

ZAKHAROV, N.G.; ROZENFEL'D, L.M.

The structure of ice in soil when winter crops are sown on
stubble or on fallow. Spor.trud.pis agron.fiz. no.6:243-246
'53.

(MIRA 11:7)

(Frozen ground)

ZAKHAROV, N.G.; REBUT, I.B.; LHONT'YEV, V.L.; DOBROVSKIY, V.P.; DOTSENKO,
L.S.; GONCHAROV, B.P., redaktor; CHUNAYEVA, Z.V., tekhnicheskii
redaktor

[New method of stabilizing movable sands] Novyi sposob zakrepleniya
podvizhnykh peskov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954.
142 p. (MLRA 7:10)

(Sand) (Soil stabilization) (Soil binding)

15-57-3-3747

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 182 (USSR)

AUTHORS: Zakharov, N. G., Revut, I. B.

TITLE: The Use of Bitumen Emulsions as Protection Against
Seepage in Irrigation Ditches in Sandy Soils (Prime-
neniye bitumnoy emul'sii dlya bor'by s fil'tratsiyey
v orositel'nykh kanalakh na peskakh)

PERIODICAL: Tr. aralo-kasp. kompleksnoy ekspeditsii AN SSSR, 1954,
Nr 3, pp 117-135

ABSTRACT: Bibliographic entry

Card 1/1

ZAKHAROV, N.G., kandidat sel'skokhozyaystvennykh nauk; SHLIMOVICH, B.M.,
inzhener.

New electric soil thermometer. Zemledelie 4 no.5:128 My '56.
(MLRA 9:8)

(Soil temperature) (Thermometers)

ZAKHAROV, N.G.; KURTENER, D.A.

Heating system for spring and summer greenhouses. Biol.
tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. 1 tekh.
inform. 17 no.3:64-65 '64. (MIRA 17:9)

ZAKHAROV, N.G.; KURTEVA, D.S.

Possibilities of finding ...
sel'khoz. nauk no. 511-513

1. Agrofizicheskoye nauchno-issledovatel'skiy institut.

ZAKHAROV, N. I.

Only one boss in the city. Zhil.-kom. khoz. 11 no.12:5 D '61.
(MIRA 16:11)

1. Pervyi sekretar' Oktyabr'skogo gorodskogo komiteta Kommunisti-
cheskoy partii Sovetskogo Soyuza.

ZAKHAROV, N.I.

Successful operation of invaginating the ureter into the
pelvis. Urologia 28 no.5:53-54 8-0'63 (MIRA 17:4)

1. Iz kafedry fakul'tetskoy khirurgicheskoy kliniki (zav. - prof.
V.F. Glivenko) Krasnoyarskogo meditsinskogo instituta.

Q

COUNTRY : USSR
CATEGORY : Farm Animals. Swine
ABS. JOUR. : RZBiol., No. 13, 1958, No. 59561

AUTHOR : Zakharov, N. I.
INST. : Molotov Agricultural Institute
TITLE : Inter-Breed Crossing of Swine

ORIG. PUB. : Tr. Molotovsk. s.-kh. in-t, 1957, 15, 273-279

ABSTRACT : On the "Selyanka" branch farm of Molotovskaya Oblast, new hybrid swine were developed by complex reproductive crossing of the local Black Spotted, Large White and Breytovskaya breeds and by a closely related mating. The hybrids were characterized by a tall height (live weight of sows at the age of two years and over was 180-290 kg.), high fertility (12 pigs in a litter, each weighing

CARD: 1/2

Q - 51

ZAKHAROV, N. I.

33307. ZAKHAROV, N. I. i BABIN, S. I. Stareyshiy sovkhov respubliki.
(Sovkhov Im. Frunze. Tiraspol. Rayon). Vinodeliy I Vonogradarstvo Moldavi,
1949, No. 5, C. 29-32

80: Letopis' Zhurnal'nykh Statey Vol. 45, Moskva, 1949

MARAKHOVSKIY, M.G.; ZAKHAROV, N.I.; PEKARSKAYA, G.D.

Utilization of wastes of single-ply shoe leather substitutes. Leg.
prom. 16 no.9:28-30 S '56. (MLA 9:11)
(Leather substitutes) (Waste products)

ZAKHAROV, N.I., kandidat meditsinskikh nauk

Restorative operations in urethral stenosis. Urologiya 21 no.2:50-53
Ap-Je '56. (MLRA 9:12)

1. Iz kafedry gosital'noy khirurgii (zav. - prof. A.M.Dykhno)
Krasnoyarskogo meditsinskogo instituta (dir. - dots. P.G.Podzolkov)
(URETHRA, stenosis,
surg. (Rus))

ZAKHAROV, N.I., kand.med.nauk

Method for the plastic restoration of the urinary canal in complicated
cases. Urologia 22 no.6:44-46 N-D '57. (MIRA 11:2)

1. Iz kafedry gosptal'noy khirurgii (zav. - prof. A.M.Dykhno
[deceased]) Krasnoyarskogo meditsinskogo instituta.
(URETHRA, stenosis
surg., restoration)

1. ZAKHAROV, N. I.
2. USSR (600)
4. Molotov Province - Impregnation, Artificial
7. Artificial insemination of cows on Molotov Province collective farms. Sots zhiv. No 1 1953.

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

SKAVINSKIY, Yu.V.; ZAKHAROV, N.I.; BYCHKOVA, A.I.; KUZNETSOV, V.G.

Toxoplasmosis in the Far North. Toxoplasmosis in Taymyr
National Area of Krasnoyarsk Territory. Trudy TSIU 80-30-32
'65. (MIRA 18:11)

ZAKHAROV, N.I.

Case of implantation of three ureters into the intestine. Urologia
no.1:74-75 Ja-Mr '55. (MLRA 8:10)

1. Iz kafedry gosptial'noy khirurgii (zav.prof. A.M.Dykhno)
Krasnoyarskogo meditsinskogo instituta.

(FISTULA, VESICOVAGINAL, surgery,
implant of three ureters into intestine)

(ABNORMALITIES,

supermerary ureter, implant of three ureters into
intestine in surg. of vesicovaginal fistula)

(URETERS, abnormalities,

supermerary ureter, implant into intestine of 3
ureters in vesicovaginal fistula)

of the engine. A technique is given for defining coefficients in dynamic

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ABRAM P.Ya.; ALEKSANDROVA, G.I.; VOL'SKIY, V.S.; GORDON, Kh.I.;
KLIMOVICH, A.I.; LIFSHITS, V.A.; FEDOTOV, F.G. [deceased];
AVKSENT'YEV, P.A. [retsenzent]; ZAKHAROV, H.H. [retsenzent];
KOCHANOV, M.I. [retsenzent]; LEKSASHOV, P.P. [retsenzent];
NOVIKOV, V.F. [retsenzent]; SOKOLOV, M.V. [retsenzent];
SHESTOPAL, V.M. [retsenzent]; YAKOBSON, M.O. [retsenzent];
GAL'TSOV, A.D., red.; STRUZHESTRAKH, Ye.I., red.; KHISIN, R.I.,
red.; SEMENOVA, M.M., red. izd-va; POCHTAREVA, A.V., red. izd-
va; TIKHANOV, A.Ya., tekhn. red.; MODEL', B.I., tekhn. red.

[Handbook for the establishment of norms in the machinery
industry in 4 volumes] Spravochnik normirovshchika-mashinostroi-
teliia v 4 tomakh. Moskva, Mashgiz, Vol. 4. [Engineering norms
in auxiliary shops] Tekhnicheskoe normirovanie vo vsporogatel'-
nykh tsekhakh. 1962. 478 p. (MIRA 16:2)
(Machinery industry--Production standards)

12

CA

Quality of market milk in Leningrad. N. N. Zakharov and L. N. Eizer. *Gigiena i Sanit.* 1949, No. 9, 51-2. In 1948 the av. butterfat value was 3.8%, and very few cases of min. values of 3.4% were reported. Considerable improvement over 1929 conditions is reported and no instances of diln. with water, etc., are being reported, in contrast with the earlier period. The defatted dry residue of milk rises in parallel with increased fat content; hence, producers are urged to turn out milk with higher fat content. G. M. Kuznetsov

ZAKHAROV, N.N.; EYNER, L.N.

Bacterial flora of market milk. Gig. sanit., Moskva no. 2:48-49
Feb 1953. (CML 24:2)

1. Of the Sanitary Epidemiological Station, Petrogradskiy Rayon,
Leningrad.

GAL'TSOV, A.D.; DENISYUK, I.N.; LEVANDOVSKIY, S.N.; LOSEV, A.G.; PEZIK, M.O.; PETROCHENKO, P.F.; SAVOS'KIN, N.M.; TRUBITSKIY, G.R.; KHISIN, R.I.; KHEROMILIN, V.A.; ALEKSEYEV, S.S., retsenzent; GAL'PERIN, L.I., retsenzent; GRANOVSKIY, Ye.M., retsenzent; ZAKHAROV, N.N., retsenzent; KVASHNIN, S.A., retsenzent; KEREKESH, V.V., retsenzent; KOTENKO, I.N., retsenzent; LIVSHITS, I.M., retsenzent; LERNER, G.V., retsenzent; NEVSKIY, B.A., retsenzent; NOVIKOV, V.F., retsenzent; RAZAMAT, E.S., retsenzent; SERGEYEV, A.V., retsenzent; STEFANOV, V.P., retsenzent; TOLCHENOV, T.V., retsenzent; FEDOTOV, F.G., retsenzent; VOL'SKIY, V.S., red.; STRUZHESHTRAKH, Ye.I., red.; USPENSKIY, Ya.K., red.; SEMENOVA, M.M., red.izd-va; MODEL', B.I., tekhn.red.

[Handbook for work-norm experts in machine manufacture] Spravochnik normirovshchika-mashinostroitelia v 4 tomakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. [Fundamentals of technical normalization] Osnovy tekhnicheskogo normirovaniia. 1959. 676 p. (MIRA 12:12)

(Standardization)

ZAKHAROV, N.N.; LAZMAN, E.I.; TAMARINA, Ye.S.; MELKOVA, L.M.

Degree of bacterial contamination of air in food preparation departments of public eating places. Gig.i san. no.1:34-38 Ja '54. (MIRA 6:12)

1. Iz sanitarno-epidemiologicheskoy stantsii Petrogradskogo rayona Leningrada.
(Restaurants, lunch rooms, etc.--Sanitation) (Air--Bacteriology)

ZAKHAROV, N.N.; LAKHMAN, E.I.

Discussion on A.A.Lebedev and M.I.Shreiber's article "Organization of work at a sanitary-epidemiological station." Gig. i san., no.8: 52-55 Ag '54. (MLRA 7:9)

1. Iz Petrogradskoy rayonnoy sanitarno-epidemiologicheskoy stantsii Leningrada.

(PUBLIC HEALTH,
in Russia, sanit. & epidmiol. stations)

V. N. N.
USSR/Medicine - nutrition

FD-3066

Card 1/1 Pub. 141 - 12/23

Author : Zakharov, N. N.; Shumilina, K. Ya.; Topchevskaya, A. M.

Title : ~~The vitamin C content in certain preserves and natural fruit-berry~~
 Juices

Periodical : Vop. pit., ^{44 No. 13} 44-45, May/Jun 1955

Abstract : Points out that the vitamin C content in certain canned vegetables
 decreases on storage while in others it remains constant. Canneries
 should therefore make use of any technological factors which inhibit
 loss of vitamin C. No references.

Institution : Sanitary-Hygiene Laboratory, Sanitary-Epidemiological Station, Petro-
 gradskiy Rayon, Leningrad

ZAKHAROV, N. N.
USSR/Medicine - nutrition

FD-3069

Card 1/1 Pub. 141 - 15/23

Author : Zakharov, N. N. and Topchevskaya, A. M.

Title : Nutritive value of walnuts

Periodical : Vop. pit. ^{14, No. 3,} 46-46, May/Jun 1955

Abstract : Determined the vitamin C content of ripe walnuts as found on the market. Previously it has been determined only in green walnuts and found to be very high. Analysis of 27 samples indicates that the vitamin C content diminishes with storage time, dropping to as low as 14.8 mg% after only 3-4 months as compared with 85 mg% after picking. This decrease in vitamin C is apparently due to the treatment the walnuts receive in preparing them for marketing, and therefore methods for preventing this loss should be found. No references.

Institution : Sanitary-Hygiene Laboratory, Sanitary-Epidemiological Station, Petrogradskiy Rayon, Leningrad

Submitted :

ZAKHAROV, N.N.; LAKHMAN, Ye.I.

Organization of nutrition for participants in the first All-Union sports tournament for school children. Vop.pit. 15 no.4:23-27
Jl-Ag '56. (MLRA 9:9)

1. Iz sanitarno-epidemiologicheskoy stantsii Petrogradskogo rayona, Leningrad.

(DIETS

calory content comparison in two cafeterias for participants of spartakiade in Russia)

ZAKHAROV, N.H.; SHUMILINA, K.Ya. (Leningrad)

Studying optimal vitamin requirement of the organism. *Vop, pit.* 16
no.6:74 K-D '57. (MIRA 11:3)
(VITAMINS, metabolism,
requirement (Rus))

ZAKHAROV, N.N., inzh.; IBRAGIMOV, V.I., inzh.

Designing gear pumps with a hydraulic compensation of the end
clearance. Vest. mashinostr. 44 no.5:32-35 My '64.
(MIRA 1786)

ZAKHAROV, N.N., prof.; RAZUMOV, I.M., doktor ekon.nauk, prof., red.;
BOYTSOV, V.V., doktor tekhn. nauk, prof., red.; VLASOV, B.V.,
doktor tekhn.nauk, prof., red.; VOSKRESENSKIY, B.V., inzh.,
red.; KUZ'MIN, V.V., inzh., red.; LETENKO, V.A., kand. ekon.
nauk, dots., red.; SOKOLITSYN, S.A., kand. tekhn. nauk, red.;
SHUKHGAL'TER, L.Ya., kand. tekhn. nauk, dots., red.;
SEMENOVA, M.M., red.izd-va; SALAZKOV, N.P., tekhn. red.;
EL'KIND, V.D., tekhn. red.

[Establishment of technical norms and the organization of
labor and wages in machinery manufacturing] Tekhnicheskoe
noimirovanie, organizatsiia truda i zarabotnoi platy v ma-
shinostroenii. Moskva, Izd-vo "Mashinostroenie," 1964. 338 p.
(MIRA 16:7)

ZAKHAROV, N.N.. Primala uchastiye SILANT'YEVA, N.A.; DESYATKOV, M.I.,
inzh., retsenzent; STRUZHESTRAKH, Ye.I., inzh., red.;
SEMENOVA, M.M., red.izd-va; UVAROVA, A.F., tekhn. red.

[Problems in the establishment of technical labor norms for
the machinery industry]Zadachnik po tekhnicheskomu normirova-
niiu truda v mashinostroenii; metodicheskie razrabotki i re-
sheniia zadach. Moskva, Mashgiz, 1962. 398 p. (MIRA 16:2)
(Machinery industry--Production standards)

ZAKHAROV, M.H.

Conducting restoration and repair work in the Kremlin. Gor.
khoz.Mosk. 34 no.2:25-28 F '60. (MIRA 13:6)

1. Zamestitel' direktora Gosudarstvennoy Orusheyroy palaty.
(Moscow--Kremlin)
(Architecture--Conservation and restoration)

ZAKHAROV, N.N.; VASIL'YEV, T.I.; KVASHNIN, N.N.

The LFY paper filter for fine fuel cleaning. Avt.prom. no.1:
43-44 Ja '60. (MIRA 13:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo
instituta.

(Filters and filtration)

ZAKHAROV, N. N. AND G. I. OBRAZTSOV

Tekhnicheskoe normirovanie v mashinostroenii. Top. v kachestve uchetr.
posobiia dlia inzhen. -ekon. in-tov. Moskva, Mashgiz, 1949. 460 p. illus.

Technical normalization in machine-building.

ELC: T58.Z2

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library
of Congress, 1953.

ZAKHAROV, N. N. and R. A. NOSKIN.

Organizatsia remonta metallorochushchikh stankov (na primere stanka DIP-200)
Moskva, Mashiz, 1960, 209 p. diagra.

Organization of repair work on metal-cutting machines. (DIP - 200 machine
cited as example.)

DIC: TJ1230.732

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

ZAKHAROV, N.N.; OBRAZTSOV, Georgiy Ivanovich.

[Technical standardization of work processes in machinery construction] Tekhnicheskoe normirovanie protsessov truda v mashinostroenii. Iss. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 599 p. (MLRA 6:12)
(Efficiency, Industrial) (Machinery industry)

ZAKHAROV, N.N.

PHASE I BOOK EXPLOITATION

471

Zakharov, N.N., Kheyster, I.M., Lapitskiy, V. I., Murav'yev, M.S.,
Deachenko, M.N., Vecherin, Ya. P., Sventitskiy, M.A.

Organizatsiya, planirovaniye i ekonomika vspomogatel'nykh khozyaystv
mashinostroitel'nogo zavoda (Organization, Planning, and
Economics of Auxiliary Services in the Machine Building Plant)
Moscow, Mashgiz, 1957. 328 p. 15,000 copies printed.

Ed. (title page): Satel', E.A.; Ed. (inside book): Sirotin, M.A.,
Engineer; Reviewers: Borisov, G.S., Engineer (Part 1);
Trekhov, M.I., Engineer (Part 2); Berman, M.M., Engineer (Part
3); Malyutin, N.K., Economist (Part 4); Shebalin,
V.M., Engineer; Tech. Ed.: Model', B.I.; Managing Ed. for
Literature on Economics and Organization of Machine Building:
Saksaganskiy, T.D.

PURPOSE: This book is a textbook for undergraduates taking the
"Organization and Planning of Machine-Building Industry" course
in engineering economics institutes, as well as by engineering
personnel of machine-building plants.

Card 1/14

Organization, Planning, and Economics (Cont.)

471

COVERAGE: This book is one in a series of textbooks prepared by the "Economics and Organization of the Machine-building Department" of the Moscow Institute of Engineering Economics, imeni S. Ordzhonikidze. Part I (Maintenance) is written by N.N. Zakharov, candidate of technical sciences, docent; Part II (Power), by I.M. Kheyster, candidate of technical sciences, docent; Part III (Equipment), by M.S. Murav'yev, candidate of technical sciences, docent; Part IV (Supply) by M.N. Demchenko, candidate of technical sciences, docent; Part V (Transportation) by M.N. Demchenko, Ya. P. Vecherin, and M.A. Sventitskiy. The following aspects are discussed: organization, planning, economics of maintenance, power, equipment, transportation, warehouses, and the question of supply operations in a machine-building plant.

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AVAILABLE: Library of Congress
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GO/ksy
9-9-58

ZAKHAROV, Nikolay Nikolayevich; EPSHTEYN, D.I., dotsent, retsenzent;
GAL'TSOV, A.D., inzh.; METT, G.Ya., dotsent, red.; SEMENOVA, M.N.,
red.isd-va; UVAROVA, A.F., tekhn.red.

[Setting labor standards in the machinery industry] Tekhnicheskoe
normirovanie truda v mashinostroenii. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1958. 560 p. (MIRA 12:2)
(Machinery industry--Production standards)

SOV/177

PHASE I BOOK EXPLOITATION

25(5)

Zakharov, Nikolay Nikolayevich

Tekhnicheskoye normirovaniye truda v mashinostroyeni (Establishment of Technical Time Standards in Machine Manufacturing) Moscow, Mashgiz, 1958. 560 p. 10,000 copies printed.

Reviewer: A.D. Gal'tsov, Engineer; Ed.: G.Ya. Mett; Ed. of Publishing House: M.M. Semenova; Tech. Ed.: A.F. Uvarova; Managing Ed. for Literature on the Economics and Organization of Production (Mashgiz): T.D. Saksaganskiy.

PURPOSE: This textbook is intended for students of industrial engineering vuzes and departments taking a course in "Technical Time Standards". This book may also be used as a manual by engineering specialists, standard setters, and other workers of machinery manufacturing plants to develop skills.

COVERAGE: The book describes methodology for setting technical time standards in machinery manufacturing establishments. Basic data

Card 1/13

Objectives and

scope of technical time standards in the USSR	5
Establishment of technical time standards of the course	5
Ch. II. APPROVED FOR RELEASE 03/15/2001 matter of the course	
Standards and Importance of Technically-based Time	10
Standards in Production Processes	16
4. Progressive features of technically-based time standards	16

Card 2/13

ZAKHAROV, N.N.

Special features of work organization in mechanized and automated
production. Nauch.trudy MIEI no.18:197-205 '61. (MIRA 15:2)
(Machinery industry) (Automation)

ZAKHAROV, N.N.; ALEKSANDROVA, Ye.Ya.

Vitamin C content in Japanese persimmon. Vop.pit. 17 no.6:63-64
N-D '58. (MIRA 12:2)

1. Iz sanitarno-epidemiologicheskoy stantsii Petrogradskogo rayona
g. Leningrada.

(FRUITS,

Japanese persimmon, vitamin C content (Rus))

(VITAMIN C, determ.

in Japanese persimmon (Rus))

YERMILEV, A.A., inzh.; SEULIN, N.A., inzh.; CHIZHISHIN, P.L., inzh.; CHEPELE, Yu.M.,
inzh.; MUSATOV, T.P., inzh.; FEDOROV, A.A., kand. tekhn. nauk;
YAROSHETSKIY, L.M., inzh.; GOL'DENBLAT, H.I., inzh.; KUDRYASHOV, S.A.,
inzh.; ZAKHAROV, N.N., inzh.; SHCHUKIN, H.D., inzh.

Improving planning of industrial power supply. From. energ. 13 no. 7:
18-29 JI '58. (MIRA 11:10)

1. Tyazhpromelektroproyekt. (for Yermilev). 2. Zhamproyektas, g. Kaunas
(for Chepele). Denbassenerge (for Musatov). 4. Moskovskiy energeticheskiy
institut (for Fedorov). 5. Uzgipovedkhoz, g. Tashkent (for Yaroshetskiy).
6. Proyektnyy institut Ministerstva stroitel'stvu USSR, Odessa (for
Gol'denblat). 7. Elektroproyekt, g. Kuybyshev (for Kudryashov).
8. Gosradioelektronika (for Zakharov). 9. Bldreproyekt, g. Kuybyshev (for
Shchukin).

(Electric power)

ZAKHAROV, N. P.

AID. P - 5118

Subject : USSR/Aeronautics - training

Card 1/1 Pub. 135 - 3/26

Author : Zakharov, N. P., mil. pilot class I.

Title : Peculiarities of high-speed attacks in stratosphere

Periodical : Vest. vozd. flota, 10, 15-18, 10 1956

Abstract : The peculiarities of flying jet planes at subsonic and supersonic speeds at high altitudes and of maneuvering at such speeds during air battles are described in detail by the author. One photo. The article merits attention.

Institution : None

Submitted : No date

ZAKHAROV, N.P., inzh.-podpolkovnik, letchik pervogo klassa;
~~ZAKHARENCHIK, V.S., inzh.-podpolkovnik~~

Flying in a slip stream. Vest.Vozd.Fl. no.6161-66
Je '60. (MIRA 13:7)
(Airplanes--Piloting)

ZAKHAROV, N. P.

1. ZALKIN, yo. M.; ZAKHAROV, H. E. ; LIVSHITS, Ye. M.
2. USSR (600)
4. Steam Boilers
7. Lining ceilings of boiler units with fire resistant concrete. Elek. sta., 23, No. 10, 1952

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

1. ZAKHAROV, N. S.

2. USSR 600

4. Reclamation of Land

7. "and reclamation is an important factor in the productive use of the machine-tractor stations' machinery technology on collective farms of the non-chernozem belt, Gidr. 1 mel, 4, No. 12, 1952.

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

L 33425-66 EMT(m)/EMP(t)/FTI ID SOURCE CODE: UR/0081/65/000/020/G024/G024
ACC NR: AR6012428

AUTHOR: Zaichko, L. F.; Zakharov, N. S. Mordvinova, V. D.

TITLE: Determination of antimony microconcentrations in high-purity tin by the method of amalgam polarography with accumulation

SOURCE: Ref. zh. Khimiya, Abs. 20G152

REF SOURCE: Izv. Tomskogo politekhn. in-ta, v. 128, 1964, 50-52

TOPIC TAGS: antimony, tin, ~~tin~~, electrolysis, polarography, amalgam, trace analysis, *HIGH PURITY METAL*

ABSTRACT: A method is described for determining Sb traces in high-purity tin, based on preliminary separation of Sn in the form of SnBr_4 and subsequent determination of Sb by the method of amalgam polarography with accumulation against the background of 5N H_2SO_4 + 50% ethanol. The anode peak of the Sb was observed at -0.1 v. Bi, Cu, and Sn do not interfere with determining the Sb. A 4-ml concentration of HBr + 1 ml Br_2 is used in dissolving 0.5g of Sb. The solution is evaporated to dryness in a chamber at 170C, then 1 ml 6N HCl is added to the residue, and Sb (5+) is reduced to Sb (3+) with sodium hypophosphite (30-40 mg) at 60-70C. The solution is evaporated 2-3 times after adding water,

Card 1/2

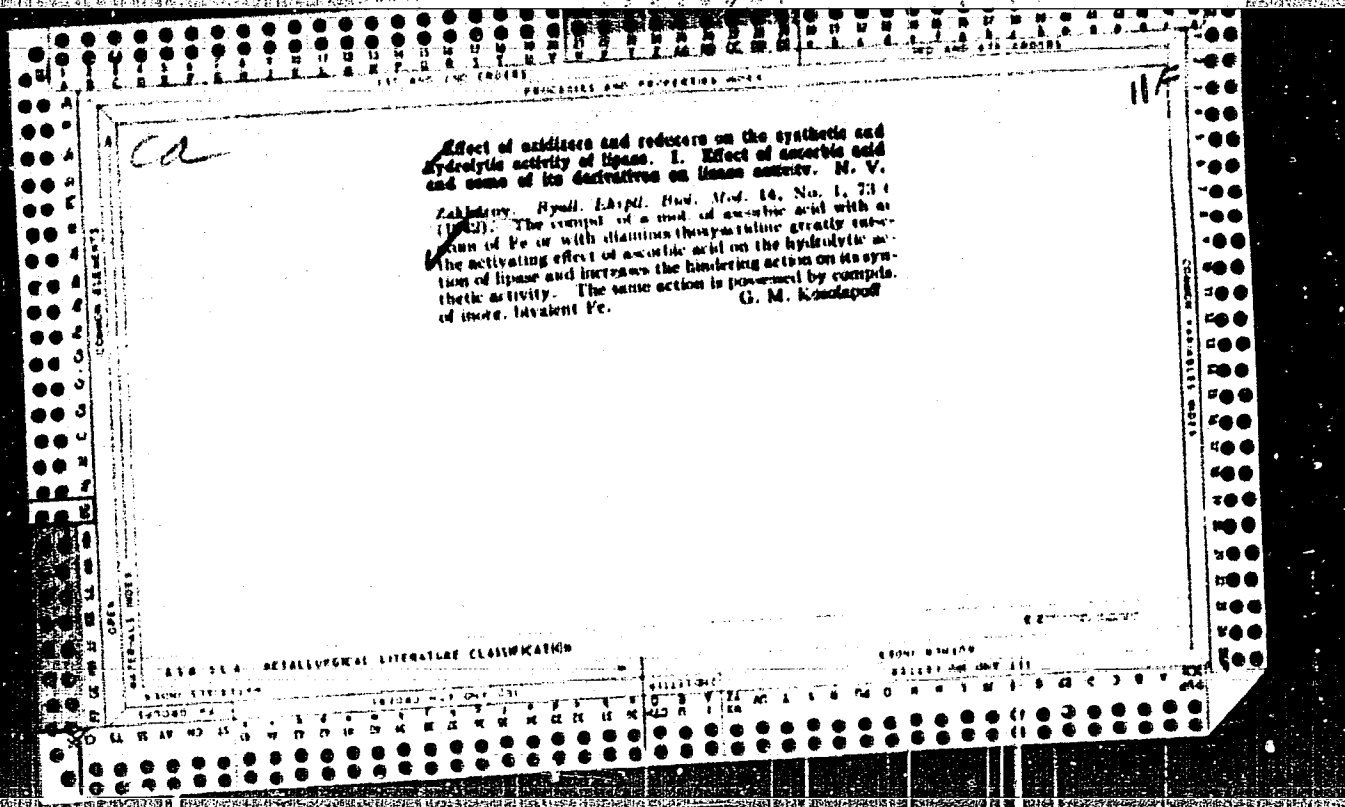
L 33425-66

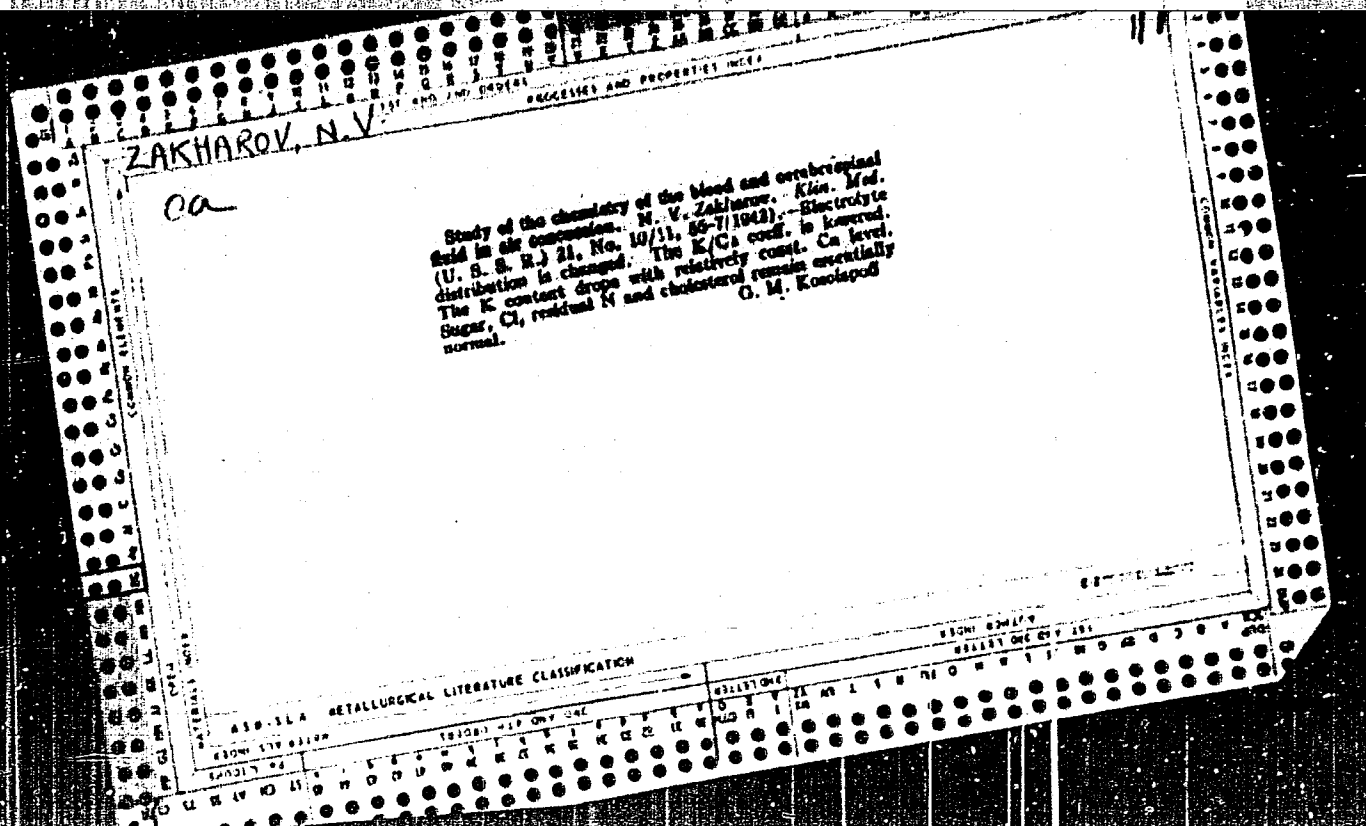
ACC NR:AR6012428

then the electrolyte 5N H₂SO₄ + 50% ethanol is added to the residue,
and the electrolysis is carried out at -0.5 v for 15 min after which the
amalgam dissolution curve is registered. G. Frokhorova.
[Translation of abstract]. [NT]

SUB CODE: 11/ SUBM DATE: 00

Card 2/2 ULR





ZAKHAROV, N. V.

23649.

OB AMPUTATSIYAKH KONECHNOSTEY. (PO MATERIALAM SARAT. EVAKOGOSPITALEY V PERIOD
BOYEV ZA STALINGRAD). TRUDY SARAT. GOS. MED. IN-TA, T. VIII, 1949, s. 71-76.

SO: LETOPIS' NO. 31, 1949

ZAKHAROV, N. V.

23648.

LEChENIYE RANENIY CHEREPA V PERIOD BOYEV ZA STALINGRAD. (VITORICHNAYA OBRAZOTKA CHEREPNOMOZGOVYKH RAN). TRUD Y SARAT. GOS. MED. IN-ta, T. VIII, 1949, s.77-81.

SO: LETOPIS' NO. 31, 1949

ZAKHAROV, N. V.

"In Memory of Sergey Romanovich Mirotvortsev," *Khirurgiya*, No. 10, 1949.

Prof.

ZAKHAROV, N.V., prof.; SIAVKINA, G.M., kand. med. nauk:

Retrograde bouginage as a method for treating cicatricial stenosis
in children. Khirurgiia 32 no.10:23-26 0 '56 (MIRA 12:7)

1. Iz kliniki detskoy khirurgii (zav. - prof. N. V. Zakharov)
Saratovskogo meditsinskogo instituta.
(ESOPHAGUS, stenosis in child.,
cicatricial, ther., retrograde bouginage)

ZAKHAROV, N.V., professor

Basic questions of penicillin therapy of septicemia in children.
Pediatriia 39 no.3:66-69 My-Je '56. (MIRA 9:9)

1. Iz kafedry khirurgii detskogo vozrasta Sarstovskogo gosudarstven-
nogo meditsinskogo instituta (sav. kafedroy - prof. N.V.Zakharov)
(SEPTICEMIA AND BACTEREMIA, ther.
penicillin, in child.)
(PENICILLIN, ther. use
septicemia in child.)

ZAKHAROV, N.V., prof.; SLAVKINA, G.M., kand. med. nauk

Pathology of Meckel's diverticulum in children. Khirurgiia
39 no.4:49-54 Ap'63 (MIRA 17:2)

1. Iz kafedry detskoy khirurgii (zav. - prof. N.V. Zakharov)
Saratovskogo meditsinskogo instituta.

POPOV'YAN, I.M., prof., otv. red. (Saratov); NAPAL'KOV, P.N., zaSl.
deyatel' nauki prof., red.; ZAKHAROV, N.V., prof., red.
[deceased]; BEL'SKIY, A.V., dots., red.; KOSHELEV, V.N.,
dots., red.; GORCHAKOV, L.G., red.; CHERNYSHEV, N.V., red.;
BLINER, M.S., red.; ANDREYEV, P.P., red.

[Transactions of the Second Congress of Surgeons of the
R.S.F.S.R.] Trudy vtorogo s"ezda khirurgov RSFSR. Saratov,
Vser. nauchn. med. ob-vo khirurgov, 1963. 583 p.
(MIRA 17:8)

1. S"yezd khirurgov RSFSR. 2d, Saratov, 1962.

ZAKHAROV, N.V.; ORLYANSKAYA, R.L.

Metabolism of phosphorus compounds and proteins in the brain of rats during excitation and convulsions produced by cordiamine. Vop. med. khim. 6 no.3:249-253 My-Je '60. (MIRA 14:3)

1. Moskovskiy oblastnoy nauchno-issledovatel'skiy klinicheskiy institut imeni M.F.Vladimirovskogo.

(NIKETHAMIDE) (BRAIN) (PHOSPHORUS METABOLISM)
(PROTEIN METABOLISM) (CONVULSIONS)

BLOTSKIY, S.N., inzh.; OSINTSEV, V.V., inzh.; DEMCHENKO, F.N., inzh.;
Prinimali uchastiye: VOLODIN, M.V.; KOGAN, I.M.; ZAKHAROV, N.V.;
BLOTSKIY, A.N.; URRONEN, V.A.

Increase in the efficiency of the Brown-Bowery steam turbine. Prom.
energ. 17 no.3:28-29 Mr '62. (MIRA 15:2)
(Steam turbines)

BAMDAS, A.M., doktor tekhn. nauk; SHAPIRO, S.V., kand. tekhn. nauk;
ZAKHAROV, N.V., inzh.; MAKHIN, Yu.I., inzh.

Two-stage ferromagnetic frequency multipliers. Vest. elektro-
prom. 34 no.7:67-70 J1 '63. (MIRA 16:8)

ACC NR: AR6028423

SOURCE CODE: UR/0196/66/000/005/IO34/IO35

AUTHOR: Zakharov, N. V.

TITLE: Theoretical features of the static ferromagnetic frequency quadrupler

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 5I206

REF SOURCE: Sb. Vses. nauchno-tekhn. konferentsiya po primeneniyu vysokoskorostn. mashin s elektroprivodom povyshen. chastoty toka v nar. kh-vo. Ordzhonikidze, 1965, 112-120

TOPIC TAGS: frequency changer, frequency converter, frequency conversion

ABSTRACT: The optimal parameters of a SPChP-4 static ferromagnetic frequency quadrupler have been determined. Its characteristics -- winding mag. forces and core induction harmonics vs. first induction harmonic, magnetization current, and self-magnetization capacitance -- are calculated on a digital computer by the method of approximate harmonic analysis. Both the output voltage and the maximum power considerably increase when the self-magnetization by double-frequency current is used. Formulas are derived for selecting optimal values of induction, magnetization current, and self-magnetization capacitance. Experimental data and relations are in good agreement with the theoretical. Five figures. Bibliography of 6 titles. S. Shapiro [Translation of abstract]

SUB CODE: 09

Card 1/1

UDC: 621.314.26.001.24

ACC NR: AR6028422

SOURCE CODE: UR/0196/66/000/005/1034/1034 5

AUTHOR: Bamdas, A. M.; Shapiro, S. V.; Yemol'yanov, V. P.; Yevstigneyeva, T. A.; Blinov, I. V.; Davydova, L. N.; Zakharov, N. V.; Makhin, Yu. I.; Roginskaya, L. Z.; Frolov, V. T.

TITLE: Development work on static frequency changers in the Gor'kiy Polytechnic Institute im. A. A. Zhdanov

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 5I205

REF SOURCE: Sb. Vses. nauchno-tokhn. konferentsiya po primeneniyu vysokoskorostn. mashin s elektroprivodom povyshon. chastoty toka v nar. kh-vo. Ordzhonikidze, 1945, 47-51

TOPIC TAGS: frequency changer, frequency converter, frequency conversion

ABSTRACT: The Laboratory has developed static ferromagnetic quadruplers, octuplers, and nonuplers with self-magnetization by flux intermediate harmonics, with single- and 3-phase output; also, a 1.5-ratio frequency changer has been developed. Their principal characteristics, power and weight data are reported. Specifically, the weight of active material varies from 36 to 29 kg/kva for capacities 1--6 kva; efficiency, 70--60%. With an input voltage variation of 90--110%, the quadrupler voltage varies only by ± 5 --6%. The output voltage of a negative-feedback-type octupler varies only by ± 2 % with a load current varying from zero to 150% its

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UDC: 621.314.26

ACC NR: AR6028422

nominal value. The octupler output voltage can be regulated within $\pm 1\%$ by controlling its magnetization current. The efficiency of the 1.5-ratio frequency changer is 60--70%. It is capable of stable operation despite input voltage and load variations within $\pm 5\%$ of their nominal values. Four figures. Bibliography of 4 titles. S. Shapiro [Translation of abstract]

SUB CODE: 09

Card 2/2

ACC NR: AR6020929

SOURCE CODES: UR/0195/66/000/002/1035/1036 2

AUTHOR: Baidin, A. M.; Shapiro, S. V.; Blinov, I. V.; Yemel'yanov, V. P.; Zakharov, N. V.
Makhin, Yu. I.; Roginskaya, L. E.

TITLE: Single-stage static ferromagnetic frequency multipliers with ratios 8 and 9

SOURCE: Ref. zh. Elektrotekhn i energ, Abs. 21205

REF SOURCE: Tr. Ger'tkovsk. politekh. in-ta, v. 10, no. 6, 1965, 5-11

TOPIC TAGS: frequency multiplication, frequency octupler, *ferromagnetic material*

ABSTRACT: Two single-stage static ferromagnetic frequency multipliers with a magnetic bias produced by intermediate-frequency currents are described. The frequency octupler has 8 saturated cores. Its primary windings supplied by a 3-phase system are connected in a zigzag circuit in such a way that the core fluxes form a symmetrical 6-phase system. In addition, the octupler has secondary (output) windings, and also magnetization and self-magnetization windings fed at frequencies 2 and 4 times the supply frequency. The latter windings are connected to capacitors. The 9-ratio multiplier has 9 cores. In addition to the primary, secondary, and self-magnetization windings, this multiplier has a self-magnetization winding operating at a triple-supply frequency. Characteristics of experimental models of 2-kva and 900-wa multipliers, respectively, are presented. The 2-kva octupler has an efficiency of 65%, weight, 80 kg; the 9-ratio multiplier, 70%, 40 kg. Both have a near-sinusoid output voltage wave; they have a fairly hard external characteristic: the no-load to full-load voltage regulation is 20%. Engineering design methods are given. Six figures. Bib. of Card 1/1 9 titles. S.Shapiro SSB CODE: 09 UDC:621.314.263.001.24

L 10000-67 EMP(k)/EMP(d)/EMP(l)/EMP(h)/EMP(l)/EMP(v)
ACC NR: ATG023389 (N) SOURCE CODE: UR/0000/GS/000/000/001/001

AUTHOR: Bandas, A. N. (Gor'kiy); Zakharov, N. V. (Gor'kiy); Makhin, Yu. I. (Gor'kiy);
Shapiro, S. V. (Gor'kiy)

ORG: none

TITLE: Ferrromagnetic frequency converter for automatic regulators

SOURCE: Vsesoyuznaya konferentsiya po avtomaticheskomu kontrolyu i metodam elektricheskikh izmereniy. 5th, Novosibirsk, 1963. Avtomaticheskii kontrol' i metody elektricheskikh izmereniy; trudy konferentsii. t. I: Metody elektricheskikh izmereniy. Tsifrovyye izmeritel'nyye pribory. Elementy izmeritel'nykh sistem (Automatic control and electrical measuring techniques; transactions of the conference. v. 1: Electrical measuring techniques. Digital measuring instruments. Elements of measuring systems). Novosibirsk, Izd-vo Nauka, 1965, 179-182

TOPIC TAGS: frequency converter, frequency doubling, frequency multiplication, power frequency multiplier

ABSTRACT: A novel frequency quadrupler for high power applications is described. This converter is more efficient than existing types because a multiplication process is utilized in which the input frequency is quadrupled directly, as well as through two-stage process with intermediate doubling. The output is the sum of the energies gene-

Card 1/3

I. 10006-67

ACC NR: AT6023389

rated simultaneously by both processes. Figure 1 shows a single phase output converter (A); three phase output converter (C), essentially a combination of three single phase converters shown in (A); and a modification of the 4f output circuit for single phase output. Referring to part A, of figure 1, the unit consists of elements I and II. Each element has two cores, two primary windings ($W_{1(I)}$ and $W_{1(II)}$), which are compensated by three capacitors C_2 , a secondary winding W_2 , a dc bias winding W_d , and a second harmonic excitation winding W_c . The primary is supplied from a three phase line. Capacitor C_1 is used for series compensation of the output. The magnetic fluxes in all four cores have identical waveforms but are displaced with respect to each other by one quarter of the input power period. Hence, the flux fundamental components are displaced by a quarter period, the second harmonics--by a half period, and the fourth harmonics by a whole period. Consequently, in windings W_d and W_2 , the fundamental and second harmonics are cancelled, but the fourth harmonics are added, generating an output of quadrupled frequency. In the winding W_c , the fundamental and fourth harmonics are cancelled but the second harmonics are added. The current in this winding leads the second harmonic input voltage by 90° . As the result, the magnetizing force due to this current contributes to the periodic saturation of the magnetic cores and therefore, increases the 4f output voltage of the converter. Five experimental single phase models (0.5, 1.0, 1.2, 1.6, and 1.9 KVA) and two three phase models (3.0

Card 2/3

ACC NR: AT6023389

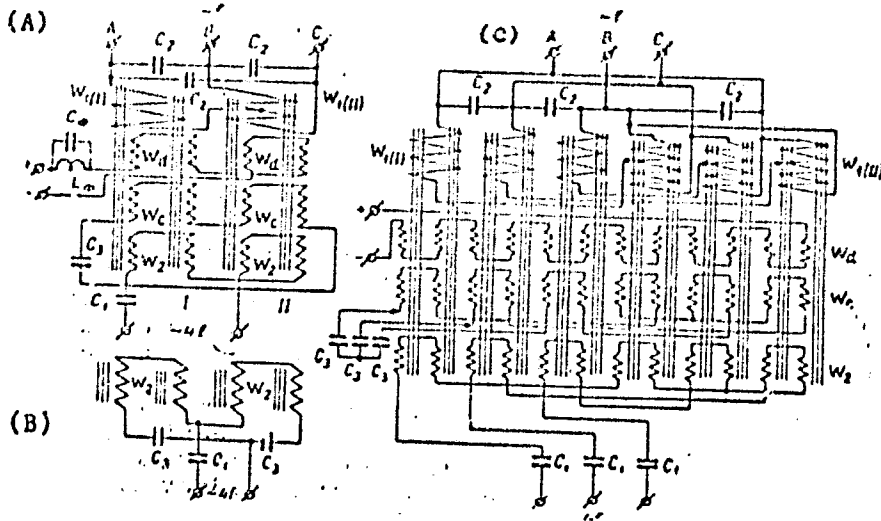


Fig. 1

and 3.6 KVA) were fabricated and tested. The efficiency was 5 to 10% higher than in conventional models and a 30-40% saving in copper and steel was possible. Orig. art. has: 3 figures.

SUB CODE: 09/

SUBM DATE: 20Sep65/

ORIG REF: 003

Card 3/3 FV

KARAKULEV, A.V., kand. tekhn. nauk; ZAKHAROV, N.Ye., inzh., retsenzent;
SPERANSKAYA, O.V., tekhn. red.

[Diesel hammers] Dizel'-moloty. Moskva, Masingiz, 1963. 170 p.
(Hammers) (MIRA 16:10)

ZAKHAROV, Nikolay Fedorovich; MOZGALEVSKAYA, S.A., red.; GERASIMOVA,
Ye.F., tekhn. red.

[Analysis of production and administrative operations of
an industrial enterprise] Analiz proizvodstvenno-khoziai-
stvennoi deiatel'nosti promyshlennykh predpriatii. Mo-
skva, Izd-vo "Ekonomika," 1964. 75 p. (MIRA 17:3)

SOV/137-58-11-22143

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 45 (USSR)

AUTHORS: Sorokin, P. Ya. , Zabaykin, A. V. , Babich, P. P. , Zakharov, O. A.

TITLE: Continuous Measurement of the Temperature of Liquid Steel in the Ladle (Nepreryvnyy zamer temperatury zhidkoy stali v kovshe)

PERIODICAL: Prom-ekon. byul. Sov. nar. kh-va Sverdl. ekon. adm. r-na, 1958, Nr 4, pp 3-6

ABSTRACT: The measurements are made in ladles of 30-45 t capacity by Pt/Ph-Pt thermocouple introduced into the ladle either by a dummy stopper from above or through the nozzle of the spare pouring aperture in the bottom of the ladle. The thermocouple junction is protected by covers made on a Zr-oxide base and are installed at 200-300 mm from the ladle bottom. The experiments conducted showed the temperature of the metal (Me) in the ladle, when under an adequate layer of slag, drops not at a gradient of 2-3°C/min, as had previously been held, but considerably more slowly. The method of continuous measurement of the temperature of the liquid steel makes it possible to determine the length of time during which the Me should be held in the ladle after the heat has been tapped, and this facilitates purification from nonmetallic

Card 1/2

SOV/137-58-11-22143

Continuous Measurement of the Temperature of Liquid Steel in the Ladle

and gas inclusions.

V. G.

Card 2/2

8(4)

SOV/32-24-12-21/45

AUTHORS: Sorokin, P. Ya., Zabaykin, A. V., Babich, I. P., Zakharov, G.A.

TITLE: Continuous Measurement of the Temperature of Molten Steel in the Ladle (Nepreryvnyy zamer temperatury zhidkoy stali v kovshe)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12, pp 1475-1477 (USSR)

ABSTRACT: Immersion thermoelements give better results than optical apparatus in the measurement of the temperature of molten metals. From 1952 to 1954 continuous temperature measurements were carried out in liquid steel still in ladles holding 30-45 tons by the institute mentioned in the Association in collaboration with Ural'skiy vagonostroitel'nyy zavod (Ural Car-Building Plant) and Zavod transportnogo mashinostroyeniya v Chelyabinske (Transport Machine-Building Plant in Chelyabinsk). The thickness of the lining of the ladles used was 200 mm (walls) and 350 mm (floor). In one case the thermoelement was mounted as a pseudo seal (Fig 1), while in another case it was introduced through the outlet (Fig 2). The experimental results obtained (Figs 3-5) indicate the following: the

Card 1/2

SOV/32-24-12-21/45

Continuous Measurement of the Temperature of Molten Steel in the Ladle

temperature of the liquid metal becomes stable at a particular level after 15 minutes (curve of the figure). During the casting process the temperature of the liquid metal increases slowly in the case where a slag layer of 200-250 mm thick is present, or remains constant in the case where the slag layer is thinner. Contrary to wide-spread opinion, the temperature of the metal increases at the end of the casting process, and this finding agrees with the work of Van Gryunvigen and Lauter (Ref 2), Pronov (Ref 3), Grazin (Ref 4), and Hoos and Vil'yans (Ref 5). The temperatures determined using optical pyrometers are always lower than those obtained using thermoelements. The temperatures in the upper metal layers are greater than in the lower layers (Figs 3,4). There are 5 figures and 3 Soviet references.

ASSOCIATION: Institut metallurgii Ural'skogo filiala Akademii nauk SSSR
(Institute of Metallurgy of the Ural Branch, Academy of Sciences, USSR)

Card 2/2

14(10)

SOV/112-59-4-6757

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959. Nr 4, p 51 (USSR)

AUTHOR: Tsytovich, N. A., and Zakharov, O. Z.

TITLE: Determining the Continuous Resistance of Clays to Deformations by Means of a Spherical Punch

PERIODICAL: Tr. Gidroyekta, 1948, Nr 1, pp 65-73

ABSTRACT: Studying the time-variation of adhesive forces in clays by the method of embossing a spherical punch can be done under field conditions. Methods for testing four designs of instruments for the above tests are described: a lever-type single-stem instrument, a single-stem instrument with a direct application of load to the punch stem, a three-stem ball-type instrument for short-time testing, and the same instrument for continuous testing.

Yu. M. S.

Card 1/1

ZAKHAROV, P.

Pilots help the cottongrowers. Grazhd.av. 17 no.1:4-5
Ja '60. (MIRA 13:5)

1. Starshiy inzhener otдела aviatsii spetsial'nogo primeni-
niya Severnogo territorial'nogo upravleniya Grazhdanskogo vozдуш-
nogo flota.

(Aeronautics in agriculture)

ZAKHAROV, P.

Rewards to the best. WFO 2 no.7:42 J1 '60. (MIRA 13:7)

1. Instruktor Tsentral'nogo pravleniya Nauchno-tekhnicheskogo obshchestva zheleznodorozhnogo transporta.
(Technological innovations)

ZAKHAROV, P.

Perpektivnyi plan eksploatatsii rechnykh sistem Sibiri, Iakutii i Dal'nego Vostoka.
/Plan for exploitation of the river systems of Siberia, Yakutia and the Far East./
(Severnaia Azia, 1930, no. 1-2, p. 11-26). DLC: H8.S4 Slav.

S0: Soviet Transportation and Communication, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

ZAKHAROV, P. (Leningrad)

Airplane seeding of forests. Grazh. av. 13 no. 1:30-31 Apr '56.
(Aeronautics in forestry) (MIRA 9:7)

ZAKHAROV, P.

Attack on bushes. Grazhd. av. 22 no. 10:23 0 '65.

(MIRA 18:12)

1. Starshiy inzhener Severnogo upravleniya grazhdarskoy
aviatsii.

ZAKHAROV, P.

Aviation's role in expanding the area under cultivation. Grazhd.
av. 12 no.11:30 N '55. (MIRA 15:9)
(Aeronautics in agriculture)

ZAKHAROV, P. (Leningrad); LOZIKOV, G., aviatekhnik (Dushanbe);
FINOGENOV, N. (Petrozavodsk); FANDIKOV, V., komandir samoleta.
(Urgench); TUKOV, V.

Brief news. Grazhd. av. 20 no.9:25 S '63. (MIRA 16:8)

1. Nachal'nik shtaba Estonskoy otdel'noy aviatsionnoy gruppy
(for Tukov).

(Aeronautics)

ZAKHAROV, P. (Smolensk)

How we reconstruct and improve cities in Smolensk Province. Zhil-
komm. khoz. 9 no.3:12-13 '59. (MIRA 12:5)

1. Zaveduyushchiy oblastnym otdelem kommunal'nogo khozyaystva.
(Smolensk Province--Municipal engineering;)

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Using airplanes in hunting wolves. Grazhd. av. 14 no.3:30 Kr '57.
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AUTHOR: P. Zakharov

SOV/82-58-8-37/59

TITLE: ~~Protecting Forests~~ (Na okhrane lesov)

PERIODICAL: Grazhdanskaya aviatsiya, 1958¹⁵ Nr 8, p 28 (USSR)

ABSTRACT: The article reports on experience of helicopter utilization for fighting forest fires in several forests of the Arkhangel'skaya oblast'. Patrolling of forests is usually carried out by light planes, which if necessary, alert the helicopter base which is always prepared to send out a fire fighting party.

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