MUROVANNAYA, Sof'ya Iosifovna, kand. med. nauk; SOKOLOV, I.S., red.; KAINSON, I.Ya., tekhn. red.

[Everyday noise and its control] Bytovoi shum i bor'ba s nim. Moskva, In-t sanitarnogo prosveshcheniia, 1961. 45 p. (MIRA 17:4)

MUROVANNAYA, S.I.; KORSH, L.Ye.

All-Union Conference on Hygienic Protection of Reservoirs. Vest. AMN SSSR 16 no.7:82-86 '61. (MIRA 14:7)

1. Institut obshchey i kommunal'noy gigiyeny imeni A.N.Sysina AMN SSSR.

(WATER SUPPLY—HYGIENIC ASPECTS)

MUROVANNAYA, S.I., kand.med.nauk; KORSH, L.Ye., kand.med.nauk

All-Union Conference on Sanitary Protection of Natural Waters. Gig.i san. 26 no.3:106-108 Mr '61. (MIRA 14:7)

1. Iz Instituta obshchey i kommunal'noy gigiyeny imeni A.N.Sysina AMN SSSR.

(WATER SUPPLY)

MUROVANNYY, I., inzh.

Computation center of the ocean and river fleet in Moscow.
Rech. transp. 24 no.3:59 '65. (MIRA 18:5)

MUROVANNYY, I. L.

RT-1372 (Epidemiological peculiarities of hemorrhagic nephro-o-nephritis)
Epidemiologicheskie osobennosti gemorragicheskogo nefrozonefrita.
SO: Zhurnal Mikrobiologii Epidemiologii i Immunobiologii (6): 62-66, 1945

MUROVANNYY, I. L.

USSR/Medicine - Infectious Diseases Nov 51

"Classification of Clinical Forms of Tularemia," G. N. Rozanova, Cand Med Sci, I. L. Murovannyy, Main Sanitation-Antiepidemic Adm, Min of Pub Health USSR

"Sov Med" Vol XV, No 11, pp 16-18

The US classification is purely empirical and does not reflect the multiplicity of clinical expressions of tularemia. Although Khatenever, Gayskiy, Bilibin, Berinskaya, Rudnev, Gromashevskiy, and other USSR workers have done valuable work on this disease, their systems of classification are inadequate. In 1950 the Min of Pub Health USSR,

204T53

USSR/Medicine - Infectious Diseases Nov 51
(Contd 1)

accepted the following classification according to localization: (A) tularemia with externally visible afflications comprising (1) bubonic (occupational infection without skin injury), (2) ulcerous-bubonic (transmission through skin), (3) ocular (or ocular-bubonic: infection through eye), (4) anginous-bubonic (alimentary infection), (5) other forms; (B) tularemia affecting internal organs, comprising (1) respiratory (infection by inhalation), (2) gastrointestinal (bubos at site of infection in gastrointestinal tract), (3) others. According to durations, there are the

204T53

MUROVANNYY, I. L.

USSR/Medicine - Infectious Diseases Nov 51
(Contd 2)

following forms: (1) acute (begins suddenly, continues for 2-3 mos), (2) chronic or protracted (continues for 1 yr with typical symptoms during that time), (3) relapsing (relapses 1-2 yrs after apparent recovery).

204T53

MUROVANNYY, Yu.G., gvardii kapitan med.sluzhby; KRYLOV, I.F., gvardii kapitan med. sluzhby

Prevention of epidemic parotitis. Voen.-med.zhur. no.11:78 N '57. (MIRA 11:4)
(MUMPS)

MURRI, I. K.

Murri, I. D. "Problem of vitamins in plant raising," In symposium: Biokhimiya kul't. rasteniy, Vol. VIII, Moscow-Leningrad, 1948, p. 302-424 - Bibliog: p. 419-24

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No.3, 1949)

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

11D

MRRI I K

The content of provitamin A (carotene) in the grains of wheat and rye. I. K. Murri. *Soviet Plant Ind. Record* 4, 125-32(1940).—Comparative investigations have shown the following results for provitamin A in wheat and rye: (1) Both these grains have a rather low carotene content, averaging in the 70 varieties of wheat from 10 to 51 γ per 100 g. (γ %) and in the 30 varieties of rye from 28 to 76 γ % of the dry wt. of seeds. (2) The carotene content fluctuates sharply in both wheat and rye grain depending on species, variety and environmental conditions. (3) Analyses of seeds in different phases of ripeness have shown that unripe seeds are richest in carotene, and that the latter decreases regularly in the process of ripening. Analyses of the carotenoid pigments in wheat and rye grain have shown that carotene represents only a small fraction of the total carotenoids. The total content of these pigments in wheat is 127-755 γ %, while the carotene is only 4.8 to 17.6% of this total. In rye the total carotenoids amount to 179-430 γ %, of which only 13.2-28.8% is carotene. The carotene fraction (in percentage of total carotenoids) is larger in the phase of milky ripeness of the seed and it decreases to the above value in the process of ripening. The results obtained lead to conclusions that the ripe grain of wheat or rye, hence also the bakery products made from these grains cannot serve as a source of vitamin A for man, since carotene forms really an insignificant fraction of the total carotenoid pigments of grain, and even this fraction is still further reduced by the processes of milling and baking. 18 references.

C. S. Shapiro

METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

24

1115

Aneurine in the wheat grain. I. K. Murri. *Doklady Vsesoyuz. Akad. Sel'sko-Khoz. Nauk* No. 23/24, 39-41 (1939); *Herbage Abstracts* 10, No. 4, 340(1940).—Aneurine (I) content varied from 2.6 to 6.1 γ per grain; soft wheats were richer in I than hard wheats, and winter forms were richer than spring forms, but the range of differences was not large. The differences in the I content in relation to the geographical origin of the seeds exceeded varietal differences, varying in Lutescens 062 from 3.4 γ (Leningrad) to 6.0 γ (Dnepropetrovsk) and in Ukrainka from 2.6 γ (Pechora) to 5.0 γ (Moldavia). During ripening I content increased in relation to the crude wt. but decreased in relation to the dry wt. of the grains. During germination the abs. and relative contents of I decreased steadily.

S. Soloveichik

COMMON ELEMENTS

MATERIALS INDEX

A58-5L4 METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

Ca

HD

The chemical composition of Oxycoccus quadripetalus I. K. Murri. *Biokhim. Kul'tur. Rastenii* 7, 384–9(1940). **The effect of the geographical factor on the chemical composition of Oxycoccus quadripetalus.** *Ibid.* 389–90. Samples from various regions of the Leningrad district varied in invert sugar from 2.55 to 3.98, sucrose from 0.05 to 0.43, total sugars from 2.62 to 4.02, acids (recalcd. to citric acid) from 2.75 to 3.39, pectins from 0.29 to 0.76 and N substances from 0.30 to 0.64. **Changes in substances during ripening and storing of Oxycoccus quadripetalus.** *Ibid.* 390–3.—During ripening, sugar increased in both berries and juice, acidity increased in both, pectin increased slightly in berries and decreased in juice, and nitrogenous substances were const. in berries and decreased in juice. Vitamin C decreased rapidly on storage at −8° and at 0°. **The chemical differences of different varieties of Oxycoccus quadripetalus and the effect of soil conditions.** *Ibid.* 393–6.—More dry substance is accumulated in the berries grown in dry marsh soils than in irrigated soils. The acidity is the same in both cases. *Oxycoccus quadripetalus* ext. prepd. by evapn. *in vacuo* in an atm. of CO_2 at 35° and fermented for 30 days lost very little vitamin C. The ext. prepd. from fresh juice freed from pectin by pptn. with alc. lost considerable vitamin C.

W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BC

17-4

[redacted]

R.T.

Vitamin Lab. Inst. of Plant industry, Leningrad

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

A rapid method for the determination of carotene

I. K. Munz. *Biokhimiya* 2, 841 (1937). The usual carotene method is simplified by omitting the stages of saponification and distribution between 2 immiscible solvents. This method is said to check fairly well with the elaborate method for carotene worked out by Kuhn and Brockmann (C. A. 26, 3533). H. Cohen

VITA MIN LAB., INST. OF PLANT INDUSTRY, LENINGRAD

METALLURGICAL LITERATURE CLASSIFICATION

The chemical characteristics of the seeds of Amaranthus caudatus. I. K. Mirtl and A. I. Ermakov. *Bull. Applied Botany, Genetics Plant Breeding* (U. S. S. R.) Ser. III, No. 15, 149-50(in English 150-60)(1930). — Analyses are presented on a series of samples of *Amaranthus* from various parts of Europe. The proteins, carbohydrates, fats and ash constituents are reported.

I. S. Joffe

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

11/1

Chemical methods of determining vitamin A (carotene). I. K. Murri. *Bull. Applied Botany, Genetics, Plant Breeding* (U. S. S. R.) Ser. III, No. 11, 27–44(1935). From a series of analyses made it was observed that in heating the reaction mixt. a partial decompn. of the K dichromate (the Deleano and Dick method, C. A. 27, 2970) takes place. This causes high yields. The petr. ether soln. of carotene according to Scherz (C. A. 18, 997) method contains frequently some impurities which upon oxidation give increased yields. Oxidation of the carotene with CH_3COOH and HCl frequently gives erroneous results because of impurities in the reagents. To eliminate the errors mentioned the following modification was introduced: the petr. ether is purified with MgO by the selective absorption method of Tswett (*Ber. deut. Botan. Ges.* 24, 316(1906)). To make the correction for the decompn. of the K dichromate a control is used and its titration is evaluated in the Deleano and Dick method. Data are presented on the carotene content of carrots, tomatoes, potatoes, black and red currants, beet tops, cabbage and other foods. I. S. Joffe

[redacted]

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

BC

B-II-4

Influence of freezing and preservatives on vitamin-C. I. K. Mazur, N. P. Gnezdova, A. V. Kuznetsova, and G. K. Gurevich (Bull. Appl. Bot. Genetics, Plant Breeding, U.S.S.R. [Suppl.], 1934, 67, 113—127).—Cranberries stored at 0—5° or picked after snow melts lose vitamin-*C*. Vals. for potatoes are not affected by freezing (I), but slow thawing causes loss. Storage at 10° after (I) destroys *C*. The best preservative is SO_2 followed, in order, by $NaOBz$ and (I).

Cu. Abs. (o)

CHEMICAL ELEMENTS

COPPER

MATERIALS INDEX

CHEMICAL PROPERTIES INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

1/E

Ca MURRI I K

The influence of treating berries and fruits on the potency of the anticscurvy vitamin. L. K. Murri and A. V. Kudryavtseva. *Bull. Applied Botany, Genetics Plant Breeding* (U. S. S. R.), Suppl 67, 71-80(1934). The juice of cranberries has a lower vitamin content than the whole berry. Dried cranberries—under a vacuum at 35°—were equal in potency to the juice. Pptn. of pectins had no effect on vitamin C. SO_2 treatment of black currant juice or keeping it at 10° did not reduce its vitamin activity. Pasteurization of currant juice caused a 25% loss in vitamin potency. Blackberries were found to be a poor source of vitamin C and blueberries fair. J. S. Joffe

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Biochemistry of huckleberries (Vaccinium myrtillus L.) and blueberries (Vaccinium uliginosum L.) I. K. Murri. *Biokhim. Kul'tur. Rastenii* 7, 408-20(1940). Most of the fatty oil of huckleberries is contained in the seeds. It amounts to 21.03% of the wt. of the seeds. Huckleberry oil is a drying oil. The percentage contents of citric and malic acids are max. in the semiripe berries, the abs. contents are max. in the fully ripe berry. The percentage contents and also the abs. amounts increase gradually with ripening. Blueberries contain 70.7% (on the dry wt.) of carbohydrates. Other constituents are nitrogenous substances, ash, tannins and citric, malic and oxalic acids. Blueberries contain 25 biol. units of vitamin C per 100 g. The seeds contain 30.42% fatty oil. Analyses are given of huckleberries and blueberries.

W. R. Heun

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

110

Ca

Biochemistry of Vaccinium vitis idaea L. I. K. Murti. *Biokhim. Kul'tur. Rastenii* 7, 389-407 (1940). Analyses are given. The content of vitamin C is less than 10 bod units per 100 g. of berries. The yield of the juice is 79.5% of the wt. of the berries. Berries from various districts did not differ appreciably in sugar content. W. R. H.

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

MATERIALS INDEX

A50-51A METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

3RD AND 4TH ORDERS

2ND LETTER

AUTHOR INDEX

1ST AND 2ND LETTER

PA GROUPS

SAMORODOVA-BIANKI, G.B.; MURRI, I.K.

Potato flowers as a source of rutin. Dokl.Akad.sel'khoz. 21 [i.e.23] no.12:16-18 '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva. Predstavleno akademikom S.M.Bukasovym.
(Rutin) (Potatoes)

MURRI, I.K.

Determining the rutin content of buckwheat. Vit. res. i ikh. isp. no.4:195-206 '59. (MIRA 14:12)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(RUTIN) (BUCKWHEAT)
(PLANTS--CHEMICAL ANALYSIS)

USSR/Cultivated Plants - Fruits. Berries. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82524

Author : Murri, N., Parksepp, J.

Inst :

Title : Preliminary Results of the Study of Varieties of Berry Cultures in the Estonian Soviet Socialist Republic

Orig Pub : Vopr. razvitiya sadovodstva v EstSSR, Tallin, Est. gos. izd.-vo, 1957, 160-179

Abstract : Results are cited of the variety trials of baerry cultures at the "Polli" Experimental base (Aboyaskiy Rayon) where 156 forms and varieties of gooseberry, 98 - of currant, 78 - of strawberry and 56 - of raspberry are concentrated. Among the gooseberry varieties (Grossularia reclinata, G. cynosbati, G. divaricata, G. hirtella, G. sericirubra, G. acicularis, G. subvestiana, G. arcuata and G. inernis) the following stood out as being resistant to Sphaerotheca: Amerkanskiy gornyy, Shtambovyy, Chërnyy

Card 1/2

MURRI, N.

Does the list of standard fruit varieties meet the requirements? p/179.

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Hungary. Vol. 13, no. 4, Apr. 1958.

Monthly List of East European Accessions (EEAI), LC, No. 4, July 1959. Unlc.

BATURINA, G.D.; BEDIN, V.S.; VARINA, V.A.; GNEVYSHEVA, K.G.; ZVEREV, M.S.; IZVEKOVA, A.A.; MURRI, S.A.; NAUMOVA, A.A.; POLOZHENTSEV, D.D.

Observations of AGK3R stars with the Toepfer meridian circle at Pulkovo. Izv. GAO 23 no.4:3-15 '64. (MIRA 17:9)

ZVEREV, M.S.; MUHRI, S.A.

System of right ascensions of the Toepfer meridian circle.
Izv. GAO 23 no.4:16-22 '64. (MIRA 17:9)

MURRYKOV, O.; NAURATOV, Kh.

Change in the protein function of the liver in chronic opiomania. Zdrav.Turk. 6 no.6:24-27 N-D '62. (MIRA 16:3)

1. Iz kafedry psikhiatrii (zav. - A.N. Shogam) Turkmenskogo gosudarstvennogo meditsinskogo instituta.
(OPIUM—TOXIVOLOGY) (LIVER) (PROTEINS)

MALKIN, Ya.Z.; SMIRNOV, M.P.; SERGIYENKO, V.Ya.; KOZHEVNIKOVA, G.I.; KALNIN, Ye.I.; TARKHOV, N.G.; Prinimali uchastiye: MURSAITOV, Kh.I.; ABDUGAPAROV, Sh.A.; BOVGUTA, I.D.; TKACHEV, S.P.; FILATOV, N.V.; SVISTEL'NIKOV, A.M.; PRACHEV, V.N.; SHEYMAN, V.I.; ANTROPOV, A.D.; SOBOLEV, Ye.D.; POPOVA, N.T.

Industrial testing of a new continuous method of copper removal from crude lead. TSvet. met. 34 no.3:15-22 Mr '61. (MIRA 14:3)

1. Eksperimental'nyy tsekh Chimkentskogo svintsovogo zavoda (for Mursaitov, Abdugaparov, Bovguta, Tkachev, Filatov, Svistel'nikov, Prachev, Sheyman, Antropov, Sobolev, Popova).
(Lead—Metallurgy) (Copper)

746. THE ARCIFORM INTERPYRAMIDAL FIBRES OF THE MEDULLA OBLONGATA (Russian text) - Mursakulova A. N. - AZ. MED. ZH. 1957, 5 (87-88)

The arciform interpyramidal fibres of the medulla oblongata were first observed in 1938 by Feizulaev in histologic preparations. The physiologic significance of these fibres connecting the right and left pyramidal systems is still unknown. (S)

MURSAKULOVA, A.N.

Clinical aspects of thrombosis of the spinobulbar arteriole of Rossolimo. Azerb.med.zhur. no.1:68-70 Ja '59. (MIRA 12:4)

1. Iz kliniki nervnykh bolezney (zav. - prof. A.Z. Feyzullayev) Azerbaydzhanskogo gosudarstvennogo meditsinskogo instituta im. N.Narimanova pri klinicheskoy bol'nitse im. Semashko (glavvrach A.A. Ismailov).

(THROMBOSIS)
(MEDULLA OBLONGATA--BLOOD SUPPLY)

MURSAKULOVA, A.N.

Pathogenesis of decerebrate rigidity. Azerb.med.zhur. no.1:75-77 Ja '60. (MIRA 13:5)

(DECEREBRATE RIGIDITY)

MURSAKULOVA, A.N.

Clinical aspects of disorders of the brain's blood supply in the region of the brain stem in combination with vascular disorders of other areas of the brain. Azerb. med. zhur. no.12:26-30 D '61. (MIRA 15:3)

(CEREBROVASCULAR DISEASES)

S

Country : USSR
Category: Human and Animal Morphology (Normal and Pathological). Nervous System

Abs Jour: RZhBiol., No 2, 1959, No 7505

Author : Mursakulova, E.N.
Inst : -
Title : On the Arciform Interpyramidal Fibers of Medulla Oblongata.

Orig Pub: Azerb. tibb. zh., 1957, No 5 39-40

Abstract: The data of Feyzullayev (Nevrop. i ps ikhiatr., 1941, No 2) on the presence of arciform interpyramidal fibers (AIF) of medulla oblongata which connect the right and left nuclei of the pyramidal systems is confirmed. AIF are not the continuation of bundles which run from cerebellum to the tegmentum

Card : 1/2

DERIZEMLYA, V.; MURSALIMOV, A.

Problems in the improvement of planning, financing, and calculating operational costs of grain receiving enterprises. Muk.-elev. prom. 29 no.8:4-5 Ag '63. (MIRA 17:1)

1. Planovo-ekonomicheskoye upravleniye Kazakhskogo ob"yedineniya khleboproduktov.

PIGULEVSKIY, N.A. [deceased]; ZHUKOV, P.K.; KAZANIN, Yu.I.; KRIKUNOVA, N.P.; MURSALIMOV, Kh.I.; SHLYGIN, A.Ye.

Characteristics of the complex metal mineralization of the Dzhungarian Ala-Tau and further prospecting. Izv.AN Kazakh.SSR Ser.geol. no.4:45-57 '59. (MIRA 15:4)
(Dzhungarian Ala-Tau—Ore deposits)

ZHUKOV, Pavel Konstantinovich; KAZANIN, Yuriy Ivanovich; KAYUPOV, Aryktay Kayupovich; MURSALIMOV, Khakim Ibragimovich; PIGULEVSKIY, Nikolay Arsen'yevich; SHLYGIN, Artem Yevgen'yevich. Prinimali uchastiye: BAYKENEV, Sh.A.; BAYNAZAROVA, G.; ZORIN, Ye.S.; KRIKUNOVA, N.P.; SHUKHOV, N.N.; BOK, I.I., akademik, otv. red.; NESTEROVA, I.I., red.; ALFEROVA, P.F., tekhn. red.

[Basic features of the geology and metallogeny of the Koksu-Tekeli area of the Dzungarian Ala-Tau]Osnovnye cherty geologii i metallogenii Koksu-Tekeliiskogo raiona Dzhungarskogo Alatau. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 123 p. (MIRA 15:11)

1. Institut geologicheskikh nauk (for Zhukov, Kazanin, Kayupov, Pigulevskiy, Shlyginin). 2. Yuzhno-kazakhstanskoye geologicheskoye upravleniye (for Mursalimov). 3. Akademiya nauk Kazakhskoy SSR (for Bok).
(Dzungarian Ala-Tau--Geology, Economic)

MURSALIMOV, Kh.I.

Distribution of costs by several components in mineral prospecting. Vest. AN Kazakh.SSR 19 no.10:83-86 O '63. (MIRA 17:1)

AZHIKEYEV, M.Kh.; LI, V.G.; MURSALIMOV, Kh.I.; OHLOV, A.I.; POYARKOV, V.E.

Evaluation of the producible ore reserves of [illegible] based on prospecting data from Kazakhstan. Izv.AN Kazakh.SSR. Ser.geol. 22 no.5:88-92 S-O '65. (MIRA 18:12)

1. Kazakhskiy institut mineral'nogo syr'ya, g. Alma-Ata, i Institut geologicheskikh nauk imeni K.I.Satpayeva, g. Alma-Ata.

AZHIKEYEV, M.Kh.; MURSALIMOV, Kh.I.; ORLOV, A.I.; POYARKOV, V.E.

Immediate problems and possibilities of increasing the economic efficiency of geological works. Sov. geol. 8 no.8:126-138 Ag '65. (MIRA 18:10)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

PA 9T76

MURSALIMOV, M. A.

USSR/Oil Regions
Petroleum - Refining

May 1947

"Experience Obtained from Using Old Furnace Piping in Reprocessing Petroleum of the Second Baku," M. A. Mursalimov, A. I. Istomin (City of Chernikovsk), 4 pp

"Neftyanoye Khozyaystvo" Vol 25, No 5

Comparison of the wear in pipes of different chromium and molybdenum content.

9T76

MURSALIMOV, Sh.

Introduce intershop business accounting in automotive transportation units. Avtotransp. 42 [illegible] M- [illegible]
(MIRA [illegible])

MURSALIMOV, Sh.

Planning, accounting for and distribution of overhead expenses in automotive transportation units. Avt.transp. 43 no.11:39-41 N '65. (MIRA 18:12)

MURSALIMOVA, G. G.

"The Activity of the Northern and Southern Solar Hemispheres During the Last Seven Cycles (1874-1952)." Cand Phys-Math Sci, Moscow Order of Lenin State U imeni M. V. Lomonosov, 6 Oct 54, (VM, 24 Sep 54)

SO: Sum 432, 29 Mar 55

L 63503-65 EPT(c)/EWP(j)/EWT(m) RPL RM/WW/JW

ACCESSION NR: AP5021285 UR/0020/65/163/005/1189/1190

AUTHOR: Amirkhanov, Kh. I. (Academician AN AzerbSSR); Stepanov, G. V.; Mursalov, B. A.

TITLE: Heat capacity C_V of heavy water near the critical point

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1189-1190

TOPIC TAGS: heat capacity, heavy water, deuterium compound, isochore, constant volume heat capacity, critical temperature

ABSTRACT: The heat capacity at constant volume (C_V) of heavy water containing 99.8% deuterium was investigated. Measurements of C_V along several isochores were conducted near the critical point, using an adiabatic calorimeter. It was shown that for H_2O the transition from the two-phase state to the one-phase state takes place with an abrupt jump for a specific volume $V = 2.5\ cm^3/g$, while for D_2O the same transition is smooth. For $V = 2.7\ cm^3/g$ the same transition is smooth, for both H_2O and D_2O. While the critical temperature of D_2O could not be accurately determined

Card 1/2

L 63503-65

ACCESSION NR: AP5021285

at this time, it may be assumed to exceed the value 370.9C accepted by some workers. Orig. art. has: 1 figure. [VS]

ASSOCIATION: Dagestanskiy filial Akademii nauk SSSR (Dagestan Branch, Academy of Sciences, SSSR)

SUBMITTED: 13Mar65 ENCL: 00 SUB CODE: NP

NO REF SOV: 004 OTHER: 001 ATD PRESS: 4073

Card 2/2

UGLOV, F.G.; KURBANGALEYEV, S.M.; BOKAREV, Yu.N.; VORONOV, A.A.; DEGTYAREVA, Z.Ya.; KRASNOSHCHEKOVA, L.I.; MURSALOVA, F.A.; POTASHEV, L.V.; RASSVETAYEV, I.L.; SIMBIRTSEV, S.A.; SOKOLOV, S.S.

Use of the artificial blood circulation apparatus built by the Research Institute for Experimental Surgical Apparatus and Instruments in an experiment. Trudy NIIEKHAI no.5:132-137 '61. (MIRA 15:8)

(PERFUSION PUMP (HEART))

POTASHOV, L. V., (Leningrad, kanal Griboyedova, d. 9, kv. 22); DEGTYAREVA, Z. Ya.; KRASNOSHCHEKOVA, L. I.; MURSALOVA, F. A.

Heparinization of the blood in operations using the artificial blood circulation system apparatus of the Scientific Research Institute of Experimental Surgical Apparatus and Instruments in experiment. Grud. khir. 4 no.1:12-18 Ja-F '62. (MIRA 15:2)

1. Iz gospital'noy khirurgicheskoy kliniki I Leningradskogo meditsinskogo instituta imeni akad. I. P. Pavlova (zav. - prof. F. G. Uglov).

(PERFUSION PUMP(HEART)) (HEPARIN)

RYSKINA, E.S.; MURSALOVA, F.A.

Removal of free thrombi from the left atrium in a patient with combined mitral defect. Sov. med. 28 no.10:15-17 O '65. (MIRA 18:11)

1. Terapevticheskaya klinika Leningradskogo nauchno-issledovatel'skogo instituta antibiotikov (zav.- A.M. Margolin) i gospital'naya khirurgicheskaya klinika I Leningradskogo meditsinskogo instituta (zav.- chlen-korrespondent AMN SSSR prof. F.G. Uglov).

ASHIMOV, M.A.; ISMAILZADE, I.G.; KYAZIMOVA, Kh.B.; KADZHAR, A.Sh.
GASANOV, R.G.; MURSALOVA, M.A.

Composition and structure of alkyl aromatic hydrocarbons obtained in the course of the production of azolyat A. Azerb. khim. zhur. no.1:111-115 '64. (MIRA 17:5)

L 61850-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 JAJ/RM

ACCESSION NR: AP5018349 UR/0316/65/000/002/0012/0017

AUTHOR: Ashimov, M. A.; Zeynalov, B. K.; Kadzhar, A. Sh.; Kanzaveli, S. Ye.; Mursalova, M. A.

29
28
B

TITLE: Synergism in mixtures of salts of synthetic carboxylic acids

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 2, 1965, 12-17

TOPIC TAGS: surface active agent, synergism, detergent additive

ABSTRACT: The article deals with the synergistic effect of the composition of soap and synthetic detergents. To obtain effective synergistic compositions mixtures of carboxylic acid salts with Azolate-A, Azolate-B, Sulfonol NP-1 and alkylsulfate were prepared. The article presents the results of the study of the synergism which occurs between the above indicated substances in pure form and in the presence of activating additives. The purpose of this work was to obtain optimum ratios of concentrations of the mixed substances when the washing ability of the mixture in distilled water and in hard water is higher than the washing ability of any one of the components. Sodium tripolyphosphate and carboxymethylcellulose were used as activating substances. It was found that the salts of carboxylic acids have the

Card 1/2

L 61850-65

ACCESSION NR: AP5018349

greatest washing effectiveness. The washing strength of synergistic mixtures consisting of carboxylic acids and Azolyat-A, Azolyat-B, Sulfonol NP-1 and alkylsulfate and the same mixtures with activating additives indicate that the best washing compositions consist of carboxylic acids in mixture with Sulfonol NP-1 or alkylsulfate. From the study of the washing ability and the surface activity of the compositions obtained it was concluded that it is possible to produce synergistic high efficiency detergents which as a result of low cost would find broad practical use. Orig. art. has: 4 tables.

ASSOCIATION: INKhP AN Azerb. SSR

SUBMITTED: 01Oct63 ENCL: 00 SUB CODE: OC, GP

NO REF SOV: 005 OTHER: 004

Card 2/2

ASHIMOV, M.A.; RAFIYEV, M.M.; DADASHEVA, Z.A.; SULTANOVA, Kh.M.; BUKH, Yu.D.; MURSALOVA, M.A.

Synthesis of demulsifiers based on the oxidation products of a dearomatized reflux fraction and testing of their demulsification properties with several oils of the Azerbaijan. Azerb. khim. zhur. no.1:18-22 '65. (MIRA 18:7)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.

ASHIMOV, M.A.; MURSALOVA, N.M.; MIRONENKO, V.F.

Effect of activating agents on the cleaning capacity of monoalkyl benzenesulfonates. Azerb. khim.zhur. no.4:63-66 '64.

(MIRA 18:3)

LUNSALOVA, N.A., Cand Biol Sci — (diss) "Microbiological and physiological characteristics of [illegible] in the Crimea and measures ~~of combating~~ it." Simferopol', 19[illegible]. 17 pp (Crimean State Med Inst im I.V.Stalin), [illegible] copies (KL,13-5[illegible], 11)

MURSALOVA, N.N.

Control of smallpox in the Tauric Government during the first half of the 19th century (according to data of the Crimean Province Archives). Zhur. mikrobiol.; epid. i immun. 41 no.6:137-139 Je '64. (MIRA 18:1)

1. Krymskiy meditsinskiy institut.

MURSALOVA, R.A., kandidat med.nauk

Intratracheal and intrapulmonary administration of penicillin in surgical treatment of chronical suppuration of the lungs. Vest.khir.75 no.6:55-65 Jl '55. (MLRA 8:10)

1. Iz gospital'noy khirurgicheskoy kliniki (zav.--prof. F.G. Uglov) 1-go Leningradskogo meditsinskogo instituta im.akad. I.P Pavlova Leningrad, Bol'shaya Zelenina ul.,d.16, kv.56.
(LUNGS, dis.
suppurative, surg.with intratracheal & intrapulmonary admin. of penicillin)
(PENICILLIN, admin.
intratracheal & intrapulm. in surg. in suppurative dis. of lungs)

MURSALOVA, R.A., kandidat meditsinskikh nauk (Leningrad)

Experience of the surgical clinic in conservative treatment of chronic pulmonary suppurations. Klin.med. 34 no.10:59-62 O '56. (MLRA 10:1)

1. Iz kliniki gospital'noy khirurgii (zav. - prof. F.G.Uglov) I Leningradskogo meditsinskogo instituta imeni akad. I.P.Pavlova.

(LUNGS DISEASES
suppurative, ther.)

MURSALOVA, R.A., kandidat meditsinskikh nauk

"Primary cancer of the lungs" by V.A.Samsonov. Reviewed by R.A. Mursalova. Vest.khir. 77 no.11:152-153 N '56. (MLRA 10:1)
(LUNGS--CANCER) (SAMSONOV, V.A.)

MURSALOVA, R.A.

[Local penicillin treatment of chronic suppuration of the lungs] Mestnaia penitsillinoterapiia khronicheskikh nagnoenii legkikh. Leningrad. Medgiz, 1957. 137 p. (MIRA 11:1)
(PENICILLIN) (LUNGS--DISEASES)

MURSALOVA, R.A., kand.med.nauk; STRASHNOV, V.I.,

Ninth session of the Vishnevskii Institute of Surgery, devoted to the 40th anniversary of the Great October Socialist Revolution. Vest. khir. 80 no.5:144-147 My '58 (MIRA 11:7)
(SURGERY)

MURSALOVA, R.A.

UGLOV, F.G., prof. (Leningrad, Kirovskiy pr., d.2, kv.26);
MURSALOVA, R.A., kand.med.nauk

Errors and hazards in surgery of the heart and large vessels. Vest. khir. 81 no.7:92-105 Jl'58 (MIRA 11:8)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. F.G. Uglov) 1-go Leningradskogo meditsinskogo instituta im. I.P. Pavlova.
(CARDIOVASCULAR SYSTEM, surg.
errors & hazards (Rus))

UGLOV, F.G., prof. (Leningrad, Kirovskiy pr., d. 2, kv. 26).; MURSALOVA, R.A., kand.med.nauk

Errors and dangers in surgery of the lungs. Vest.khir. 81 no.11:105-110 N '58. (MIRA 12:3)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. F.G.Uglov) 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.
(LUNGS--SURGERY)

UGLOV, Fedor Grigor'yevich; MURSALOVA, R.A.

[Teratomas (mixed tumors) of the presacral region] Teratomy (smeshannye opukholi) presakral'noi oblasti. Leningrad, Medgiz, 1959. 102 p. (MIRA 13:8)
(SACROCOCCYGEAL REGION--TUMORS)

MURSALOVA, R.A., kand.med.nauk (Leningrad, Bol'shaya Zelenina ul., d.16, kv.56)

Diagnosis and therapy of cysts of the pancreas. Vest.khir. 83 no.8: 75-80 Ag '59. (MIRA 13:1)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. F.G. Uglov) 1-go Leningradskogo meditsinskogo instituta.
(PANCREAS dis.)
(CYSTS)

UGLOV, O. G.; MURSALOVA, R. A.; D'YACHENKO, L. F. (Leningrad)

Diagnostic thoracotomy and cardiotomy in mitral stenosis surgery.
Klin. med. no.11:60-65 '61. (MIRA 14:12)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. F. G. Uglov) I Leningradskogo meditsinskogo instituta imeni akad. I. P. Pavlova.

(MITRAL VALVE--SURGERY)

UGLOV, F.G., prof.; MURSALOVA, R.A.

Errors and hazards in mitral commissurotomy. Khirurgiia no.1:5-16 '62. (MIRA 15:11)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. F.G. Uglov) I Leningradskogo meditsinskogo instituta.
(MITRAL VALVE--SURGERY)

UGLOV, F.G., prof.; MAMEDOV, I.M.; MURSALOVA, R.A.; KRASNOSHCHEKOVA, L.I.; BOKAREV, Yu.N.; NIKITIN, G.V.; RASSVETAYEV, I.L.; ZHELVAKOV, N.M.

Deep hypothermia in combination with artificial bl..d circulation in heart surgery. Vest.khir.90. no.2:19-29 F'63. (MIRA 16:7)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. F.G. Uglov) 1-go Leningradskogo meditsinskogo instituta imeni Pavlova.
(HYPOTHERMIA) (HEART--SURGERY)
(BLOOD--CIRCULATION, ARTIFICIAL)

KARTAVOVA, V.A.; SOKOLOV, S.S.; TOMADZE, [illegible]; MURGALOVA, [illegible].

Contrast investigation of the heart and large vessels by the method of direct punctures. Trudy Inst. klin. i eksper. kardiol. AN Gruz. SSR 8:577-583 '63. (MIRA 17:2)

1. Klinika gospital'noy khirurgii [illegible] Leningradskogo meditsinskogo instituta.

UGLOV, F.G., prof.; MURSALOVA, R.A.; D'YACHENKO, L.F.; PUGLEYEVA, V.P.; DORONIN, L.B.

Late results of surgical treatment of mitral stenosis. Vest. khir. 93 no.8:3-10 Ag '64. (MIRA 18:7)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. F.G.Uglov) 1-go Leningradskogo meditsinskogo instituta imeni Pavlova.

TANCHEV, I.; MURSEV, N.

Two cases of Felty's syndrome treated by splenectomy. Suvrem.med. Sofia no.9/10:170-176 '59.

1. Iz Okruzhnata bolnitsa "Khristo Botev" - Vratsa. Gl.lekar: M. Peev.

(ARTHRITIS RHEUMATOID surg.)
(SPLEEN surg.)

MURSHTEYN, M.K.; SHISHKINA, V.I.; PUSHKAREVA, Z.V.

Synthesis and transformations of 3-nitro- and 3-amino-9-cyanoethylcarbazole. Zhur.prikl.khim. 36 no.3:644-649 My '63. (MIRA 16:5)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Carbazole)

MURSHTEYN, M.A.; [illegible], E.V.

[illegible] 2-cyanoethylcarbazole. Metod. polit. khim. reak. i [illegible] no.1[illegible]-27 '64. (MIRA 18:1[illegible])

1. Ural'skiy politekhnicheskiy institut. Submitted April 1964.

L 45929-66 EWT(m)/EWP(j) RM

ACC NR: AR6023263 SOURCE CODE: UR/0058/66/000/003/D030/D030

AUTHOR: Murshteyn, M. K.; Pushkareva, Z. V.; Gryazev, V. F.

TITLE: Spectroscopic investigation of the structure of azo-dyes of the diphenyl, diphenyl amine, and carbazole series

SOURCE: Ref zh. Fizika, Abs. 3D232

REF. SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964, 360-368

TOPIC TAGS: organic azo compound, uv spectrum, optic spectrum, ir spectrum, spectrum analysis

ABSTRACT: On the basis of new azo- and diazo components, the authors synthesize more than 40 new glacial azo-dyes, derivatives of carbazole, diphenyl amine, and diphenyl. The ultraviolet and invisible spectra were investigated for them, and new data were obtained on the relation between the structure and chromacity of the obtained compounds. On the basis of the investigated spectra in the visible region, a comparison investigation was made of the structure of the azo-dyes of derivatives of diphenyl amine and diphenyl. As a result of a joint evaluation of the infrared spectra and

Card 1/2

L 45929-66

ACC NR: AR6023263

polarography data for the obtained compounds, which are ortho-oxy-dyes, it is concluded that they have an azo-structure. [Translation of abstract]

SUB CODE: 07,20

Card 2/2 blg

MURSHTEYN, M.K.; PUSHKAREVA, Z.V.

Synthesis of carbazole-containing monoazo dyes. Zhur. ob. khim. 34 no.10:3370-3372 O '64. (MIRA 17:11)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.

MURSHTEYN, M.K.; PUSHKAREVA, Z.V.; GRYAZEV, V.F.

Absorption spectra of carbazole-containing o-hydroxy azo dyes in the ultraviolet and visible regions of spectrum. Zhur. ob. khim. 34 no.11:3673-3677 N '64 (MIRA 18:1)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.

[illegible], Z.V., [illegible]

Polarographic reduction and [illegible] of o-oxyazo dyes. Dokl. AN [illegible] [illegible]

1. Ural'skiy politekhnicheskiy institut imeni Kirova.
Predstavleno akademikom [illegible]

LOMONOSOV, S.A.; MURSHTYN, M.K.

Complex-forming groups of p,p'-bis-dimethylaminodiphenyl-3-(β-cyanoethyl)-carbazolylmethyl chloride. Zhur. anal. khim. 20 no.3:289-293 '65. (MIRA 18:5)

1. Ural'skiy nauchno-issledovatel'skiy khimicheskiy institut, Sverdlovsk.

MURZINOVA, M.K.

[illegible]

[illegible]

[illegible]

MURSHUDLY, N.A.

Greeting a glorious anniversary. Put' i put. khoz. 8 no.11:5 '64 (MIRA 18:2)

1. Nachal'nik distantsii puti, Baku, Zakavkazskoy dorogi.

MURSIC, Milan, mag. ing.

Distribution of stress at the girder joints with annular springs. Stroj vest 10 no.4/5:93-102 O '64.

1. Faculty of Natural Sciences and Technology of the University of Ljubljana, Ljubljana.

21(8)

AUTHORS: Vernov, S. N., Corresponding Member, AS USSR, Grigorov, N. L., Ivanenko, I. P., Lebedinskiy, A. I., Murzin, V. S., Chudakov, A. Ye.

SOV/20-124-5-17/62

MURZIN, V.S.

TITLE: A Possible Mechanism of the Production of "Terrestrial Corpuscular Radiation" Under the Action of Cosmic Rays (Vozmozhnyy mekhanizm sozdaniya "zemnogo korpuskulyarnogo izlucheniya" pod deystviyem kosmicheskikh luchey)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 5, pp 1022-1025 (USSR)

ABSTRACT: By "terrestrial corpuscular radiation" the authors mean the fluxes of particles moving in the terrestrial magnetic field along closed orbits. According to the authors' opinion, the following radiation production mechanism deserves the most attention: Under the action of cosmic radiation, the earth, like any other celestial body, becomes a neutron source. The neutrons traverse the magnetic field without being disturbed as uncharged particles and attain great distances from the earth. The charged particles originating from neutron decay move in the magnetic field along the lines of force. The particle in the course of time reaches the region of high geomagnetic

Card 1/4

latitudes, where fieldstrength increases considerably with increasing latitude. In this region the velocity vector of the particle will, as the particle approaches the earth, turn so long with respect to the vector $\vec{H}$, until at the latitude λ_{max} the angle between the velocity of the particle and the vector $\vec{H}$ becomes equal to 90°. At this point the particle returns and begins to move in the rear direction along the same magnetic line of force. If conditions are favourable, the decay products of the neutrons may perform 10^6 and more oscillations between the northern and the southern turning point. Therefore, the intensity of the flux of these particles increases by the same amount. Experimental data indicate the existence of such a radiation. The present paper carries out a closer investigation in order to find out by what factors the intensity of these rays is determined. Calculation is followed step by step. The authors calculate the intensity of the "terrestrial

Card 2/4

corpuscular radiation" for various heights and latitudes; the results obtained by these calculations are shown by a diagram. They lead to the following conclusions: Although the number of neutrons decaying in the earth is very small, they may cause intensive cosmic radiation. The experimentally determined intensity is by ~ 100 times lower near the equator than calculated intensity. According to experimental data there is no terrestrial corpuscular radiation in geomagnetic latitudes above 40°, but in the present paper $j(\lambda = 40°) \ldots j(\lambda = 0°)$ is obtained. This means non-agreement by more than 10^5 times the amount. In order to reestablish agreement with the experiment, it is useful to assume an additional flux of particles from "magnetic traps", which are particularly stable in large latitudes. This may be due to the existence of electric fields. This assumption also appears to be confirmed by the data concerning the considerable increase of perturbations of the terrestrial magnetic field with increasing latitude. With increasing latitude, the interdictions imposed upon energy by Stoermer's theory are being disobeyed to an ever-increasing extent. The

Card 3/4

mechanism discussed in the present paper must apply also in the neighborhood of astrophysical objects having a magnetic field. Therefore, the investigation of this radiation in the neighborhood of planets may be a means of observing weak magnetic fields. The authors thank B. V. Shebel'tsyn for his advice and M. S. Rabinovich for discussions. There are 2 figures and 7 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: November 21, 1958

MURSKI, C.

Murski C.

Murski C., Eng. "The Design and Calculation of Rolling Mills." (Projektowanie i obliczanie wytrzymałościowe walcowni). Hutnik, No. 1-2, , pp. 1 -3%, 12 figs., tabs.

A method is quoted for determining the neutral diameter of the surface. The theoretical output capacity of the rolls is determined by means of a harmonogram. Further, the resistence of the rolls is computed on the basis of the conception of mean value of actual plastic resistance in the course of rolling. A comparison is made between the values of plastic resistance obtained when applying the formulae of Siedel and Siebel, Lowinski, Trinks and Ekelund. Results nearest to those attainable in actual practice were achieved by the application of the Ekelund formula. After considering the distribution of stresses occurring during rolling, the Trinks formula was used for the computation of the resistance and bending of the rolls. In view of the low degree of accuracy of the mathematical method a graphic method was adopted. The journals were checked according to to substitute stresses, the moment of bending being computed for the danger section. Clutches were submitted to torsion-test only. For preparing the curve of bending, a diagram of secondary moments was used. It is a principle that the rate of bending of rolls must be uniform at all rates of feed. In the example referred to, it amounted to barely 0.6% of the diameter. In the calibration of rolls, the decisive factor is the selection of the proper pressure during the initial feed through the rolls, whereas in the final feed, the decisive factor is the angle of grip.

SO: Polish Technical Abstracts - No. 2, 1951

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

5

12

Design and Calculation of Rolling Mill Rolls. C. Mirski (Hutnik, 1949, vol. 16, Jan. Feb., pp. 18-29). (In Polish). A detailed analysis is presented of design calculation for rolls for square sections, taking into account the properties of the materials rolled, and the stresses in the rolls. The economics of roll design are also considered. W. J. W.

11-33

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MURSKI, C

Murski C.

Murski C., Eng. "Calculation of the Roll Diameters of Grooved Rolls." [illegible] średnic walców walcowni [illegible]. Hutnik, No. [illegible], [illegible], pp. [illegible], [illegible] figs., 2 tabs.

The art of pass design consists not only in giving the form and the dimensions of separate passes but also in their correct dislocation alongside the roll train. By applying the arithmetical method, several formulas which make it possible to calculate roll diameters in separate cases have been deduced. Together with, the author gives several roll definitions. The calculation of the magnitudes of roll diameters for the horizontal, oblique and vertical systems of passes. The deduction of separate formulas was carried out on the assumption that these were present more frequently applied to -pressures. For the horizontal system of passes the calculation of magnitudes of roll diameters was carried out after the design of passes. Both regular open passes and regular closed passes are considered. Examination of the correctness of the calculation of diameters with reference to the axis distance of rolls. Calculation for the oblique system of passes was carried out in the same matter. The methods of calculating roll diameters for the systems of passes mentioned above were applied in the matter in six practical computations.

SO: Polish Technical Abstracts - No. 2, 1951

MURSKI, C.

Polish Technical Abst.
No. 1 1954
Metallurgy

Met

2573 669.14.018.264 : 621.771.8

Miurski C., Wusatowski Z., Misiolek Z. Plating Soft Carbon Steel Sheets with Stainless Steel.

„Platerowanie blach z miękkich stali węglowych blachami kwasoodpornymi". (Prace Inst. Metalurgii No. 5), Katowice, 1952, PWT, 95 pp., 16 figs., 3 tabs.

This paper contains definitions of plated products, a review of commonly used production methods and examples of applying them. The authors discuss their own method of plating soft carbon steel sheets with stainless steel. This method is a variation on rolling in packets, the packeting being done not by means of interpacing rods but with external packing by means of a strip. Investigations were conducted on thick sheets of rimmed carbon steel with about 0.15% C, plated with stainless steel sheets, of 18/8 type, titanium stabilized. It was assumed that if good results were obtained for these materials, then still more satisfactory results should be obtained from plating with other kinds of 18/8 type stainless steel. Individual operations described are: preparatory work, heating and rolling the packets, heat treatment and etching of finished sheets. The plated sheets obtained by this method were tested for technological and mechanical properties and submitted to metallographical examination. On the basis of the results obtained, the value of this method in the production of plated sheet metal was ascertained, and guiding principles for production were established.

MUROKI, C.

British Abst.
B I
Aug., 1953
Ferrous
Metallurgy

Cladding of mild low-carbon steel sheets with stainless steel. C. Muroki, R. Wusatowski, and Z. Mislolek (prace Inst. Metal., 1952, 4, 345-355).--A method of cladding of milk steel sheets with stainless 18/8 steel is developed. Main stages of manufacture are described. The prepared materials are heated to 1150-1200°, hot-rolled and heat-treated at 1050°. The results of the technological, mechanical, and metallographical examination of the product are given. The problem of mutual diffusion at the interface receives special attention.

S. K. Lachowicz.

MURSKI C

ROLLING-MILL PRACTICE

TIME STUDY OF ROLLING-MILL [illegible] C. Murski. (Hutnik (Katowice), 1952, 19, Feb., [illegible]). (In Polish). [illegible] rolling as [illegible] functions of out of [illegible] the planning of work [illegible] mills are discussed. - V.[illegible]

MURSKI, C., O'DONNEL, R.

"Wady wyrobów walcowanych" (Faults of rolled products), by C. Murski, R. O'Donnel. Reported in New Books (Nowe Ksiazki), No. 15, August 1, 1955

MURSKI, Cezary

"Problems of Economic and Technical Progress in the Metallurgical Industry," Wiadomosci Hutnicze, XIII, 7-8:235-42, Jul-Aug 57.

MURSKI, Cezary, mgr.,inz.

8,500 engineers and technicians in the ranks of the Association of Engineers and Technicians of the Metallurgical Industry. Przegl techn 81 no.18:7-8 '60.

1. Przewodniczacy Zarzadu Glownego Stowarzyszenia Inzynierow i Technikow Przemyslu Hutniczego.

MURSKI, Cezary, mgr. inz.

The Day of the Metallurgical Worker 1962. Wiad hutn 18 no.4:101-102 Ap '62.

1. Przewodniczacy Zarzadu Glownego Stowarzyszenia Inzynierow i Technikow Przemyslu Hutniczego, Katowice.

MURSKI, Cezary, mgr inz.

Industrial safety in metallurgy. Wiad hut 18 no.12:357-360 D '62.

1. Zarzad Glowny Stowarzyszenia Inzynierow i Technikow Przemyslu Hutniczego, Katowice.

MURSKI, Cezary, mgr.inz.

The Day of the Metallurgical Worker. Przegl techn no.19:
1 13 My '62.

1. Przewsoniczacy Zarzadu Glownego Stowarzyszenia Inzynierow
i Technikow Przemyslu Hutniczego, Katowice.

MURSKI, Cezary, mgr inz.

Metallurgist's Day, 1962. Hutnik P 29 no.5:160-161 My '62.

1. Przewodniczacy Zarzadu Glownego Stowarzszenia Inzynierow i Technikow Przemyslu Hutniczego, Katowice.

ACC NR: AP6023022 (A) SOURCE CODE: UR/0018/66/000/004/0089/0089

AUTHOR: Murskikh, S. (Captain)

ORG: none

TITLE: Night training of a radar company using daylight standards

SOURCE: Voyennyy vestnik, no. 4, 1966, 89

TOPIC TAGS: ~~training~~, training procedure, ~~equipment~~, radar defense training, radar equipment, mobile radar equipment, radar reconnaissance, defense radar, airborne radar equipment, ~~contaminated training area~~ electronic warfare training, CBR decontamination

ABSTRACT: The defensive tactical night-training exercise of a mobile ground-radar company is described briefly. The exercise involved the crossing of a contaminated area (agents not given), decontamination of vehicles and equipment, and deployment at a designated position. The actual operation of radar equipment was carried out precisely, thanks to previous experience acquired during equivalent daylight training

Card 1/2

ACC NR: AP6023022

exercises. Special markings painted different colors helped to identify various parts of equipment in the darkness. Additional factors such as special illuminating methods and selection of positions in advance during daylight reconnaissance provided a good basis for development of defense methods against an airborne enemy. [AM]

SUB CODE: 15/ SUBM DATE: none/ ORIG REF: none/ SOV REF: none/ OTH REF: none/

Card 2/2

POLIKER, B.Ye.; MURSKIY, G.I.; KARIMOV, A.A.

Rational design of a vertical-spindle cotton-picking drum with frictional drive. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.1: 39-46 '63. (MIRA 17:6)

1. Institut mekhaniki AN UzSSR.

POLIKER, B.Ye.; MURSKIY, G.I.

Cotton-picking machine with planetary frictional double-satellite gear. Izv. AN Us.SSR.Ser.tekh.nauk 6 no.2:27-34 '62. (MIRA 15:7)

1. Institut mekhaniki AN UzSSR.
(Cotton-picking machinery)