

GORYAYEV, M.I.; BAZALITSKAYA, V.S.

Essential oil of *Artemisia kaschgarica* H.Krasch. Zhur.prikl.khim.
35 no.6:1360-1364 Je '62. (MIRA 15:7)
(Essences and essential oils)

GORAYEV, M.I., akademik; TOLSTIKOV, G.A.; IGNATOVA, L.A.; DUMBITSKIY,
A.D.

Natural β -cedrene. Dokl. AN SSSR 146 no.6:1331-1332 0 '62.
(MIRA 15:10)
1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazZZR (for
Goryayev).
(Cedrene)

POPLAVSKAYA, I. A.; GORYAYEV, M. I.

Synthesis of α -N,N-di(2-chloroethyl) amino- α -isonitroso-
acetone hydrochloride. Zhur. ob. khim. 33 no.1:295-296 '63.
(MIRA 16:1)

(Acetone) (Nitroso compounds)

GORYAYEV, M. I.; SHARIPOVA, F. S.

Study of the constituents of essential oils. Part 1: Oxidation of allearomadendrene by perbenzoic acid and its bromination. Zhur. ob. khim. 33 no.1:299-303 '63.

(MIRA 16:1)

1. Institut khimii AN Kazakhskoy SSR.

(Allearomadendrene) (Peroxybenzoic acid)
(Bromination)

TOLSTIKOV, G.A.; LISHTVANOVA, L.N.; GORAYEV, M.I.

Study of chemical constituents of essential oils. Part 6:
Hydration of sabinene. Zhur.ob.khim. 33 no.2:683-687 F '63.
(MIRA 16:2)

1. Institut khimicheskikh nauk AN Kazakhskoy SSR.
(Essences and essential oils) (Thujene) (Hydration)

GORIYAYEV, M.I.; TOLSTIKOV, G.A.

Study of the constituents of essential oils. Part 5:
Addition of alcohols to sabinene. Zhur.ob.khim. 33
no.3:1031-1037 Mr '63. (MIRA 16:3)

1. Institut khimicheskikh nauk AN Kazakhskey SSR.
(Alcohols) (Terpene)

GORAYEV, M.I.; BAZALITSKAYA, V.S.; LISHTVANOVA, L.N.

Terpene fraction of the essential oil from *Artemisia absinthium*.
Zhur.prikl.khim. 35 no.12:2799-2802 D '62. (MIRA 16:5)
(*Artemisia*) (Essences and essential oils) (Terpenes)

GORYAYEV, M.I.; TRET'YAKOV, L.I.; PUGACHEV, M.G.

Amino acid composition of fodder yeasts obtained by low frequency
vibration. Izv.AN Kazakh SSR. Ser.tekh.i khim.nauk. 1963. 1:21-27
'63. (MIKA 1/3)

GORYAYEV, M.I.; SERKEBAYEVA, T.Ye.; BAZALITSKAYA, V.S.

Investigating the *Peroskia abrotanoides* (sesquiterpene part)
essential oil. Izv. AN Kazakh. SSR. Ser. tekhn. i khim. nauk
no.2:4-7 '63. (MIRA 17:2)

DZHALILOV, D.R.; SAZONOVA, R.N.; GORYAYEV, M.I.

Separation of alkaloids on cellulose powder. Aptech. delo 12
no.3: 34-36 My-Je'63 (MIRA 17:2)

LISHTVANOVA, L.N.; GORYAYEV, M.I.

Gas-liquid chromatography of the products of the camphor industry.
Gidroliz i lesokhim. prom. 16 no.5:18-19 '63. (MIRA 17:2)

1. Institut khimicheskikh nauk AN KazSSR.

POPLAVSKAYA, I.A.; GORYAYEV, M.I.

Synthesis of 2,2-dimethyl-3- α -N-di(2-chloroethyl)aminoethyl
cyclobutylacetic acid hydrochloride. Zhur. ob. khim. 33 no.5:
1492-1495 My '63. (MIRA 1616)

(Acetic acid) (Pinene)

POPLAVSKAYA, I.A.; GORYAYEV, M.I.

Synthesis of 2,2,3-trimethyl- β -N,N-di(2-chloroethyl) amino-
ethyl-3-cyclopentene hydrochloride. Zhur. ob. khim. 33 no.5:
1495-1496 My '63. (MIRA 16:6)
(Cyclopentene) (Pinene)

TOLSTIKOV, G.A.; GORYAYEV, M.I.

Study of substances, constituents of etherial oils. Part 7:
Addition of carbon tetrachloride to sabinene. Zhur.ob.khim. 33
no.6:2061-2065 Je '63. (MIRA 16:7)

1. Institut khimicheskikh nauk AN Kazakhskoy SSR.
(Thujene) (Carbon tetrachloride)

GORAYAYEV, M.I.; YURINA, R.A.

Investigating the terpene fraction of the etherial oil from
licorice (*Glycyrrhiza triphilla* Fisch et Mey). Zhur. prikl.
khim. 36 no.5:1112-1116 My '63. (MIRA 16:8)

(Terpenes) (Essences and essential oils) (Licorice)

IBRAYEV, G.Zh.; GORYAYEV, M.I.; KARAGUYSHIYEVA, D.; YAKOVLEVA, Z.M.;
KIM, G.S.

Using plant waste hydrolysates in culturing nitrogen-fixing
bacteria. Vest. AN Kazakh. SSR 20 no.6:3-8 Je '64
(MIRA 18:1)

DZHALILOV, D.R.; GORYAYEV, M.I.; KRUGLYKHINA, G.K.

Investigating the alkaloids from the plants of *Berberis iliensis*
of the Berberidaceae family. Report No.1. Izv. AN Kazakh. SSR.
Ser.tekh. i khim.nauk no.3:15-19 '64. (MIRA 17:2)

SATDAROVA, E.I.; GORYAYEV, M.I.; ZABOTINA, A.P.; ALIBAYEVA, Kh.A.; DZHALI-
LOV, D.R.

Isomerization of pseudoephedrine into ephedrine. Report No.2: Pos-
sible yields of pseudoephedrine and ephedrine from the isomeriza-
tion reaction. Investigating the by-products of isomerization with
the chromatography method. Izv. AN Kazakh. SSR. Ser.tekh. i khim.
nauk no.3:20-27 '64. (MIRA 17:2)

GORYAYEV, M.I.; PUGACHEV, M.G.; SOBINEVSKAYA, K.K.

Polarographic method for the determination of furfurole in
hydrogenation products. Izv. AN Kazakh. SSR. Ser. khim.
nauk 14 no.1:91-94 Ja-Mr '64. (MIRA 18:3)

LISHTVANOVA, L.N.; GORYAYEV, M.I.

Gas-liquid chromatography of the products of camphor manufacture.
Gidroliz. i lesokhim. prom. 17 no.7:19-22 '64.

(MIRA 17:11)

1. Institut khimicheskikh nauk AN KazSSR.

TOLSTIKOV, G.A.; GORYAYEV, H.I.; TOLSTIKOVA, L.F.; KIM KYA OK

Preparation of pyrazoles of glycyrrhetic and oleanolic acids.
Zhur. ob. Khim. 32 no.9:3133-3134 S '64.

(MIRA 17:11)

i. Institut Khimicheskikh nauk AN Kazakhskoy SSR, laboratorii
v g. Chimkente.

GORYAYEV, M.I.; SHARIPOVA, F.S.

Substances present in the composition of essential oils. Part 8:
Condensation of alloaromadandrene with diazoacetic ester. Zhur.
ob. khim. 34 no.10:3422-3424 0 '64. (MIRA 17:11)

SHABALINA, V.I.; DEMBITSKIY, A.D.; GORYAYEV, M.I.

Isomerization of d-sabinene to l- α -thujene. Zhur. ob. khim.
34 no.11:3855 N '64 (MIRA 18:1)

1. Institut khimicheskikh nauk AN Kazakhskoy SSR.

IGNATOVA, L.A.; TOLSTIKOV, G.A.; LISHTVANOVA, L.N.; GORYAYEV, M.I.

Chemical composition of essential oil from *Juniperus semiglobosa* Rgl.
Zhur. prikl. khim. 37 no.6:1389-1391 Je '64.

(MIRA 18:3)

TOLSTIKOV, G.A.; IGNATOVA, I.A.; GORYAYEV, M.I.

Synthesizing β -cedrene. Zhur. prikl. khim. 37 no.12:2771-2772
D '64. (MIRA 18:3)

GORAYEV, M.I.; GIMADDINOV, Zh.K.

Reduction of thujones by aluminum isopropylate (Meerwein-Ponndorf
reduction). Zhur. prikl. khim. 38 no.1:213-214 Ja '65.

(MIRA 18:3)

GORYAYEV, M.I., akademik; GIMADDINOV, Zh.K.

Study of substances entering the composition of essential oils; correlation between stereoisomeric thujones in essential oils of wormwood. Dokl. AN SSSR 156 no.6:1459-1460 Je '64.

(MIRA 17:8)

1. Institut khimicheskikh nauk AN Kazakhskoy SSR. 2. Akademiya nauk Kazakhskoy SSR (for Goryayev).

GORYAYEV, M.I., akademik; SHABALINA, V.I.; DEMBITSKIY, A.D.

Acid isomerization of ~~sabinene~~. Dokl. AN SSSR 158 no.1:155-156
S-O '64 (MIRA 17:8)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazSSR
(for Goryayev).

GORYAYEV, M.I.; PUGACHEV, M.G.; TRET'YAKOV, L.I.; POPOV, A.P.; KORNILOVA,
G.P.; IBRAYEV, G.Zh.; TUREBEKOV, Sh.S.; SAKMAN, N.E.

Preparation of fodder yeasts from molasses waste of the Dzhambul
Alcohol and Vodka Combine. Izv. AN Kazakh. SSR.Ser.khim.nauk 15
no.2:77-82 Ap-Je '65. (MIRA 18:9)

L 10321-66 EWT(m)/EWP(j)/T DJ/RM

ACC NR: AP6000099

SOURCE CODE: UR/0360/65/000/002/0083/0086

AUTHOR: Goryayev, M. I.; Mirfaizov, Kh. M.; Saraykina, V. K.

28
B

ORG: None

TITLE: Method of obtaining furfural by rapid dehydration of pentose hydrolyzates in a medium of high-boiling oils

SOURCE: AN KazSSR. Izvestiya. Seriya Khimicheskikh nauk, no. 2, 1965, 83-86

TOPIC TAGS: furfural, pentose, transformer oil, silicone lubricant

ABSTRACT: Furfural is formed by the dehydration of pentoses and uronic acids. The authors produced furfural by an accelerated dehydration of pentose hydrolyzates obtained at the Chimkent Hydrolysis Plant (Chimkentnyy gidroliznyy zavod). The reaction was carried out in transformer or silicone oil in a stream of carbon dioxide. The results showed that the yield of furfural obtained was high (51 to 70% of theoretical). In the proposed dehydration method, use may be made of pentose hydrolyzates containing up to 10--11% pentose sugars. Condensates with high furfural concentrations are obtained by dehydrating pentose hydrolyzates with a relatively high content of pentose sugars. Orig. art. has: 1 figure and 1 table.

SUB CODE: 07, 11 / SUBM DATE: 09Jan64 / ORIG REF: 002

Card 1

GORYAYEV M.I.; MIRFAIZOV, Kh.M.; SARAYKINA, V.K.

Obtaining furfurole by means of the dehydration of pentose hydrolyzates on a hot surface. *Gidroliz. i lesokhim.prom.* 18 no.4:3-4 '65. (MIRA 18:6)

1. Institut khimicheskikh nauk AN KazSSR.

GORAYEV, M.I., akademik; LISHTVANOVA, L.N., kand.khimich.nauk; LANGE, N.R.

Quantitative determination of anabasine by gas-liquid chromatography.
Vest. AN Kazakh. SSR 21 no.7:28-31 J1 '65.

(MIRA 18:8)

1. Akademiya nauk Kazakhskoy SSR (for Goryayev).

GORAYEV, M.I.; IGNATOVA, L.A.; TOLSTIKOV, G.A.; DEMBITSKIY, A.D.

Chemicals constituents of essential oils. Part 13: Hydrogenation of 4-terpinenol and the synthesis of some amino derivatives of p-menthane. Zhur. ob. khim. 35 no.7:1186-1190 J1 '65.
(MIRA 18:8)

1. Institut khimii AN KazSSR.

SHABALINA, V.I.; GORYAYEV, M.I.; DEMBITSKIY, A.D.

Study of the constituents of essential oils. Part 20:
Isomerization transformations of d-sabinene under the
effect of the KU-1 cation exchanger and metatitanic acid.
Khim.prirod.soed. no.4:247-250 '65.

(MIRA 19:1)

1. Institut khimicheskikh nauk AN KazSSR. Submitted
February 17, 1964.

GRATSIANSKAYA, L.P.; LISHTVANOVA, L.N.; GORYAYEV, M.I.

Quantitative determination of polymeric substances by means of
gas-liquid chromatography according to the internal standard,
Izv. AN Kazakh. SSR. Ser. khim. nauk 15 no.1:86-88 Ja-Mr '65.
(MIRA 18:12)

1. Submitted Nov. 11, 1964.

GORYAYEV, M.I.; PUGACHEV, M.G.; TUREBKOV, Sh.S.; TRET'YAKOV, L.I.;
TURSUMTOVA, F.U.

Effect of growth-promoting substances from petroleum on the
growth of fodder yeasts. Izv. AN Kazakh. SSR. Ser. khim. nauk
15 no.1:89-93 Ja-Mr '65. (MIRA 18:12)

1. Submitted May 9, 1964.

DZHALILOV, D.R.; SHUMOV, I.P.; GORYAYEV, M.I.

Polarographic determination of santonin in the wormwood
Artemisia cina. Apt. delo 14 no.1:36-38 Ja-F '65.

(MIRA 18:10)

1. Samarkandskiy sel'skokhozyaystvennyy institut imeni
Kuybysheva.

GORIAYEV, M.I.; DEMBITSKIY, A.D.; SHABOLINA, V.I.

Increasing the efficiency of columns in preparative gas-liquid chromatography. Izv. AN Kazakh.SSR, Ser.khim.nauk 15 no.3:84-85 J1-Ag '65. (MIRA 18:11)

1. Submitted February 27, 1965.

GOBYAYEV, M.I.; YURINA, R.A.; DEMBITSKIY, A.D.

Study of the high-boiling part of the essential oil from
Glycyrrhiza triphilla Fisch et Mey. Zhur.prikl.khim. 38
no.11:2622-2624 N '65. (MIRA 18:22)

1. Submitted October 28, 1963.

ACC NR: AP7005617 (A, N) SOURCE CODE: UR/0413/67/000/C02/0057/0057
INVENTOR: Ostashchenko, A. V.; Melovtsov, A. A.; Goryaystov, V. P.; Lyashko, V. V.;
Fridman, L. I.; Rivlin, M. I.

ORG: None

TITLE: An open-pole synchronous machine. Class 21, No. 190462

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 57

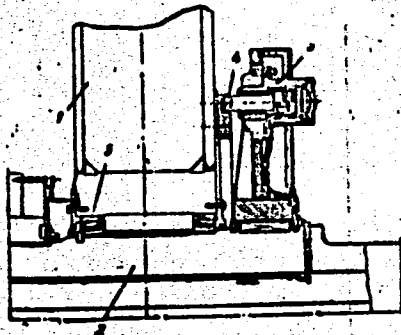
TOPIC TAGS: electric generator, electric protection equipment, hydraulic equipment,
automatic control equipment

ABSTRACT: This Author's Certificate introduces: 1. An open-pole synchronous machine, e. g. a hydraulic generator, containing a device for anti-acceleration protection of the rotor by disengagement from the shaft of the drive unit when the permissible rotational velocity is exceeded. Design is simplified by making this device in the form of a system of hydraulic cylinders located around the circumference of the rotor shaft and rigidly connected to it. The cylinder rods are linked to the rotor under operating conditions and serve as disengaging elements. Bearings are used for coupling the rotor to the shaft. 2. A modification of this machine in which a slide valve with an electromagnetic drive is used for controlling the hydraulic cylinders. The pulse which operates this drive is fed from a speed relay.

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UDC: 621.313.322.044.3-783.5

ACC NR: AP7005617



1—rotor; 2—rotor shaft; 3—hydraulic cylinders; 4—cylinder rods; 5—bearings

SUB CODE: 09/ SUBM DATE: 21Dec63

Card 2/2

SYKULSKA, Zofia; GORYCKA, Maria

**Stability of injectable solutions of morphine hydrochloride
sealed under inert gas. Acta Pol. pharm. 22 no. 2:133-139 '65.**

**1. z Katedry Farmacji Stożwanej Akademii Medycznej w Łodzi
(Kierownik: prof. dr. F. Modrzejewski).**

GRINSHTEYN, A.M., professor; BRAGINA, N.N.; GORYD, V.S.

Methods of studying vasomotor innervation in clinical conditions.
Klin.med. 32 no.9:13-18 s '54. (MIRA 7:12)

1. Iz kafedry nervnykh bolezney (sav. deystvitel'nyy chlen AMN SSSR
prof. A.M.Grinshteyn) Lechebnogo fakul'teta II Moskovskogo meditsin-
skogo instituta imeni I.V.Stalina. 2. Deystvitel'nyy chlen AMN SSSR
(CARDIOVASCULAR SYSTEM, innervation, (for Grinshteyn)
vasomotor nerves, technic of clin. investigation)

L 20329-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1)
AMS013204

BOOK EXPLOITATION

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621.398

Raynes, Roman Lazarevich; Goryeinov, Oleg Aleksandrovich

Remote control (Telsupraveniye) 2d ed., rev. Moscow, Izd-vo "Energiya", 1965. 535 p.
illus., biblio. 15,000 copies printed

12
BT1 11

TOPIC TACS: remote control system, remote signalling system, information theory, coding, remote control, signal separation, multichannel remote control system, remote control equipment, pulse generator, distribution unit, decoding unit, coding unit, trigger unit, telemechanics

PURPOSE AND COVERAGE: This book is intended for specialists in the field of designing, construction, and operation of remote control and telemechanical equipment, as well as for students at schools of higher education taking related courses. The book contains information on the main elements and units of remote control equipment and also on industrial remote control devices. The principles of message coding and the fundamentals of information theory are discussed. The authors express their gratitude to the reviewer, Candidate of Technical Sciences N. D. Soukhoprudskiy and the editor, Candidate of Technical Sciences A. N. Yurasov. The introduction, Chapters 1-4, 6 (except for § 6-4, b and § 6-7, a and b), 7 (except for § 7-3, d), 9, 10 and 8, § 8-1, 8-2, 8-6-8-9 were written by R. L. Raynes, § 6-4, b, § 6-7,

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L 20329-66

AM5013204

a and b, and § 8-3-8-5, by O. A. Goryaninov, and Chapter 5, by Candidate of Technical Sciences V. A. Zhozhikashvili.

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NO REF SOV: 103

OTHER: 007

Card 717 *50*

I. 24550-66 EWT(m)/T DJ

ACC NR: AP6006310

(A)

SOURCE CODE: UR/0413/66/000/002/0020/0021

AUTHORS: Gor'yev, A. S.; Ivanov, V. M.; Yastreb, Ye. F.

ORG: none

TITLE: A device for regulating the flow rate of a mixture of components. Class 12, No. 1773,2

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 20-21

TOPIC TAGS: flow regulator, flow control

ABSTRACT: This Author Certificate presents a device for regulating the flow rate of a mixture of components, for example, the flow rate resulting with the mixing of a bulk carrier substance with a pigment. The device includes a slave hydraulic drive connected with a system of oil lines. These oil lines are fitted with a safety valve and a pump. The device also has an oil tank (see Fig. 1). The design maintains the homology of the mixture flow rate at a rigid ratio of the components. A chamber with a membrane is established in the mixture pipeline. The membrane interacts with a separating chamber the shaft of which is connected with a throttle valve mounted in the oil line between the slave hydraulic drive and the oil tank.

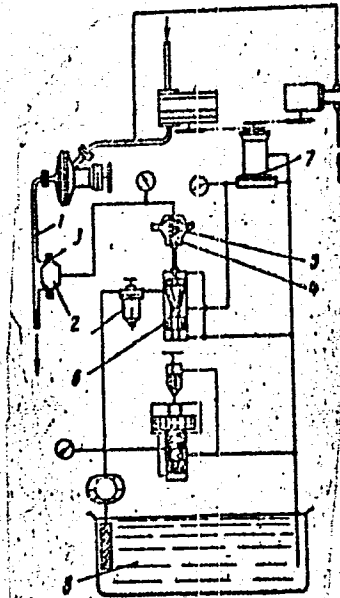
Card 1/2

UDC: 621.646.3.002.612.3

L 24550-66

ACC NR: AP6006310

Fig. 1. 1 - pipeline; 2 - chamber; 3 - membrane;
4 - separating chamber; 5 - shaft;
6 - throttle valve; 7 - slave hydraulic
drive; 8 - oil tank.



Orig. art. has: 1 figure.

SUB CODE: 13, 14/ SUBM DATE: 30Mar64

Card 2/2 11/05

GORIEVA, A.E.

Functional changes in the receptors of the dog bladder during the development of induced tumors. Fiziol. zhur. [Ukr.] 6 no.3:391-399 My-Je '60. (MIRA 13:7)

1. Kiyevskiy rentgeno-radiologicheskiy i onkologicheskiy institut, laboratoriya eksperimental'noy onkologii i Institut fiziologii im. A.A.Bogomol'tsa AN USSR, laboratoriya kompensirovannykh i zashchitnykh funktsiy.

(BLADDER--TUMORS)

(BLADDER--INNERVATION)

GORYEVA A YC

S/185/62/007/005/007/013
D407/D301

AUTHORS: Nikitina, O.I., Hudyryna, L.L., Horyeva, A.E., and Ivanova, N.K.

TITLE: Effect of supplementary-electrode material on the composition of the vapor phase in the spectral analysis of ferrous metals

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 7, no. 5, 1962, 523 - 528

TEXT: The composition of iron alloys in the vapor phase and the intensity of the analytic lines were studied as a function of the material of the supplementary electrode. The investigation had 2 objects: a) Determination of the composition of the vapor phase by the colorimetric method of analysis of condensates. b) Determination of line intensity by the method of linear absorption. The ternary alloys Fe-Cr-Ni and Fe-Cr-W were investigated, as well as commercial alloys. The supplementary electrode was made of rods of the same material as the investigated alloy, or of copper, carbon and aluminum. It was established that the material of the supplementary electrode

Card 1/3

Effect of supplementary-electrode ...

S/185/62/007/005/007/013
D407/D301

affects the rate of entry of the elements into the vapor phase and the discharge temperature, thereby affecting the absolute intensity of the spectral lines. The rate of entry increases if the supplementary electrodes are replaced in the following order: Carbon, copper, self-electrode. The curves Cr-line intensity versus concentration undergo a parallel shift on replacing the electrodes; whereas the corresponding curves for Ni and W are shifted at an angle. The rate of entry of the elements is related to the physical and chemical properties of the alloy and of the electrode. The temperature of the discharge cloud changes as follows (depending on the type of supplementary electrode): $T_{\text{carbon}} > T_{\text{self}} > T_{\text{copper}} > T_{\text{alum}}$. The intensity of the spectral lines of Ni changes in a greater measure than that of Cr, if the electrodes are replaced. The ratio of the concentration of the alloying element to that of iron in the vapor phase, remains practically unchanged (as compared to the solid phase) if carbon and self-electrodes are used, and varies somewhat if copper electrodes are used. The graduation curves undergo a parallel shift if this ratio changes. In conclusion, In order to determine the concentration of elements in the investigated alloys, spark analysis

Card 2/3

Effect of supplementary-electrode ...

S/185/62/007/005/007/013
D407/D301

with self-electrodes should be conducted, and analytic lines with low absorption at the source should be used. There are 4 figures and 2 Soviet-bloc references.

ASSOCIATION: Ukrayins'kyy naukovo-doslidnyy instytut metaliv (Ukrainian Scientific Research Institute of Metals) Kharkiv

SUBMITTED: January 4, 1962

Card 3/3

L 43188-65 EPF(c)/EPR/EWT(1)/EWT(m)/EWG(m) Pr-4/Pg-4 RPL WW/JW

ACCESSION NR: AP5009777

UR/0170/65/006/003/0396/0400

AUTHORS: Kessel'man, F. M.; Gorykin, S. F.

TITLE: On thermodynamic similarity between nitrogen, oxygen, and air

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 3, 1965, 396-400

TOPIC TAGS: nitrogen, oxygen, equation of state, compressibility factor, thermodynamics 71

ABSTRACT: Experimental data on oxygen compressibility is unavailable for 1500×10^5 newtons/m² pressures and 170-1000° K temperatures. It is shown here that, because of thermodynamic similarity between nitrogen and oxygen, oxygen data can be obtained from the law of corresponding states. Introducing a pseudo-critical density for air, $d = 0.3392$ g/cm³, a large body of experimental data on air compressibility is successfully correlated with that of oxygen and of nitrogen. It is thus shown that the law of corresponding states holds for all three gases over a wide range of temperature and pressure. The thermodynamic data of air, obtained in this manner, are found to be in good agreement with other existing data, proving that the oxygen data obtained by thermodynamic similarity are reliable. Orig. art. has: 5 tables, 2 figures, and 1 formula.

Card 1/2

L 43188-65

ACCESSION NR: AP5009777

ASSOCIATION: Tekhnologicheskii institut im. M.V.Lomonosova g. Odessa (Odessa
Technical Institute)

SUBMITTED: 01Jun64

ENCL: 00

SUB COM: IC, TD

NO REF SOV: 004

OTHER: 002

B 5 B

Card 2/2

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants.
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24862

Author : Goryna, Ye. D.
Inst : Belorussian Scientific-Research Institute of
Agriculture.
Title : An Efficient Method to Increase the Yield of
Buckwheat.
Orig Pub : Sel'skaya gaspadarka Belarusi, 1958, No. 5, 19

Abstract : Data of the Belorussian Scientific-Research In-
stitute of Agriculture on the study of mixed so-
wings of various varieties of buckwheat. By so-
wing a mixture of varieties, larger harvests
were obtained than by pure sowings of the same
varieties. The best mixture of the varieties
Tserakhoy and Bogatyr'.

Card : 1/1

53

137-58-1-1714

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 232 (USSR)

AUTHOR: Gorynin, I. V.

TITLE: Effect of Work-hardening on the Tendency of Low Alloy Steel to Embrittlement (Vliyaniye naklepa na sklonnost' k khrupkosti nizkouglerodistoy stali)

PERIODICAL: V sb.: Metallovedeniye. Leningrad, Sudpromgiz, 1957, pp 145-154

ABSTRACT: An investigation performed with steel containing 0.15% C showed that, as the degree of preliminary work-hardening increased, the critical temperature of embrittlement (T_e) first showed a rapid rise, then remained stationary, and finally diminished when deformation was considerable (50%). The author believes that data presented in certain studies on the increase of the T_e of notched specimens resulting from work-hardening pertain to special cases occurring at low and medium levels of work-hardening. The diminution of T_e of highly work-hardened steel is explained by an increase in the fracture strength due to shot peening and to the disorientation of the mosaic blocks. Preliminary deformation has a

Card 1/2

137-58-1-1714

Effect of Work-hardening on the (cont.)

more significant effect in reducing the embrittlement of steels of coarse granular structure. As the preliminary plastic deformation is increased, there is a reduction in the work going into the development of cracks within the notch on the specimen and of the work going to develop cracks to the point of complete failure. Therefore, high levels of plastic deformation are not permissible for critical structures, unless subsequent heat treatment is employed.

Ya. P.

1. Steel--Heat treatment 2. Steel--Deformation 3. Steel--Brittleness

Card 2/2

GORYNIN, I.V.

137-58-2-4060

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 256 (USSR)

AUTHOR: Gorynin, I.V.

TITLE: The Effect of Tempering on the Embrittlement of Cold-worked Low-carbon Steel (Vliyaniye otpuska na sklonnost' k khrupkosti kholodno-deformirovannoy nizkouglerodistoy stali)

PERIODICAL: V sb.: Metallovedeniye. Leningrad, Sudpromgiz, 1957, pp 155-161

ABSTRACT: An investigation was made of the influence of the degree of cold deformation and of subsequent tempering on the critical embrittlement temperature (T_{br}) of steel St. 3. The influence of the extent of deformation on the recrystallization temperature of the steel was determined first by X-ray analysis. It was found that, when cold-worked steel St. 3 (with a degree of cold hardening of 25 percent and higher) was heated to the recrystallization temperature, the T_{br} value shifted significantly in the direction of sub-freezing temperatures. When the tempering temperature was increased further, T_{br} went up. Cold hardening can be used to reduce the embrittlement tendency of coarse-grained steel.

Card 1/2

137-58-2-4060

The Effect of Tempering on the Embrittlement of Cold-worked Low-carbon Steel

When a steel with a 52.6 percent reduction and subsequent annealing was drawn into wire and then tempered at 600°C, T_{br} dropped 130° (from 60 to -70°).

Tempering cold-worked steel sharply increased the energy expended in accomplishing the bending rupture of notched test bars, especially the energy expended to bend a bar up to the appearance of cracking at the base of the notch. The energy required to break a bar increased most markedly after the bar had been tempered at temperatures at which recrystallization begins.

N.K.

1. ~~Steel—Embrittlement—Effects of tempering~~

Card 2/2

SOV/137-59-7-15768

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 7, p 225 (USSR)

AUTHOR: Gorynin, I.V.

TITLE: Comparative Investigation Into the Effect of Tempering and Cold-Hardening on Physical and Mechanical Properties of Low Carbon Steel

PERIODICAL: V sb.: Metallovedeniye, 2. Leningrad, Sudpromgiz, 1958, pp 230 - 240

ABSTRACT: Investigations were carried out into the effect of tempering, annealing and mechanical cold hardening and annealing on mechanical properties (σ_b , σ_s , δ), uniform and concentrated deformation and critical brittleness temperature of "St3" and "12Kh2N3MA" steel grades. Steel specimens were tempered at 900°C in 15% NaOH solution and 5°C temperature. Hardening was carried out by cold rolling with 50% deformation. Annealing was carried out at 200 - 700°C. It was stated that tempering of "St3" and "12Kh2N3MA" steels caused a similar increase of σ_s as mechanical hardening; however, softening in annealing of tempered steel was less intensive than in the case of cold hardened steel. Higher concentrated deformation in

Card 1/2



SOV/137-59-7-15768

Comparative Investigation Into the Effect of Tempering and Cold-Hardening on Physical and Mechanical Properties of Low Carbon Steel

annealing the tempered steel occurred at a lower temperature than in the case of the cold-hardened steel. Tempering and mechanical hardening reduced considerably critical brittleness temperature (by 30 - 70°C). 16 bibliographic titles.

T.F.



Card 2/2

25(1) PHASE I BOOK EXPLOITATION 30V/2050

Sverka sbornik statey, (typ) 1 (Welding), Collection of Articles, Sr. 1) Leningrad, Sudpromiz, 1958. 246 p. 5,000 copies printed.

Red. Ed.: G. I. Kayriza, Candidate of Technical Sciences; Ed.: I. A. Zhitomirskaya; Tech. Ed.: K. M. Volchok.

PURPOSE: This collection of articles is intended for use in research institutes, institutes of higher learning, design offices, and plants.

COVERAGE: These technical papers deal with the results of research in welding technology. The main purpose of this work was to investigate the effects of various welding regimes and heat treatments on the mechanical properties of welds of austenitic and ferritic composition. A number of experiments also dealt with the welding properties and weldability of titanium-base alloys and a number of nonferrous metals. One of the objects of the research was to establish the relationship between the geometry of the weld seams and its physical properties. The crystallization of the weld, its mechanical properties, and the various factors affecting the grain structure of the metal were studied by a number of scientists. Of special practical interest is the study of the behavior of a welded structure in which the elasticity of the material and of the welded joint are not within the same range. The connections used to experiment with another process which presents many difficulties in welding is the behavior and changes in the heat-affected zone next to the welded joint. One of the papers deals with experiments and the technique used in electroslag welding, which is regarded as one of the major advances in modern welding technology. Several papers deal with welding techniques of nonferrous alloys and with the use of special fluxes for this work. Most of the papers are profusely illustrated with graphs, diagrams, and photographs. References are given after each article.

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Chochalin, B. B., Candidate of Technical Sciences, and V. I. Syzhnevskiy, Engineer. Study of Fatigue Strength of Welded Titanium Joints	156
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KOBYASHCHENKO, I. K., KUSRAGH, D. O., STEPANOVA, N. P., BABOVA, G. I.,
SALANTONKOVA, N. S., GEMER, V. S., BEHISOVA, G. M., YENDKININA, YU. I.,
ZAKHAR'INA A. A., KOROVAYA, E. A., LEVINA, I. V., MESURIN'KO, E. I.,
POKOVA, G. P., SELESEY, M. V., ANIKHEVDO, G. N., TUROVSKAYA, F. N.

"Hygienic characteristics of the day regimen of Moscow school
children."

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

LOSHAKOV, A.M., inzh.; BIBIKOV, A.V., inzh.; VASIL'KOV, B.P.; GORYASHCHENKO,
Yu.N.

Welding flanges to pipes simultaneously with two welds. Svar.
proizv. no.3:31-32 Mr '65. (MIRA 18:5)

1. Trest "TSentroenergmontazh".

LOSHAKOV, A.M., inzh.; BIBIKOV, A.V., inzh.; OBUKHOV, Yu.V., inzh.;
GORYASHCHENKO, Yu.N., teknik

Use of an A-564 gun for welding studs in an overhead position.
Svar. proizvod. no.1:36 Ja '65.

(MIRA 18:3)

1. Trest "TSentroenergomontazh".

GORYASHIN, V. A., Cand Agr Sci -- (diss) "Increase^{ing the} Milk Fat
Content in Black-Spotted Cattle by Means of Crossing with the
Jersey Breed." Len-Pushkin, 1957. 23 pp (Min of Agriculture
USSR, Len Agricultural Inst), 160 copies (KL, 49-57, 114)

- 47 -

GORYASHIN, V. A. sotrudnik; YEFIMOV, Ye., zootekhnik

Crossing black and white cows with Jersey bulls. Nauka i pered.
op. v sel'khoz. 9 no.9:25-27 S '58. (MIRA 11:10)

1. Pushkinskaya laboratoriya razvedeniya sel'skokhozyaystvennykh
zhivotnykh (for Goryashin). 2. Sovkhoz "Lyuban'" (for Yefimov).
(Dairy cattle breeding)

DUDKIN, M.S.; LEVCHISHINA, R.V.; MEDVEDEVA, Ye.I.; GORYASHINA, G.I.

Chemical composition of Dniester and Danube reeds.
Ukr.khim.zhur, 28 no.8:996-999 '62. (MIRA 15:11)

1. Odesskiy tekhnologicheskii institut.
(Dniester River--Reed (Botany))
(Danube River--Reed (Botany))
(~~Plants~~—Chemical analysis)

KONSHIN, N.P.; STEPANOVA, O.S.; VAYSMAN, B.M.; GORYASHINA, G.I.

Determination of the readiness of modified glyptal resins,
binding agents for linoleum. Nauch. ezhegod. Khim. fak. Od.
un. no.2:102-112 '61. (MIRA 17:8)

STEPANOVA, O.S.; TISHCHENKO, O.I.; BEZGUDOVA, Zh.I.; GORYASHINA, G.I.;
DROZDOVSKAYA, A.I.

Synthesis of α -chloroalkylmethyl ethers and their reaction
with sodium alkylmalonic esters. Zhur. VMO 10 no.6:704-705
'65 (MIRA 1961)

1. Odesskiy gosudarstvennyy universitet imeni I.I. Mechnikova.
Submitted March 16, 1965.

GORYASHKO, P.M.

Measuring the torque of the guiding wheel of the DT-54 caterpillar tractor. Avt.trakt.prom. no.12:16 a,b. D '54.
(MLRA 8:2)

1. Khar'kovskiy politekhnicheskij institut im.Lenina.
(tractors)

GORYASHKO, P.M.: Master Tech Sci (diss) -- "Investigation of the effect of kinematic properties of the rotary mechanisms on the dynamics of a caterpillar-type tractor". Khar'kov, 1959. 16 pp (Min Higher Educ Ukr SSR, Khar'kov Polytech Inst im V. I. Lenin), 125 copies (KL, No 9, 1959, 114)

GORYASHKO, P.M., kand.tekhn.nauk

Studying the dynamic load of the transmission during the starting
of a tractor. Trakt. i sel'khoz mash. no.2:13-16 F '64.
(MIRA 17:3)

1. Khar'kovskiy politekhnicheskii institut imeni V.I.Lenina.

~~GORYASHKO, P.M.~~, kand.tekhn.nauk; YEFREMENKO, P.G., inzh.; KLIMOV, A.K., kand.
tekhn.nauk; KODENKO, M.N., kand.tekhn.nauk; SHEPELENKO, G.N., kand.
tekhn.nauk

Causes of the breakdown of the power take-off drive in operating
a tractor with a mounted sprinkling machine. Trakt. i sel'khoz mash.
no.9:14-17 S '65. (MIRA 18:10)

1. Khar'kovskiy politekhnicheskii institut imeni V.I.Lenina.

GORYATSEVA, K.G.

Z/056/62/019/007/001/007
1037/1237

AUTHOR: Gorjačeva, K. G.

TITLE: Some methods for increasing the sensitivity of the photographic method in gamma ray defectroscopy

PERIODICAL: Přehled technické a hospodářské literatury. Hutnictví a strojírenství v. 19, no. 7, 402, abstract HS62-5104 (1961, Moskva, Gostoptechizdat STK II-182721a)

TEXT: Radiactive isotopes and nuclear radiations in the national economy USSR III. There are 5 figures.

[Abstracter's note: Complete translation.]



Cadr 1/1

GORJAVIN, A.; PONOMAREV, A.

Every service station should have a trend for wheel alignment.
Avt.transp. 40 no.12:16-17 D '62. (MIRA 15:12)
(Service stations—Equipment and supplies)

GORAYAYNOV, K.E., doktor tekhn.nauk, prof.

New principles concerning the compaction of stiff concrete mixes and results of testing them at the "Barrikada" reinforced concrete products plant in Leningrad. Trudy NIIZHB no.21:174-180 '61.

(MIRA 14:12)

1. Nauchno-issledovatel'skiy institut po stroitel'stvu Ministroya RSFSR.

(Leningrad--Concrete--Testing)

GORYAYNOV, K.E., doktor tekhn. nauk, nauchnyy red.; ZAYCHIKOVA, E.A.,
red. izd-va; RODIONOVA, V.M., tekhn. red.

[Technology of heat insulating materials] Tekhnologiya teplo-
izoliatsionnykh materialov; sbornik trudov. Moskva, Gosstroi-
izdat, 1962. 132 p. (MIRA 15:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po
stroitel'stvu.

(Insulating materials)

GORIAYNOV, K.E.; VEKSLER, Ye.S.

Heat and mass transfer during heating of hardening concrete.
Inzh.-fiz.zhur. 5 no.4:47-51 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut, Moskva.
(Heat--Transmission) (Mass transfer) (Concrete)

BAYKONUROV, O.A.; BELYAYEV, A.I.; BOGOMOLOV, V.I.; VANYUKOV, V.A.; GAZARYAN, L.M.;
GLEK, T.P.; GORYAYEV, M.I.; KARCHEVSKIY, V.A.; KLUSHIN, D.N.; KUMAYEV,
D.A.; LEBEDEV, B.N.; LISOVSKIY, D.I.; LOSIUTOV, F.M.; MITROPANOV, S.I.;
MOLCHANOV, A.A.; MOSKVITIN, I.N.; OL'KHOV, N.P.; OSIPOVA, T.B.;
PLAKSIN, I.N.; PONOMAREV, V.D.; RUMYANTSE, M.V.; SOKOL'SKIY, D.V.;
SOKOLOV, M.A.; SPASSKIY, A.G.; STRIGIN, I.A.; SUSHKOV, K.V.;
SHAKHHAZAROV, A.K.; YASYUKOVICH, S.M.

Khosrov Kurginovich Avetisian, obituary. ISvet.net.27 no.3:66-68
My-Je '54. (MIRA 10:10)

(Avetisian, Khosrov Kurg: novich, 1900-1954)

GORYNIN, P.

AID P - 1010

Subject : USSR/Aeronautics
Card 1/1 Pub. 58 - 11/16
Authors : Velichkovskiy, P., and Gorynin, P.
Title : Radio-controlled aircraft model
Periodical : Kryl. rod., 1, 17-20, Ja 1955
Abstract : This is a detailed description giving technical data of the radio-controlled aircraft model which recently broke the world record for endurance by remaining in the air for 1 hr., 31 min., 14 sec. Diagrams.
Institution : None
Submitted : No date

GORYNIN, P., instruktor-aviamodelist aerokluba.

Most important task of school organization of the All-Union
Volunteer Society for Assistance to the Army, Air Force, and
Navy. Kryl.rod. 8 no.6:32 Je '57. (MLRA 10:8)
(Airplanes--Models)

GORYNIN, P.

PHASE I BOOK EXAMINATION 507/8020

Aircraft Modeling; Aircraft Safety. Possible also subcommittee aviation. N.Y. Knickerbocker. Handbook for Instructors of Model Aircraft Clubs and Societies. Moscow, Khepvedel, 1960. 141 p. 12,000 copies printed.

Completer: E. S. Keldin, Candidate of Technical Sciences, and A. Ya. Shadrinskiy, Tech. Ed.; P. I. Kozlovskaya.

REPORT: This book is intended for instructors and directors of model airplane clubs sponsored by DOKLAD (All-Union Voluntary Society for Promotion of the Army, Navy, and Air Force).

COVERAGE: The book consists of 47 articles covering various aspects of model airplane design, construction and operation. The text contains many illustrations and diagrams. No personalities are mentioned. There are 189 references, all Soviet.

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FEL'DMAN, I.Kh.; MIKHEYEVA, L.F.; Prinimala uchastiye GORYNINA, R.M.

Amino sulfides and aminog sulfones. Part 29: Reaction of
p-acetaminophenyl hydroxymethyl sulfone with amines. Zhur.ob.khim.
33 no.7:2116-2119 J1 '63. (MIRA 16:8)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Acetanilide) (Amines)

KOZAK, V.A. (Kiyev, 1, Kreshchatik, d.21, kv.62); LOBODYUK, M.S. [deceased];
MIKHAYLOVA, S.I. [deceased]; GORYUSKAYA, S.V.; ANTONENKO, A.V.

Use of a high-pressure chamber in the therapy of hypoxic states.
Grud. khir. 6 no.6:3-10 N-D '64. (MIRA 18:7)

1. Otdel biokibernetiki (zav. - chlen-korrespondent AMN SSSR
N.N. Amosov) Instituta kibernetiki (direktor - akademik V.M.
Glushkov) AN UkrSSR, Kiyev.

GORYNSKI, Juliusz (Warszawa)

Typification tasks of the municipal economic administration.
Przepl budowl i bud mieszk 33 no.4:203-207 Ap'61

1. Wiceminister Gospodarki Komunalnej, Warszawa.

GORYESKI, TOMASZ

Asymmetry of lower extremities in children and attempted therapy
by stimulation of growth of the shorter extremity. Chir. narz. ruchm
ortop. polska 18 no.4:243-254 1953. (CML 25:5)

1. Of the Third Surgical Clinic (Orthopedia) (Head--Prof. A. Gruca,
M.D.) of Warsaw Medical Academy.

GORYNSKI, Tomasz
GORYNSKI, T.; LITYNSKA, J.

Synovitis, tenosynovitis and buesitis villondosa pigmentosa chronica.
Chir. narz. ruchu 23 no.3:275-280 1958.

1. Z Kliniki Ortopedycznej A. M. w Warszawie Kierownik: prof dr A Gruca
Adres autrow: Warszawa, ul Lindleya 4, Klinika Ortopedyczna A.M.

(GIANT CELL TUMOR,

heel tendon, histol. similarities with knee synovial hypertrophic lesions (Pol))

(KNEE, diseases,

synovial hypertrophic lesions, histol. similarities with giant-cell xanthoma of heel (Pol))

(HEEL, neoplasms,

giant-cell xanthoma, histol. similarities with synovial hypertrophic lesions of knee (Pol))

GORYNSKI, Tomasz; LITYNSKA, Jadwiga

Myositis ossificans progressive, Munchmeyer's disease. Chir. narz. ruchu
23 no.4:343-351 1958.

1. Z Kliniki Ortopedycznej A. M. w Warszawie Kierownik: prof. dr A. Gruca.
Adres autorow: Warszawa, ul. Lindleya 4, Klinika Ortopedyczna A. M.
(MYOSITIS OSSIFICANS, case reports,
progr. (Pol))

EXCERPTA MEDICA Sec 19 Vol 3/1 Rehabilitation Jan 50

124. **Operative technique and results of wedge resection of vertebrae in the treatment of lateral spinal curvatures** Technika i wyniki resekcji klinowej kręgow w leczeniu bocznych skrzywień kręgosłupa. GORYNSKI T. and CZAYKOWSKI L. E. Klin. Ortop. A. M., Warszawa *Chir. Narząd. Ruchu* 1958, 23:5 (417-423) Tables 1 Illus. 7

This procedure was carried out on 11 patients, usually as a monostotic resection. In one case, the operation was performed through a transpleural approach and 3 wedges were removed simultaneously at different levels of the same curve. Graca's technique was used in 10 cases. The essential steps of this operation are as follows: the spine is approached through 2 incisions - one of them paralleling the line of the spinous processes of the convex side of the curvature, the other running obliquely along the rib corresponding to the apical vertebra. After stripping off the muscles from the spinous processes, laminae, transverse processes and ribs, paravertebral portions of 2 ribs together with corresponding transverse processes are excised and the wedge resection of the intervertebral disc and adjacent portions of 2 vertebral bodies is performed. The apex of the wedge should reach the periosteum on the concave side. The operation is completed by attaching strong springs to the transverse processes of the vertebrae lying above and below the site of resection. Usually the empty space produced by resection of vertebral bodies cannot be obliterated completely during the operation. This is being gradually achieved within the 2-3 weeks after operation, by means of wedging plaster jackets with 2-3 successive forceful corrections. Plaster cast immobilization is usually carried on for 3 months, the plaster jacket being changed by the 4th or 5th week after operation. The procedure was used only in curvatures of the 3rd degree and especially in patients with gross decompensation disturbing the stature, and with deformity progressing despite previous treatment by other methods. Results were evaluated in 8 cases, operation being too recent for evaluation in 3; improvement was noted in 7. Improvement consisted mainly in the better compensation and stabilization of the spine, as well as stopping the progression of deformity during the period of growth. In some instances marked cosmetic improvement was achieved as well.

GORYNSKI, Tomasz; Jedrzejewska, Halina

Surgical results in the treatment of deforming changes in the hip joint by means of dematoplasty. Chir.narz.ruchu ortop.polska 24 no.6:601-608 '59.

1. Z Kliniki Ortopedycznej AM w Warszawie. Kierownik: prof.dr.

A. Graca.
(HIP surg.)

GORYSKI, Tomasz

General principles of surgical therapy of the upper extremity in cerebral palsy. Chir.narz.ruchu 25 no.4;355-360 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie Kierownik: prof. dr A.Gruca.

(CEREBRAL PALSY compl)
(ARM surg)

GORZYNSKI, Tomasz; LESZEK-ZAPEDOWSKA, Halina

Surgical therapy of pronator contractures of the forearm in cerebral palsy. Chir.narz.ruchu ortop.polska 25 no.5:451-457 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie, Kierownik: prof. dr A. Gruca.

(CEREBRAL PALSY surg)

(CONTRACTURE surg)

(FOREARM dis)

GORYNSKI, Tomasz; JEDRZEJEWSKA, Halina

Surgical treatment of deformities and functional disorders of the wrist and fingers in cerebral palsy. Chir.narz.ruchu ortop. polska 25 no.6:621-628 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie, Kierownik: prof. dr A.Gruca.

(CEREBRAL PALSY surg)

(WRIST surg)

(FINGERS surg)

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