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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

heat treatment. Samples with a PbO content between 4.5 and 6%, led to an activation of the pre-sintering process in relation to an increase of the PbO content resulting in a well reacted material of high density. In the final heat treatment this material showed crystal growth as much slower as the sintering process was more advanced in the preliminary heat treatment. Samples with a PbO content of 6% presented a $(0.8 - 0.9)\cdot 10^{6}$(?) GsÖe value of magnetic energy in great temperature and time intervals. An increase in PbO content to 10%, led in the final heat treatment to an increase of the crystal growth rate and thus to a reduction of the magnetic performances. Before the structural analysis, the samples were polished with a special device for polishing silicon plates used in the manufacture of semiconductors. Satisfactory results in proving the hexagonal structure of the barium ferrite were achieved by using the following etching method: HCl 10%, $HNO_3$ 5%, temperature 60°C, time 1 min. on the basis of structural analysis, the authors established in samples sintered at 1,100°C a $(BH)_{max}$ energy of $0.8 - 0.9 \cdot 10^{6}$ GsÖe. The crystalline barium ferrite particles of the material sintered at 1,100°C for

Card 6/20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

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20367
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

1 hr had a size of 5 - 10 $\mu$, and of the material sintered at 1,150°C for 2 hrs a size of 10 - 50$\mu$, but a lower magnetic energy, i.e. $4 - 5 \cdot 10^3$ $\gamma/m^3$ ($0.5 - 0.6 \cdot 10^6$ GsÖe). On the basis of these experiments the authors came to the conclusion that the magnetic material requires a preliminary and a final heat treatment at temperatures which are lower than those applied to simple barium ferrite. This magnetic material can be used industrially with some technological and economic advantages. There are 14 figures, 5 tables, and 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: ICET

SUBMITTED: December 15, 1960

Card 7/20

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20367
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 2: Variation in the density of the pre-sintered ferrite in relation to the PbO content.

Legend: (1) Pre-sintering time 2 hrs. (2) Pre-sintering time 4 hrs.

Fig. 2.

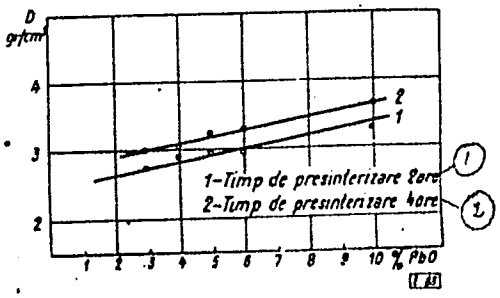


Fig. 2. Variaţia densităţii feritei presinterizate în funcţie de conţinutul în PbO.

Card 8/20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 3. Magnetic properties in relation to the compression in the pressing operation and density.

Legend: (1) Final density.
(2) Initial density

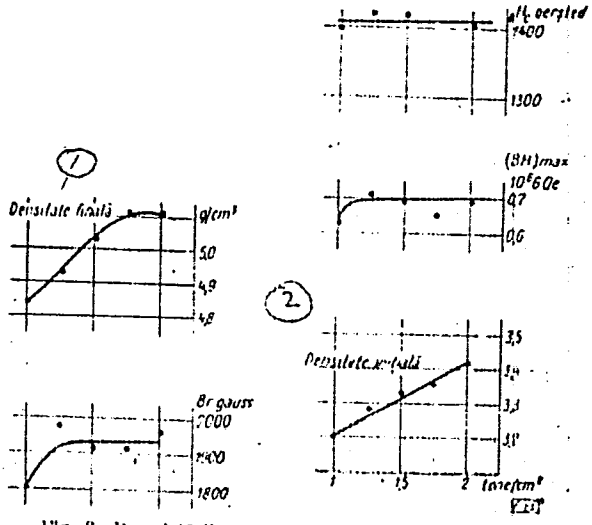


Fig. 3.

Fig. 3. Proprietățile magnetice în funcție de presiunea la presare și densitate.

Card 9/20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 4. Variation of the density in relation to the PbO content of the ferrite, material pre-sintered at 350°C for 2 hrs.

Legend: (1) Sintered at 1,100°C (2)hrs.

Fig. 4.

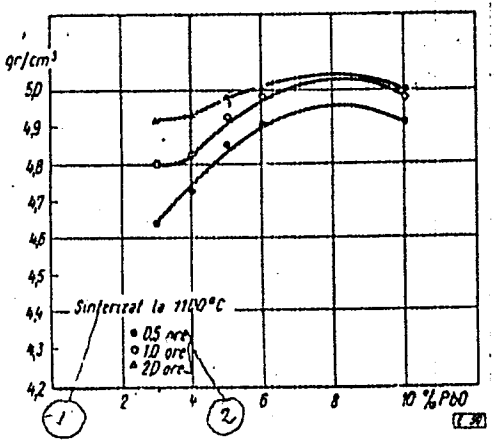


Fig. 4. Variația densității în funcție de conținutul de PbO al feritei, material presinterizat în 350°C — 2 ore.

Card 10/20

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20367

E/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 5. Material pre-sintered at 950°C 4 hrs

Legend: (1) Material pre-sintered at 950°C 4 hrs
(2) Sintered at 1,100°C (3)hrs

Fig. 5.

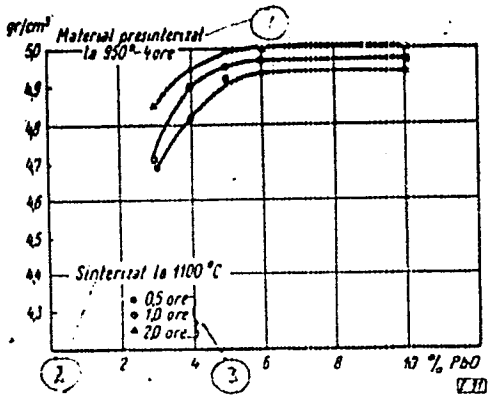


Fig. 5. Material presinterizat la 950°C — 4 ore.

Card 11/20

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20367
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 6. Material pre-sintered at 950°C 2 hrs

Legend: (1) Material pre-sintered at 950°C 2 hrs.
(2) Sintered at 1,150°C. (3) Hours

Fig. 6.

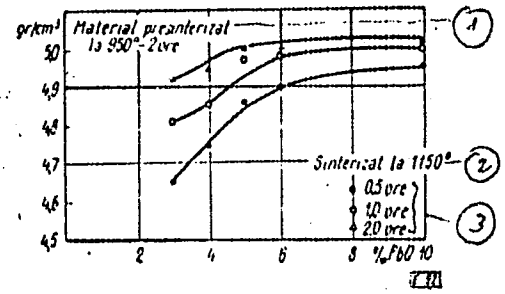


Fig. 6. Material presinterizat la 950°C — 2 ore.

Card 12/20

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20367
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 7. Material pre-sintered at 950°C 4 hrs.

Legend: (1) Material pre-sintered at 950°C 4 hrs.
(2) Sintered at 1,150°C. (3) Hours.

Fig. 7.

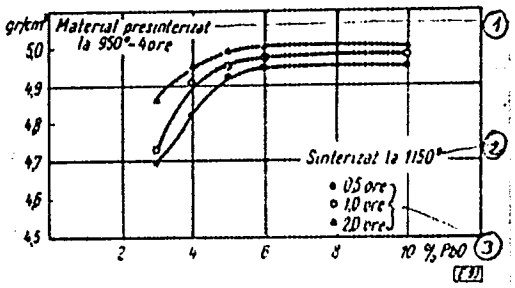


Fig. 7. Materiul presinterizat la 950°C — 4 ore.

Card 13/20

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20367
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 8. Magnetic properties of the material pre-sintered at 950°C 2 hrs, sintered at 1,100°C.

Legend: (1) Material pre-sintered at 950°C 2 hrs, sintered at 1,100°C (2) Hours.

Fig. 8.

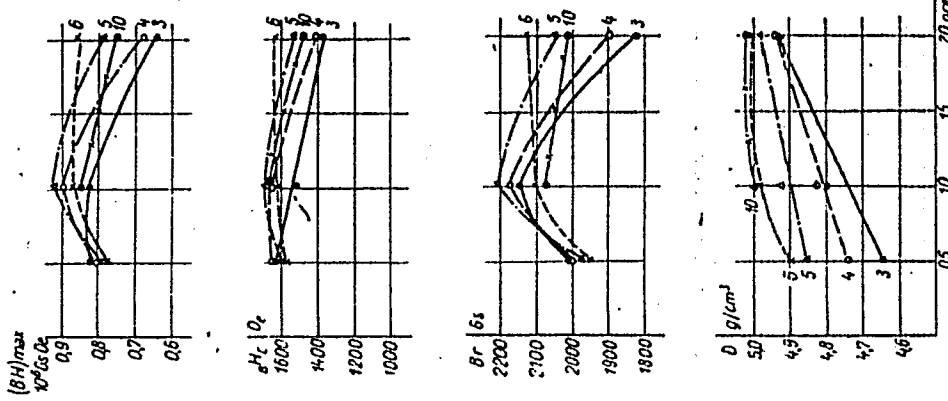


Fig. 8. — Proprietățile magnetice ale materialului presinterizat la 950°C — 2 ore, sinterizat la 1 100°C.

Card 14/20

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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 9. Magnetic properties of the material pre-sintered at 950°C 4 hrs, sintered at 1,100°C.

Legend: (1) Material pre-sintered at 950°C 4 hrs, sintered. (2) Hours.

Fig. 9

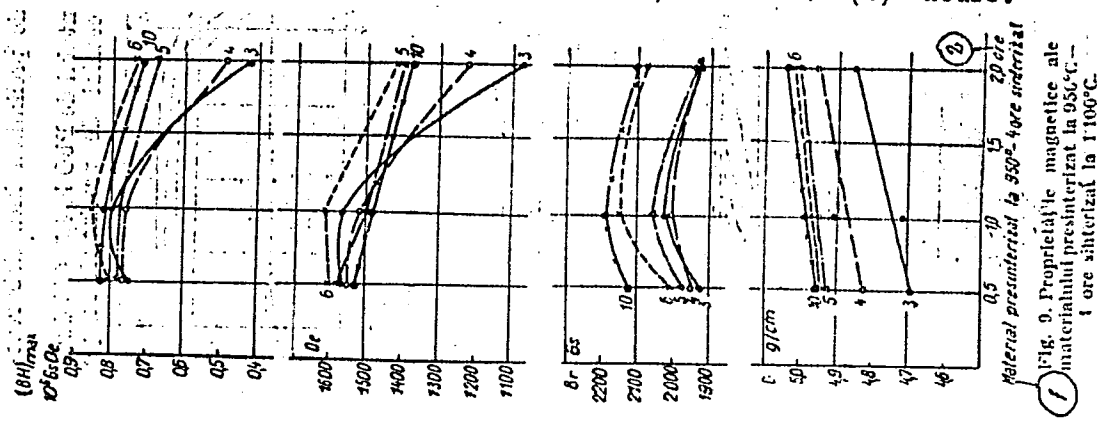


Fig. 9. Proprietățile magnetice ale materialului presinterizat la 950°C.— 4 ore sinterizat la 1'100°C.

Card 1b/20

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20367

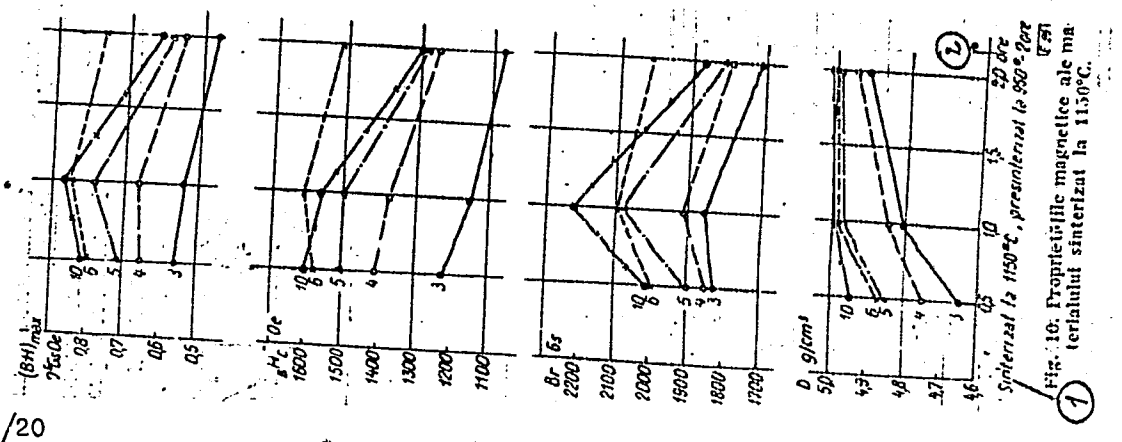
R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 10. Magnetic properties of the material sintered at 1,150°C.

Legend: (1) Sintered at 1,150°C, pre-sintered at 950°C 2 hrs. (2) Hours.

Fig. 10.




Card 16/20

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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Fig. 11. Magnetic properties of the material sintered at 1,150°C - pre-sintered at 950°C 4 hrs.

Legend: (1) Sintered at 1,150°C, pre-sintered at 950°C 4 hrs. (2) Hours.

Fig. 11

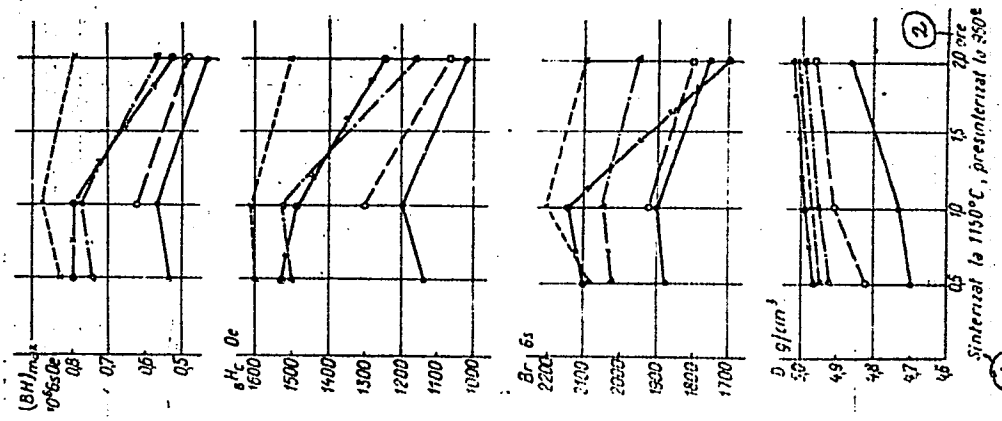


Fig. 11. Proprietăţile magnetice ale materialului sinterizat la 1 150°C presinterizat la 950°C — 4 ore.

Card 17/20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

Table 1: Chemical composition of the samples

1. Consecutive Number
2. Sample Marking
3. Chemical Composition % Weight
4. Composition in gram-molecules

Tabela 1

Compoziția chimică a probelor

Table 1:

| 1 Nr. crt. | 2 Denumirea probei | Compoziția chimică % greutate | | | 4 Compoziția în moli |
|---|---|---|---|---|---|
| | | $Fe_2O_3$ | BaO | PbO | |
| 1 | A | 84,30 | 14,61 | 1,09 | 0,950 BaO, 0,050 PbO } 5,3 $Fe_2O_3$ |
| 2 | B | 82,3 | 14,4 | 3,3 | 0,864 BaO, 0,136 PbO } 4,76 $Fe_2O_3$ |
| 3 | C | 81,40 | 14,20 | 4,40 | 0,823 BaO, 0,177 PbO } 4,54 $Fe_2O_3$ |
| 4 | D | 80,50 | 14,08 | 5,42 | 0,790 BaO, 0,210 PbO } 4,36 $Fe_2O_3$ |
| 5 | E | 79,50 | 13,90 | 6,60 | 0,753 BaO, 0,247 PbO } 4,15 $Fe_2O_3$ |
| 6 | F | 76,00 | 13,20 | 10,80 | 0,638 BaO, 0,362 PbO } 3,54 $Fe_2O_3$ |

Card 18/20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

*Tabela 3*

| Sample Proba | PbO % | g/cm³ | 950°C | —4 ore 1 100 0,5 ore 950° Br Gs | Hc Oe | (BH)max 10⁶ GsOe | d g/cm³ | — 4 ore 1 100°—1 ore 950° Br Gs | Hc Oe | (BH)max 10⁶ Gs Oe | d g/cm³ | —4 ore 1 100°—2 ore Br Gs | Hc Oe | (BH)max 10⁶ Gs Oe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| aAII | 3 | 2,99 | 4,69 | 1 930 | 1 560 | 0,754 | 4,71 | 2 025 | 1 560 | 0,790 | 4,85 | 1 915 | 1 050 | 0,500 |
| aBII | 4 | 3,0 | 4,83 | 1 950 | 1 550 | 0,755 | 4,90 | 2 005 | 1 500 | 0,757 | 4,90 | 1 921 | 1 220 | 0,580 |
| aCII | 5 | 3,23 | 4,92 | 1 980 | 1 558 | 0,772 | 4,95 | 2 060 | 1 500 | 0,772 | [illegible] | 1 930 | 1 400 | 0,670 |
| aDII | 6 | 3,25 | 4,93 | 2 010 | 1 595 | 0,800 | 4,97 | 2 150 | 1 610 | 0,863 | [illegible] | 2 080 | 1 420 | 0,740 |
| aEII | 10 | 3,64 | 4,93 | 2 130 | 1 530 | 0,815 | 4,97 | 2 180 | 1 490 | 0,813 | 5,[illegible] | 2 110 | 1 370 | 0,725 |

*Tabela 2*

| Sample Proba | PbO % | g/cm³ | 2 ore 950° | 1 100° 0,5 ore 950° — 2 ore Br Gs | Hc Oe | (BH)max 10⁶ GsOe | g/cm³ | 1 100°—1 ore 950°—2 ore Br Gs | Hc Oe | (BH)max 10⁶ Gs Oe | g/cm³ | 1 100°—2 ore Br Gs | Hc Oe | (BH)max 10⁶ GsOe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| aAI | 3 | 2,74 | 4,63 | 2 010 | 1 635 | 0,824 | 4,80 | 2 148 | 1 530 | 0,824 | 4,92 | 1 830 | 1 380 | 0,635 |
| aBI | 4 | 2 86 | 4,72 | 2 000 | 1 630 | 0,815 | 4,82 | 2 180 | 1 650 | 0,900 | 4,93 | 1 900 | 1 415 | 0,673 |
| aCI | 5 | 2,94 | 4,85 | 1 980 | 1 620 | 0,800 | 4,92 | 2 220 | 1 660 | 0,925 | 4,98 | 2 040 | 1 530 | 0,781 |
| aDI | 6 | 2 96 | 4,90 | 1 950 | 1 597 | 0,778 | 4,98 | 2 100 | 1 613 | 0,860 | 5,0 | 2 130 | 1 620 | 0,861 |
| aEI | 10 | 3,25 | 4,91 | — | | | 4,98 | 2 075 | 1 630 | 0,840 | 5,0 | 2 010 | 1 480 | 0,740 |

Card 19/20

Table 2 and 3

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20367

R/004/61/000/004/001/001
D014/D106

Production of oxide magnets based on barium ferrite and lead

*Tabela 4*

| Sample Proba | PbO % | g/cm³ | 950° d | —2 ore 1 150°—0,5 ore (hrs hrs) Br Gs | Hc Oe | (BH)max 10⁶ Gs Oe | d | 1 150° — 1 ork (hr) Br | Hc | (BH)max 10⁶ Gs Oe | d | 1 150° — 1 ork (hr) Br | Hc | (BH)max 10⁶ Gs Oe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| bAI | 3 | 2,74 | 4,65 | 1 820 | 1 220 | 0,562 | 4,80 | 1 860 | 1 150 | 0,535 | 4,90 | 1 725 | 1 080 | 0,465 |
| bBI | 4 | 2,86 | 4,75 | 1 850 | 1 400 | 0,653 | 4,85 | 1 915 | 1 370 | 0,660 | 4,92 | 1 800 | 1 260 | 0,567 |
| bCI | 5 | 2,94 | 4,86 | 1 900 | 1 510 | 0,715 | 4,98 | 2 085 | 1 500 | 0,788 | 5,00 | 1 820 | 1 285 | 0,583 |
| bDI | 6 | 2,96 | 4,90 | 2 000 | 1 580 | 0,790 | 4,98 | 2 100 | 1 615 | 0,846 | 5,00 | 2 023 | 1 520 | 0,770 |
| bEI | 10 | 3,25 | 4,90 | 2 015 | 1 594 | 0,800 | 5,00 | 2 215 | 1 560 | 0,865 | 5,01 | 1 870 | 1 310 | 0,612 |

*Tabela 5*

| Sample Proba | PbO % | g/cm³ | 950°C d | 4 ore 1 150°—0,5 ore (hrs hrs) Br Gs | Hc Oe | (BH)max 10⁶ Gs Oe | d | 1 150° — 1 ork (hr) Br | Hc | (BH)max 10⁶ Gs Oe | d | 1 150° — 1 ork (hr) Br | Hc | (BH)max 10⁶ Gs Oe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| bAII | 3 | 2,99 | 4,70 | 1 870 | 1 148 | 0,538 | 4,73 | 1 900 | 1 200 | 0,570 | 4,87 | 1 750 | 1 020 | 0,447 |
| bBII | 4 | 3,05 | 4,82 | — | — | — | 4,91 | 1 920 | 1 300 | 0,625 | 4,96 | 1 800 | 1 080 | 0,486 |
| bCII | 5 | 3,23 | 4,93 | 2 015 | 1 500 | 0,756 | 4,95 | 2 050 | 1 525 | 0,780 | 4,99 | 1 950 | 1 170 | 0,572 |
| bDII | 6 | 3,27 | 4,95 | 2 080 | 1 599 | 0,834 | 4,97 | 2 200 | 1 610 | 0,886 | 5,00 | 2 100 | 1 510 | 0,793 |
| bEII | 10 | 3,63 | 4,95 | 3 100 | 1 525 | 0,801 | 4,98 | 2 150 | 1 490 | 0,800 | 5,00 | 1 700 | 1 250 | 0,583 |

Card 20/20 Table 4 and 5

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASCU, V.

"Accumulators; elements" by I.Pesty. Reviewed by V.Ivascu.
Electrotehnica 11 no.10:387-388 O'63.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

MARCUS, Bruno, ing.; IVASCU, Vasile, ing.

Electric tunnel furnace for baking ceramic products. Industria usoara 10 no.11:487-493 N '63.

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SILIN, P.M.; LITVAK, I.M.; BARABANOV, M.I.; LIKHITSKIY, M.Kh.; BODNAR', S.G.; ROSTRIPENKO, I.A.; SOFRONYUK, L.P.; YAROVENKO, O.A.; MIROSHNIK, A.P.; IVASENKO, G.

Accelerating the sedimentation in settlers. Sakh. prom. 36 no.7:9-17 Jl '62. (MIRA 17:1)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti (for Silin). 2. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana (for Litvak, Barabanov, Likhitskiy). 3. Lannovskiy sakharnyy zavod (for Bondar', Ivasenko). 4. 2-y im. Petrovskogo sakharnyy zavod (for Rostripenko). 5. Gindeshtskiy sakharnyy zavod (for Sofronyuk). 5. Krasnyanskiy sakharnyy zavod (for Yarovenko, Miroshnik).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASENKO, Pavel Ivanovich; MERKIN, Nikolay Konstantinovich; MOROZOVA, E.T., red.

[Collective organization and wages in industry and construction] Kollektivnaia organizatsiia i oplata truda v promyshlennosti i stroitel'stve. Moskva, Ekonomika, 1965. 149 p. (MIRA 18:7)

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IVASENKO, Ye.N.

Device for inducating turbine rotor shift beyond safe limits.
Sakh. prom. 31 no.2:39 F '57. (MLRA 10:4)

1. Ukrglavsakhar.
(Steam turbines--Safety appliances)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

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V raione TSimlianskoi. [Map of Volga-Don-Azov waterway]. (Molodoi kolkhoznik, 1951, no. 4, p. 16). DLC: AP50.M63

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

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KSENDZOVSKIY, L., inzh.; KAUFMAN, L., inzh., IVASHCHENKO, A., inzh.
Furda, M., inzh.

Practices of the Yasinovka Flour Mill in producing macaroni flour.
Muk.-elev.prom. 25 no.12:11-13 D '59. (MIRA 13:4)

1. Stalinskoye upravleniye khleboproduktov.
(Yasinovka--Flour mills)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A.; PAVLENKO, G. [Pavlenko, H.]; KOVALISHIN, I. [Kovalyshyn, I.]; PALIVODA, S. [Palyvoda, S.], red.; NEDOVIZ, S., tekhn. red.

[New look of Western Ukrainian villages] Selo miniaie svoie oblichchia. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 68 p. (MIRA 15:12)

1. Sekretar' Peremishlyanskogo rayonnogo komiteta Kommunisticheskoy partii Ukrainy (for Ivashchenko). 2. Predsedatel' ispolnitel'nogo komiteta Sambirskogo rayonnogo Soveta deputatov trudyashchikhsya (for Pavlenko). 3. Predsedatel' ispolnitel'nogo komiteta Rodatitskogo sel'skogo Soveta Gorodetskogo rayona (for Kovalishin).

(Ukraine, Western—Rural conditions)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A.

Use of an eased load line. Mor. flot 23 no.10:12 O '63.
(MIRA 16:10)

1. Kapitan parokhoda "Aleksandr Pushkin" Sakhalinskogo parokhodstva.
(Load line)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Country : USSR
Category : CULTIVATED PLANTS.MEDICINAL. Essential Oils. Toxins.

Abs. Jour. : REF ZHUR-BIOL.,21,1958,NO-96175

Author : Ivashchenko, A.
Institut. : -
Title : The Cultivation of Medicinal Plants in Siberia

Orig. Pub. : S.-kh. Sibiri

Abstract : The Moshkovskiy Sovkhoz for Medicinal Plants, at which the Siberian Zonal Experimental Station of the All-Union Scientific Research Institute of Medicinal and Aromatic Plants operates, is occupied with the cultivation of medicinal plants in Siberia. The basic medicinal cultures which produce a good yield of raw material are common valerian, opium poppy, black henbane, tangut rhubarb (Rheum palmatum tanguticum), German-camomile and argot. Certain valuable new medicinal

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SHERENGOVYY, P., agronom; IVASHCHENKO, A., sadovod

Growing healthy black currant planting stock. Zashch. rast. ot vred. i bol. 8 no.5:21-22 My '63. (MIRA 16:9)

1. Kolkhoz imeni Lenina, Reshetilovskogo rayona, Poltavskoy oblasti.
(Currants)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVANOV, V.F.; DAMASKIN, B.B.; FRUMKIN, A.N.; IVASHCHENKO, A.A.; FESHKOVA, N.I.

Differential capacity curves of a mercury electrode at high electrolyte concentrations. Elektrokhimiia 1 no.3:279-284 Mr '65. (MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet i Tul'skiy mekhanicheskiy institut.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Cypress

Resistance to snowfall of the Italian cypress (Cupressus sempervirens stricta ait). Biul. Glav. bot. sada, No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A.I.

Afforestation

Protecting plantings along roads from grazing. Les. i step' 4, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, NOVEMBER 1952 ~~1953~~, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A. I.

Maple

Prospective variety of maple for forest stock. Les. khoz. 5, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A.I.

New species of iris for ornamental purposes. Biul.Glav.bot.sada no.14: 102-103 '52. (MLRA 6:5)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut mnogoletnikh nasazhdeniy. (Iris (Plant))

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

ACC NR: AT6005057 (N) SOURCE CODE: UR/0000/65/000/000/0092/0099

AUTHOR: Dantsig, L. G.; Dergachev, A. A.; Ivashchenko, A. I.

ORG: none

TITLE: Experience in using the point sounding method in analyzing seismological data for the Altay-Sayan region

SOURCE: AN SSSR. Sibirskoye otdeleniye. Institut geologii i geofiziki. Metodika seysmorazvedki (Methods of seismic prospecting). Moscow, Izd-vo Nauka, 1965, 92-99

TOPIC TAGS: seismology, seismic wave, body wave, point shooting, ~~ultra-discontinuity~~, crustal thickness, earthquake, MOHOROVICIC DISCONTINUITY, SEISMIC PROSPECTING / ALTAYE-SAYANSKAYA OBLAST'

ABSTRACT: The depth of the Mohorovicic discontinuity under the Altay-Sayan region has been determined using the data registered from industrial explosions and near earthquakes (1960 through 1963). Five temporary seismic stations in the Kuzbass were used from January 1960 through May 1961, 2 from May until July 1962, and six after July 1962, with as many as 14-15 operating simultaneously at times when field parties other than those directed by the authors supplied data. For the first time in the Soviet Union, the data were analyzed by a variant of the point seismic sounding method originally developed for seismic

Card 1/3

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ACC NR: AT6005057

prospecting. Advantages of this method over the Nersesov method used previously (Jeffreys-Bullen travel-time tables) are that there is no need to know the properties of the medium through which the seismic waves are propagated and the fact that the only requirement is that head waves of the $P_n$ and $S_n$ types are formed at the Moho discontinuity. A drawback of the method is inability to use data registered from distant earthquakes. Most of the data were registered from industrial shooting, with epicentral distances accurately known to within 1.0—1.5 km; the maximum error in determining shot times did not exceed ± 0.5 sec. A summary travel-time curve, constructed for these shots within intervals of 60 km < Δ < 500 km for $\bar{P}$ waves and Δ < 700 km for $P_n$ waves, showed that average velocities were 6.1 km/sec for $\bar{V}$ and 80 km/sec for $V_n$ (mean error not exceeding ± 0.1 km/sec in either case). Earthquake data were processed in a similar manner, with most epicenters determined by several methods and checked by the method of intersections for $\bar{S}$—$\bar{P}$, $\bar{S}$, occasionally for $\bar{P}$. The number of stations and their even spacing made it possible to establish epicentral distances of ± 10 km for near earthquakes and ± 15—20 km for the more distant stations when all of the stations were on one side of an epicenter. Separate travel-time curves were constructed for each earthquake (about 50 epicenters having a focal energy of more than $10^{10}$ joules); these curves were then collated into a summary curve. A total of 190 points for $\bar{P}$ waves and 94 for $P_n$ waves were analyzed, the averaged velocities amounting to

Card 2/3

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ACC NR: AT6005057

$\bar{V}$ = 6.1 ± 0.1 km/sec and $V_n$ = 8.1 ± 0.1 km/sec. A chart, compiled to depict the depths of the Moho determined by the new method shows the earth's crust to vary in depth between 36 and 50 km, averaging 43 km in the region. The discontinuity tends to dip toward the southeast. Orig. art. has: 4 figures. [ER]

SUB CODE: 08/ SUBM DATE: 30Sep65/ ORIG REF: 005

Card 3/3

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

LEONOV, M. Ya., IVASHCHENKO, A. N.

Torsion of simple double-bound bars. Nauch. zap. IMA AN URSR. Ser. mashinoved 7 no.6:16-30 '60. (MIRA 13:8)
(Torsion)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

LEONOV, M.Ya.; IVASHCHENKO, A.N.

Generalized theory of pure torsion of thin-walled rods. Vop. mekh. real'. tver. tela no.1:101-130 '62. (MIRA 16:1)
(Torsion) (Elastic rods and wires)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

LEONOV, Mikhail Yakovlevich. Prinimali uchastiye: ZORIY L.M.; CHERNUKHA, Yu.A.; SHVAYKO, N.Yu.; IVASHCHENKO, A.N.; LIBATSKIY, L.L.; BURAK, Ya.I.; RUSINKO, K.N.; FOMENKO, V.L., red.izd-va; ANOKHINA, M.G., tekhn. red.

[Fundamentals of the mechanics of an elastic solid] Osnovy mekhaniki uprugogo tela. Frunze, Izd-vo AN Kirgizskoi SSR. No.1. 1963. 328 p. (MIRA 16:12)

(Elastic solids)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

KARTAMYSHEV, V.G.: IVASHCHENKO, A.P., redaktor; GLOTOVA, M.I., tekhnicheskiy redaktor

[Growing hybrid sunflowers; the practice of the Dzerzhinskii collective farm, Rostov Province] Vyrashchivanie gibridnogo podsolnechnika; opyt kolkhoza im. Dzerzhinskogo, Rostovskoi oblasti. Rostov-na-Donu, Rostovskoe kn-vo, 1953. 19 p.
(Sunflowers) (MLRA 10:1)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

AUTHOR: Ivashchenko, Aleksandr P.

TITLE: Machine-building Foreman's Handbook (Spravochnik mastera-mashinostroitelya)

PUB. DATA: Gosudarstvennoye Izdatel'stvo Tekhnicheskoy Literatury UkSSR, Kiyev, 1957, 331 pp.,18,500 copies.

ORIG. AGENCY: None given

EDITORS: Samokhvalov, Ya.; Tech.Ed.: Novik, A.

PURPOSE: The book is intended for foremen and section-heads of machine-building job shops and low production plants, and may also be used by leadmen, fitters and workers in mechanical shops of machine-building plants.

COVERAGE: This handbook contains information on materials used in machine-building, on the selection of operating parameters and specifications for metal processes, cutting tools, as well as data concerning technical standardization, production-quality control, organization of work stations, etc.

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Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

TABLE OF CONTENTS

Introduction . . . . . 3

General Information . . . . . 5

Materials Used in Machine Building . . . . . 9

1. Cast iron . . . . . 9

2. Steel . . . . . 12

3. Non-ferrous metals and their alloys . . . . . 16

4. Testing of materials . . . . . 27

5. Materials . . . . . 30

6. Hard alloys . . . . . 38

Card 2/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

Cutting Tools . . . . . 50

1. Cutting tools of high-speed steel and hard alloys . . . . . 50
2. Cermet cutting tools . . . . . 57
3. Basic rules for operating hard-alloyed cutting tools . . . 58
4. Mineral-ceramics cutting tools . . . . . 59
5. New shapes of cutting-tools introduced by turners . . . . . 63
6. High-speed cutting tools . . . . . 69
7. Cutters with hard alloy tips . . . . . 73
8. Abrasive tools . . . . . 74

Card 3/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

Operating Parameters for Cutting . . . . . 80

1. Fundamentals . . . . . 80

2. Selection of cutting parameters . . . . . 82

3. Cutting parameters for turning . . . . . 83

4. Cutting parameters for milling . . . . . 90

5. Cutting parameters for planing . . . . . 108

6. Cutting parameters for grinding . . . . . 117

Cutting Speeds for Metal Cutting . . . . . 133

1. Fundamentals . . . . . 133

2. Speed turning . . . . . 134

Card 4/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine -building Foreman's Handbook (Cont.)

3. Cutting parameters for speed turning with hard-alloyed tools . . . . . 136

4. Speed cutting with rapid feed . . . . . 141

5. Speed milling operating parameters . . . . . 148

6. Parameters for cutting with hard-alloyed cutters . . . . . 150

7. Speed grinding . . . . . 155

Modernizing Metal-cutting Machine Tools . . . . . 164

1. Modernizing lathes . . . . . 165

2. Modernizing milling machines . . . . . 165

3. Timesaving methods for auxiliary operations . . . . . 171

Card 5/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

Tolerances and Fits . . . . . 174

1. Fundamentals . . . . . 174

2. Tolerances and fits . . . . . 177

3. Large tolerances . . . . . 189

Surface Cleanliness . . . . . 207

Classes of surface cleanliness according to ГОСТ 2789-51 . . 209

Conversion of old symbols of cleanliness to new ones according to ГОСТ 2789-51 . . . . . 210

Comprehensive table of classes of surface cleanliness depending on methods of processing . . . . . 212

General instructions for selecting classes of surface finishing. 216

Card 6/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

Thread Fastenings . . . . . 218

1. Definitions and designations of basic thread elements. Diameters and pitches . . . . . 218

2. Thread cutting . . . . . 240

3. Rotary thread cutting method . . . . . 250

4. Roll threading . . . . . 252

Coolants and lubricants . . . . . 257

Quality Control . . . . . 260

1. Fundamentals . . . . . 260

2. Inspected parts and methods of inspection . . . . . 261

Card 7/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

Technical Standardization . . . . . 264

1. Methods of establishing time standards . . . . . 264

2. Technical standardization of machine-tool operations . . . 265

3. Production standards . . . . . 266

4. Components of technical standards of time, formulae and calculations . . . . . 267

5. Time table for machine tool processes . . . . . 270

Organization of Work Stations . . . . . 272

1. Specialization of work stations . . . . . 272

2. Equipment and layout of work stations . . . . . 273

Card 8/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Call Nr: TJ 1160.I9

Machine-building Foreman's Handbook (Cont.)

3. Working conditions at work stations . . . . . 274

4. Servicing of work stations . . . . . 276

5. Turner's work station . . . . . 277

6. Milling operator's work station . . . . . 279

7. Mechanic's work station . . . . . 281

Appendix . . . . . 283

Bibliography . . . . . 327

AVAILABLE: Library of Congress

Card 9/9

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, Aleksandr Pavlovich; CHUMACHENKO, T., vedushchiy red.; PATSALYUK, P., tekhn.red.

[Handbook for foremen in the machinery industry] Spravochnik mastera-mashinostroitelia. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1958. 396 p. (MIRA 12:10)
(Mechanical engineering--Handbooks, manuals, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, Aleksandr Pavlovich

[Handbook for a machinery-industry foreman] Spravochnik mastera - mashinostroitelia. Izd.5., isp. Kiev, Tekhnika, 1964. 480 p. (MIRA 17:9)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, A.T.

Operation of the NGP-800x400 continuous centrifuges in the recovery of ammonium sulfate. Koks i khim. no.4:39-41 '60. (MIRA 13:6)

1. Rutchenkovskiy koksokhimicheskiy savod.
(Rutchenkovo--Ammonium sulfate)
(Centrifuges)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

KUPRYAKHINA, K.Z.; ZIMTSEV, P.P.; IVASHCHENKO, A.T.; KOVALENKO, M.F.; Prinimali uchastiye: MOROZOVA, N.A.; ANTIPOVA, G.G.; LEVINA, N.A.

Use of ion-exchange resins for the decontamination of waste waters. Koks i khim. no.7:46-47 '65. (MIRA 18:8)

1. Ukrainskiy nauchno-issledovatel'skiy uglekhimicheskiy institut (for Kupryakhina). 2. Rutchenkovskiy koksokhimicheskiy zavod (for Zimtsev, Ivashchenko, Kovalenko).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, B.P.

AUTHOR: Dikiy, B.F., Ivashchenko, B.P. 32-9-27/43

TITLE: A Photorefractometer for the Automation of Control Processes (Fotorefraktometr dlya avtomatizatsii protsessov kontrolya)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 9, pp.1124-1125 (USSR)

ABSTRACT: A refractometer, which can be mounted in a production apparatus and which can be used in order to obtain signals for the automation of control in the technical production of tomato pulp is constructed. In the case of the photorefractometer developed here the light does not pass from the solution to the prism, but, unlike what is the case with other refractometers, through the prism into the solution. The apparatus is then described. From the diagrams obtained it may be seen that, with a reduced angle of incidence of light down to a certain amount which depends on the concentration of tomatoes, the signal increases considerably. The maximum of the ratio of signal amounts produced in the case of different degrees of concentration of tomatoes, is attained at a certain angle of incidence of light. By using the diagrams the device is adjusted for a maximum degree of sensitivity for changes of tomato concentration within the limits of the given

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32-9-27/43

A Photorefractometer for the Automation of Control Processes

domain. The device makes it possible to determine the percentile content of dry substances with an accuracy of ± 0.1% abs. There are 2 figures.

ASSOCIATION: Technological Institute of the Food and Refrigeration Industry of Odessa (Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

DIKIY, B.F., kand.tekhn.nauk, dotsent; IVASHCHENKO, B.P., assistant; SEMENENKO, V.I., starshiy laborant

New submersible photorefractometer for the automatic control of evaporation. Trudy OTIPiKhP 9 no.2:143-148 '59. (MIRA 13:9)
(Refractometer) (Densitometers)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

DIKIY, G.F.; BUTENKO, B.M.; IVASHKEVICH, Yu.K.; IVASHCHENKO, B.P.; LOMAKIN, V.F.

[Automation of production processes in the wine and brandy making factory in Tiraspol] Avtomatizatsiia proizvodstvennykh protsessov na Tiraspol'skom vinno-kon'iachnom zavode. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 32 p. (MIRA 17:11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

KUKHTENKOV, M.M., kand. tekhn. nauk; IVASHCHENKO, D.A.

Dynamometric wrench. Mashinostroitel' no.7:16 Jl '65. (MIRA 18:7)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, D. N.

"Data on the Problem of Inhibition of Reflexes in Plants." Cand Biol Sci, Kiev State U imeni T. G. Shevchenko, Min Higher Education USSR, Krivoy Rog, 1954. (KL, No 11, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, D.N.

Apparatus for the investigation of proprioceptive extensor reflexes. Fiziol.zhur. 45 no.4:496-498 Ap '59. (MIRA 12:6)

1. From the department of physiology and biochemistry, University of Dnepropetrovsk, and from the department of zoology, Paedagogical Institute, Krivoi Rog.
(MUSCLES, physiol.
extensor reflexes, apparatus for registration (Rus))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, D.O.; VASIL'TSOVA, N.D. [Vasyl'tsova, N.D.]

Use of lavsan in the manufacture of woolen fabrics. Leh.prom. no.1: 41-42 Ja-Mr '63. (MIRA 16:4)

1. Khar'kovskaya sukonnaya fabrika "Krasnaya nit'".

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, D.P.; KUKHTENKOV, M.M.

Universal dynanometric wrench. Leh. prom. no.2:57-58 Ap-Je '63. (MIRA 16:7)

1. Khar'kovskaya fabrika "Chervona nitka" (for Ivashchenko).
2. Khar'kovskiy politekhnicheskiy institut (for Kukhtenkov).
(Wrenches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, D.T.

Preservation of ethyl chloride remnants in penicillin flasks. Fel'd. i akush. 24 no.9:56-57 S '59. (MIRA 12:12)

1. Starshiy fel'dsher i nachal'nik apteki (poselok Linksmakal'nis Litovskoy SSR).

(ETHYL CHLORIDE)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F., inzh.

Simplest methods for making reinforced concrete supports. Sil'.bud. 10 no.6:11 Je '60. (MIRA 13:6)
(Electric lines--Poles)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F.I.

Some conditions for the substitution of a direct stimulus by words. Vop.psikhol. 3 no.3:47-51 My-Je '57. (MLRA 10:8)

1.Kafedra pedagogiki i psikhologii Stavropol'skogo pedagogicheskogo instituta inostrannykh yazykov.
(Conditioned response)
(Speech)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F.I.

Studies on the relationship between heard, seen, and pronounced words. Zhur.vys.nerv.deiat. 8 no.2:175-181 '58. (MIRA 13:1)

1. Chair of Pedagogics and Psychology, Pedagogical Institute, Stavropol.

(REFLEX, CONDITIONED,
verbal conditioned stimulation with heard, seen, & pronounced words (Rus))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F.I.; REBUS, B.M.

Psychological preparation of children for socially useful labor in the pupils' work team. Vop.psikhol. 6 no.2: 118-127 Mr-Ap '60. (MIRA 13:7)

1. Kafedra pedagogiki i psikhologii Stavropol'skogo pedagogicheskogo instituta.
(Children--Employment) (Work)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASCHENKO, F.I.

Study of various verbal connections by the conditioned reflex method. Zhur. vys. nerv. deiat. 10 no. 3:473-478 My-Je '60. (MIRA 14:2)

1. Chair of Pedagogics and Psychology, Pedagogical Institute, Stavropol'.

(CONDITIONED RESPONSE) (SPEECH)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F.I.

Conditions for forming a positive attitude toward agricultural labor among school pupils. Vop. psikhol. 7 no.6:27-36 N-D '61. (MIRA 15:1)

1. Pedagogicheskiy institut, Stavropol'.
(Children--Employment)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, F.I.

Some characteristics of the agrotechnical skills of students. Vop. psikhol. 10 no.1:104-113 Ja-F'64 (MIRA 17:3)

1. Kafedra psikhologii Stavropol'skogo pedagogicheskogo instituta.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

DZHEVAGA, I., kand. tekhn. nauk; IVASHCHENKO, G., inzh.; CHERNAYA, O., tekhnik

Reconditioning the rudder stock by welding. Mor. flot 25 no.11: 28-29 N '65. (MIRA 18:11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

ASNIS, A.Ye.; IVASHCHENKO, G.A.

Deformation during mechanized welding with an alloyed wire.
Avtom. svar. 18 no.4:73 Ap '65. (MIRA 18:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.F.

The effect of metallic ions on the stability of complexes of

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

AUTHORS: Deborin, G. A., Ivashchenko, G. F., Smirnova, T. I.

20-114-3-41/60

TITLE: Determination of the Molecular Weight of Some Albumins in a Monomolecular Layer (Opredeleniye molekulyarnogo vesa nekotorykh belkov monomolekulyarnom sloye)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 3, pp 602-605 (USSR)

ABSTRACT: Recently theoretical foundation has been given to the determination of albumins in the above circumstances, and the molecular weights of more than ten different kinds of albumin were obtained. These results were almost always in agreement with the relevant results obtained by other methods. For several reasons, these investigations have so far been limited to different animal albumins, whereas of the vegetable albumins only the molecular weights of gliadin and zein have been determined (25,000 - 27,000 and 20,000, respectively). Thus it appeared to be of interest to find such conditions under which it would be possible to determine the molecular weights of such vegetable albumins as glycinin and edestin, as well as of the ferment albumin of ribonuclease. Surface pressure was measured by means of a vertical scale of the Wilhelmi type,

Card 1/3

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

AUTHORS: Deborin, G. A., Ivashchenko, G. [redacted] Bystrova, M. I. SOV/20-122-4-31/57

TITLE: An Investigation of Egg Albumin and Carotene Complexes (Issledovaniye kompleksov yaichnogo al'bumina s karotinom)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 650-652 (USSR)

ABSTRACT: It is known that the lipoproteins of the blood serum contain, in addition to sterols, a considerable amount of carotenoides also (Ref 1). Carotene, however, is not in colloidal solution in the blood serum, as contrasted with previous conceptions, but is closely combined with the albumins of the blood (Ref 2). In reference 3 it was proved by electrophoresis that carotene possesses a specific affinity to the serum globulin. The carotene containing lipoproteins form widespread and often physiologically important pigments in the organism. According to a survey of publications (Refs 4-8) the authors denote the purpose of the present paper as the investigation of the interactions of carotene with egg albumin under the conditions described in their previous papers dealing with sterols (Ref 7).

Card 1/4

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7



The ultraviolet absorption spectra were measured by the spectrophotometer СФ -4 within the wave range between 240 and 300 mμ. It was first proved that the variation of the absorption intensity is not due to a denaturation of the albumin but to the complex formation. Figure 1 shows typical absorption curves of the egg albumin (Curve 1) and of the complex of the egg albumin with carotene (Curve 2) in the quoted range (ordinante - extinction, abscissa - wave lengths). From this it is seen that in the formation of the mentioned complex the absorption maximum of the albumin at 280 mμ is not altered, but a distinct variation of the absorption intensity takes place. It was proved (Ref9) that such a variation is caused by various factors, among others by the variation of the state of aggregation of the protein molecules, even if they remain chemically unchanged. This means that the chromophore groups are not involved in such a process. The reduction of the absorption maximum by protein solutions in the complex formation with carotene is due to a combination of aggregation- and denaturation effects and cannot be taken as a quantitative measure of the complex formation. Nevertheless, this method has proved suitable for the qualitative identification of the



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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

An Investigation of Egg Albumin and Carotene Complexes

SOV/20-122-4-31/57

nascent protein-carotene complex. Parallel spectral investigations on monomolecular layers supported this conclusion. Figure 2 shows isotherms of the compressibility of a monolayer of egg albumin (Curve 1) and of the egg albumin-carotene complex in a 5 % solution of ammonium sulfate. From the above experimental results the conclusion may be drawn that at 40° the egg albumin forms a complex which is stable in a broad pH-range. By this means carotene is protected by the protein against oxidation by atmospheric oxygen. There are 2 figures, 1 table, and 11 references, 9 of which are Soviet.

ASSOCIATION: Institut biokhimii im. A. N. Bakha Akademii nauk SSSR (Institute of Biochemistry imeni A. N. Bakh of the Academy of Sciences, USSR)

PRESENTED: April 23, 1958, by A. I. Oparin, Academician

SUBMITTED: April 22, 1958

Card 3/4

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

An Investigation of Egg Albumin and Carotene Complexes

SOV/20-122-4-31/57

Card 4/4

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.G.

Pneumocystic pneumonia. Uch. zap. Stavr. gos. med. inst. 12:400-401 '63. (MIRA 17:9)

1. Kafedra patologicheskoy anatomii (zav. doktor med. nauk Ye.P. Yevsev'yev) Stavropol'skogo gosudarstvennogo meditsinskogo instituta i Stavropol'skiy rodil'nyy dom (glavnyy vrach V.G. Feoktsistova). Nauchnyy rukovoditel' raboty dotsent K.I. Savvina.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.I.

Tolerances in the pattern of switch box maintenance. Put' i put. khoz. no.5:38 My '59. (MIRA 12:8)

1.Rudovoditel' strelochnoy laboratorii TSentral'nogo nauchno-issledovatel'skogo instituta Ministerstva putey sobshcheniya.
(Railroads--Switches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

AMELIN, S.V., prof., zasluzhennyy deyatel' nauki i tekhniki; IVASHCHENKO, G.I., kand.tekhn.nauk; SMIRNOV, M.P., kand.tekhn.nauk; YAKOVLEV, V.F., kand.tekhn.nauk

Test performance on the track of new flat-type switch boxes.
Vest.TSNII MPS 18 no.8:40-44 D '59. (MIRA 13:9)
(Railroads--Switches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.I., insh.

Standards and allowances in the maintenance of switches.
Put' i put.khoz. 4 no.1:44-45 Ja '60. (MIRA 13:5)

1. Rukovoditel' strelochnoy laboratorii Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey sooobshcheniya.
(Railroads--Switches)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.I., kand.tekhn.nauk; PETROVA, V.L., inzh.,red.; KHITROV, P.A., tekhn.red.

[Switches for high-speed traffic on branch tracks] Strelochnye perevody dlia povyshennykh skorostei dvizheniia po otvetvlennomu puti. Moskva, Vses.izd-vo poligr. ob"edinenie m-va putei soob., 1960. 102 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.193) (MIRA 13:9)

(Railroads--Switches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

KRAGEL', Aleksandr Timofeyevich, inzh.; IVASHCHENKO, G.I., kand.tekhn. nauk, retsenzent; SURODEYEV, V.P., inzh., red.; BOHROVA, Ye.N., tekhn.red.

[Alignment of switch connections] Vypravka strelochnykh soedinenii. Izd.3. Moskva. Izdatel'sko-poligr.ob"edinenie M-va putei sooobshcheniia, 1961. 222 p. (MIRA 14:6)
(Railroads—Switches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

SHAKHUNYANTS, Georgiy Mikhaylovich, doktor tekhn. nauk; AMELIN, S.V., prof., retsenzent; KONSTANTINOV, V.N., dots., retsenzent; SMIRNOV, M.P., retsenzent; YAKOVLEV, V.F., retsenzent; BOCHENKOV, M.S., kand.tekhn. nauk, retsenzent; BROMBERG, Ye.M., retsenzent; YERSHKOV, O.P., retsenzent; ZVEREV, B.N., retsenzent; ZOLOTARSKIY, A.F., retsenzent; IVASHCHENKO, G.I., retsenzent; LINEV, S.A., retsenzent; MARKAR'YAN, M.A., retsenzent; POPOV, V.V., retsenzent; POPOV, S.N., retsenzent; SEREBRENNIKOV, V.V. retsenzent; SHAFRANOVSKIY, A.K., retsenzent; NOVITSKIY, G.I., inzh., retsenzent; VIKTOROV, I.I., kand.tekhn.nauk, retsenzent; VYSOTSKIY, A.F., kand.tekhn.nauk, retsenzent; SAATCHYAN, G.G., kand.tekhn.nauk, retsenzent; YAKOVLEVA, Ye.A., kand.tekhn.nauk, retsenzent; TITOV, V.P., kand.tekhn.nauk, retsenzent; GRUSHEVOY, N.G., inzh., red.; BROMBERG, Ye.M., kand.tekhn.nauk, red.; KHITROV, P.A., tekhn. red.

[Railroad tracks] Zheleznodorozhnyi put'. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961. 615 p. (MIRA 14:12)

1. Kafedra "Zheleznodorozhnyy put'" Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta (for Amelin, Konstantinov, Smirnov, Yakovlev). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (for Bochenkov, Bromberg, Yershkov, Zverev, Zolotarskiy, Ivashchenko, Linev, Markar'yan, Popov, V.V., Popov, S.N., Serebrennikov, Shafranovskiy, Novitskiy). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva (for Viktorov, Vysotskiy, Saatchyan, Yakovleva, Titov)

(Railroads—Track) (Railroad engineering)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.I.; PETROVA, V.L., inzh., red.; VOROB'YEVA, L.V., tekhn.red.

[Conditions of the rolling stock motion on switch tracks in a straight line; speeds and maintenance standards] Usloviia dvizheniia podvizhnogo sostava po priamomu puti stretlochnykh perevodov; skorosti i normy soderzhaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 81 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.229). (MIRA 15:8)
(Railroads--Switches) (Railroads--Train speed)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

AMELIN, S.V., prof., doktor tekhn.nauk; IVASHCHENKO, G.I., kand.tekhn.nauk; SMIRNOV, M.P., kand.tekhn.nauk; YAKOVLEV, V.F., kand.tekhn.nauk

Deformations and stresses in the 1/18 mark switches. Vest.TSNIIMPS 21 no.7:45-48 '62. (MIRA 15:12)

(Railroads—Switches)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

ZOLOTARSKIY, Aleksey Fedorovich; VERSHINSKIY, Sergey Vasil'yevich; YERSHKOV, Oleg Petrovich; IVASHCHENKO, Georgiy Ivanovich; SHESTYAKOV, Vladimir Nikolayevich; CHERNYSHEV, Mikhail Andreyevich, prof.; PERSHIN, S.P., red.

[Railroad tracks and rolling stock for high speed traffic conditions] Zheleznodorozhnyi put' i podvizhnoi sostav dlia vysokikh skorostei dvizheniia. Moskva, Transport, 1964. 271 p. (MIRA 18:10)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, Georgiy Ivanovich; SERGEYEVA, A.I., red.

[New railroad switches] Novye strelochnye perevody. Moskva, Transport, 1965. 68 p. (MIRA 18:9)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.M.

Simplification of the technic of preparation of elastic plastic AKR-9 for facial prostheses. Stomatologiia, Moskva no.2:57 1951. (CLML 20:11)

1. Lt. Col., Medical Corps. 2. Of Stomatological Polyclinic no. 111.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G. M., Lt. Col.

Nose - Abnormities and Deformities

Use of plastics in saddle nose surgery, Stomatologiia, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.M. (Chkalov)

Repairing broken removable plastic dental prostheses. Stomatologiia no.2:56 Mr-Ap '54. (MLRA 7:4)

(Artificial teeth)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.M.; TOKAREVA, A.G.

Local application of penicillin in ambulatory stomatological practice. Stomatologiia no.6:23-26 N-D '54. (MLRA 8:1)

1. Iz Chkalovskoy stomatologicheskoy poliklinikl.
(PENICILLIN, therapeutic use
stomatol. outpatients, local application)
(TEETH, diseases
ther. penicillin, local, ambulatory patients)
(OUTPATIENT SERVICE
teeth dis., ther. penicillin, local)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.M., kandidat meditsinskikh nauk (Chkalov)

A device for melting and removing waxes from cuvettes. Stomatologiia 35 no.3:58 My-Je '56. (MLRA 9:9)
(DENTAL INSTRUMENTS AND APPARATUS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

Ivashchenko, G.M.

IVASHCHENKO, G.M., kandidat meditsinskikh nauk (g. Chkalov)

On the possibility of implanting plastic teeth and radices.
Stomatologiia 36 no.4:52-53 Jl-Ag '57. (MIRA 10:11)
(DENTAL PROSTHESIS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, G.M., kand.med.nauk (Orenburg)

Case of fracture of the lower jaw in a newborn. Stomatologiia 37 no.2:69-70 Mr-Ap '58. (MIRA 11:5)
(JAWS--FRACTURE)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

TSULUKIDZE, A.P.; MURVANIDZE, D.D.; DVALI, R.F.; IVASHCHENKO, G.M.

Formation of a plastic reservoir for urine following total cystectomy. Urologiia 26 no.1:46-51 '61. (MIRA 14:3)
(BLADDER—SURGERY) (ACRYLIC ACID)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, I.

Bravo, Irbit! Za rul. 20 no.11:15 N '62. (MIRA 15:11)
(Irbit--Motorcycle racing)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, I.A.

Selecting parameters for cutting scroll-chuck rack bars.
Stan. i instr. 26 no.12:17-18 D '55. (MLRA 9:2)
(Gear cutting)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

IVASHCHENKO, I.A.

IVASHCHENKO, I.A., inzh.; SKOKOV, A.A., inzh.

Dividing engines used in machining grooves. Mashinostroitel' no.1: 5-6 Ja '58. (MIRA 11:1)

(Dividing engines)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000619310013-7

SOV/147-58-3-17/18

AUTHOR: Ivashchenko, I.A.

TITLE: Accuracy of the Linear Dimensions of Forgings (Tochnost' lineynykh razmerov shtampovok)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Aviatsionnaya Tekhnika, 1958, Nr 3, pp 135-145 (USSR)

ABSTRACT: An attempt is made to arrive at a justified selection of tolerances of the linear dimensions of forgings on the basis of experimental investigation of the accuracy of the vertical dimensions of drop forgings. The vertical dimensions of drop forgings can be sub-divided into the following two types: 1) the dimensions between surfaces or parts of a surface formed by the differing (top and bottom) halves of the stamping die ($L_1$, $L_2$ - Fig.1); 2) dimensions between surfaces produced by a single half (top or bottom) of the die ($L_3$ and $L_4$ - Fig.1). Statistical investigations were carried out in the forging shops of two engineering works for the purpose of determining the accuracy of the linear dimensions of drop forgings. As an example, the accuracy is considered of the dimensions of a forging

Card 1/3

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SOV/147-58-3-17/18

Accuracy of the Linear Dimensions of Forgings

as shown in Fig.1 (pulley shape). The dimensional analysis was carried out on 150 forgings produced during various shifts and intermixed during transportation and pickling. The results are plotted in curves, Fig.2. The measured dimensional data are entered in Table 1, p 138. It was found that the distribution of the inaccuracies in the linear dimensions of forgings correspond, with an accuracy which is sufficient for practical calculations, with the law of normal distribution. The inaccuracies in the dimensions between surfaces formed by the same (top or bottom) die is 1.2 to 2.5 times lower than the dimensional inaccuracy between surfaces formed by the top and the bottom dies respectively. The accuracy of any of the possible linear dimensions does not depend on specifications on the drawings but on how that surface forms. In solving dimensional chains, it is necessary to substitute several dimensions of the blanks by a single one and this will permit determining optimum dimensions of the blank and, consequently, it will permit reducing the

Card 2/3

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