

Types of ores and mineral paragenesis in the Tishinskoye deposit of the Rudnyy Altai. Trudy Alt.GMNII AN Kazakh.SSR 16:120-131 '63. (MIRA 17:10)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M.S.; SHNAYDER, A.A.

Textural and structural chracteristics and the mineral paragenesis of ores in the Kamysh deposit. Trudy Alt.GMNII AN Kazakh.SSR 16:158-171 '63. (MIRA 17:10)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

BESPAYEV, Kh.A., kand. geologo-mineralog. nauk; SHNAYDER, M.S.

Supergene pyrite in ores of the Tishinka deposit. Vest. AN Kazakh. SSR 21 no.9:81-83 S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M.S.; ASTAF'YEV, M.P.

Magnatogenic breccias of the Novo-Zolotushinskoye pyrite complex in the Rudnyy Altai. Sov.geol. 8 no.11:78-90 N '65. (MIRA 19:1)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, M. V.

CA 18

The production of alumina. M. V. Shnakler. *J. Chem. Ind.* (U. S. S. R.) 17, No. 3, 50-2(1940).—The growth of the industry in the U. S. S. R. is described.
H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BOGATYRENKO, Zakhariy Semenovich; SHMAKOV, Ivan Stepanovich, kand. ekonom.nauk; GANSHTAK, Vladimir Iosifovich, kand.ekonom.nauk; SHNAYDER, Mikhail Vladimirovich; SAVCHENKO, Ye.V., tekhn.red.

[Basic means for reducing industrial costs] Osnovnye puti snizheniia sebestoimosti promyshlennoi produktsii. Moskva, Ob-vo "Znanie", 1959. 79 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3, Ekonomika, nos.26-27) (MIRA 12:8)

1. Nachal'nik planovogo otdela zavoda "Kauchuk" (for Shnayder).
(Costs, Industrial)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, O. Ya.; GORFINKEL', M. I.

Automatic device for filling batchmeters which takes into account the concentration of liquid. Khim. prom.[Ukr.] no.1:72-73 Ja-Mr '62. (MIRA 15:10)

(Proportioning equipment) (Liquid level indicators)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, S.M.

The 2K77 pipe-cutting machine. Biul. tekh.-ekon. inform. no. 4:31-32 '61. (MIRA 14:5)

(Pipe cutting—Equipment and supplies)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, S.M.

The 2K34 and 2k35-type machine tools. Biul.tekh.-ekon.inform. no.5:21-23 '58. (MIRA 11:7)
(Grinding machines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, S.M.

The DF127-type special vertical milling machine. Biul.tekh.-ekon. inform. no.12:24-25 '58. (MIRA 11:12)
(Milling machines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, S.M.

The DF-136 copy milling machine. Biul.tekh.-ekon.inform. no.10:28-30 '60. (MIRA 13:10)

(Milling machines)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Sh. (g. Leningrad)

"Vibration boring in soil" by B.M. Gumenskii, N.S.Komarov. Reviewed by Sh.Shnaider. Zhil.-kom. khoz. 11 no.2:32 F '61. (MIRA 14:5)
(Boring) (Gumenskii, B.M.) (Komarov, N.S.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

OKHOTIN, V.V.; SHNAYDER, Sh.M.

Determining the origin of soils according to their physicomechanical properties. Uch.zap.Len.un. no.102:163-170 '50.
(MIRA 10:1)

(Soil physics)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

NIKITENKO,F.A.; SHNAIDER,Sh.M..

"Principles of geology for railroad builders." Reviewed by F.A. Nikitenko, Sh.M.Shnaider. Transp. stroi. 6 no.6:32 Je '56. (MLRA 9:9)

1.Glavnyy geolog ekspeditsii Lengiprotransa.
(Engineering geology)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHLAYDER, Sh.M., inzh.

Using the method of compression in investigating settling properties of soils. Transp. stroi. 7 no.12:27 D '57. (MIRA 11:2)
(Soil mechanics)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Shika Markovich. Prinimali uchastiye: GAL'PERIN, S.V.; KOMAROV, N.S., dots.; SIDOROV, N.N., nauchnyy red.; RUSAKOVA, L.Ya., ved. red.; SAFRONOVA, I.M., tekhn. red.

[Manual for geological engineers on linear studies]Spravochnik inzhenera-geologa lineinykh izyzkanii. Leningrad, Gostoptekhizdat, 1962. 28[illegible] p. (MIRA 16:1)
(Engineering geology)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, V. I.

PA 160T65

USSR/Metals - Coatings, Metallic Transparency

Apr 50

"Photometric Transparency Control of Translucent Coatings," V. I. Shnayder, 1 p

"Zavod Lab" Vol XVI, No 4

Describes method for measuring transparency of translucent metal coatings on glass during process of depositing metal in vacuum. Relative error is not higher than 1%. Simple photometer employed in method is very convenient in plant practice.

[redacted]

160T65

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ya.

For Soviet people. NTO 3 no.8:38-39 Ag '61. (MIRA 14:9)
(Ukraine--Industry--Technological innovations)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ya. (Tallin)

Tallinn House of Trade. Sov.torg. 34 no.5:28-30 My '61. (MIRA 14:5)

(Tallinn--Department stores)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ya.

Artist and machinery designer work together. NTO 6 no.1:13-15 Ja '64
(MIRA 17:2)

1. Rukovoditel' gruppy Vsesoyuznogo nauchno-issledovatel'skogo instituta tekhnicheskoy estetiki.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.B.

Case of dermatomyositis. Zdravookhranenie 2 no.5:46-47 S-O '59. (MIRA 13:4)

1. Iz 3-y gorodskoy bol'nitsy g. Kishineva (glavnyy vrach L.A. Torchinskaya).

(MUSCLES--DISEASES)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.B.

Importance of determining C-reactive protein in the blood serum of patients with rhematic fever for judging the activity of the disease. Zdravookhranenie 4 no.5:31-33 S-O '61. (MIRA 14:11)

1. Iz terapevticheskogo otdeleniya 3 gorodskoy bol'nitsy g.Kishineva (glavnyy vrach L.A.Torchinskaya), nauchnyy rukovoditel' raboty chlen-korrespondent AMN M.A.Yasinovskiy.
(BLOOD PROTEINS) (RHEUMATIC FEVER)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.B.

Comparative evaluation of the changes in the protein fractions and the diphenylamine reaction of the blood serum as indices of the activity of the rheumatic process. Zdravookhranenie 5 no.4:29-32 Jl-Ag '62. (MIRA 15:9)

1. Iz 3-y bol'nitsy Kishineva (glavnyy vrach - L.A.Torchinskaya) nauchnyy rukovoditel' chlen-korrespondent AMN SSSR prof. M.Ya. Yasinovskiy.
(BLOOD PROTEINS) (DIPHENYLAMINE) (RHEUMATIC FEVER)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.I.

15

8

Cementing vulcanized rubber to metal. S. K. Z. [illegible], O. D. Morozova, A. I. Medvedeva, I. B. Shapiro, and E. I. Shnaider. U.S.S.R. 106,004. June 25, 1957. For cementing rubber to metal a dichloroethane soln. of p,p',p''-triisocyanatotriphenylmethane (Desmodur) is used. The cementing is carried out under [illegible] at 60-80° for [illegible] metal surfaces [illegible] at 150° for 30 min., and then cementing [illegible] as above.

M. [illegible]

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

USSR G

Abs Jour : Ref Zhur - Biologiya, No. 22, 1958, No 99670

Author : Shnayder, Ye.V.
Inst : Not given
Title : Larvicidal Properties of Some Organophosphate Insecticides. Report I.

Orig Pub : Zh.mikrobiol., epidemiol.i immunobiologii,1957,No 9,86-91.

Abstract : According to the experiments of the Central Branch of the Disinfection Institute diazinon (D), chlorophos (Cl) and carbophos (C) are strong contact and fumigation larvicide agents. A complete destruction of the larvae of the domestic fly occurred within 48 hours in a substratum treated with 20 mg/kg of D, 30 mg/kg of Cl and 80 mg/kg of C (of the active material) equivalent to the action of 2,000-3,000 mg/kg of HCCH. Irrigation of manure in the pig sty during one day with a 0.5% aqueous solution of 2 liters/m^2 of Cl prevented the development of the larvae

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USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Chemical Methods in the Control of Harmful Insects and Acarids. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82929

Author : Shnayder, M. V.; Shavyrina, V. V.
Inst : Central Scientific Research Institute for Disinfectants
Title : Insecticide Properties of Metaxychlor

Orig Pub : Tr. Tsentr. n.-i. dezinfekts. in-ta, 1957, vyp. 10, 211-216

Abstract : No abstract given

Card 1/1

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G

COUNTRY : USSR
CATEGORY : Zooparasitology. Acarids and Insects as Vectors of Disease. Insects
ABS. JOUR. : RZhBiol., No. 4 1959, No. 15031

AUTHOR : Shnayder, Ye. V.
INST. : -
TITLE : Baits Containing Organic Phosphorus Insecticides for the Control of Houseflies. Report II

ORIG. PUB. : Zh. mikrobiol., epidemiol. i immunobiol., 1958, No 2, 100-104

ABSTRACT : According to laboratory tests of chlorophos (C), diazinone and carbophos, it appears that the first two preparations are more effective for use in the baits than the last-named. In semi-productional tests (SPT) in stables, the effective control of flies (F) was achieved by means of 0.5% solution of C with the addition of 10% of molasses. The inner parts of a building, in the places of greatest accumulation of F, were sprayed (40 ml of solution per 1 m^2), and either

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

G

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 4 1959, No. 15031

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT cont'd : number of F was approximately ten times less than in the control ones. A single spraying with DDT was little effective. In two SPT carried out in the pigpens, C solution was used to spray doors, jambs, partitions, as well as plots of ground near the manure piles. After threefold spraying at intervals of two days, no decrease in the number of F was obtained. The subsequent treatment was effected five times a week. After tenfold spraying, the number of flies decreased by 94-

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SHNAYDER, Ye. V.

COUNTRY : USSR

CATEGORY : General and Specialized Zoology, Insects, Physiology

[illegible]

[illegible] : [illegible], No. [illegible] 1958, No. [illegible]

AUTHOR : Shnayder, Ye.V.

INST. :

TITLE : Routes of Penetration of Diazinon, Chlorophos, and Carbophos into the Organism of Insects

[illegible] : [illegible] Parazitol., Parazitarn. Bolezni, 1958, Vol. 27, [illegible]

ABSTRACT : [illegible] of application of solutions of diazinon (D), chlorophos (C) and carbophos (K) to the pronotum of the [illegible] fly, the LD50 was found to be [illegible], [illegible] and [illegible] gamma respectively for the fly. The contact effect of these insecticides on the larvae of the fly in [illegible] fly is weak, the least toxic being C. Single feeding of hungry flies with items containing [illegible], or a reduction in neoth. [illegible] sec of [illegible] of the flies in a dose of [illegible] gamma of insecticide per fly. The fumigating effect of these insecticides is very weak. Keeping larvae in fumes of C caused a more ran-

[illegible] 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.V.

Catchers containing organic phosphorus insecticides used in control of domestic flies. Report No.2. Zhur.mikrobiol.epid. i immun. 29 no.2:100-104 F '58. (MIRA 11:4)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta.
(PHOSPHATES,
insecticides in fly-catchers (Rus)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, YE. V., IVANNIKOVA, A. A.

"Inaecticide properties of chlordan, heptachlorine, diazinone and chlorophos."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye. V.: Master Med Sci (diss) -- "The insecticide properties of certain organophosphorus compounds (chlorophos, diazinone, carbophos, etc)". Moscow, 1959. (Acad Med Sci USSR), 200 copies (KL, No 12, 1959, 133)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

17(12) SOV/16-59-6-11/46

AUTHORS: Tsintsadze, G.G., Shnayder, Ye.V. and Vashkov, V.I.

TITLE: A Comparative Evaluation of the Insecticidal Properties of Methoxychlorine and Chlorophos Aerosols

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, 30 Nr 6, pp 52-57 (USSR)

ABSTRACT: K.P. Andreyev, A.M. Mitrofanov, Yu.I. Gadalin, S.S. Degtyarev, O.S. Sakovich, Ya.S. Kon', Ye.Ka. Kachalova, A.M. Mitrofanov, V.A. Nabokov and P.G. Sergiyev are all of the opinion that the most effective use of insecticides in general disinfective practice is in the form of aerosols. The present authors set out to study the insecticidal properties of aerosols containing methoxychlorine ($C_{16}H_{15}O_2Cl_3$) and chlorophos and to compare their action with that of DDT and BCH aerosols. The aerosol was created by burning exothermic smoke-pots, although aerosol paper and tablets were also used. The tests were carried out under both laboratory (on house flies) and practical conditions. The insecticidal properties of the various preparations differed. Chlorophos killed all the flies in 60 minutes when present in the air in the amount of 0.1 g/cu m. The residual action of the aerosol particles

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SOV/16-59-6-11/46

A Comparative Evaluation of the Insecticidal Properties of Methoxychlorine and Chlorophos Aerosols

which settled on surfaces was preserved up to 7 days with a dispersal of the drug equal to 0.4 - 0.6 g/cu m. Methoxychlorine had a weaker action. To kill house flies it may be used in amounts of 0.5 g/cu m with an exposure of 120 minutes. When used in amounts of 1 g/cu m it kills off all the flies in 60 minutes. Its residual effect is preserved for 7 days with a dose of 0.6 g/cu m and an exposure of 3 hours. DDT and BCH aerosols killed off all the flies in 60 minutes when used in a dose of 0.2 g/cu m. The settled aerosol particles could preserve their insecticidal properties up to 7 days with an increase in the dose up to 0.5 - 0.6 g/cu m of air. Smoke-pots are more practicable than other forms of vaporization.

Card 2/3

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

17(12) SOV/16-59-6-14/46

AUTHORS: Sukhova, M.N., Shnayder, Ye.V., Yerofeyeva, T.V., Zlatkovskaya, Ye.V. and Kuklina, N.P.

TITLE: A Comparative Evaluation of the Efficacy of Measures to Combat Synanthropic Flies Using DDT, BCH and Chlorophos, and the Further Prospects in Destroying These Insects

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, 30 Nr 6, pp 66-73 (USSR)

ABSTRACT: Because of the disappointing effects of DDT and BCH in combatting flies in areas where these drugs have been used for a number of years, many authors maintain that the flies have developed a resistance to these agents (Derbenova-Ukhova, Morozova). Further, V.I. Vashkov, Pogodina and N.A. Sazonova maintain that the insecticidal properties of DDT and BCH vary with the climatic factors, the physical and chemical properties of the surface under treatment and the physiological condition of the insects. The present work gives the results of fly-clearance work carried out in different districts of Minsk by the Minskaya gorodskaya dezinfektsionnaya stantsiya (Minsk City Disinfection Station) using DDT, BCH and chlorophos. It was found that the combined use of one drug from

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VASHKOV, V.I.; SHNAYDER, Ye.V;

Insecticidal properties of dimethyldichlorovinylphosphate (DDVP). Zhur.mikrobiol. epid. immun. 32 no.4:130-136 Ap '61. (MIRA 14:6)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta.

(INSECTICIDES)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

VASHKOV, Vasiliy Ignat'yevich; SHNAYDER, Yevgeniya Vasil'yevna; BEN'YAMINSON, Ye.S., red.; ZUYEVA, N.K., tekhn. red.

[Chlorophos (dipterex); insecticidal properties and uses] Khlorofos; insektitsidnye svoistva i primenenie. Moskva, Medgiz, 1962. 181 p. (MIRA 15:4)
(Insecticides) (Phosphonic acid)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

VASHKOV, V.I.; SHNAYDER, Ye.V.; ZAKOLODKINA, V.I.; BRIKMAN, L.I.; CHUBKOVA, A.I.
ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; BERIANIDZE, I. Sh.;
ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P. Ya.; MARTINSON, M.E.;
MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.;
RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.V.; SOKOLOVA, M.Ye.;
FOMICHEVA, V.S.; CHERNYSHEVA, V.A.; SHUMILOVA, T.V.

Sensitivity of houseflies to chlorophos prior to its use.
Zh. mikrobiol. 40 no.7:83-7 Jl'63 (MIRA 17:1)

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VASHKOV, V.I.; SHNAYDER, Ye.V.; BRIKMAN, L.I.; ZAKOLODKINA, V.I.; CHUBKOVA, A.I.; ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; BERIANIDZE, I.Sh.; ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P.Ya.; MARTINSON, M.E.; MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.; RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.Ye.; SOKOLOVA, M.Ye.; FOMICHEVA, V.S.; CHERNYSHOVA, V.A.; SHUMILOVA, T.V.

Sensitivity to DDT of houseflies in various climatic zones of the USSR. Zhur.mikrobiol., epid.i immun. 33 no.8:20-24 Ag '62. (MIRA 15:10)

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo instituta.

(FLIES--EXTERMINATION) (DDT)

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VASHKOV, V.I., doktor med. nauk prof.; SUKHOVA, M.N., doktor biol. nauk; KERBABAYEV, E.B., kand. med. nauk; SHNAYDER, Ye.V., kand. med. nauk; DREMOVA, V.P., kand. biol. nauk, retsenzent; VOLKOVA, A.P., kand. biol. nauk, retsenzent; BRIKMAN, L.I., kand. biol. nauk, retsenzent; VOLKOV, Yu.P., kand. khim. nauk, retsenzent; BESSONOVA, I.V., biolog, retsenzent; ZUBOVA, G.M., biolog, retsenzent; KARON, I.I., red.

[Insecticides and their use in medical practice] Insektitsidy i ikh primenenie v meditsinskoi praktike. Moskva, Meditsina, 1965. 523 p. (MIRA 18:12)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, Ye.V.

Disinfection of polyethylene. Trudy TSIU 80:156-159 '65.
(MIRA 18:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

Purification of diffusion water and its return to the battery. S. V. Semenov and E. E. Shnaider. *Trudui Zapodskikh Gruppovuikh Lab. Sakharnuikh Zavodov* No. 2, 56-61 (1935). Ditch water after being treated with milk of lime to 0.01% CaO alky. is heated to 50-60° and filtered through a filter press. V. F. Baikow

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

28

Application of ion exchangers in beet-sugar industry. G. S. Benin and E. B. Shnaider. *Sakharnaya Prom.* 20, No. 6, 9-13(1947).—Expts. with different brands of ion exchangers demonstrated that they can be successfully applied in the beet-sugar industry. Duolite C-3 and A-2 do not lose their efficiency on regeneration. Absorption of inorg. matter varies between 98 and 99%, organics 73-79%, N 80-88%, and coloring matter 98.3-98.6%. Preliminary treatment of diffusion juice with small amts. of CaO (0.3%) is quite sufficient.

V. B. Baikow

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CA

28

Method of estimation of ion exchangers. G. S. Benin and E. E. Shnaider. *Sakharnaya Prom.* 1, 16-23(1949). — For detn. of the capacity of adsorption by a cation exchanger a 0.1 N soln. of CH_3COOK is advisable. Adsorption is expressed in g. K on 100 g. of dry cation.

Twelve g. of K on 100 g. of ion exchanger can be obtained. Ca adsorption is higher than K and N in sugar products. A variation in concn. of the adsorbed ion in soln. does not change the capacity of the cation exchanger. N substances in nonsugars are adsorbed in the H_2 cycle. A decrease of pH in the original material decreases the capacity of the cation. For complete evaluation of the quality of the cation exchanger an artificial or standard molasses soln. is recommended. The ability to adsorb color is an important characteristic of cation exchangers.

V. E. Baikow

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

PROCESSES AND PROPERTIES INDEX

CA

13

Evaluation of anion exchangers. G. S. Benin and E. E. Shnaider. *Sakharnaya Prom.* 23, No. 6, 23-8(1949); *cf. C.A.* 43, 7729i.—The use of 0.1 N AcOH is advisable in detn. of the capacity for the absorption of anions. For a complete evaluation it is suggested to use some standard soln. contg. N and coloring matters.

V. E. Baikow

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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CA

28

Selection of the place for ion-exchange installation in the technological scheme of a beet-sugar factory. G. S. Benin and E. E. Shnaider. *Sakharnaya Prom.* 24, No. 10, 14-19 (1950).--The most rational place for ion exchangers in a beet-sugar factory is after second carbonation. The present system of diffusion and other treatment of the juices must remain unchanged. However, less lime must be used. Since purities of the juices increase after ion-exchange treatment, the no. of boilings must be increased to four. Treatments of run-offs and final molasses with ion exchangers is ineffective.

V. E. Baikow

1951

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

CA

28

Decolorization of sugar solutions with an anion-exchang. resin. G. S. Benin and E. E. Shnabler. *Sakharnaya Prom.* 25, No. 7, 11-15(1951). The removal of coloring matters from sugar solns. by a cation-exchange resin (I) depends on pH, adsorption, and partly coagulation. Alk. treatment of I will restore its adsorptive power. An anion-exchange resin (II), TM (made in USSR), is capable of decolorizing sugar solns. without previous treatment by I. The decolorization varies between 68 and 90%. The regeneration of II is effected by treating with H_2SO_4 and soda ash. The optimum pH of a sugar soln. during evapn. is 7.5-8.0, with rapid evapn. at low temp. V. E. B

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

SHNAYDER, E. G.

Determination of betain in sugar products. G. S. Benin and E. E. Shnaider. *Sakharnaya Prom.* 25, No. 11, 44-6 (1951).—Molasses (5 g.) is dild. with 20 ml. of 5% H_2SO_4 satd. with NaCl, treated dropwise with a soln. of KI_3 until formation of a brown ppt. ceases, and allowed to stand 4 hrs. at a temp. below 15°. The crystd. betain periodide is filtered in a small Büchner funnel and washed with not more than 10 ml. of satd. NaCl soln. The ppt. is transferred to a dish, the paper removed and washed, the dish placed on a boiling water bath, some metallic Cu is added and the mixt. stirred until evolution of I vapor ceases and the substance becomes yellow; 5 ml. of boiling H_2O is added and the heating continued 10 min.; the contents are treated with a glycerol emulsion of $Cu(OH)_2$ until the green color is replaced by yellow, filtered, and the ppt. washed with 5 ml. H_2O. To the filtrate is added 20-25 ml. H_2SO_4; N is detd. according to Kjeldahl and figured as $C_5H_{11}NO_2$. O. W. Willcox

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549810015-7

BENIN, G. S., SHNAYDER, YE. YE.

Sugar--Analysis and Testing.

Determination of the contents of amino acids and of organic non-nitrous acids in products of the beet sugar industry. Sakh. prom., 26, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

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