

CHERNOGOROV, I. A.

"N. Ye. Vvedenskiy's Theory of Internal Medicine," Terap. Arkhiv., 24, No.2, 1952

CHERNOGOROV, I. A. and GRANOVSKAYA, Sh. G

"Results of Sleep Therapy in Acute Insufficiency of Coronary Circulation,"
Klin. Med., 30, No.1, 1952

CHERNOGOROV, I. A.

Vvedenskii-Ukhtomskii's theories in clinical therapy. Klin.
med., Moskva 30 no.4:49-55 Apr. 1952, (GLML 22:2)

1. Professor. 2. Moscow.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520013-9

~~CHERNOGOROVA-KUSTOMAROVA~~, M.I., professor; CHERNOGOROV, I.A., professor; POPOV,
V.G.; KURSHAKOV, N.A., professor.

Clinico-anatomical parallels in myocardial infarction. Terap.arkh. 25 no.
2:86-87 Mr-Apr '53. (MIRA 6:5)
(Heart--Infarction)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520013-9"

CHERNOGOROV, I.A., professor; TAUBKIN, G.G.; SPEKTOROVA, Z.G.; MYASNIKOV, A.L.,
professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, direktor;
VISHNEVSKIY, A.A., professor, direktor.

Post-traumatic aneurism of the abdominal aorta; on the diagnosis of aneu-
risms and pathogenesis of the hypertension syndrome. Klin.med. 31 no.3:72-
75 Mr '53. (MLRA 6:5)

1. Institut terapii Akademii meditsinskikh nauk SSSR (for Myasnikov).
2. Institut khirurgii imeni A.V. Vishnevskogo Akademii meditsinskikh nauk
SSSR (for A.A. Vishnevskiy). 3. Akademiya meditsinskikh nauk SSSR (for
Myasnikov). (Aortic aneurisms) (Hypertension)

CHERNOGOROV, I. A.

GAL'PERINA, T.S., kandidat meditsinskikh nauk; OLEYNIK, L.Ya.; CHERNOGOROV, I.A.,
professor, zaveduyushchiy.

Diagnostic value of double carbohydrate tolerance test. Klin.med. 31 no.8:
30-37 Ag '53. (MIRA 6:11)

1. Kafedra vntrennikh bolezney Moskovskogo meditsinskogo stomatologicheskogo
instituta. (Pancreas)
(Chair Internal Diseases, Moscow Med. Stomatological Inst.)

CHERNOGOROV, Ivan Alekseyevich, professor; DEKHTYAR', G.Ya, redaktor;
SENCHIKO, K.K. , tekhnicheskiiy redaktor

[Angina pectoris] Grudnaia zhaba. Moskva, Gos. izd-vo med. lit-ry,
1954. 158 p. (MIRA 8:3)

(Angina pectoris)

CHERNOGOROV, I. A.

CHERNOGOROV, I. A.

[Diseases of the heart and blood vessels and their prevention]
Bolezni serdtsa i sosudov i ikh preduprezhdenie. Izd. 3-e ispr.
Moskva, Medgiz, 1955. 26 p. (MIRA 11:2)
(CARDIOVASCULAR SYSTEM--DISEASES)

TSEYTLIN, A.A., professor; CHERNOGOROV, I.A., professor; FRIDBERG, S.N.

Roentgenotherapy of infectious polyarthritis by irradiation of the
adrenals. Terap.arkh. 27 no.1:17-21 '55. (MLRA 8:7)

1. Iz terapeuticheskoy kliniki (zav. prof. I.A.Chernogorov) Mo-
kovskogo meditsinskogo stomatologicheskogo instituta i rentgenov-
skogo otdeleniya (zav. zasluzhennyy deyatel' nauki prof. A.A.
Tseytlin) Bol'nitsy imeni A.A.Ostroumova.

(ARTHRITIS, RHEUMATOID, therapy,

x-ray irradiation of adrenals)

(RADIOTHERAPY, in various diseases,

rheum. arthritis, irradiation of adrenals)

(ADRENAL GLANDS, effect of radiations on,

x-ray, in ther. of rheum. arthritis)

CHERNOGOROV, Ivan Alekseyevich, professor; GORSHKOV, S.I., redaktor;
SENCHILO, K.K., tekhnicheskii redaktor

[The Vvedenskii-Ukhtomskii's doctrine in the clinical treatment of
internal diseases] Uchenie Vvedenskogo-Ukhtomskogo v klinike
vnutrennikh boleznei. Moskva, Gos. izd-vo med. lit-ry, 1956. 95 p.
(PHYSIOLOGY) (MLRA 9:10)

USSR/Human and Animal Physiology - Circulation.

V-4

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18151

Author : I.A. Chernogorov

Inst :

Title : A Consideration of A.M. Sigai's Article. "The Third (Coronary) Circulatory System and Its Significance in Cardiology".

Orig Pub : Terapevt. arkhiv, 1956, 28, No 5, 72-75

Abstract : No abstract.

Card 1/1

~~CHERNOGOROV~~ I.A., prof.

Answer to Prof. M.E.Mandel'shtem concerning his review of the book
by Prof. I.A.Chernogorov on "Angina pectoris." Terap.arkh. 29
no.2:81-84 '57. (MIRA 11:1)
(ANGINA PECTORIS)

CHERNOGOROV, I.A., professor (Medicine)

Second European Congress of Cardiologists. Terap.arkh. 29 no.4:
86-92 Ap '57. (MIRA 10:10)
(STOCKHOLM--CARDIOLOGY--CONGRESSES)

CHEERNOGOROV, I.A., prof. (Moskva)

Review of N.N. Savitskii's "Methods for making a study and functional analysis of blood circulation." Terap.arkh. 31 no.12:82-84 D '59.

(BLOOD--CIRCULATION)

(SAVITSKII, N.N.)

(MIRA 13:4)

CHERNOGOROV, I.A.; KOZHEVNIKOV, Yu.A.

Treatment of angina pectoris with methylthiouracil. Terap. arkh.
32 no. 7:17-21 JI '60. (MIRA 14:1)
(ANGINA PECTORIS) (URACIL)

CHERNOGOROV, I.A., prof.; KOZLOVSKAYA, I.A., kand.med.nauk;
KOZHEVNIKOV, Yu.A.

Effect of reserpine on hypertension of the pulmonary artery.
Terap.arkh. 32 no.9:15-19 '60. (MIRA 14:1)

1. Iz kafedry vnutrennikh bolezney (zav. - prof. I.A. Chernogorov) Moskovskogo meditsinskogo stomatologicheskogo instituta.
(RESERPINE) (PULMONARY ARTERY—DISEASES) (HYPERTENSION)

CHERNOGOROV, Ivan Aleksaevich; KALININA-ZOLOTAREVSKAYA, N.V., red.;
CHULKOV, I.F., tekhn. red.

[Disorders of the cardiac rhythm]Narusheniia ritma serdtsa.
Moskva, Medgiz, 1962. 370 p. (MIRA 16:2)
(HEART---DISEASES)

CHERNOGOROV, I. A., prof; KOZHEVNIKOV, Yu. A.

Pathogenesis of arrhythmias in myocardial lesions. Terap. 34
no.1:13-18 '62. (MIRA 15:7)

1. Iz Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR
prof. A. L. Myasnikov) AMN SSSR.

(ARRHYTHMIA)

CHERNOGOROV, I.A., prof. (Moskva)

Disorders of the cardiac rhythm. Med. sestra 22 no.11:
15-20 N°63 (MIRA 16:12)

VAL'DMAN, V.A., zasl. deyatel' nauki RSFSR, prof.; ZAMYSLOVA, K.N., prof.; IL'INSKIY, B.V., prof.; KURSHAKOV, N.A.; LUKOMSKIY, P.Ye., prof.; MYASNIKOV, A.L., prof.; MOLCHANOV, N.S., prof.; RAYEVSKAYA, G.A., prof.; TEODORI, M.I., kand. med. nauk; CHERNOGOROV, I.A., prof.; TAREYEV, Ye.M., prof., otv. red.; OSTROVERKHOV, G.Ye., prof., glav. red.; SHAPIRO, Ya.Ye., prof., red. toma; LYUDKOVSKAYA, N.I., tekhn. red.

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Otv. red. E.M.Tareev. Moskva, Izd-vo "Meditsina." Vol.2. [Diseases of the cardiovascular system] Bolezni serdechno-sosudistoi sistemy. Red. toma A.L. Miasnikov. 1964. 614 p. (MIRA 17:3)

1. Deystvitel'nyy chlen AMN SSSR (for Tareyev, Myasnikov, Lukomskiy, Molchanov). 2. Chlen-korrespondent AMN SSSR (for Kurshakov).

*

CHUBUKOV, A.A.; IVANOV, A.V.; CHERNOGOROV, L.L.; Prinimali uchastiye:
KOGAN, I.L.; TALANOVA, L.N.; POPOVA, Ye.P.; ABROSOV, A.P.

Cleaning of spinnerets in the manufacture of viscose fibers.
Khim.volok. no.1:69-70 '63. (MIRA 16:2)

1. Rostovskiy nauchno-issledovatel'skiy institut tekhnologii
mashinostroyeniya.

(Rayon spinning)

SOV/137-59-5-9810

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, pp 47 - 48
(USSR)

AUTHOR: Chernogorov, P.V.

TITLE: The Problem of Preparing Foundry Pig Iron by Modified Blast
Furnace Process

PERIODICAL: Metallurg. Yuzhn. Urala (Sovnarkhoz Chelyab. ekon. adm. r-na),
1958, Nr 1, (2), pp 3 - 6

ABSTRACT: Blast-furnace foundry pig irons of the same grade whose properties
fully agree with GOST standard requirements, are however different
as to the amount, composition and shape of non-metallic and gaseous
impurities, the form of graphite separation and the character of
its distribution in the metal mass. The causes of these differences
are connected with the character of the smelted Fe-ores, the con-
ditions of the blast furnace process, conditions of blast furnace
teeming and the character of a modified blast furnace process.
Data are given on the amount and character of cast refuse in the
utilization of one-type foundry pig-iron from various Ural plants.

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SOV/137-59-5-9810

The Problem of Preparing Foundry Pig Iron by Modified Blast Furnace Process

To stabilize the quality of castings and to improve the structure of the metallic portion of the pig iron, the author suggests to develop a modified blast furnace process by the introduction of 45 and 75% Fe-Si into the furnace runner during the tapping-out of pig-iron. Experiments performed have shown that with the use of the indicated method it was possible to reduce by 20% coke consumption in the blast furnace (because of the exclusion of production losses in switching over to foundry pig-iron smelting), to raise the stability of the blast furnaces, to improve the quality of metal characteristics on account of a smoother operation of the blast furnace and a subsequent modification. The modification process furthers the purification of the metal from non-metallic impurities, degassing, graphite refinement and ensures a greater amount of bound C. In modification of cast iron with Fe-Si, up to 70% Si is assimilated, the metal properties are improved in comparison to the cast iron not subjected to modification; therefore a lesser necessary amount of Si in the cast iron is required. However, in the experimental cast iron smelt heterogeneity of the chemical composition of cast iron, obtained by

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SOV/137-59-5-9810

The Problem of Preparing Foundry Pig Iron by Modified Blast Furnace Process

mixing, was observed. The use of MMK cast iron obtained by modified blast furnace process at the Ural Automobile Plant improved the quality of castings and reduced refuses. At the end of 1957 and at the beginning of 1958 it was intended to produce at MMK and ChMZ 6,000 tons of foundry pig iron by the modified blast furnace process. ✓

L.Kh.

Card 3/3

CHERNOGOROV, Pavel Vasil'yevich, prof.; VASIN, Yuriy Petrovich, dotsent,
kand.tekhn.nauk; SVET, Ye.B., red.; KOLBICHEV, V.I., tekhn.red.

[Method of reducing riserheads on castings] Metod umen'shenia
pribylei v otlivkakh. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo,
1959. 56 p. (MIRA 13:5)

(Founding)

*C*HERNOGOROV P.V.

PAL'MOV, Ye.V., doktor tekhn.nauk, obshchiy red.; VSHIVKOV, P.P., inzh., red.; KUBSHINSKIY, V.V., kand.tekhn.nauk, red.; PORUCHIKOV, Yu.P., kand.tekhn.nauk, red.; STEPANOV, V.V., kand.tekhn.nauk, red.; SOKOLOV, K.N., kand.tekhn.nauk, red.; SOKOLOVSKIY, V.I., kand.tekhn.nauk, red.; SUSTAYOV, M.I., inzh., red.; SHUMAYEV, B.K., kand.tekhn.nauk, red.; CHERNOGOROV, P.V., prof., red.; DUGINA, N.A., tekhn.red.

[Mechanisation and automation in the machinery industry] Mekhanizatsiya i avtomatizatsiya mashinostroitel'nogo proizvodstva. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1959. 519 p.

(MIRA 13:2)

(Machinery industry--Technological innovations) (Automation)

CHERNOGOROV, P.V.; VASIN, Yu.P.; BOBROV, A.V.

New molding material to avoid sand skin. Lit. proizv. no.1:4-5 Ja
'59. (MIRA 12:1)

(Founding) (Sand, Foundry)

18.4000

77685
SOV/148-60-1-8/34

AUTHORS: Chernogorov, P. V., Vasin, Yu. P.

TITLE: Shortening the Drying Period of Shell Molds in Precision Casting Production Using Lost Wax Method

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, 1960, Nr 1, pp 47-52 (USSR)

ABSTRACT: This is a description of an investment casting process used at the Chelyabinsk Tractor Plant (Chelyabinskiy traktorny zavod) and a proposed improvement of the process. By the present process the pattern is prepared from easily melted modeling composition in steel dies. The refractory coating is put on the surface of the pattern in 4 layers. The first 2 layers consist of hydrolyzed solution of ethyl silicate (tetraethoxysilane) and powdered quartz. In the 2 other layers water glass is used instead of silicate. The refractory coatings of the first 2 layers are dried in the air for not less than 1.5 hours, then held for 0.5 hours in ammonia closet, then again held in the air for not less than 0.5 hours. After coating with water

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Shortening the Drying Period of Shell Molds
in Precision Casting Production Using Lost
Wax Method

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glass suspension (third and fourth layer), the pattern is dusted with sand containing 4% ammonia. Holding: after dusting the third layer for 10 minutes; and after dusting the fourth layer for 15 to 45 minutes. The patterns are eliminated from the molds by hot water. The washed molds are dried and roasted. One of the main elements in technology of precision casting by lost wax method is the process of drying the refractory shell molds. The investigations of K. A. Andrianov and M. B. Sobolevskiy (High molecular weight organo-silicon compounds, Oborongiz, 1949), I. G. Liferenko et al. (Ethyl silicate (tetraethoxysilane) in precision casting, Collection "Precision Casting," Mashgiz, 1952), Ye. I. Neymark (Silicagel, properties, application, and methods of its production, Advances in Chemistry, 1956, Vol XXV, Nr 6, pp 748-769) and Ye. I. Neymark, M. A. Piontkovskaya, I. B. Slinyakova (Rate of coagulation of silicic acid sol and the structure of dry silica gel, Colloidnyy Zhurnal, 1956, Nr 1, p 61) regarding the kinetics of refractory shells formation lead to the conclusion that the speed of drying the refractory

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Shortening the Drying Period of Shell Molds
in Precision Casting Production Using Lost
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shells can be increased by increasing the silica concentration, by the change of concentration of hydrogen ions pH, and the temperature of surrounding medium. The analyses conducted by the authors (with participation of the student Ye. Kostikov in the experimental part of the work) showed that pH of the generally used suspensions vary from 1 to 3. Therefore the subsequent tests for shortening the time of drying of refractory shells were directed toward the possibility of increasing the pH value. The authors arrived at the following conclusions: (1) One of the methods of increasing the productivity of precision casting using the lost wax method is to shorten the drying period of refractory shells. (2) The duration of drying the refractory shells is determined mainly by the acidity of the medium. The change of medium's acidity can be achieved by introducing into the mixture small quantities of calciferous slag, which is a byproduct of ferro-chromium processing. (3) The introduction into the dust of 0.5% of calciferous slag (in relation to

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Shortening the Drying Period of Shell Molds
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the weight of powdered quartz) assures the decrease of drying time of each layer of refractory shell from 1.5 hours to 10-15 minutes, a complete elimination of ammonia medium and steel castings with smooth surface. (4)
The future work of improvement of technology should include: (a) elimination of uneven coating of refractory shells by slag; (b) experiments of introducing into dust some clay admixtures, magnesite, iron oxides, etc., also the application of low-grade sands enriched with oxides of calcium, magnesium, and iron; (c) development of the offered technology (under production conditions) and suitable specifications. There are 4 figures; and 4 Soviet references.

ASSOCIATION: Chelyabinsk Polytechnic Institute (Chelyabinskiy politekhnicheskiy institut)
SUBMITTED: June 4, 1958

Card 4/4

CHERNOGOROV, P.V.; BOBROV, A.V.; Primalni uchastiye: BABARYKIN, N.V.;
MONOYENKO, I.P.; MOREV, I.P.; KUPUYEVA, F.S.; OKUL'SKIY, M.K.;
GAL'PERIN, I.B.; VASINA, Z.M.; BERNSHTEYN, S.I.; BALINSKIY, V.R.

Effect of foundry iron prepared by a non-blast-furnace method on
the quality of foundings. Lit.proizv. no.7:9-12 Je '60.

(MIRA 13:7)

(Cast iron--Metallurgy)

(Foundries--Quality control)

S/128/60/000/007/012/017
A105/A033

AUTHORS: Vasilevskiy, P.F. and Chernogorov, P.V.

TITLE: At the Leipzig Conference "Patterns and Molds"

PERIODICAL: Liteynoye proizvodstvo, 1960, No. 7, pp. 46-47

TEXT: A conference on "Production of Patterns and Casting Molds" and "Metallurgy and Foundry Technique" was convened by the departments of the House of Technics of the GDR on September 24-25, 1959, in Leipzig. The conference was attended by delegates from the USSR (2), Hungary (1), Poland (1) and FRG (1). The following papers were read: "The Development Prospects of Pattern and Casting Production in the GDR" by the representative of the Planning Commission of KDR Schilling; "The Demands of Founders on Pattern Production" by Lefler, Karl-Marxstadt; "The Part of Pattern Makers in the Production of High Quality Castings" by Getsch, Linke and Gruennes, Leipzig; "Labor Organization in Pattern Workshops" by Erdmann, Schirm, Krebel and Dorn, Leipzig; "The Transition from the Domestic and Private Enterprise to Socialist Production" by Gayttsch, Karl-Marxstadt; "Production Technique of Chill Molds for Card 1/2

At the Leipzig Conference "Patterns and Molds"

S/128/60/000/007/012/017
A105/A033

Light Alloy Castings" by Jander, Rackwitz; "Production of Chill Molds for Iron Castings" by Schwartz, Dresden; "Erosion Processes" by Rossa, Berlin; "The Use of Epoxy Resins in Pattern Production" by Schigner, Grediz; "Accident Prevention in Foundries under Consideration of Physiological Factors" by Hauser of the Institute of Technology, Leipzig; "New Technological Methods in Steel Casting" by P.F. Vasilevskiy; "Using Big-Lot Production Methods in the Individual or Small-Batch Production of Molds" by P.V. Chernogorov; "Some Technological Problems on the Production of Molds for Malleable Cast Iron" by the Hungarian delegate. The majority of papers dealt with problems of pattern production. The first paper contained figures showing the achieved and planned development of foundry production for 1959-65. Centralization of this production is planned at the Pattern Plant in Leipzig. Doctor F. Naumann of the Leipzig Institute of Foundry Techniques plays the leading part in the standardization of chill mold and pattern units. The composition of epoxy resins was determined in the Leuna Plant im. Walter Ulbricht, Grediz. After the conference the delegates visited a number of plants supervised by the Leipzig Institute of Foundry Techniques and College of Engineering. A brief description of the Specialized Leipzig Pattern Plant is given.

Card 2/2

CHERNOGOROV, Pavel Vasil'yevich; VASIN, Yuriy Petrovich; LUZIN, P.G., inzh.,
retsenzent; ISAROVSKIY, B.V., inzh., retsenzent; SIDORENKO, R.A., kand.
tekh. nauk, red.; DUGINA, N.A., tekh. red.

[Making castings with a smooth surface] Poluchenie otlivok s chistoi
poverkhnost'iu. Moskva, Gos. izd-vo mashinostroit. lit-ry, 1961. 143 p.
(MIRA 14:7)

(Founding)

VASIN, Yu.P.; CHERNOGOROV, P.V.

Effect of refractory clay on the properties of molding mixtures.
Lit. proizv. no. 4:3-7 Ap '61. (MIRA 14:4)
(Sand, Foundry) (Fire clay)

VASIN, Yuriy Petrovich, dots.; NIKIFOROV, Aleksey Pavlovich, inzh.;
CHERNOGOROV, Pavel Vasilyevich, prof.; SVET, Ye.B., red.

[New method of testing molding materials] Novyi metod kont-
rolia formovochrykh materialov. Cheliabinsk, Cheliabinskoe
knizhnoe izd-vo, 1963. 65 p. (MIRA 17:8)

CHERNOGOROV, P.V.

Chelyabinsk conference on the use of potentialities in the
manufacture of machinery. Lit. proizv. no.8:40 Ag '63.

(MIRA 16:10)

CHERNOGOROV, P.V., prof.; SHAVKUNOV, N.D., inzh.

Increasing the durability of the auxiliary equipment of automatic
pipe rolling mills. Stal' 24 no.6:527-528 Je '64. (MIRA 17:9)

1. Chelyabinskiy politekhnicheskiy institut i Chelyabinskiy
truboprokatnyy zavod.

ACCESSION NO: 21418034

AUTHOR: Chernogorov, P. V. (Prof)

TITLE: Pulling structural shapes from the melt

SOURCE: *Mekhanika proizvodstva*, 1979

TOPIC TAGS: structural shape, aluminum tube pulling

ABSTRACT: Structural shapes cast with the use of a seed (see Fig. 1) size and configuration are determined by the mold and by the cooling conditions. On the basis of the M-12 machine for seed pulling, the effect of cooling conditions was studied for a 30 mm in external diameter with 0.8—4 mm at a pulling rate of

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ACCESSION NR: AP5-008034

of 60 1/min at 20—300, and a con
Tubes with 0.8—4 μm thick walls
were obtained. Cooling conditi
formation of a shape (see Fig.
4 figures.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 004

Liquid Metal

18

Card 2/4

VASIN, Yu.P.; CHERNOGOROV, P.V.

~~Effect of technological factors on the gas permeability of molds.~~
Lit. proizv. no.9:23-25 S '64. (MIRA 18:10)

L 07940-67 EWP(m)/EWP(t)/ETI/EWP(k) LIP(c) JD/WW/WW/JG
ACC NR: AP6027633 SOURCE CODE: UR/0145/66/000/006/0148/0154

AUTHOR: Chernogorov, P. V. (Doctor of technical sciences, Professor); Nebogatov, Yu. Ye. (Senior instructor)

ORG: Chelyabinsk Polytechnical Institute (Chelyabinskiy politekhnicheskiy institut)

TITLE: Investigation of cooling during pulling of profiles from a melt 16 56

SOURCE: IVUZ. Mashinostroyeniye, no. 6, 1966, 148-154 B

TOPIC TAGS: crystal growth, cooling, metal forming, molten metal 16

ABSTRACT: The authors describe an installation designed for studying the process of pulling columns of various cross sectional shapes from melts of metals and alloys. A diagram of the unit is shown in the figure. Rotation of reversible DC electric motor 1 is transmitted through speed reducer 2 and bevel gear system 3 to screw 4 which moves slider 5 carrying seed holder 6. The slider moves along guide 7. Seed 8 is fastened to holder 6 through heat insulator 9 and lowered to the level of the shaper 10 by turning handwheel 11 and screw 12. Shaper 10 is fastened to holder 13 and to slider 15 through bracket 14. Handwheel 16 and screw 17 are turned to lower the shaper to the surface of the molten metal in crucible 18 of furnace 19. Air or gas is fed from a compressor through hose 20 to cooling device 21 and unit 22 for controlling the size of the blowing gap. Handwheel 23 and screw 24 are rotated to set slider 25 which holds the cooling device at the necessary distance m from the shaper. Rotation of screw 4 is transmitted through flexible shaft 26 to revolution counter 27 mounted on a control

Card 1/2

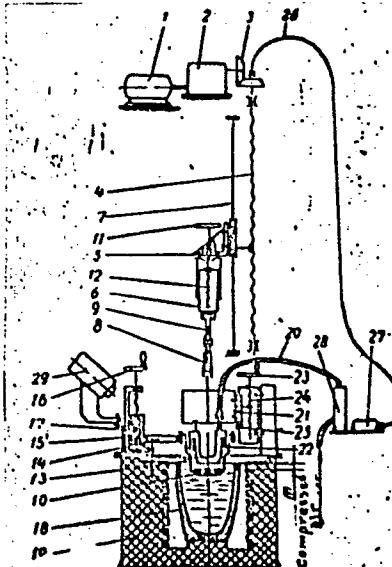
UDC: 621.735

L 07940-67

ACC NR: AP6027633

panel. Also mounted on this panel is a rheostat for controlling the pulling speed by changing the voltage to the motor armature. The rate of flow of the air or gas in line 20 is adjusted by rotameter 28. The temperature of the metal in the crucible is monitored by stationary pyrometer 29 on a bracket which is connected to a potentiometer or millivoltmeter. The device is used for studying various cooling methods by regulation of compressed air or gas flow. Orig. art. has: 5 figures, 3 tables.

SUB CODE: 13/ SUBM DATE: 19Aug64/ ORIG REF: 002



Card 2/2 *29/6*

CHERNOGOROV, V.G., inzhener.

New-design nonreturn valves. Mashinostroitel' no.7:45 J1 '57.
(Valves) (MIRA 10:8)

CHERNOGOROV, V.P.

CHERNOGOROV, V.P.

Streamflow components during spring floods and the computation
of maximum discharges in the Angren River near the Turk station.
Trudy Tashk.geofiz.obser.no.15:70-87 '57. (MIRA 10:11)
(Angren River--Floods)

CHERNOGOROV, Y.P.

Aerial photographic surveying of the snow cover in the mountainous basin of the Pskem River and problems concerning runoff resulting from snow waters. Trudy Sred.-Az.nauch.-issl.gidrometeor.inst. no.2:256-266 '59. (MIRA 13:6)

(Pskem Valley--Thawing)
(Aerial photogrammetry)

3 (7)

AUTHOR:

Chernogorov, V. P.

SOV/50-59-3-7/24

TITLE:

Dynamics of the Melting of the Snow Cover in the Basin of the Pskem Mountain River According to Data From Air Photographs (Dinamika skhoda snezhnogo pokrova v bassejne gornoy reki Pskem po dannym aerofotos"yemck)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 3, pp 35 - 37 (USSR)

ABSTRACT:

During the period of the snow melt air photographs of the snow cover in the high mountain area of the Pskem River basin (basin of the Chirchik River) were made in 1956 on an area of 1573 km² upon the order of the Tashkentskaya nauchno-issledovatel'skaya geofizicheskaya observatoriya (Tashkent Scientific Geophysical Research Observatory). One of the tasks was the determination of the dynamics of the melting of the snow cover in the individual basins of the rivers Maydantal, Oygaing and Chara-Alma (headwaters of the Pskem). The photographs were made from April to September 1956. The average scale of the photographs was 1 : 35,000. The method of the interpretation of the photographs is shown. The results show that in spite of their close vicinity the individual basins reveal special characteristics with respect to

Card 1/2

Dynamics of the Melting of the Snow Cover in the Basin of the Pskem Mountain River According to Data From Air Photographs SOV/50-59-3-7/24

their snow melting conditions. The decrease of the snow cover in the period between the first and the second photograph was in the Oygaing- and the Chara-Alma basin 35 and 55 %, respectively, in the Maydantal basin at the same period only 21 %. In June-July the percentage of the bare area was approximately equal in the Maydantal- and the Oygaing basin while it considerably decreased in the Chara-Alma basin. Since in this region snow melt is practically over by September the following may be said: The area in the Maydantal basin covered by glaciers, glacier snow fields and snow gorges is about 35 km² (8 %), in the Oygaing basin approximately 45 km² (5%) and in the Chara-Alma basin only very unimportant snow gorges were observed at that time. Thus, the area in the upper course of the Pskem basin covered by glaciers, glacier snow fields, and snow gorges is assumed to be about 80 km² which is 5 % of the basin. There are 1 figure, and 1 table.

Card 2/2

S/169/62/000/002/052/072 .
D228/D301

AUTHOR: Chernozorov, V. P.

TITLE: The use of aerophotographic surveys of the snow cover on the upper mountainous reaches of the R. Angren for hydrologic purposes

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1962, 46, abstract 2V324 (Tr. Sredneaz. n.-i. gidrometeorol. in-ta, no. 7 (22), 1961, 3-31)

TEXT: The data of the first aerophotographic and surface snow-surveys enabled the reserves of moisture accumulating in the winter period to be determined both in different altitudinal zones and in each basin as a whole. The execution of the surveys in the period of snow melting allowed the expenditure of moisture reserves that accumulated in the winter period to be ascertained almost to the moment of the complete disappearance of snow in the basins. The average height of the snowline on the dates of the aerophotographic surveys was calculated from data about the snow-bound nature of

Card 1/2

The use of aerophotographic ...

S/169/62/000/002/052/072
D228/D301

the basins with the help of hypsographic curves. The magnitude of the snowline's rise per one degree of the mean daily positive temperature in 1957 and 1958 was determined from the magnitude of the snowline's rise during the period between the aerophotographic surveys and from the air-temperature totals for these periods at the snowline's average height. The magnitude of the change in the discharge of water in the rivers in the periods between aerophotographic surveys, in terms of each meter of the snowline's ascent and per degree of the average daily positive air-temperature, was determined from the above-indicated data for 1957-1958. On the grounds of the materials of the aerophotographic surveys and surface snow-surveys, and on the basis of precipitation-gage observations, it was possible to characterize the supply of moisture to the surface of the basins of the R. Angren and the R. Kzylcha. The values of the precipitation-runoff coefficients for the Upper Angren and for the R. Kzylcha were approximately ascertained from a comparison of the moisture income and the fluvial discharge (without allowing for distortion). 5 references. [Abstracter's note: Complete translation.]

Card 2/2

LEONOVA, V.N.; KOZ'MIN, V.D.; CHERNOGOROVA, M.N.

Effect of ephedrine and aloe on the function of the adrenal cortex.
Nauch. trudy Riaz. med. inst. 15:53-55 '62. (MIRA 17:5)

1. Kafedra fakul'tetskoy terapii (zav. kafedroy - dotsent
G.A.Dashtayants) Ryazanskogo meditsinskogo instituta imeni
Pavlova.

ORIAN, M.; CHERNOGOROVA, V.; MAKSEV, B.

Pay more attention to competition among brigades and shock workers of communist labor. Izv.-ko. Kios. 11 no. 1:14 '61.

(MIRA 14:2)

1. Predsedatel' Latvyskogo Respublikanskogo komiteta profsoyusa rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Orman). 2. Predsedatel' Moskovskogo oblastnogo komiteta profsoyusa rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Chernogorova). 3. Predsedatel' Vologodskogo oblastnogo komiteta profsoyusa rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Makshev).
(Municipal services)

CHERNOGOROVA, V. A.

Category : USSR/Nuclear Physics - Elementary Particles

C-3

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 393

Author : Mykhtarov, A.I., Chernogorova, V.A.

Inst : Azatbaydzhan Univ. USSR

Title : Photo Production of Neutral Mesons with Allowance for the Spin States of the Nucleons

Orig Pub : Dokl. AN Azerb SSR, 1956, 12, No 2, 77-80

Abstract : Examination of the process of photo production of neutral mesons by protons and neutrons, taking their spin into account. The calculation is carried out for the non-relativistic case. The differential and total cross section of the photo production of π^0 mesons are calculated for the S and PS variants of the meson theory. The experimental data agree well with the calculated differential cross section for the S-variant, when the spins of the nucleons are anti-parallel in the initial and final states.

Card : 1/1

CHERNOGOROVA, V.A.

86666

9.6150
26.2244

P/045/60/019/006/005/012
B011/B059

AUTHORS: Yefiseyev, W. S., Komarov, W. J., Kusch, V. Z., Roganov, W.S.,
Tchernogorova, W. A., Szymczak, M.M.
Shimchal

TITLE: Fast-neutron Scintillation Layer Detector for Measurements
Against a Gamma Background

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 6, pp. 675-682

TEXT: The authors describe a scintillation layer detector with high efficiency for fast neutrons and low efficiency for gamma rays. The layer detector is based upon the difference between the range of protons and electrons of the same energy. The detector is designed for neutron measurements in the energy range between 5 and 20 Mev and consists of 28 layers made of plastic scintillators (on the basis of polystyrene), and is arranged in two sections, one behind the other. In each section, the light from the even layers is directed into two FEU-29 photomultipliers, the light from the odd layers is led into two other FEU-29 photomultipliers.

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86666

Fast-neutron Scintillation Layer Detector P/045/60/019/006/005/012
for Measurements Against a Gamma Back- B011/B059
ground

If the electron energy is sufficiently high so that the electron can pass into the adjacent layer, then both photomultiplier sets (odd and even) will produce pulses simultaneously. The electronic circuit cancels those coincidences and allows only single pulses (produced in any of the photomultipliers) to reach the pulse-height analyzer. In order to characterize the decrease in counting efficiency for neutrons and gamma rays when the coincidence circuit (resolution 0.4μ sec, veto pulse 0.6μ sec) is turned on, the discrimination coefficient (ratio of pulses with coincidence circuit off to pulses with coincidence circuit on, both at the same level of the integral discriminator) is introduced. For neutrons, this coefficient did not exceed 1.5, for gamma quanta, however, it had much higher values. The authors thank N. W. Sizov for help in the work with the Cockroft-Walton-type accelerator, as well as D. K. Akimov and V. A. Zapevailo for their assistance in the construction of the electronic part. There are 6 figures and 6 references: 2 Soviet and 3 US.

ASSOCIATION: Joint Institute of Nuclear Research, Dubna, USSR

SUBMITTED: April 6, 1960
Card 2/2

YEVSEYEV, V.S.; KOMAROV, V.I.; KUSH, V.Z.; ROGANOV, V.S.; CHERNOGOROVA,
V.A.; SHIMCHAK, M.M.

[Asymmetry in the angular distribution of neutrons emitted in the capture of μ^- -mesons in calcium] Asimetriia v uglovom raspredelenii neutronov, ispuskaemykh pri zakhvate μ^- -mezonov v kal'tsii. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 27 p.
(MIRA 14:11)

(Neutrons) (Mesons--Capture) (Calcium)

YEVSEYEV, V.S.; KOMAROV, V.I.; KUSH, V.Z.; ROGANOV, V.S.; CHERNOGOROVA,
V.A.; SHIMCHAK, M.M.

Scintillation lamimer detector recording fast neutrons in the
presence of gamma quanta. Prib. i tekh. eksp. 6 no.1:68-72
Ja-F '61. (MIRA 14:9)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Neutrons) (Scintillation counters)

YEVSEYEV, V.S.; KOMAROV, V.I.; KUSH, V.Z.; ROGANOV, V.S.; CHERNOGOROVA, V.A.;
SHIMCHAK, M.M.

Asymmetry of the angular distribution of neutrons emitted in the
capture of μ^- -mesons in calcium. Zhur.eksp.i teor.fiz. 41
no.1:306-307 J1 '61. (MIRA 14:7)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Mesons—Capture) (Neutrons—Scattering)

CHERNOGOROVA, V.A.

CHANG RUN-HWA, CHERNOGOROVA, V.A., ROGANOV, V.S., SHIMCHAK, M., YEVSEYEV, V.S.

"Asymmetry in the Angular Distribution of Neutrons Emitted in
Mu-Meson Capture in Capture"

report presented at the Intl. Conference on High Energy Physics, Geneva,
4-11 July 1962

Joint Institute for Nuclear Research
Lab. of Nuclear Problems

SPASOKUKOTSKIY, Yu.A.; ~~CHERNOGOROVA, Z.I.~~; GRINCHENKO, A.N.; YEL'YASHKEVICH,
E.S.; GITIS, Ye.I.; SHMUSHKO, R.Ya.; SARNITSKIY, I.P.

Effect of the BK-8 protein blood substitute on the process of blood
coagulation in dogs during a stomach resection. Trudy Kiev. nauch.-issl.
inst. perel. krovi i neotlozh. khir. 3:120-128 '61.

(MIRA 17:10)

~~Chernogorova, Z.L.~~
KOMISARENKO, V.P., prof.; ~~CHERNOGOROVA, Z.L.~~, kand.biolog.nauk

Some problems on the mode of action of insulin on the cardiovascular system. Medych.zhur. 20 no.3:21-33 '50. (MIRA 11:1)

1. Z viddilu eksperimental'noi endokrinologii (zaviduvach - chlen-korespondent AN URSS prof. V.P.Komisarenko) Institutu eksperimental'noi biologii i patologii im. akad. O.O.Bogomol'tsya Ministerstva okhoroni zdorov'ya URSS (direktor - prof. O.O.Bogomolets')
(BLOOD PRESSURE) (INSULIN)

CHERNOGOROVA, Z. L.

USSR/Medicine - Hormones

Oct 51

"Effects of Corticotonin on the Coronary Vessels," V. P. Komissarenko, Active Mem Acad Sci Ukrainian SSR, and Z. L. Chernogorova, Cand Biol Sci, Dept of Exptl Endocrinol, Inst Exptl Biol and Pathol Ukrainian SSR

Medich Zhur, Vol 21, No 5, pp 21-27

Corticotonin (I) is derived from the suprarenal glands. Expts on rabbits and cats showed that I possesses vasodilative properties. It also intensifies cardiac activity and increases arterial pressure. Under the influence of I the coronary vessels of the isolated heart of exptl cats and rabbits become dilated. This results in intensification of cardiac activity. The effects I has on the nutritive properties of tissues apparently are due to the fact that it acts on the basic vital functions of these tissues improving metabolism, excitation, and conduction. It is assumed that this action of I is effected through the trophic nerves.

PA 255T29

FEDOROV, I.I.; FEDOROVA, Z.P.; CHERNOGOROVA, Z.L.

Elimination of hemodynamic disorders by intravenous injection of a sodium lactate solution in conjunction with BK-8. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:90-95 '61. (MIRA 17:10)

1. Kiyevskiy institut perelivaniya krovi.

FEDOROV, I.I.; CHERNOGOROVA, Z.L. [Chorohorova, Z.L.]

Effect of sodium lactate solutions on intestinal motility.
Fiziol. zhur. [Ukr.] 7 no.6:811-815 N-D '61. (MIRA 15:3)

1. Patofiziologicheskaya laboratoriya Kiyevskogo nauchno-
issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy
khirurgii.

(SODIUM LACTATE)
(GASTROINTESTINAL MOTILITY)

CHERNOGOROVA, Z.L., starshiy nauchnyy sotrudnik.

Experimental study of a protein blood substitute (EK-8) stored
for many years. Vrach. delo no.4:69-72 Ap'63. (MIRA 16:7)

Proteinovaya Krov. Substitut
1. Laboratoriya biologicheski aktivnykh veshchestv 'rukovoditel'
prof. Yu.A. Spasokukotskiy) Instituta fiziologii imeni A.A.
Bogomol'tsa AN UkrSSR.
(BLOOD PLASMA SUBSTITUTES)

CHERNOGOROVA, Z.L.

Experimental evaluation of the BK-8 dry protein blood substitute and BK-8 obtained from the dried serum of a bull. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:133-136 '61. (MIRA 17:10)

1. Kiyevskiy institut perelivaniya krovi.

CHERNOGORSKA, Z

CHERNOGORSKA , Z.; BLIZNAKOVA, P.; OBREIKOV, L.

Residual manifestations and sequelae of Botkin's disease.
Suvrem.med., Sofia 6 no.7:30-39 1955.

1. Iz Vutreshnata klinika pri Visshia meditsinski institut
I.P.Pavlov, Plovdiv (sav. katedrata: prof. M.Rashev).
(HEPATITIS, INFECTIOUS,
seq.)

CHERNOGORSKI, G.

How we Constructed the LZIKSP Amateur Radio Station. Radio (Radio),
#7:9:Jul 54

CHERNOGORSKI, G.

Our Active Members. Radio Engineering, #4:11:Apr.55

CHERNOGORSKI, G.

The Section Consolidated - the Results are Good. Radio Engineering, #6:5:June 55

CHERNOGORSKI, G.

Deserved distinction. "RADIO" Ministry of Communication, #7-8:10:Jul-Aug. 55

CHERNOGORSKI, G.

Progress of the Pazardzhik radio amateurs. p. 14.

RADIO. Vol. 5, no. 1, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List. (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

CHERNOGORSKI, G.

CHERNOGORSKI, G. District and regional competitions in Plovdiv. . 3.

Vol. 5, No. 9, 1956.

RADIO.

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1957

ENDRIS, Yuriy, doktor meditsiny, CHERNOGORSKIY, Genrikh, doktor meditsiny

Calcification of the coronary artery. Klin.med. 36 no.8:32-38
Ag '58 (MIRA 11:9)

1. Iz Voenno-meditsinskoj akademii (gradets Kralove - Chekoslavakiya).
(CORONARY DISEASE, diag.
calcification, x-ray diag. (Rus))

AUTHOR: Chernogortsev, A., Chairman of the Madona Rayon Committee DOSAAF, Latvian SSR 107-57-3-4/64
TITLE: Let Us Organize All-Voluntary Radio Clubs
(Sozdadim samodeyatel'nyye radiokluby)

PERIODICAL: Radio, 1957, Nr 3, p 5 (USSR)

ABSTRACT: In the Presidium of the DOSAAF Central Committee. The Presidium "has supported the initiative of radio amateurs and advised all Committees of the Society to widely adopt the practice of creating "samodeyatel'nyy"* radio clubs".

On Social Principles (Na obshchestvennykh nachalakh). An all-voluntary radio club in Madona has been in existence over one year. Its activities have been directed by engineer Lasmanis, Chairman of the Club Board, and by technician Ozols, Chief of the Club. The Club has trained 27 radio operators, and its membership is 40. Ozols, Balodis, and Levin were cited and received prizes at the Latvian Radio Exhibition in 1956. Serdants received a first-grade diploma for his 7-tube radio receiver.

* "Samodeyatel'nyy" means with no paid workers. (Abstractor's Note).

ASSOCIATION: Predsedatel' Madonskogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.

card 1/1

CHERNOGORTSEV, A.P.

Effect of sugar on the curing of sprats in pickling brine.
Izv. vys. ucheb. zav.; pishch. tekhn. no.3:38-45 '58. (MIRA 11:9)

1. Astrakhanskiy tekhnicheskiy institut rybnoy promyshlennosti i
khozyaystva, Kafedra tekhnologii rybnykh produktov.
(Sprats)

C H E R N O G O R T S E V A . P .

307/66-59-1-19/25

None Given

5413

Author: All-Union Scientific Technical Commission on Refrigeration Engineering
Title: Kholodil'naya tabulitsa, 1959, Nr 4, pp 61-65 (USSR)

ABSTRACT:

Under the auspices of the Leningradskiy tekhnologicheskii institut (Leningrad Institute of Technology) and the Leningradskiy institut khimicheskoy tekhnologii (Leningrad Institute of Chemical Technology), of the Vsesoyuznyy nauchno-issledovatel'skiy tsentr (All-Union Scientific Research Institute) and the Vsesoyuznyy nauchno-issledovatel'skiy tsentr (All-Union Scientific Research Institute) of Refrigeration Industry in Leningrad, a convention was held in Leningrad from the 6 through 9 August, 1959, a convention was attended by 539 people. Below are given the names of the principal lecturers, the names of the institutions they represent and the titles of their lectures: V.Ya. Kobzarev (Ministry of Trade in the National Economy) "Methods of Equipment and Application of Refrigeration in the National Economy"; G.M. Kuznetsov (Ministry of Trade in the National Economy) "Methods of Equipment and Application of Refrigeration in the National Economy"; V.V. Gogolitsa, Engineer (Central Designing Bureau of Refrigeration Equipment Building) "Fields of Application of Refrigeration Equipment in Industry"; V.P. Izberovskiy, Engineer (Odessa Designing Institute of Complex Automation of Production Processes in the Food Industry) "Orientation and Designing of Automatic Systems in Refrigeration and Air Conditioning"; E.K. Skripin, Engineer (VNIIO Type), I.B. Yekubovskiy, Candidate of Technical Sciences (VNIIO) "Investigation of Small Freon Compressors with a Ribbed Heat Exchanger"; D.M. Joffe, Candidate of Technical Sciences (VNIIO) "Electron Neurons"; Investigation of Heat-Exchanging Machinery with a Ribbed Heat Exchanger"; A.M. Romanovskiy, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "The Problem of Complete Utilization of Refrigeration Machines"; I.S. Masyurovskiy, Professor and Doctor of Technical Sciences and B.S. Farel'yevskiy, Professor (Odessa Technological Institute of Food and Refrigeration Industries) "Thermal Air Separation"; I.S. Masyurovskiy, Professor and Doctor of Technical Sciences (Odessa Technological Institute of Food and Refrigeration Industries) "The Cold End of the Vapor Tube"; I.P. Derzhkin, Machine Building) "Results of the Research on Working Period of the Installation No-1 and the Prospects of Producing Technological Machines"; A.I. Boyev, Candidate of Technical Sciences and B.V. Demchenko, Engineer (VNIIO of Gorkun Machine Building); I.I. Syrbizovich, Professor and G.S. Gidmarov, Candidate of Technical Sciences (Leningrad Technological Institute of Re-

Card 1/A

frigeration Industry) "Theoretical Investigation of Expansion of Moist Vapor"; V.V. Demchenko, Candidate of Technical Sciences (VNIIO) "Investigation of the Working Period of Air Conditioning Machinery"; A.I. Skolobov, Professor (Institute of Power Engineering of the AS USSR) "Air-Conditioning-Expansion Cooling and Air Conditioning on the Crosses in Hot Workshops"; J.K. Kostinokovskiy, Professor and Doctor of Biological Sciences (Institute of Cytology of the AS USSR) "The Latest in the Doctrine Pertaining to the Influence of Low Temperatures on Organisms"; M.A. Golovtvin, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "Techno-Consistency of the Muscular Tissue Under Refrigeration"; "Food Products of Animal Origin"; D.G. Krut'ko, Candidate of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "Conditions of Storage of Frozen Meat in a Cold Room with Jacket Heat Protection"; A.V. Shafirov, Candidate of

Card 2/A

Technical Sciences and A.G. Sotchenko (All-Union Scientific Research Institute of Meat Industry) "Single-Stage Freezing of Meat"; A.M. Shafirov, Engineer (Artrabban) "Technical Institute of Fish Industry" "Proteinolytic Enzymes and the Influence of Temperature on the Terms of Ripening and Storage of Sprat Preserves".

Card 3/A

CHERNOGORTSEV, A. P., Cand Tech Sci -- (diss) "Study of the Aging Process in the Preservation of Canned Sprats," Astrakhan', 1960. 21 pages. (Kaliningrad Technical Institute of the Fishing Industry and Economy); 200 copies; price not given. (KL, 23-60, 125)

ALEKSANDROVICH-MEL'NIKOVA, A.S.; CHERNOGORTSEV, A.P.

Microvolumetric argentometric determining of the salt
content of food products. Izv. vys. ucheb. zav.; pishch.
tekh. no.6:144-146 '63. (MIRA 17:3)

1. Astrakhanskiy tekhnicheskiy institut rybnoy promysh-
lennosti i khozyaystva, kafedra neorganicheskoy i analiti-
cheskoy khimii i kafedra tekhnologii rybnikh produktov.

CHERNOGORTSEV, A. P.; SHENDERYUK, V. I.

New types of feeds from fish wastes and inedible fish. Izv.
vys.ucheb.zav.; pishch.tekh.no. 2:44-45 '64. (MIRA 17:5)

1. Astrakhanskiy tekhnicheskiy institut rybnoy promyshlennosti
i khozyaystva, kafedra tekhnologii rybnykh produktov.

BRUMBERG, Ye.M.; BARSKIY, I.Ya.; KONDRAT'YEVA, T.M.; CHERNOGRAYDSKAYA, N.A.

Ultraviolet fluorescence of formed elements in the marrow and peripheral blood of animals and man under normal and pathological conditions. Report No. 1: Ultraviolet fluorescence of formed elements in the marrow and peripheral. Biofizika 6 no. 1:114-118 '61. (MIRA 14:2)

1. Institut tsitologii AN SSSR, Leningrad.
(NARROW) (BLOOD CELLS) (FLUORESCENCE MICROSCOPY)

CHERNOGRYADSKAYA, N. A.; PIL'SHCHIK, Ye. M.; SHUDEL', M. S.; KUDRYAVTSEVA,
M. V.; ASTASHINA, T. P.

Intrinsic ultraviolet fluorescence of mitochondria. Dokl. AN
SSSR 156 no. 1:174-176 My '64. (MIRA 17:5)

1. Institut tsitologii AN SSSR. Predstavleno akademikom
A. N. Tereninym.

RAKOCH, G.M.; ~~CHERNOGOREL'~~, N.I.; MOLCHANOV, F.G.

Using cold welding in making cathodes for the electrolysis of
zinc sulfate solutions. TSvet. met. 31 no. 7:85-87 JI '58.

(MIRA 11:8)

1. Chelyabinskiy tsinkovyy zavod.
(Zinc sulfate--Electrometallurgy)
(Welding)

TKACHENKO, I.A., inzhener; DIKSHTEYN, Ye.I., inzhener; VARSHAVSKIY, A.P.,
inzhener; GONCHAREVSKIY, A.Ya., inzhener; NIKOLAYEV, A.G., inzhener;
CHERNOGRUD, P.G., inzhener.

Top casting of steel through two stopper tubes. Metallurg no.5:29-32
My '56. (MIRA 9:9)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Smelting)

SOV/133-59-2-7/26

AUTHORS: Nikolayev, A.G., Ryabov, Z.I., Chernograd, P.G.
and Pugachev, D.K. Engineers

TITLE: An Improvement in the Surface Quality of Rimming Steel
Ingots (Uluchsheniye kachestva poverkhnosti kipyashchego
slitka)

PERIODICAL: Stal', 1959, Nr 2, pp 123-124 (USSR)

ABSTRACT: One of the main defects of rimming steel ingots on the
Magnitogorsk Works were surface films. On the proposal
of F.D.Voronov (engineer) filling of the ingot moulds
fitted with sleeves was tested. Cylindrical (dia 400 mm)
and rectangular (500 x 600 mm) sleeves up to 710 mm high
made from sheets from 0.5 to 1.5 mm thick were tested.
As a first step the solubility of the sleeves in the steel
was tested. It was found that complete solution of the
sleeves is obtained if they are made from sheets up to
1 mm thick. The effectiveness of the application of
sleeves was tested by tapping heats into two ladles and
teeming one ladle into moulds (7 ton) with sleeves and the
other ladle into moulds without sleeves. The ingots
obtained were rolled into slabs and their surface quality
Card 1/2 was evaluated on the basis of the productivity of slab

SOV/133-59-2-7/26

An Improvement in the Surface Quality of Rimming Steel Ingots

dressing (tons per shift). The results obtained (Table 1 and 2) indicated that the use of sleeves decreased the amount of dressing required by a factor of 1.8. The overall economy obtained amounted to 0.45 - 0.35 roubles/ton of steel. There is 1 figure and 2 tables.

ASSOCIATION: Magnitogorskiy Metallurgicheskiy Kombinat
(Magnitogorsk Metallurgical Combine)

Card 2/2

BRUMBERG, Ye.M.; BARSKIY, I.Ya.; KONDRAT'YEVA, T.M.; CHERNOGRYADSKAYA, N.A.;
SHUDEL', M.S.

Ultraviolet fluorescence microscopy of formed elements of the marrow
and peripheral blood. Dokl. AN SSSR 135 no.6:1521-1524 D '60.
(MIRA 13:12)

1. Institut tsitologii Akademii nauk SSSR. Predstavleno akademikom
A.N. Tereninym.
(MARROW) (BLOOD CELLS) (FLUORESCENCE MICROSCOPY)

CHERNOGRYADSKAYA, N. A. and SHUDEL, M. S.

"The Problem of Ultraviolet Fluorescence of the Paranuclear Bodies of Spermatids of Some Locusts." pp. 84

Institute of Cytology AS USSR Laboratory of Microscopy

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tezisy Dokladov (Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634

CHERNOGRYADSKAYA, N. A., BARSKIY, I. YA., BRUMBERG, E. M., and
SHUDEL, M. S. (USSR)

"Ultraviolet Fluorescence Microscopy of Bone Marrow and Peripheral
Blood Cells."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

BRUMBERG, Ye.M.; BARSKIY, I.Ya.; CHERNOGRYADSKAYA, N.A.; SHUDEL', M.S.

Nature of the ultraviolet fluorescence of cells. Dokl. AN SSSR
150 no.6:1356-1358 Je '63. (MIRA 16:8)

1. Institut tsitologii AN SSSR. Predstavleno akademikom A.I.
Oparinyam.

(BIOLUMINESCENCE) (CELLS)

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Ultraviolet fluorescence microscopy. Izv. AN SSSR, Ser. biol.
28, no. 1: 87-90 Ja-F'63. (MIRA 16:8)

1. Institute of Cytology, Academy of Sciences of the U.S.S.R.,
Leningrad.

(FLUORESCENCE MICROSCOPY)

CHERNOGRYADSKAYA, N. A.; BRUMBERG, Ye. M.; BRESLER, V. M.; PILSHCHIK, Ye. M.; SHUDEL', M.S.;
KUDRYAVTSEVA, M. V.; ASTASHINA, T. P.

"Some data on the inherent ultra-violet fluorescence of mitochondria of living cells."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt, 16-21 Aug 64.

AS USSR

Lab Microscopy, Inst of Cytology, /Prospekt Makslina, Leningrad, F-121.

SHUDEL', M.S.; CHERNOGRAYDSKAYA, N.A.; BRUMBERG, V.A.; ROZANOV, Yu.M.;
BRUMBERG, Ye.M.

Effect of some metabolic poisons of the respiratory chain on the
ultraviolet fluorescence of cells. Dokl. AN SSSR 157 no. 2:447-
450 J1 '64. (MIRA 17:7)

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Oparinym.

ALEKSANDROV, V.Ya., prof.; BRODSKIY, V.Ya.; BRONSHTEYN, A.A.;
BRUMBERG, Ye.M.; VAKHTIN, Yu.B.; VIHNIKOV, Ya.A.;
GAYTSKHOKI, V.S.; GOROSHCHENKO, Yu.L.; GULYAYEV, V.A.;
ZHINKIN, L.N.; ZAVARZIN, A.A.; ZALKIND, S.Ya.; ZBARSKIY,
I.B.; KATSNEL'SON, Z.S.; KOMISSARCHIK, Ya.Yu.; LEVIN, S.V.;
MARAKHOVA, I.I.; MASHANSKIY, V.F.; MOSEVICH, T.N.; NIKOL'SKIY,
N.N.; PESHKOV, M.A.; POLENOV, A.A.; POLYANSKIY, Yu.I.;
ROZENTAL', D.L.; RUMYANTSEV, P.P.; TITOVA, L.K.; FEDIN, L.A.;
KHEYSIN, Ye.M.; CHERNOGRYADSKAYA, N.A.; TROSHIN, A.S., otv.
red.; MEYSEL', M.N., red.; MIKHAYLOV, V.P., red.; NEYFAKH,
S.A., red.; PARIBOK, V.P., red.; POLYANSKIY, Yu.I., red.;
RAYKOV, I.B., red.

[Manual on cytology in two volumes] Rukovodstvo po tsitologii v
dvukh tomakh. Moskva, Nauka. Vol.1. 1965. 571 p.
(MIRA 18:2)

1. Akademiya nauk SSSR, Institut tsitologii.

BRESLER, V.M.; BRUMBERG, Ye.M.; KUDRYAVTSEVA, M.V.; PIL'SHCHIK, Ye.M.;
CHERNOGRYADSKAYA, N.A.; SHUDEL', M.S.

Effect of carcinogenic and noncarcinogenic aminoazo compounds
on the ultraviolet and blue fluorescence of tadpole liver
cells. *Biul. eksp. biol. i med.* 59-no. 5:89-92 '65.

(MIRA 18:11)

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korrespondent AN SSSR prof. A.S. Treshin) AN SSSR, Leningrad.
Submitted January 18, 1964.

(N)

L 9429-66

ACC NR: AP5026284

SOURCE CODE: UR/0229/65/000/009/0061/0062

AUTHOR: Chernoguz, D. A. 5

24
B

ORG: none

TITLE: All weather rescue launch 5

SOURCE: Sudostroyeniye, no. 9, 1965, 61-62

TOPIC TAGS: auxiliary ship, recovery ship, shipbuilding engineering, marine engineering

ABSTRACT: A description is given of a rescue launch developed by the Construction Bureau of the Ministry of the Shipbuilding Industry of the SSSR. The craft is designed for use with larger rescue ships, and can be used in any sea condition. Some dimensions of the craft are: maximum length 8.5 m, maximum width 2.5 m, deck height 1.25 m, loaded displacement (with crew) 5.3 tons, speed 7 knots. The launch is equipped with a complement of devices designed for rescuing people (including the unconscious) from the water. It can accommodate twenty survivors and a crew of four. Some of the rescue devices used with the launch are described. The hull is made of glass reinforced plastic with a built-in bracing system

Card 1/2

UDC: 629.125.5
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ACG NR: AP5026284

designed for heavy duty. The craft is powered by a 23-hp 4ChSP8 diesel engine, and is arranged so the control of the craft is executed from the wheelhouse. A small radio station on the craft allows reliable two-way communication over a 12- to 15-mile distance. Parachute flare rockets, smoke generators, and other signalling devices are standard equipment. Special construction is featured for protecting people in the water from being injured by the launch propellers. Tests verified the seaworthiness and maneuverability of the craft, and several of the launches are presently under construction. Orig. art. has: 1 photo.

SUB CODE: 13/

SUBM DATE: none

Card 2/3

CHERNOGUZ, S.S.

Work practices at the Bryansk Central Coal Preparation Plant. 'gol'
35 no.9:53 S '60. (MIRA 13:10)

1. Upravlyayushchiy trestom Ugleobogashcheniye Luganskogo sovnarkhoza.
(Bryansk--Coal preparation plants)

USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64808.

Author : Chernogryadskaya, N. A., Fishkin, V. I.

Inst : Not given.

Title : Morphological Changes in the Nerve Fibers and
Their Endings in the Somatic Musculature Athetosis.

Orig Pub: Arkhiv patologii, 1957, 19, No 6, 29-35.

Abstract: A histological study was made of 43 muscles of
13 patients having athetosis and 7 having spastic
hyperkinesis and hemiathetosis. In intramuscular
nerve trunks, varicose thickenings and vacuoliz-
ation of the nerve fibers were shown. In the
motor nerve endings thickening and hardening of
the terminal nerve branches, the "phenomenon
of the spheres", and more rarely "neuromas of

Card 1/2