

KRIVOSHEYA, I.

In close connection with enterprises. NTO 3 no. 5:49-50 My '61.
(MIRA 14:5)

1. Nachal'nik otdela tekhnicheskoy informatsii Khersonskogo
proyektno-konstruktorskogo tekhnologicheskogo instituta.
(Kherson—Technical societies)

KRIVOSHEYA, I. [Kryvosheia, I.], inzh.

Automatic cutting of steel. Nauka i zhyttia 12 no.2:15 F '63.
(MIRA 16:4)

(Gas welding and cutting)

KRIVOSHEYA, M. D.

KRIVOSHEYA, M. D. -- "Determination of the Variety of Winter Wheat by the Method of Laboratory-Variety Control." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Makhachkala, 1955.
(Dissertation for the Degree of Candidate in Agricultural Sciences).

SO: Knizhnaya Letopis', No 9, 1956

PETROV, A.S.; TKACHENKO, I.A.; KRIVOSHEYA, P.I.; KRAVCHENKO, A.V., inzh.

Advanced section of communist labor. Put' 1 put. khoz. 9 no.2:19
'65. (MIRA 18:7)

1. Nachal'nik Svatovskoy distantsii Donetskoy dorogi (for Petrov).
2. Sekretar' partiynogo byuro, stantsiya Svatovo, Donetskoy dorogi (for Tkachenko).
3. Svatovskaya distantsiya Donetskoy dorogi (for Kravchenko).

SHVAY, L.P.; KRIVOSHEYA, V.A. [Kryvosheia, V.O.]; MESYATS, I.A. [Mesyats, I.O.]; ERENBURG, G.A. [Erenburg, H.O.]

Some problems of hydrogeological conditions in the Dnieper-Donets Lowland in connection with oil and gas potentials. Geol.zhur. 22 no.5:80-85 '62. (MIRA 15:12)

1. Glavnoye geologicheskoye upravleniye UkrSSR.
(Dnieper-Donets Lowland--Petroleum geology)
(Dnieper-Donets Lowland--Gas, Natural--Geology)

FILIPPOV, D.M.; MIKHAYLOV, S.T.; KRIVOSHEVA, V.G.

Use of aeronautical parachutes in the measurement of deep ocean
currents. Meteor. i gidrol. no.5:42-43 My '61. (MIRA 14:4)
(Ocean currents) (Parachutes)

104-3-15/45

AUTHOR: Krivosheya, V.I. and Sarychev, B.M., Engineers.

TITLE: The spacing of supports with pin-type insulators for lines of 6 - 35 kV. (Rasstanovka opor so shtyrevymi izolyatorami dlya linii 6 - 35 kV)

PERIODICAL: "Elektricheskiye Stantsii" (Power Stations), 1957, Vol.28, No.3, pp. 51 - 52 (U.S.S.R.)

ABSTRACT: In the design of transmission lines with pin type insulators the spacing of the supports depends on the profile of the line. It is usually supposed that the difference between span lengths should not be more than 10% on the assumption that when atmospheric conditions change the tensions in the wires in unequal adjacent spans will alter by different amounts which might weaken the poles or damage the conductors. This article provides an analysis of this question and shows that there is no risk in spacing wood or concrete poles with greater differences of span length such as are permissible when suspension insulators are used. This is most economical.

Calculations show that the greatest tension occurs at the minimum air temperature when the conductors were erected at a higher temperature. The preliminary calculations that are required in order to determine the differences of tension are stated. Particular cases are then considered such as two spans

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104-3-15/45

The spacing of supports with pin-type insulators for lines of 6 - 35 kv. (Cont.)

between anchor points, one longer than the other, three spans of gradually increasing length and so on. Diagrams showing the course and results of the calculations are drawn to scale and it is shown that the greatest difference of tension at the support is obtained when there are two spans, one of which is 1.5 to 2 times as long as the other and that even then with conductor MC-50 and region I climatic conditions the difference in tension is only 5 kg, which is negligible and which will not cause damage to the conductors, joints or supports. There are 5 figures.

AVAILABLE: Library of Congress

Card 2/2

KRIVOSHEYA, V.M., inzh.

New metallurgical equipment in foreign countries. Met. 1
gornorud. prom. no.2:81-85 Mr-Ap '62. (MIRA 15:11)
(Metallurgy--Equipment and supplies)

ACC NR: AP6032555 (N) SOURCE CODE: UR/0125/66/000/009/0054/0056

AUTHOR: Krivosheya, V. Ye.; Yudin, V. M.

ORG: Ural Chemical Machinery Plant (Uralkhimashzavod).

TITLE: New guns for manual argon shielded arc welding of titanium articles

SOURCE: Avtomaticheskaya svarka, no. 9, 1966, 54-56

TOPIC TAGS: titanium, ~~welding~~, welding technology, welding equipment, welding gun, ~~argon shielded arc welding~~

ABSTRACT: Two guns for manual argon shielded arc welding of titanium have been developed. The salient feature of both guns is the gas-nozzle diameter (30-50 mm) which produces a wide laminar low-velocity gas stream extending up to 120 mm from the tip of the nozzle. Welding is performed with the argon flow directed against the direction of welding. The stream of argon spreads over the welded joint and adjacent hot zone, protecting them from oxidation. One gun (see Fig. 1) is equipped with automatic feed of the filler wire. It differs from standard guns in that the electrode (16) and gas nozzle (15) are separated: with the electrode in the vertical position, the gas enters the welding zone at an angle of 25-30°. Filler wire is fed automatically through the nozzle (14). The new welding guns simplify the process of welding titanium alloys and give adequate protection against

Card 1/2

UDC: 621.791.856.03:669.295

L 02906-67

ACC NR: AP6032555

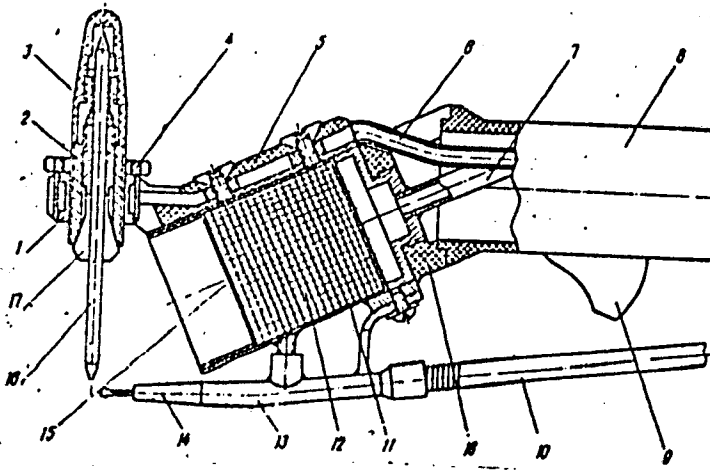


Fig. 1. Gun for argon shielded arc welding of titanium

1, 2, 3, 4, 16, 17 - Electrode holder; 11, 12, 15 - gas nozzle; 10, 13, 14 - filler wire feed mechanism; 5, 6, 7, 8, 9 - gun holder.

Direction of Welding

oxidation of metal, obviating the use of additional devices. Orig. art. has: 4 figures.

SUB CODE: 11, 13/ SUBM DATE: 10Feb66/ ATD PRESS: 5099

Card 2/2 LC

STARICHENKO, Ye.N., inzh.; KRIVOSHEYA, V.Ye., inzh.

Practice of mechanized argon-arc welding of Kh18N10T steel vessels.
Svar.proizv. no.2:9-11 F '64. (MIRA 18:1)

1. Ural'skiy zavod tyazhelogo khimicheskogo mashinostroyeniya.

L 23529-66 EWT(m)/EWP(k)/T/EWP(v)/EWP(t) JD/HM/HW

ACC NR: AP6005343 (A,N) SOURCE CODE: UR/0413/66/000/001/0087/0087

INVENTOR: Krivosheya, V. Ye.; Starichenko, Ye. N.

ORG: none

TITLE: Nickel-base alloy. Class 40, No. 177623 [announced by the Ural Plant of Chemical Machinery (Ural'skiy zavod khimicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 87

TOPIC TAGS: machinery, chemical equipment, nickel base alloy

ABSTRACT: An Author Certificate has been issued for a nickel-base alloy containing titanium, aluminum, and manganese for making welded structures and welding wire. To improve its weldability, the alloy composition is listed as follows (%): titanium, 2.0 -- 3.0; aluminum, 1.1 -- 1.6; manganese, 1.0 -- 1.5; iron, not over 0.15; copper, not over 0.1; silicon, not over 0.2; carbon, not over 0.1; sulfur, not over 0.03; phosphorus, not over 0.02. [LD]

SUB CODE: 11/

SUBM DATE: 12Sep64/

Card 1/1 PB

UDC: 669.245'71'295'74

KRIVOSHEYENKO, G., kand.tekhn.nauk, inzhener-podpolkovnik

Operation of machinery under severe climatic conditions. Tyl 1
snab.Sov. Voor.Sil 21 no.2:70-74 F '61. (MIRA 14:6)
(Vehicles, Military—Cold weather operation)

ZAGADSKIY, Mikhail Konstantinovich, kand. tekhn. nauk, dots.;
SHVETS, Aleksandr Afanas'yevich, kand. tekhn. nauk, dots.;
GRIGOR'YEV, Viktor Andreyevich, kand. tekhn. nauk, dots.;
KRIVOSHEYENKO, Grigoriy Karpovich, kand. tekhn. nauk,
dots.; GORYACHEV, V.I., red.

[Maintenance equipment; construction and operation] Parko-
voe oborudovanie; ustroistvo i ekspluatatsiia. [By] M.K.
Zagadskii i dr. Moskva, Voenizdat, 1964. 331 p.
(MIRA 17:10)

KRIVOSHEYENKO, Grigoriy Karpovich; LEBEDEV, Vladimir Pavlovich;
STAVTSEV, O.N., red.

[Automobile and the chemistry of macro-molecules] Avto-
mobil' i khimiia bol'shikh molekul. Moskva, Voenizdat,
1965. 74 p. (MIRA 19:1)

KRIVOSHEYNKO, G.K., kand.tekhn.nauk (Leningrad)

Difficulties in starting diesel engines at low temperatures and
overcoming them. Stroi. truboprov. 5 no.12:25-28 D '60.

(MIRA 13:12)

(Diesel engines--Cold weather operation)

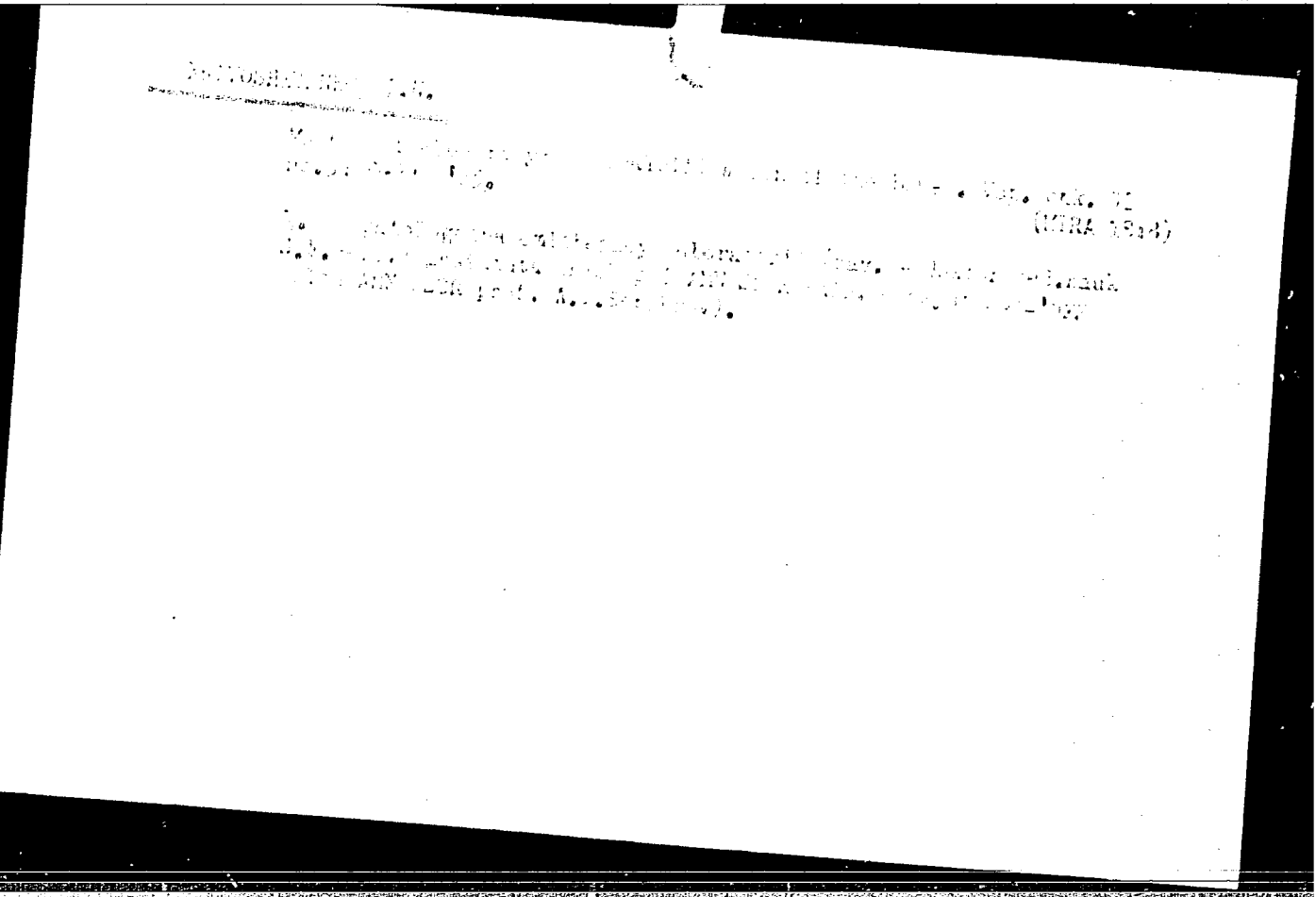
KRIVOSHEYEVA, L.S., otv. red.

[Bulletin of the Botanical Garden of the Academy of Sciences of Kirghiz S.S.R.; floriculture and useful plants]
Tsvetovodstvo i poleznye rasteniia. Frunze, Kirghiz S.S.R., 1968.
65 p.

1. Akademiya nauk Kirgizskoy SSh. Frunze. Botanicheskiy sad.

KRIVOSHEYENKO, P. [Kryvasheenka, R.]

A girl from an electric station. Rab. i sial. 35 no.12:21 D '59
(Vasilevichi--Electric power plants)



06453

SOV/107-59-5-48/51

6(4)

AUTHOR: Krivosheyenko, V.

TITLE: Radio Building in China

PERIODICAL: Radio, 1959, Nr 5, p 60 (USSR)

ABSTRACT: The author reviews briefly the progress made in the development of the Chinese electronics and radio industry. This review is based on information from the periodical "Wu-hsien-tien". Experimental vhf broadcasts are conducted in Peking, which have a range of 60-70 km. The development of TV is emphasized. Besides Peking, TV stations were erected in Shanghai and in Harbin. In 1958, the Chinese radio industry started the production of the TV set "Peking" which resembles the Russian "Rubin" and "Znamya" TV sets. Mobile TV stations and other TV station equipment are manufactured in adequate quantity and quality. Besides the Peking Radio Plant, the Shanghai and Tientsin radio plants began the production of TV sets. The plant "Hia-pao-wu-tien" is also mentioned.

Card 1/2

Radio Building in China

06453
SOV/107-59-5-48/51

ch'i-ts'ai started the production of over 100 different radio items. More than 70 models were shown at an exhibition of Chinese radio receivers in November 1958. The author mentions the following receivers: "Hsun-mao 506", "Mei-to 52A-A", "Hsin-shih-tai 104", "Mudan' 101", "563A", "562A" and others. The number of Chinese radio amateurs is growing constantly. In 1958, students of the Ching-hua university built a radiotelescope. Students of all faculties are trained in 90-hour courses at the Peking Radio Club.

Card 2/2

KRIVOSHEYENKO, V.

Aquatic sports in China. Voenn. znan. 35 no.8:29 Ag '59.

(MIRA 12:12)

(China--Aquatic sports)

KHUAN YUH-LYAN [Huang Yung-liang]; KRIVOSHEYENKO, V. [translator]

Airplane model builders of China. Kryn.rod. 11 no.6:31 Ja
'60. (MIRA 13:7)
(China--Airplanes--Models)

CHZHAN CZHEN' [Chang, Chen]; KRIVOSHCHENKO, V. [translator]

"The fleet" on Hsuan Wu Hu. Voen.znan. 36 no.3:36
Mr '60. (MIRA 13:3)
(Nanking--Ship models)

KRIVOSHEYENKO, V.

The FIM Cup is ours. Za rul. 21 no.4:12-13 Ap '63. (MIRA 16:5)
(Motorcycle racing)

KRIVOSHEYNKOVA, O.M., assistant

Certain analogies in problems of rod bending taking into
account the time factor. Nauch.dokl.vys.shkoly; stroi. no.2:
97-103 ' 58. (MIRA 12:1)
(Elastic rods and wires)

KRIVOSHEYENKOV, O.M., aspirant

Calculating the creep of a continuous girder. Nauch.dokl.vys.shkoly;
stroitel'noy no.3:49-57 '58. (MIRA 12:7)

1. Rekomendovana kafedroy stroitel'noy mekhaniki Vsesoyuznogo zaach-
nogo inzhenerno-stroitel'nogo instituta.
(Girders) (Creep of metals)

SHTEFAN, I.D., inzh.; KRIVOSHEY, I.A., inzh.

Sinking inclined shafts in the Krivoy Rog Basin. Shakht. stroi. 7
no.7:23-26 J1 '63. (MIRA 16:10)

1. Krivorozhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva.

KRIVOSHEY, I.V.

Determination of the number of stereoisomers of complex compounds. Zhur.strukt.khim. 4 no.5:757-761 S-0 '63. (MIRA 16:11)

1. Khar'kovskiy gosudarstvennyy universitet imeni Gor'kogo.

KRIVOSHEYA, V.G., inzh., red.; PETROVA, V.V., red.izd-va;
RODIONOVA, V., tekhn. red.

[Instructions for designing steel elements by using
curved profiles] Ukazania po proektirovaniu stal'nykh
konstruktsii s primeneniem gnutykh profilei (SN 247-63).
Moskva, Gosstroizdat, 1963. 25 p. (MIRA 17:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po
delam stroitel'stva.

ACCESSION NR: AP4013290

S/0135/64/000/002/0009/0011

AUTHOR: Starichenko, Ye. N. (Engineer); Krivosheya, V. Ye. (Engineer)

TITLE: Experience with the mechanized argon-arc welding of vessels made of Kh18Ni9Ti steel

SOURCE: Svarochnoye proizvodstvo, no. 2, 1964, 9-11

TOPIC TAGS: welding, arc welding, argon arc welding, mechanized argon arc welding, steel welding, Kh18Ni9Ti steel welding

ABSTRACT: The article describes the technological aspects of mechanized argon-arc welding of vessels manufactured from Kh18Ni9Ti steel, as well as the design and construction of special-purpose rigs used in welding the sections and body of the pressure container. The vessel consists of three shells with a wall thickness of 3 mm and two elliptical bottoms 5 mm thick. Requirements of stability and resistance to intercrystalline corrosion are levied on both the base metal and the weld metal. The work had previously been done by manual arc welding with type EAl electrodes. As a result of tests, the decision was made to switch to a method of d-c reverse-polarity mechanized argon-arc welding with nonconsumable electrodes. The equipment and its technical characteristics are described. Arc current is said

Card 1/2

ACCESSION NR: AP4013290

to lie within 230 to 330 amperes, arc voltage from 8 to 15 volts (two separate beads laid from one side in one method and from two sides in another method). Arc length varies from 1 to 3 mm, with a welding rate of 7 to 25 m/hr. Filler wire diameter is 1.6-2 mm. Lanthanized tungsten (type VL-10) was used as the nonconsumable electrode, and welding wire Sv-06Kw19N9T as the deposit material. Special rigs are also described which were designed for the welding of the sections and body of the vessel to provide butt-welding of the seam, clamping against the copper backing, and displacement of the welding head along the seam. Orig. art. has: 1 table and 3 figures.

ASSOCIATION: URALKHIMMASH

SUBMITTED: 00

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

KRIVOSHEYENKO, G.K. (Leningrad)

Guaranteed efficiency of machines in a permafrost region.
Stroil. truboprov. 8 no.9:27-29 S '63. (MIRA 16:11)

KRIVOSHEYENKOV, O. M. Cand Tech Sci -- (diss) "Certain problems of the ^{design} ~~calculation~~
of rod systems taking into account ~~the~~ creepage of ~~the~~ material." Mos, 1959.
10 pp (Mos Order of Lenin and Order of Labor Red Banner Inst of Engineers of
Railroad Transport im I. V. Stalin, Chair of Construction Materials), 150 copies
(KL, 43-59, 124)

-51-

130-58-2-5/21

AUTHORS: Krivosheyev, A.A. and Geyko, A.G.

TITLE: Hermetic Sealing of the Scale-car Cabin (Germetizatsiya kabiny vagon-vesov)

PERIODICAL: Metallurg, 1958, Nr 2, pp 7 - 8 (USSR).

ABSTRACT: In spite of complete mechanisation of scale-car operation in the intake and weighing of charge materials, the adoption of hot-sinter charging at the imeni Dzerzhinskogo (imeni Dzerzhinskiy) Works made the driver's conditions uncomfortable. The authors describe a sealed and air-conditioned cabin, nine of which were installed at the Works in 1955-57 for operating with sinter at 400 - 450 °C). The cabin is provided with two windows on each side and the door (facing the bunkers) is also glazed. All controls are located inside the cabin, the layout being shown in Fig.1. The air entering the cabin is cleaned by passing over a water-sprayed coke filter resting on a steel grid over a tank (Fig.2) fixed to the main frame of the car. The tank water is sprayed on the coke with the aid of a type 700-40 pump and the tank has doors for periodical removal of the accumulated dust-sludge and addition of coke to the filter. A "Sirocco" Nr 4 fan passes the cleaned air at 18 - 20 °C into the cabin and maintains a pressure sufficient to prevent the ingress of dust. The adoption of this system is said to have improved blast-furnace operation as well as the scale-car

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Hermetic Sealing of the Scale-car Cabin

130-58-2-5/21

drivers' working conditions and rates. There are 2 figures.

ASSOCIATION: Zavod im. Dzerzhinskogo (Imeni Dzerzhinskiy Works)

AVAILABLE: Library of Congress
Card 2/2

1. Blast furnaces-Equipment engineering
2. Air conditioning-Human engineering

POLOVCHENKO, I.G., kand.tekhn.nauk; APANAS'YEV, V.N., inzh.; UZLYUK, V.N.,
inzh.; KRIVOSHEYEV, A.A., inzh.; YAROSHEVSKIY, N.D., inzh.

Investigation and control of the erosion of blast furnace linings.
Stal' 20 no.9:769-774 S '60. (MIRA 13:9)

1. Zavod im. Dzerzhinskogo i Tsentral'nyy nauchno-issledovatel'skiy
institut chernoy metallurgii.
(Blast furnaces--Maintenance and repair)
(Refractory materials)

KRIVOSHEYEV, A.G., inzh.

Arrangement for the transfer of excavators from one area
to another. Mat. i gornorud. prom. no.5:79 S-0 '63.
(MIRA 16:11)

1. Kamyshburunskiy zhelezorudnyy kombinat.

KRIVOSHEV, A.K., REPNIKOV, V.N.

Analyzing housing projects to be built with the aid of workers
and employees. Trudy NPI 10253-61 '59. (MIRA 13:7)
(Apartment houses) (Construction industry--Costs)

SMIRNOV, L.A., otv.red.; HEKTOV, A.K., red.; GRIGOR, V.I., dotsent, red.; ZAKHAROV, V.A., red.; KRIVOSHEYEV, A.K., dotsent, red.; NEVEDROV, A.T., red.; RAZUMOVSKIY, V.M., dotsent, red.; NIKOLAYEVA, T.A., red.isd-va; NAZAROVA, A.S., tekhn.red.

[Planning, building, and improving cities] Planirovka, sstroika i blagoustroistvo gorodov. Moskva, Izd-vo M-va kommun.khoz.RSSR, 1960. 179 p. (MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. 2. Predsedatel' pravleniya Rostovskogo otdeleniya Soyuza arkhitektorov SSSR (for Grigor). 3. Nachal'nik otdela po delam stroitel'stva i arkhitektury Rostovskogo oblispolkoma (for Zakharov). 4. Zaveduyushchiy kafedroy arkhitektury Novocherkasskogo Ordена Trudovogo Krasnogo Znameni politekhnicheskogo instituta imeni S.Ordzhonikidze (for Krivosheyev). 5. Kafedra arkhitektury Rostovskogo inzhenerno-stroitel'nogo instituta (for Razumovskiy).
(City planning) (Apartment houses)

KRIVOSHEYEV, A.K., dotsent

Scientific methods of standard planning. Trudy MNI no.14:
240-242 '59. (MIRA 13:1)

1. Novocherkasskiy politekhnicheskiy institut.
(Architecture--Designs and plans)

KRIVOSHEYEV, Aleksandr Kos'mich, dots.; ZHITKOV, V.Ya., starshiy
prep., otv. red.; PLESHAKOV, V.D., dots., red.; ZARIP'YAN,
A.Z., dots., red.; NAUMOVA, Yu.A., tekhn. red.

[Types of apartments planned for the third climate region
of the U.S.S.R.] Perspektivnye tipy kvartir dlia tret'ego
klimaticheskogo raiona SSSR. Novocherkassk, Redaktsionno-
izdatel'skii otdel NPI, 1962. 74 p. (MIRA 16:4)

1. Novocherkassk. Politekhnikheskiy institut. Kafedra arkhitektury.
(Apartment houses--Design and construction)

KRIVOSHEYEV, A.S., master

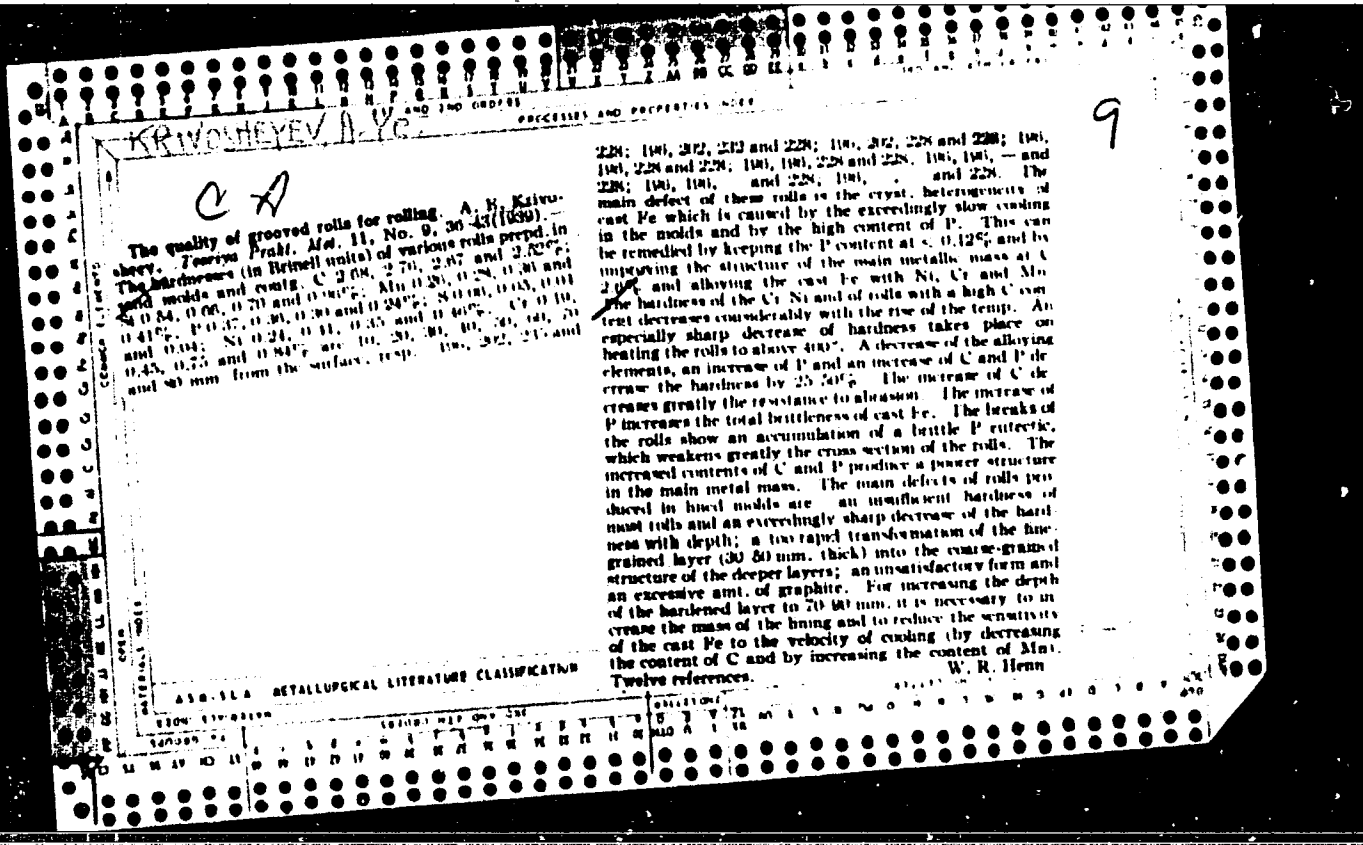
Defects of interphase insulation. Energetik 11. no. 12:20 D 163.
(MIRA 17:5)

KRIVOSHEYEV, A. V. (Engineer, Moscow)

"Vacuum diffusion bonding."

Report presented at the 3rd Baltic Conference on Welding, convened by the Sovnarkhozes of the Lithuanian SSR, Latvian SSR, and Estonian SSR, 8-9 April 1964, Vilnius.

[Avtomaticheskaya SVARKA, No. 7, 1964 p. 95]



КРИВОШЕЙЕВ А. Я.

CA

9

The quality of grooved rolls for rolling. A. N. Krivosheyev. *Tsvetnyye Prakh. Met.* 11, No. 9, 36-43 (1939). — The hardness (in Brinell unit) of various rolls prepared in the mills and cast. C 2.08, 2.70, 2.87 and 2.82%; Mn 0.24, 0.28, 0.30 and 0.34; P 0.07, 0.09, 0.10 and 0.12%; S 0.01, 0.01, 0.01 and 0.01; Ni 0.24, 0.31, 0.35 and 0.40%; Cr 0.10, 0.15, 0.20 and 0.24%; Mn 0.20, 0.24, 0.30, 0.34, 0.40 and 0.45% from the surface, resp. 100, 202, 215 and 228.

228; 190, 202, 215 and 228; 190, 202, 228 and 228; 190, 190, 228 and 228; 190, 190, — and 228; 190, 190, — and 228; 190, — and 228; 190, — and 228. The main defect of these rolls is the crystal heterogeneity of cast Fe which is caused by the exceedingly slow cooling in the molds and by the high content of P. This can be remedied by keeping the P content at $\leq 0.12\%$ and by improving the structure of the main metallic mass at 2.0% and alloying the cast Fe with Ni, Cr and Mn. The hardness of the Cr-Ni and of rolls with a high C content decreases considerably with the rise of the temp. An especially sharp decrease of hardness takes place on heating the rolls to about 400°. A decrease of the alloying elements, an increase of P and an increase of C and P decrease the hardness by 25-50%. The increase of C decreases greatly the resistance to abrasion. The increase of P increases the total brittleness of cast Fe. The breaks of the rolls show an accumulation of a brittle P eutectic, which weakens greatly the cross section of the rolls. The increased contents of C and P produce a poorer structure in the main metal mass. The main defects of rolls produced in lined molds are: an insufficient hardness of most rolls and an exceedingly sharp decrease of the hardness with depth; a too rapid transformation of the fine-grained layer (30-50 mm. thick) into the coarse-grained structure of the deeper layers; an unsatisfactory form and an excessive amt. of graphite. For increasing the depth of the hardened layer to 70-80 mm. it is necessary to increase the mass of the lining and to reduce the sensitivity of the cast Fe to the velocity of cooling (by decreasing the content of C and by increasing the content of Mn).
Twelve references.
W. R. Henn

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

KRIVOSHEYEVA Ye
 CA

9

Abnormal structure in rolls from refined pig iron. K. Bunin and A. M. Krivosheya. *Tsvety Prubi. Met.* 12, No. 5-6, 61-3 (1940).—The abnormal sepa. of the components of pearlite in the rolls is conditioned by a large quantity of carbides of eutectic origin and a low rate of cooling. The use of the existing type of coke pig Fe produces more abnormal structures than does charcoal pig Fe. Addn. of Mo, Ni and Cr decreases the degree of abnormality. The abnormality of the structure lowers the resistance to abrasion. W. R. Henn

ASS. S. L. A. METALLURGICAL LITERATURE CLASSIFICATION
 FROM STUSSILVA

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
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KRIVOSHEYEV, A. Ye.

"Rolls with High Endurance," Stal', No.6, pp. 200-202, 1946

Evaluation B-60896

KRIVOSHEYEV, A. YE.; GUDYNOVICH, V. S.

Engr., Dnepropetrovsk Metal Inst., -c1948-.

"Ingot mold casting of steel charging boxes for Martin furnaces,"
Stal', No. 8, 1948

KRIVOSHEYEV, A. Ye.

Krivosheyev, A. Ye. - "An instrument for top ventilation of locomotive boilers",
(With editorial comment), Tekhnika zhel. dorog, 1948, No. 12, P. 25.

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

42341 KRIVONOSYCH, A. YU. - Regular vaniye svoystv sortoprokatnykh valkov. Nauch.
Trudy (Dnepropetr. metallurg. in-t in. Stalina, 77. 12, 1948, s. 136-37.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

Krivashkevich, A. Ye. - "The refineability of pig iron and the quality of rollers,"
Nauch. Trudy (Dnepropetr. metallurg. inst. im. Stalina), Issue XV, Illegnoye
proizvodstvo. Metal'ovedeniye, 1948, p. 3-30.

SG: U-3950, 16 June 53, (Lot pis 'Zhurnal 'nykh Statey, No. 5, 1949).

KRIVOSHCHENKO, A. M.

Krivoshchenev, A. Ye. and Rubnitskiy, L. S. - "On the melting of cast iron in a flame furnace," Nauch. Trudy (Dnepropetr. metallurg. in-t im. Stalina), Issue XV, Liteynoye proizvodstv. Metallovedeniye, 1948, p. 31-48.

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

Name: KRIVOSHEYEV, Andrey Yevdokimovich

Dissertation: Cast Cylinders (Theoretic and technological bases
of production)

Degree: Doc Tech Sci

Affiliation: Dnepropetrovsk Metallurgical Inst

Defense Date, Place: 8 Dec 55, Council of the Moscow Order of Labor
Red Banner Inst of Steel imeni Stalin

Certification Date: 12 May 56

Source: BMVO 4/57

KRIVOSHEV, A. G.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610008-0

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610008-0"

137-58-2-2840

KRIVOSHEYEV, A. YE.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 91 (USSR)

AUTHOR: Krivosheyev, A. Ye.

TITLE: Increasing the Durability of Cast Rolls (Povysheniye stoykosti litykh prokatnykh valkov)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1956, Vol 10, pp 218-233

ABSTRACT: A qualitative study was made of steel and cast-iron rolls. The best operational properties were exhibited by rolls of hypereutectoid steel, because these wear less and with greater evenness. As a result of the "viscous" wear of hypoeutectoid and eutectoid steels the effective surface of the rolls quickly lost its smoothness and became covered with tiny protuberances, which only increased the wear. Hypereutectoid steel and cast iron exhibited a "brittle" wear. The smoothness of these rolls was restored, thereby holding the wear to a minimum. Greater use should be made of rolls made from alloyed and unalloyed steel with a 1.4-2.0 percent C content. Technical specifications must be worked out for them and the heat treatment improved, sand casting to be replaced by the exclusive

Card 1/2

137-58-2-2840

Increasing the Durability of Cast Roll's

use of metal molds or extremely thick cooling boxes (150-300mm). The choice of cast-iron rolls, which must be carefully made, should be guided by the specific conditions in which they are to be used. A classification of operating conditions is given for plate rolls and section rolls. Attention is given to the wear-resistant qualities of the chilled layer as these relate to various factors. Included are a performance curve for the rolls, recommendations concerning the chemical composition of the cast iron to be used, etc.

D.M.

1. Rolls--Durability 2. Rolling mills--Applications

Card 2/2

KRIVOSHEYEV, A.Ye., kandidat tekhnicheskikh nauk, dotsent.

The quality of cast-iron rolls for shape rolling. Stal' 16
no.7:649-650 J1 '56. (MLRA 9:9)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Rolls (Iron mills)--Quality control)

KRIVOSHEYEV, Andrey Yeydovitch, professor, doktor tekhnicheskikh nauk;
GOLOVIN, S.I.A., redaktor; SIDOROV, V.N., inzhener, redaktor
izdatsel'stva; MIKHAYLOVA, V.V., tekhnicheskij redaktor

[Cast rolls; theoretical and technological principles of production]
Litye volki; teoreticheskie i tekhnologicheskie osnovy proizvodstva.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoj i tsvetnoi metal-
lurgii, 1957. 360 p. (MIRA 10:8)
(Rolls (Iron mills))

KRIVOSHEYEV, A YE

133-7-25/28

AUTHOR: Krivosheyev, A.Ye., Doctor of Technical Sciences, Professor
and Yzerskiy, B.B., Engineer.

TITLE: The Production of Rolls with Cast Roll Passes (Proizvodstvo
valkov s litymi kalibrami)

PERIODICAL: Stal', 1957, no.7, pp. 663 - 665 (USSR).

ABSTRACT: The production of cast iron rolls with roll passes is
stated to be an established practice in the USSR. Superiority
of cast roll passes and the method of casting such rolls into
chill moulds as well as the method of casting chill moulds is
outlined and illustrated in Figs. 2 and 3. Low alloy and not
alloyed cast iron is used (chemical composition is given).
There are 3 figures and 3 Slavic references.

ASSOCIATION: Dnepropetrovsk Metallurgical Institute and
Dnepropetrovsk' Cast Iron Rolls Manufacturing Works
(Dnepropetrovskiy Metallurgicheskiy Institut i
Dnepropetrovskiy Chugunoval'tsedelatel'nyy Zavod)

AVAILABLE: Library of Congress.

Card 1/1

~~PRIVATE EYE, A/E.~~

... were electronically classified in a ...

KRIVOSHEYEV A. Ye.

AUTHOR: None Given 117-58-5-23/24

TITLE: All-Union Conference of Foundry Workers (Vsesoyuznoye soveshchaniye liteyshchikov)

PERIODICAL: Mashinostroitel', 1958, Nr 5, p 48 (USSR)

ABSTRACT: At the end of 1957, an All-Union conference took place in Moscow on scientific research in casting. After the plenary session the meeting broke up into the following 5 sections: iron casting, steel casting, technology of the casting form, non-ferrous casting, and equipment. A total of 45 reports were given. Representatives of the satellites also participated. V.M. Shestopal, Candidate of Technical Sciences (Giprostanok) reported on "The Latest in Projects of Foundry Shops and Plants". I.P. Yegorenkov, Candidate of Technical Sciences reported on "The Latest in Projects of Casting Machines". N.G. Girshovich, Professor and Doctor of Technical Sciences (LPI imeni Kalinin) reported on the important research work being accomplished in determining the continuity of solidification of castings. A.F. Landa, Professor, Yu.A. Litvintsev, Engineer and Florin of the Moskovskiy institut khimicheskogo mashinostroyeniye (Moscow Institut of Chemical Machine Build-

Card 1/3

All-Union Conference of Foundry Workers

117-58-5-23/24

ing) reported on increased corrosion resistance and heat resistance of high-test iron with ball-shaped graphite. A.Ye. Krivosheyev, Professor of the Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk Metallurgical Institute) reported on "The Crystallization of Chilled Iron". B.S. Mil'man, Candidate of Technical Sciences (TSNIITMASH) reported on "The Formation of Ball-Shaped Graphite and Prospects for Receiving High Test Iron". N.D. Titov, Candidate of Technical Sciences (Automobile Plant imeni Likhachev) reported on "Conveyor Mass Production at ZIL". G.I. Kletskin, Candidate of Technical Sciences (Stankolit) spoke on "Improvements of the Process of Melting Iron in Cupola Furnaces". N.V. Gel'perin, Candidate of Technical Sciences (NII TSKhM) reported on "Production of Crank Shafts for Tractor and Harvester Engines". I.N. Frolov, Engineer of the Barnaul'skiy kotel'nyy zavod (Barnaul Boiler Plant) reported on the centrifugal casting of important iron and steel parts. Ye.M. Baturin, Engineer, reported on "Risers in Exothermic Heat Treatment". N.Ya. Kogan, Engineer, (VPTI, GLAVNIIP at GOSPLAN USSR) reported on "A New Technology of Producing Large Castings in Mechanized

Card 2/3

All-Union Conference of Foundry Workers

117-58-5-23/24

Caissons". N.N. Belousov, Candidate of Technical Sciences and A.A. Dodonov, Engineer, K.G. Kovvi and Z.G. Mednikov talked about casting under pressure by using a vacuum. G.S. Taburinskiy, Engineer (NIILITMASH) reported on automatic machines for shell moulds and cores. The work of the conference will be published in 1958.

AVAILABLE: Library of Congress

Card 3/3 1. Foundry workers-Conference-USSR

18(4)

NOV/123-59-7-23/25

AUTHOR: Krivosheyev, A.E., Doctor of Technical Sciences,
Rudnitskiy, L.S., Candidate of Technical Sciences and
Relay, G.Ye., Engineer

TITLE: Up-to-Date Methods in Producing Magnesium Master-
Alloys

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 7, pp 45-47 (USSR)

ABSTRACT: The preparation of industrial castings from magnesium
cast iron with spheroidal graphite formation (spheroidal
cast iron) requests an improvement of the cast
iron processing method. So far the Mg-Alloy is produced
by the consumer and according to different methods
of production. It is urgently necessary to accomplish
an immediate central production of Mg-alloys. Out of
the many domestic and foreign patents in this field
the silicon-Mg and the nickel-Mg alloys have found the
widest propagation. The various methods described in
the literature are uneconomic. During 1955/56 the
Metallurgical Plant in Zaporozhyehad elaborated a

Card 1/2

SOV/128-59-7-23/25

Up-to-Date Methods in Producing Magnesium Master-Alloys

method for the central production of alloys (Liteynoye Proizvodstvo, 1956, Nr 3). This plant has produced 20 tons of Si-Mg alloy with a contents of 6 to 14% of magnesium. The "new" method suggested by the author D. Ye. Miklukhin and Belonsov L.A. (Liteynoye Proizvodstvo, 1958 Nr 5) is incorrect, too expensive, and, following this suggestion, it is not possible to produce alloys of equal value. The authors of this article suggest an improved method and do not agree with the quoted authors fighting a central production of alloys. The authors of this article request from GOST the elaboration of uniformly binding work specifications, but not based on the method suggested by Miklukhin and Belonsov. There are 2 diagrams and 9 Soviet references

Card 2/2

S/137/61/000/007/034/072
A060/A101

AUTHORS: Krivosheyev, A. Ye., Rudnitskiy, L. S.

TITLE: Perspectives for increasing the durability of working and idling
rolls of continuous thin-sheet mills

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1960, 16, abstract 7D124
("Tr. Konferentsii: Tekhn. progress v tekhnol. prokatn. proiz-va".
Sverdlovsk, Metallurgizdat, 1960, 418-434)

TEXT: On the basis of observations carried out upon the operation of thin
sheet hot-rolling mills 1680 and 1450 it was established that in the stands 5-8
it is expedient to use two-layer working rolls made of medium alloy iron (2.6-3.2
pc Ni and 0.5-0.8 pc Cr) with working layer hardness 66-72 H_{sh}, in the stands
9-10 - higher alloy iron (3.8-4.5 pc Ni and 0.8-1.0 pc Cr) and working layer
hardness 78 - 83 H_{sh}. For the stands 5-8 the rolls should be tempered at 180 -
250°C and for stands 9 - 10 at 100 - 150°C.

A. Bulanov

[Abstracter's note: Complete translation]

Card 1/1

KRIVOSHEYEV, A.Ya.; FETISOV, N.M.

Foundry properties of graphitic steel. Lit.proizv. no.11:30-31
N '61. (MIRA 14:10)

(Steel—Thermal properties)
(Foundries--Equipment and supplies)

KRIVOSEEV, A.E. [Krivosheyev, A.Ye.]

Crystallization of chilled iron. Analole metalurgie 16 no.1:189-200
Ja-Mr '62.

KRIVOSHELEV, A.Ye.; POGREBNOY, E.N.; FETISOV, N.M.

Inoculation of steel undergoing graphitization. Lit.proizv.
no.11:28-29 N '62. (MIRA 15:12)
(Steel—Metallurgy)

KRIVOSHEYEV, A. Ye.; TARAN, Yu. N.

Characteristics of the structure of high-strength two-layer
rolls of chromium-nickel cast iron. Izv. vys. ucheb. zav.;
chern. met. 5 no.12:131-137 '62.

(MIRA 16:1)

1. Dnepropetrovskiy metallurgicheskiy institut.

(Rolls (Iron mills))

(Iron-nickel-chromium alloys—Metallography)

S/276/63/000/003/005/006
A004/A127

AUTHORS: Krivosheyev, A. Ye., Pogrebnoy, E. N., Fetisov, N. M.

TITLE: The effect of modification on the structure and mechanical properties of cast steel being graphitized

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 3, 1963, 6, abstract 3G42 ("Sb. nauchn. tr. Dnepropetr. metal-lurg. in-t", 1962, no. 49, 165 - 174)

TEXT: Modifying additions effectively affect the structure of cast and annealed graphitized steel. In the complex modification of steel by aluminum + calcium silicon + boron, the boron additions that are added for increasing the hardenability should not exceed 0.01%. Boron additions of more than 0.01% can only be recommended for castings whose ductility may be reduced at high demands made on their hardenability and wear resistance during operation.

[Abstracter's note: Complete translation]

Card 1/1

KRIVOSHEYEV, A.Ye.; FETISOV, N.M.

Effect of the thermal resistance of foundry molds on the formation of shrinkage cavities in steel castings. Izv.vys.ucheb.zav.; Chern. met. 6 no.1:160-166 '63. (MIRA 16:2)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Steel castings--Defects)
(Foundries--Equipment and supplies)

KRIVOSHEYEV, A.Ye.; RUDNITSKIY, L.S.; BELAY, G.Ye.; NIKOLAYEV, N.A.;
Prinimali uchastiye: PARSHIN, A.I.; KNYAZHANSKIY, M.U.; BELYI, N.I.;
CHERKUN, N.A.; NECHAYEVA, Z.A.; LEV, I.Ye.; BUNINA, Yu.K.

Iron mill rolls of cerium cast iron. Stal' 23 no.3:278-282 Mr
'63. (MIRA 16:5)

1. Dnepropetrovskiy metallurgicheskiy institut (for Krivosheyev,
Rudnitskiy, Belay, Nikolayev, Lev, Bunina). 2. Dnepropetrovskiy
chugunoval'tseobdelatel'nyy zavod (for Parshin, Knyazhanskiy, Belyy,
Cherkun, Nechayeva).

(Rolls (Iron mills))

KRIVOSHEYEV, A.Ye.; LEV, I.Yb.; RUDNITSKIY, L.S.; BELAY, G.Ye.

Cerium distribution among phases in white cast iron. Fiz. met.
i metalloved. 16 no.2:313-316 Ag '63. (MIRA 16:8)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Cast iron—Metallography)
(Cerium—Metallography)

KRIVOSHEYEV, A.Ye.; TARAN, Yu.N.

Characteristics of the microstructure of rolls made of nickel-
manganese cast iron. Izv. vys. ucheb. zav.; chern. met. 7
no.2:147-152 '64. (MIRA 17:3)

1. Dnepropetrovskiy metallurgicheskiy institut.

KRIVOSHEYEV, A.Ye., doktor tekhn.nauk; RUDNITSKIY, L.S., inzh.; BELAY, G.
Ye., inzh.; NIKOLAYEV, N.A., inzh.

Rolls made of low-phosphorus cast iron with spheroidal graphite.
Mashinostroenie no.4:44-47 J1-Ag '63. (MIRA 17:2)

1. Dnepropetrovskiy metallurzhicheskiy institut.

KRIVOSHEYEV, A.Ye.; LEV, I.Ye.; RUDNITSKIY, L.S.; BELAY, G.Ye.

Distribution of cerium between the phases of cast iron. Lit.proizv.
no.7:23-24 J1 '64. (MIRA 18:4)

KRIVOSHEYEV, A. Ye.; LEV. I. Ye.; RUDNITSKIY, L.S.; RELAY, G. Ye.

Distribution of cerium among phases in gray cast iron and its effect on the structure. Izv. vys. ucheb. zav.; Chern. met. 8 no.1:130-135 '65 (MIRA 18:1)

1. Dnepropetrovskiy metallurgicheskiy institut.

ERIVOSHNEV, A.I.; TARAN, Yu.N.; KALININA, L.T.; NIKOLAYEV, N.A.

Effect of anomalous structure on the properties of chilled magnesium
cast iron. Izv. vys. ucheb. zav.; Chern. met. 8 no.7:160-174 '65.

(MIRA 18:7)

1. Dneprovskiy metallurgicheskiy institut.

SHILOV, P.M., doktor tekhn.nauk; KRIVOSHEYEV, A.Ye., doktor tekhn.nauk;
DEMIDOVICH, N.S., kand.tekhn.nauk; RUDNITSKIY, L.S., kand.tekhn.nauk;
FLOROV, K.V., kand.tekhn.nauk; SHAPOVAL, I.M., kand.tekhn.nauk;
OLEYNICHENKO, V.G., inzh.; ZAIKIN, N.A., inzh.; TITOV, A.I., inzh.

Replacing alloyed steels by high-strength cast iron in manufacturing
machine parts. Mashinostroenie no.4:59-61 JI-Ag '65.

(MIRA 18:8)

BRISCHETEV, A.Ye., doktor tekhn.nauk; TARAN, Y.N., kand.tekhn.nauk; BOMBA,
Yu.K., inzh.

Investigating the isothermal decomposition of austenite in white
chromium-nickel cast iron. Lit. proizv. no.7:22-24 JI '65.

(MIRA 18:8)

KRIVOSHEYEV, A.Ye., doktor tekhn. nauk; ADAMOV, I.V., inzh.

Formation of hot cracks in cast-iron chill rolls. Lit. proizv.
no.12:21-23 D '65. (MIRA 18:12)

FR. GOLITSKY, R.M.

Toxic effect of synthetic antineoplastic preparations in patients with late endometrial hyperplasia. Vest. Lening. gos. univ. Ser. med. (MIRA 1811)

I. Gor'kovskiy bezhno-zonerniy sledstviy na nizh. i sred. med. nauk O.D. Fachura) Minist. zdrav. i fiz. vospitaniya SSSR.

GOBZA, R.N., red.; GELIN, M.M., red.; KRIVOSHEYEV, B.S., red.;
SORIN, Ye.Ye., red.; VENIKEYEVICH, L.A., red.;
AVER'YANOVA, L.B., red.

[Adjusting and planning systems of industrial ventilation
and air conditioning] Naladka i proektirovanie sistem pro-
myshlennoi ventilyatsii i konditsionirovaniia vozdukha;
tematicheskii sbornik. Moskva, TSentr. biuro tekhn. infor-
matsii, 1964. 157 p. (MIRA 17:12)

1. Moscow. Proyektnyy institut "Proyektpromventilyatsiya."

1. KRIVOSHEYEV, I.
2. USSR (600)
4. Rural Electrification
7. Construction work in the establishment of an electric system. Sel'stroi. 2
no. 7, 1947

9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

KRIVOSHEYEV, I.T.

Conducting excursions for the study of physics. Fiz. v shkole
23 no.4:88-90 J1-Ag '63. (MIRA 17:1)

1. 326-ya vos'miletnyaya shkola imeni A.S. Makarenko, st.
Dzhambul Kazakhskoy SSR.

GUBAREV, G.; KRIVOSHEYEV, K.; YEFREMOVA, N., normirovshchik

Shortened workday and the productivity of labor. Sots.trud. no.4:117-122
Ap '58. (MIRA 11:4)

1. Nachal'nik otдела truda, zarabotnoy platy i rabochikh kadrov
Rostovskogo sovnarkhoza (for Gubarev). 2. Nachal'nik otдела truda i
zarabotnoy platy zavoda "Avtopribor."
(Hours of labor) (Labor productivity)

KRIVOSHEYEV, K.

Reconstruction of the Vladimir factory "Avtopribor" and labor productivity. Sots.trud 4 no.11:123-127 N '59. (MIRA 13:4)

1. Nachal'nik otdela truda i zarabotnoy platy vladimirskogo zavoda "Avtopribor."

(Vladimir--Tractors--Equipment and supplies)
(Labor productivity)

KRIVOSHEYEV, K.

~~What is achieved by workers' initiative.~~ Sov. profsoiuzy 7 no.12:
34-35 Je '59. (MIRA 12:9)
(Dneprodzershinsk--Transportation, Automotive)

KRIVOSHEEV, L. S. The driller. Moskva, Ugletekhnizdat, 1949. 126 p. (50-22701)

TN281.K7

GREBENNIK, Boris Iosifovich; KRIVOSHEYEV, Leonid Stepanovich;
MATTS, T.I., red. izd-va; IVANOVA, A.G., tekhn. red.

[Measures for dust control in underground mining and prospecting] Mery bor'by s rudnoi i porodnoi pyl'iu pri prokhodke podzemnykh geologorazvedochnykh vyrabotok. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 109 p. (MIRA 16:2)
(Mine dusts)

NEWSLETTER - M.I.

USSR/Electronics - Television

Card : 1/1

Authors : Krivoshev, M. I., Eng.

Title : Development of television in the USSR

Periodical : Vest. Svyaz, 5, 6 - 8, May 1954

Abstract : The author states that during the last five-year plan, television became more popular and was improved in the USSR. A new, large television center in Kiev has been put into operation. Television centers are under construction in the following cities: Minsk, Riga, Sverdlovsk, Baku, Tashkent. Construction of television centers is planned at the following cities and towns: Talin (Revel), Gorkiy, Kuibyshev, and a few others.

Institution :

Submitted :

KRIVOSHEYEV, M.I., inzhener

Measuring distortion of a television screen. Vest.sviazi 15 no.9:
5-8 S'55. (MIRA 8:12)

(Television)

KRIVONOSYEV, M. I., Engineer, and VINOGRADOV, V. I.,

"Radio broadcasting" a chapter in the book Radio and Electronics and Their
Technical Applications, by A. I. Berg, et al. Moscow 1956.

Summary of chapter 1071291

~~KRIVOSHEVY, Mark Ionifovich; YARBANSKIY, A.M., otvetstvennyy redaktor;~~
BOHONOVA, A.I., redaktor; SUSHKEVICH, V.I., tekhnicheskiy redaktor

[Measurements used in television] Izmereniya v televisionnom
oborudovanii. Moskva, Gos. izd-vo lit-ry po voprosam svyazi i
radio, 1956. 66 p. (MLRA 10:4)
(Television) (Electronic measurements)

KRIVOSHEYEV, M. I.

Subject : USSR/Radio AID P - 4347

Card 1/1 Pub. 89 - 7/15

Authors : Krivosheyev, M. I., Chief, Television Department, Main Radio Administration, Ministry of Communications, USSR and V. N. Vinogradov, Senior Eng., Television Department.

Title : Developing the television network of the USSR

Periodical : Radio, 2, 32-33, F 1956

Abstract : The article reviews the first 5 years of television in the USSR and enumerates networks already in operation. The majority of these stations are equipped with standardized equipment and transmit pictures at a 5 kw and sound at a 2.5 kw capacity, although stations operating at a 15 kw and 7.5 kw capacity have already been established. Data on equipment, particularly tubes, are given. A good explanation of the networks' operations is presented.

Institution : None

Submitted : No date

~~ROGINSKIY~~
KRIVOSHEYEV, M. I.
AUTHOR: Roginskiy, V.

107-5-34/54

4 TITLE: A Conference on Television (Konferentsiya po televideniyu)

PERIODICAL: Radio, 1956, Nr5, pp. 42-43 (USSR)

ABSTRACT: The second scientific and engineering Conference on television took place in Leningrad recently. Over 350 people took part in the Conference, among them "scientists and specialists" from Moscow, Leningrad, Kiyev, Gor'kiy, Kharkov, Odessa, Riga, Tallin, L'vov, Omsk and other cities. Exchange of experience in operation of tv broadcast stations was the main topic.

Reports on the prospects of tv broadcasts, the quality of reproduction, the transmitting tv tubes, ^{the} operating experience of tv stations, the exchange of tv programs and long-distance tv, and applications of tv in national economy were delivered.
the

In the engineer M.I. Krivosheyev's report "The Prospects of TV Broadcasting in the USSR" the directives of the 20th Party Congress were cited. In the 6th Five-Year Plan the number of tv broadcast stations is to be brought to 75 as compared to the existing 12. The tv stations are being built in Stalino, Viñus, Tbilisi, Yerevan, Stalinabad and other cities. Particularly large tv centers are planned for Moscow and Leningrad with 80/40 kw in antenna, the tower height up to 300 m, and the number of studios 11.

Card 1/4

A Conference on Television

107-5-34/54

Engineer Ya. I. Efrussi delivered a report on "The Ways to Improve the Quality of Black-and-White Television". He noted the distortions inserted by the vestigial sideband system of tv transmission; also by various defects in the scanning systems. 15 to 20% of nonlinearity in scanning is usually tolerated; but this is inadmissible from the standpoint of quality of the picture. Decisions taken on this report call for working out of standards on linear and nonlinear tv distortions from various causes.

Engineer A.I. Shchipkov delivered the report "Brilliance Fidelity in the Black-and-White Television". He noted that in case of artistic tv broadcasts a correct relation between the brilliances of the spot-light objects and the background must be preserved rather than absolute values of the brilliances. For a correct reproduction of brilliance contrasts all nonlinearities of the individual elements of a tv system should be adequately compensated.

Engineers A.B. Alekseyeva and Ye.M. Ponomareva delivered reports on tv transmission tubes $\Lambda\Lambda$ -7 and $\Lambda\Lambda$ -17 giving their basic data, operative peculiarities and methods of improvements. These types are mostly used in Soviet tv transmitting equipment. Their service life characteristics are too diversified, they often have black spots on the screen and other defects. The conference decided to ask MIPT to develop better tubes operating at 300-lux illumination.

Card 2/4