

EXCERPTA MEDICA Sec. 14 Vol. 12/2 Radiology Feb 58
Lopatkin, N. A.

359. RENAL ANGIOGRAPHY AND ITS DIAGNOSTIC SIGNIFICANCE (Russian text). Lopatkin N. A. VESTN. KHIR. 1957, 78/1 (74-83) Graphs 1 Illus. 7

Aortography is best performed with translumbar puncture of the aorta. The technique is described in detail. In the course of the procedure, the blood pressure, ECG, pulse and respiration remain unaltered, also the blood levels of urea, glucose, cholesterol and bilirubin, the Takata-Ara reaction and the protein index. Occasionally, fresh erythrocytes are found in the urine; these disappear in 2 or 3 days. The results of renal function tests and the clearance values also remain the same. Angiography is a morphological and a functional examination method at the same time. It is indicated: 1) When urography has not given distinct results and pyelography is impossible; 2) in cases suspected of tumour, when urography and pyelography have yielded no definite results; 3) in unexplained haematuria; 4) in hydronephrosis, to determine the severity of the renal destruction and sometimes the aberrant vessel; 5) renal anomalies; 6) renal cysts; 7) renal vascular diseases; 8) renal tuberculosis, to determine the level of the possible resection; 9) renal hypertrophy; 10) diseases of other retroperitoneal organs, for the differential diagnosis; 11) affections of the abdominal aorta and its branches. Contraindications as for urography; renal insufficiency (uraemia), severe pulmonary diseases, active tuberculosis, exudative diathesis, hyperthyreosis, hypersensitivity to iodine and hepatic insufficiency. Renal angiography was carried out 60 times in 52 patients. In 18 cases the diagnosis could be made only on the basis of the aortographic data. With the exception of tuberculosis, the aortographic images of renal diseases are characteristic. Focal dilatation of the vascular network around the tumour, sparse, lengthened vessels: hydronephrosis; avascular part of the kidney; renal cyst. Complications, para-aortic diffusion of the contrast medium and oozing of the blood after puncture are unimportant. Injection into a branch of the aorta used to be dangerous when NaI was used as a contrast medium, but with the modern media this is harmless. It was only in one case that collapse was observed during aortography (renal hypertrophy). After blood transfusions this condition was soon overcome.

Chwatz - Lódz (IX, 14)

LOPATKIN, N.A., kand.med.nauk

~~Catheter for draining the bladder following adenomectomy. Urologia,~~
23 no.1:69-71 Ja-F '58. (MIRA 11:3)

1. Iz samostoyatel'nogo kursa urologii (zav.-prof. A.Ia.Pytel')
- II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.
(PROSTATE HYPERTROPHY, surg.
postop. catheter)
(CATHETERIZATION, appar. and instruments
catheter for use after prostate adenomectomy)

PYTEL', A.Ya., prof. (Moskva, 240, Kotel'nicheskaya nab., d. 1/15, kv.49);
LOPATKIN, N.A., dots.

Translumbar aortography in diagnosis on renal tumors; X-ray symptoms of various renal tumors [with summary in English]. Vest.khir. 81 no.12:42-49 D '58. (MIRA 12:2)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') 2-go Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(KIDNEYS, neoplasms

diag., translumbar aortography (Rus))

(ANGIOGRAPHY

aortography, translumbar, diag. value in tumor of kidneys (Rus))

ABRAMYAN, A.Ya., prof.; ATABEKOV, D.N., prof.; VOROBTSOV, V.I., kand. med. nauk; GASPARYAN, A.M., prof.; GREBENSHCHIKOV, G.S., prof.; DZHAVAD-ZADE, M.D., kand. med. nauk; DZHAYEVSKIY, L.I., dots., prof.; LOPATKIN, N.A., dots.; POMERANTSEV, A.A., dots.; PYTEL', A.Ya., prof.; RIKHTER, G.A., prof.; RUSANOV, A.A., prof.; SMIRNOV, A.V., prof.; SYROVATKO, F.A., prof.; TSULUKIDZE, A.P., prof.; SHAPIRO, I.N., prof.; EPSHTEYN, I.M., prof.; PETROVSKIY, B.V., prof., otv. red.; BAKULEV, A.N., akademik, red.; GULYAYEV, A.V., prof.; YEGOROV, B.G., prof., red.; KUPRIYANOV, P.A., prof., red.; PANKRAT'YEV, B.Ye., prof., red.; FILATOV, A.N., prof., red.; CHAKLIN, V.D., prof., red. GORELIK, S.L., red.; GABERLAND, M.I., tekhn. red.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Gos. izd-vo med. lit-ry. Vol.9. [Surgey of the urinary and genital organs and the retroperitoneal space] Khirurgiia mochevykh i polovykh organov i zabriushinogo prostranstva. 1959. 630 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Petrovskiy, Yegorov, Kupriyanov).

(RETROPERITONEAL SPACE--SURGERY)

(GENITOURINARY ORGANS--SURGERY)

LOPATKIN, Nikolay Alekseyevich, for Doctor of Medical Sciences on the basis
of the dissertation defended 19 October 1959 in the Council of the 2nd
Moscow State Medical Institute im. Pirogov, entitled: "Angiography of the
Kidneys". (BMVISO USSR, 2-61, 20)

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20

LOPATKIN, H.A., dots.; MEL'NIKOV, Yu.P.

~~Intubation anesthesia in urology. Urologia 24 no.2:3-11 Apr '59.~~

(MIRA 12:12)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') II Moskovskogo meditsinskogo instituta im. N.I. Pirogova.

(URINARY TRACT, surg.

intubation anesth. (Rus))

(ANESTHESIA, ENDOTRACHEAL,

intubation anesth. in urol. surg. (Rus))

LOPATKIN, N.A.

Complications in paranephral blockade. Urologiia 24 no.6:29-33
'59. (MIRA 13:12)

(LOCAL ANESTHESIA)

LOPATKIN, N.A., kand. med. nauk.; ZHIRNOV, A.P., kand. med. nauk.

Attachment to the URD-110-k4 x-ray apparatus for serial angiography.
Vest. rent. i rad. 34 no.1:67-68 Ja-F '59. (MIRA 12:3)

1. Iz urologicheskoy kliniki (zav. samostoyatel'nykh kursov urologii -
prof. A.Ya. Pytel') II M_oskovskogo meditsinskogo instituta imeni N.I.
Pirogova i eksperimental'nykh masterskikh (zav. D.S. Mitkevich)
Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii
i radiologii (dir. - dokt. I.G. Lagunova) Ministerstva zdravookhraneniya
RSFSR, Adres avtora: Moskva, Leninskiy pr., d. 20, kv. 9.

(ANGIOGRAPHY

serial, attachment for x-ray appar. URD-110-k4 (Rus))

LOPATKIN, N.A.; MAZO, Ye.B.

Intubation anesthesia in aged urological patients. Urologia 25
no. 5:12-19 S-O '60. (MIRA 14:1)
(UROLOGY) (INTRATRACHEAL ANESTHESIA)
(GERIATRIC ANESTHESIA)

LOPATKIN, N.A.

Unusual forms of pheochromocytoma of the adrenals. Urologia
25 no.2:42-46 Mr-Apr '60. (MIRA 13:12)
(ADRENAL GLANDS—TUMORS)

LOPATKIN, Nikolay Alekseyvich; GOL'DIN, G.I., red.; LYUDKOVSKAYA,
N.I., tekhn. red.

[Translumbar aortography] Transliumbal'naia aortografiia.
Moskva, Medgiz, 1961. 192 p. (MIRA 17:3)

PYTEL', A.Ya., prof.; GOLIGORSKIY, S.D., doktor med. nauk; DZHAVAD-
ZADE, M.D., kand. med. nauk; LOPATKIN, N.A., doktor med. nauk;
GOL'DIN, G.I., red.; POCOSKINA, M.V., tekhn. red.

[Artificial kidney and its clinical use] Iskusstvennaia poch'ra
i ee klinicheskoe primeneniye. Pod red. i s predisl. A.IA.Pytelia.
Moskva, Medgiz, 1961. 291 p. (MIRA 15:10)
(KIDNEYS, ARTIFICIAL)

TEMKIN, Izrail' Solomonovich, doktor med. nauk; LOPATKIN, N.A., red.;
LYUDKOVSKAYA, N.I., tekhn. red.

[Tumors of the urinary bladder caused by cancerogenic amino
compounds] Opukholi mochevogo puzyria, vyzvannye kantsero-
gennymi aminosodineniami. 2., dop. i perer. izd. Moskva,
Medgiz, 1962. 329 p. (MIRA 15:4)

(BLADDER—CANCER)

(AMINO COMPOUNDS)

LOPATKIN, N. A., -doktor med. nauk; MAZO, Ye. B.

Complications and hazards in changing Pezzer's catheter. Urologia
no.3:16-21 '61. (MIRA 14:12)

1. Iz urologicheskoy kliniki (zav. - prof. A. Ya. Pytel') II
Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(UROLOGY) (CATHETERS)

PYTEL', A.Ya., prof.; LOPATKIN, N.A., doktor med.nauk

Artificial kidney in the treatment of patients with acute renal
insufficiency. Urologia no.5:15-24, '61. (MIR: 14:11)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') II
Moskovskogo meditsinskogo instituta na baze 1-y Moskovskoy
gorodskoy bol'nitsy imeni N.I. Pirogova.
(KIDNEYS--DISEASES) (ARTIFICIAL KIDNEY)

LOPATKIN, N.A.

Renal angiography and its importance in the diagnosis of tumors
of the kidneys and adrenal glands. Vest. AMN SSSR 16 no.8:72-77
'61. (MIRA 14:12)

1. Urologicheskaya klinika II Moskovskogo meditsinskogo instituta
imeni Pirogova.
(KIDNEYS__TUMORS) (ADRENAL GLANDS__TUMORS)
(ANGIOGRAPHY)

PYTEL', A.Ya.; LOPATKIN, N.A.

Urolithiasis in pregnant women. Urologia no.3:23-28 '62.

(MIRA 15:5)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') II
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(CALCULI, URINARY)

(PREGNANCY, COMPLICATIONS OF)

LOPATKIN, N.A., doktor med.nauk

Abdominal aortography and its clinical significance. Urologia
no.1:26-32 '62. (MIRA 15:11)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') II
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(ANGIOGRAPHY) (KIDNEYS--DISEASES)

PYTEL', A.Ya.; LOPATKIN, N.A.

Diagnosis of stenosing lesions of the renal artery leading to hypertension. Urologia no.1:3-12'63. (MIRA 16:7)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya. Pytel') II
Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.
(RENAL ARTERY—DISEASES) (HYPERTENSION)

LOPATKIN, N.A., doktor med.nauk (Moskva)

"Surgical treatment of nephroptosis" by D.D.Murvanidze. Re-
viewed by N.A.Lopatkin. Urologia 28 no.2:79-81 Mr-Ap'63.
(MIRA 16:6)

(KIDNEYS, MOVABLE) (MURVANIDZE, D.D)

PYTEL, A.J.; LOPATKIN, N.A.; KUCZYNSKI, J.N.

Hemodialysis in the treatment of acute renal failure caused
by the introduction into the uterine cavity of Rivanol solution.
Pol. arch. med. wewn. 33 no.10:1203-1210 '63.

1. Z Kliniki Urologicznej II Moskiewskiego Med. Instytutu im.
N.J. Pirogowa Kierownik: prof. dr A.J. Pytel.
(ACRIDINES) (ACUTE RENAL FAILURE)
(ABORTION, LEGAL) (KIDNEY, ARTIFICIAL)
(HEPATITIS, TOXIC)

LOPATKIN, N.A., prof.

Diagnosis and treatment of solitary serous cysts of the kidney.
Urologia. 29 no.2:12-17 Mr-Apr '64. (MIRA 18:7)

1. Urologicheskaya klinika (sav. - chlen-korrespondent AN SSSR prof.
A.Ya. Pytel') II Moskovskogo meditsinskogo instituta imeni Pirogova.

PYTEL', A.Ya., prof.; LOPATKIN, N.A., prof.

Nephroptosis and arterial hypertension. Urol. i nefr. 30 no.1:5-
13 Ja-F '65. (MIRA 18:11)

1. Urologicheskaya klinika (zav. - chlen-korrespondent AMN
SSSR prof. A.Ya.Pytel') II Moskovskogo meditsinskogo instituta
imeni N.I.Pirogova.

LOPATKIN, O. N., BASOVA, N. N., CHERNIKOVA, T. M., SUCHKOV, YU. G.

"Characteristics of the "Dagestan 273" virus strain isolated from a sand rat." p. 57

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 254pp.

BASOVA, N.N.; CHERNIKOVA, T.M.; SUCHKOV, Yu.G.; LOPATKIN, O.N.

Study of the properties of a virus isolated from a woodcock
(Grocethia alba Pall.). Vop.virus. 5 no.3:286-292 My-Je '60.
(MIRA 13:9)

1. Nauchno-issledovatel'skiy protivochumnyy institut Kavkaza i
Zakavkaz'ya, Stavropol',
(VIRUSES)

LOPATKIN, O.N., aspirant

Antigens derived from cultured *Treponema pallidum* for the immunofluorescence reaction in the serodiagnosis of syphilis. Uch. zap. Stavr. gos. med. inst. 12:178-179 '63.

Use of the immunofluorescence reaction with cultural *Treponema pallidum* in serodiagnosis of syphilis. Ibid.:180-181

(MIRA 17:9)

1. Kafedra mikrobiologii (zav. prof. R.R. Gel'tser) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

LOFARIN, S. V.

Vet. Dr.

" Group treatment of gastroenterocolitiosis pigs with osarsol."

Veterinariya, Vol. 37, No. 1, 1960, p. 45

. LOPATKIN, S. V., (Veterinary Surgeon of the Kievo-Sviatoshin Cattle Feed and Procurement Station)

Practical experience with an instrument for injection

Veterinariya vol. 38, no. 10, October 1961, pp 63

LOPATKIN, S.V., veterinary vrach

Experience with [Shilov's] device for injections. Veterinaria
38 no.10:63 0 '61. (MIRA 16:2)

1. Kiyev-Svyatoshinskiy punkt po otkrytiyu i zakupke skota.
(Veterinary instruments and apparatus)

LOPATKIN, S.V., veterinarnyy vrach

Group treatment of swine with osarsol in gastroenterocolitis.

Veterinariia 37 no.1:45-46 Ja '60. (MIRA 16:6)

(Swine--Diseases) (Acetarstone)

LOPATIN, Vilsily Grigor'yevich

W/5
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ROL' SOVETSKOY TORGOVLI V SOTSIALISTICHESKOM VOSPROIZVODSTVE (ROLE OF
SOVIET TRADE IN SOCIALISTIC EXPANSION) MOSKVA, GOSTORGIZDAT, 1956. 35 p.
TABLES. BIBLIOGRAPHICAL FOOTNOTES.

LOPATKIN, V.G., kand.ekon.nauk, red.; NIKULINA, Z.R., red.; SUDAK, D.M.,
tekh.n.red.

[Collected scientific works of the Scientific Research Institute
for Trade and Public Food Service] Sbornik nauchnykh rabot. Pod
red.V.G.Lopatkina. Moskva, Gos.izd-vo torg.lit-ry, 1957. 127 p.
(MIRA 13:12)

1. Moscow. Nauchno-issledovatel'skiy institut torgovli o obshchest-
vennogo pitaniya.

(Food industry)

ЛОПАТКИН, В.Г.

NOVOZHILOV, I.V., kand. ekon. nauk; LOPATKIN, V.G., red.; NAUMOV, K.M.,
tekhn. red.

[National income of a socialist society; lecture read at the Higher
Party School in Khabarovsk] Natsional'nyi dokhod sotsialisticheskogo
obshchestva; lektziia, pročitannaia v Khabarovskoi vysshei partii-
noi shkole. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1958.
25 p. (MIRA 11:7)

(Income)

KOCHEGAROV, I.A.; LOPATKIN, V.G., red.; NAUMOV, K.M., tekhn.red.

[Public labor under socialism] Obshchestvennyi trud pri
sotsializme. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1958.
66 p. (MIRA 12:2)

(Labor and laboring classes)

LOPATKIN, Vasily Grigor'yevich; KUDRYAVTSEV, S.P., red.; NAUMOV, K.M.,
tekh.red.

[Remuneration based on work and ways to carry it out] Raspredelenie
po trudu i formy ego osushchestvleniia. Moskva, Izd-vo VPSH i AON
pri TsK KPSS, 1960. 52 p. (MIRA 13:9)
(Wage systems) (Collective farms--Income distribution)

VOLKOV, M.I., dots.; KOROLEV, S.A.; ~~LOPATEV, V.G., dots.~~; TOKAREV, A.P.;
KOZLOVA, G.A., prof., red.; KOKOSHKO, A.G., red.; MARTYNOVA,
M.N., tekhn. red.

[Socialist means of production] Sotsialisticheskii sposob
proizvodstva. Moskva, Izd-vo "Mysl'." No.3. [Funds of
socialist enterprises and the formation of net income in a
socialist enterprise] Fondy sotsialisticheskikh predpriatii
i obrazovanie chistogo dokhoda v sotsialisticheskom khoziai-
stve. 1964. 186 p. (MIRA 17:4)

1. Kommunisticheskaya Partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola. Kafedra politicheskoy ekonomii.

L 39072-16 EWI(m)/DWP(1) IIP(1) RM/DH
 ACC NR: AP6021973 (A) SOURCE CODES: UR/0153/56/009/002/0310/0310

AUTHOR: Lopatkin, Ya. M.; Voskresenskiy, V. A.

ORG: Department of Polymer Chemistry and Technology, Kazan Engineering and Construction Institute (Kafedra khimii i tekhnologii polimerov, Kazanskiy inzhenerno-stroitel'nyy institut)

TITLE: Thermographic study of polyvinyl chloride - polar plasticizer systems

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 2, 1966, 310-313

TOPIC TAGS: polyvinyl chloride, plasticizer, thermographic analysis

ABSTRACT: The differential thermal method was used to study the plasticization of polyvinyl chloride (PVC) with polar plasticizing admixtures, and the influence of the latter on the nature of secondary supermolecular structures was determined. The systems consisted of combinations of PVC with dinonyl phthalate, triphenyl phosphate, ortho-tolidine, 4-aminobiphenyl, and 4,4'-dinitrobiphenyl. An FPK-59 photorecording pyrometer was employed. The observed endothermic and exothermic processes, due to the presence of the plasticizers, are interpreted from the standpoint of present-day concepts of the structure of polymers and their plasticization. Orig. art. has: 4 figures.

SUB CODE: 11/ SUEM DATE: 14May64/ ORIG REF: 008/ OTH REF: 001

Card 1/1 07/ UDC: 539.199.581.66

SHVEDUMOV, A.I.; LOPATKIN, Ye.I.

Smelting carbon steel in acid electric furnaces by the
silica reduction process with grog slag. Lit.proisv. no.2:
5-7 F '56. (MLRA 9:6)
(Steel--Electrometallurgy) (Reduction, Electrolytic)

CA Lopatkin, Yu. B.

110

The role of carotenoids in photosynthesis. D. I. Sapozhnikov and Yu. B. Lopatkin (V. L. Komarov Botan. Inst., Acad. Sci. U.S.S.R.) *Dokl. Akad. Nauk S.S.S.R.* 72, 413-15 (1950).—Expts. with a wide variety of plants showed that under conditions favorable to photosynthesis the ratio of carotene to xanthophyll changes: the former rises, the latter declines; retardation of the dark reaction of photosynthesis (using as narcotics iso-AmOH or Bt_2O) shifts the relation in the opposite direction, increasing xanthophyll. The sum remains essentially constant. G. M. Kosolapoff

SAPOZHNIKOV, D.I.; LOPATKIN, Yu.B.; CHEKHONINA, N.S.

Index of the relationship of light and dark reactions of photosynthesis.
Trudy Bot.inst. Ser.4 no.9:118-122 '53. (MLRA 6:6)

1. Botanicheskiy institut imeni V.L. Komarova akademii nauk SSSR.
(Photosynthesis)

LOPATKINA, G.A.; BOGACHOV, G.N.; VOLEYKO, N.S.

Effect of the intensity of mixing on the dimensions of crystals
formed during decomposition of sodium fluorosilicate by sodium
carbonate solutions. Zhur.prikl.khim. 35 no.10:2180-2184 0 '62.
(MIRA 15:12)

(Sodium fluosilicate)(Sodium carbonate)(Crystals)

BEZRUKAVNOVA, L.I., kand.ekonom.nauk, red.; ZSYDER, N.B., prof., red.;
LOPATKINA, V.S., dotsent, red.; TSYPKIN, A.L., prof., red.

[Problems in the development of collective farming at the present
stage] Nekotorye voprosy razvitiia kolkhoznogo stroia na sovre-
mennom etape; sbornik statei. Saratov, 1960. 166 p.

(MIRA 14:4)

1. Saratov, Yuridicheskiy institut.
(Collective farms)

L 05894-67 EWP(j)/EWT(m) IJP(c) JW/RM

ACC NR: AR6031263 (A) SOURCE CODE: UR/0081/66/000/011/S042/S042

AUTHOR: Lopatinskiy, V. P.; Shekhirev, Yu, P.; Sirotkina, Ye. Ye.

TITLE: Interaction of amines with vinyl esters. III. Vinylation of diphenylamine with vinyl acetate and the synthesis of the N-vinyl diphenylamine polymer

SOURCE: Ref. zh. Kimiya, Part II, Abs. 11S258

REF SOURCE: Izv. Tomskogo politekhn. in-ta, v. 126, 1964, 55-57

TOPIC TAGS: amine, vinyl ester, vinylation, diphenylamine, vinyl acetate, polymerization, diphenylamine polymer

ABSTRACT: The optimum conditions for the vinyl exchange between diphenylamines and vinyl acetate are provided when the reaction is carried out for 10 hours in an acetone solution in the presence of $HgSO_4$ at 20C. The resulting N-vinyl diphenylamine polymerizes directly in this reaction medium, forming polymers during the vinyl acetate conversion of 90—100%. With a yield of 72—73%, a fraction is obtained which is insoluble in methanol and consists of a white amorphous powdered polymer with a molecular weight of 800—1050, and a melting point of 115—130C. The polymer is soluble in aromatic hydrocarbons, chlorobenzene, dioxane,

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L 05094-67

ACC NR: AR6031253

chloroform, and pyridine, only slightly soluble in methanol and ethanol, and insoluble in water. The specific volume resistance is 10^{15} ohm/cm, dielectric permeability is 2.8 (at a frequency of 10^5 cps). The reaction under other conditions at 0, 10, 30, 40C and 4, 6, 8 hours in acetone and dioxane produces a polymer with a yield of 8—60%, while no reaction takes place in pyridine, ether, and nitrobenzene. Orig. art. has: 11 photographs. RZhKhim, 1966, 3Zh145. V. Kopylov. [Translation of abstract]

SUB CODE: 07/

kl:

Card 2/2

7(1)

SOV/32-24-12-18/45

AUTHORS:

Lopatko, I. F., Usoskin, G. I.

TITLE:

Method for Measuring the Thickness Using the Ultrasonic Impulse Thickness Gage (Metodika izmereniya tolshchiny s ispol'zovaniyem ul'trazvukovogo impul'snogo tolshchinomera)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12, pp 1464-1467 (USSR)

ABSTRACT:

The measurement of the thickness of objects which only present one accessible surface for measurement (walls of autoclaves, piping, etc.) is of greatest importance with regard to corrosion and erosion requirements. It was for this purpose that the apparatus mentioned in the title was constructed. This apparatus makes it possible to measure thicknesses of 1 or 2 to 30 mm. The error involved is a maximum of 2% with thicknesses of 2-5 mm, and is 1% maximum with thicknesses of 5-30 mm. The diameter of the piezo vibrators in the apparatus is 13 mm, but this can be reduced to 5-7 mm. A 6Ye5S electron-optical indicator was used. The determination with this apparatus is based upon measuring the time interval between two impulses which are reflected from the opposite surface. Since the

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Method for Measuring the Thickness Using the Ultrasonic Impulse Thickness Gage

SOV/32-24-12-18/45

velocity of the ultra-sound in the particular medium is known the thickness can be determined from measuring this time interval. A schematic representation of the thickness gage is given together with the experimental arrangement (Figs 1,3) and a measurement diagram (Fig 2) with corresponding appropriate explanations and calculation formulae. There are 4 figures.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina) (Leningrad Electrotechnical Institute imeni V. I. Ul'yanov (Lenin))

Card 2/2

OSTASHKO, F.I., kand. biolog. nauk; LOPATKO, M.I., kand. biolog. nauk

Improvement of refrigerating apparatus. Veterinaria 42 no.7:
104-106 J1 '65. (MIRA 18:9)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva lesostepi
i Poles'ya UkrSSR.

OSTASHKO, Fedor Ivanovich, kand. biol. nauk; SERDYUK, Sergey Ivanovich,
kand. biol. nauk; LOPATKO, Mikhail Ivanovich, aspirant;
SMIRNOV, O.V. [Smayrnov, O.V.], red.; CHEREVATSKIY, S.A.
[Cherevats'kyi, S.A.], tekhn. red.

[Preserving animal semen] Zberihannia sim'ia tovaryn. Kyiv,
Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1962. 75 p.
(MIRA 16:4)

(Semen--Preservation)

24.7.00
18.7200

67026

SOV/137-59-10-22494

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 10, p 181 (USSR)

AUTHORS: Lopatko, N.F., Dianov, S.V.

TITLE: Ultrasonic Flaw Detection of Weld Joints in Austenite Steel

PERIODICAL: V sb.: Metody kontrolya kachestva svarn. shvov i konstruktsiy, Leningrad, 1958, pp 109 - 117

ABSTRACT: The author revealed the possibility of ultrasonic flaw detection in thick weld joints as applied to high and low pressure welded rotors of gas turbines. The "UZD-12" flaw detector designed by the Leningrad Institute of Electrical Engineering was used for tests. The rotor consists of "EI-405" steel disks welded onto each other with "TsT-7" and "TsT-15" electrodes. The seam depth is 90 mm, the width is 45 - 50 mm. After welding the rotor was subjected to stabilization at 850°C, for 10 hours, with subsequent slow cooling. It was not possible to apply ultrasonic oscillations from the side of the base metal by a straight rod in radial direction; they were applied under an angle directly to the seam metal. The author determines the dependence of damping of ultrasonic oscillations in austenite seams on the frequency of oscillations. The coefficient of

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Ultrasonic Flaw Detection of Weld Joints in Austenite Steel

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damping of austenite seams is considerably higher than that of pure Fe with relatively coarser grains. It was stated that if $\lambda / D \sim 1$, where λ is the ultrasonic wavelength and D is the grain diameter, the frequency has only a slight effect on damping; this proves the existence of diffusion dispersion. Prismatic double tongs are suggested for operation at lower frequencies. Experiments confirmed that the coarse crystalline structure of built-up metal in stabilized state was able to reflect ultrasonic waves, which were received as defects on the flaw detector screen. The investigations were conducted with the use of ultrasonic oscillations of 2.5 Mc frequency; the radial sound depth was not over 10 - 15 mm. A special flaw detector with a depth gage was designed to detect the depth of the defect location and equipped with a set of double prismatic tongs of a new design, operating at low frequency (0.8 Mc).

I.A.

4

Card 2/2

CZECHOSLOVAKIA/Soil Science. Tillage. Land Reclamation. Erosion. J-5

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24844.

Author : Lopatnik, Jozef.

Inst :

Title : The Problem of the Cultivation of Salty Soils in
Southern Slovakia.

Orig Pub: Za vysokou urodu, 1957, 5, No 1, 6-8.

Abstract: No abstract.

Card : 1/1

LOPATNIK, Josef, inz., CSc.

Operations following the chemical improvement of saline soils.
Pt. 3. Rost výroba 9 no. 12:1275-1282 D '63.

1. Vyzkumny ustav zavlahoveho hospodarstva, Bratislava,
riaditel inz. ! Santa CSc.

BUCHNEV, K.N., prof.; UVALIYEV, I., starshiy prepodavatel'; OMAROV, K.S., dotsent; GLEBOVA, V.N., dotsent; LOPATNIKOV, G.I., assistant; SAMOYLOV, H.G., assistant

Besnoitiosis of cattle in the Lake Balkhash region. Veterinariia
41 no.5:59-63 My '64. (MIRA 18:3)

1. Alma-Atinskiy zooveterinarnyy institut.

LOPATNIKOV, G.I., veterinarnyy vrach. (Sele Narynkel, Alma-atinsky oblasti)

Treatment of lymphangitis in horses. Veterinariia 31 no.8:32

Ag '54. (MIRA 7:9)

(HORSES--DISEASES) (BLASTOMYCOSIS)

BUCHNEV, K.N., prof.; LOPATNIKOV, G.I., kand.veterin.nauk; OMAROV, K.S., kand.
veterin.nauk; GLEBOVA, V.N., kand.veterin.nauk; UVALIYEV, I.U., kand.
veterin.nauk; SAMOYLOV, N.G., assistent

Infectious pustular dermatitis in sheep. Veterinariia 40 no.9:27-28
S '63. (MIRA 17:1)

1. Alma-Atinskiy zooloogicheskii institut.

LOPATNIKOV, L. (stantsiya Khot'kovo, Moskovskoy oblasti)

Individual approach. Izobr. i rats. no.8:14-16 Ag '59.
(MIRA 13:1)

(Research, Industrial)

DAVYDOV, Yu.; LOPATNIKOV, L.; GLYAZER, L., red.

[Economists and mathematicians at the round table; materials]
Ekonomisty i matematiki za "Kruglym stolom"; materialy. Moskva, Ekonomika, 1965. 206 p. (MIRA 18:4)

1. Soveshchaniye za "Kruglym stolom." Moscow, 1964.

LOPATNIKOV L. (g.Kolomna)

Public design offices: Their unsolved problems. Izobr. i rats.
no.6:24-26,39 Je '61. (MIRA 14:6)

(Kolomna--Diesel locomotives--Technological innovations)

LOPATNIKOV, Leonid Isidorovich; KANTER, A.I., red.; RAKITIN, I.T.,
~~tekhn. red.~~

[Technology and economics] Tekhnika i ekonomika. Moskva,
Izd-vo "Znanie," 1964. 79 p. (Narodnyi universitet kul't-
tury: Tekhniko-ekonomicheskii fakul'tet, no.2)
(MIRA 17:3)

LOPATNIKOV, M.I.; KOROLEVA, G.S.

First find of diatoms in the Ergheni sediments of the Oka-
Don Lowland. Izv. AN SSSR. Ser. geol. 29 no.11:102 N '64.
(MIRA 17:12)

LOPATNIKOV, M.I.

Marine neogene in the center of the East European plain. Dokl.
AN SSSR 160 no.4:905-906 P '65. (MIRA 18:2)

L. Geologicheskoye upravleniye tsentral'nykh rayonov, Moskva.

LOPATNIKOV, M.I.; SHIK, S.M.

Marginal formations of the Valdai and Moscow glaciations in the central part of the East European Plain. Trudy Kom. chetv. per. 21:113-117 '63. (MIRA 16:10)

1. Geologicheskoye upravleniya tsentral'nykh rayonov.

ZABIROV, R.D.; ~~LOPATNIKOV, M.I.~~

Some data on terrace deformations of Lake Issyk-Kul' in the
Koyarsa region. Trudy Otd.geog.i Tian.fiz.-geog.sta.AN Kir.
SSR no.1:143-146 '58. (MIRA 12:2)
(Koyarsa region--Physical geography)

LOPATNIKOV, M.I. SHIK, S.M.

Boundary position of the Quaternary glaciation in Smolensk and
Kalinin Provinces. Mat.po geol.i pol.iskop.tsentr.raion.evrop.
chasti SSSR no.5:123-131 '62. (MIRA 16:6)
(Smolensk Province--Glacial epoch)
(Kalinin Province--Glacial epoch)

LOPATNIKOV, S. N.

Bee Culture - Saratov Province

Compulsory rules for keeping and raising bees in Saratov Province. Pchelovodstvo 30,
No. 2, 1953.

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

LOPATNIKOV, S. N.

5758. Pchela i pcheyov^{1b}odestva. Posobie dlya Pcheyov^{1b}odov kol'khoz. i sovkhov. Pasek. Pod red. I.Z. Zakharova. Saratov, Kn. 120., 1954. 220s. s ill. 20cm. 5.000 ekz. 2 R. 95 k-Bibliogr: s 217. -(ss-1607) p 638.1+ (016.3)

SO: Knizhnaya, Letopis, Vol. 1, 1955

ZAKHAROV, Leonid Zakharovich, doktor biolog. nauk, prof.; LOPATNIKOV,
Sergey Nikolayevich, prepodavatel' pchelovodstva; SHVANVICH, Boris
Nikolayevich, doktor biolog. nauk, prof. [deceased]; SINITSINA, K.M.,
red.; LUKASHEVICH, V.K., tekhn. red.

[Bees and bee culture; manual on beekeeping] Pchela i pchelovodstvo;
posobie dlia pchelovodov. Saratov, Saratovskoe knizhnoe izd-vo,
1960. 261 p. (MIRA 14:9)

(Bee culture)

LOPATNIKOV, V.I.

Method of noncontact conductometry. Dokl. AN SSSR 138 no. 5:1066-
1068 Je '61. (MIRA 14:6)

1. Chernomorskoye otdeleniye Morskogo gidrofizicheskogo instituta
AN SSSR. Predstavleno akademikom P.A. Rebinderom.
(Conductometric analysis)

LOPATNIKOV, V.I.

Analysis of the monsoon field over the sea in the case
of a complexly shaped coast line. Dokl. AN SSSR 147
no.2:353-356 N '62. (MIRA 15:11)

1. Chernomorskoye otdeleniye Morskogo gidrofizicheskogo
instituta AN UkrSSR. Predstavleno akademikom V.V. Shuleykinym.
(Monsoons)
(Meteorology, Maritime)

GORBATSEVICH, S.V.; LOPATNIKOVA, A.N., SVETLAROVA, L.F., SHIGORIN, V.F.

Changeover in the U.S.S.R. to new 820 ohm resistance standards.
Trudy inst. Kom. stand. mer. i izm. prib. no.67:5-11 '62. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni
Mendeleeva.

LOPATNIKOVA, I.V.

Residual thin-walled cavities. Probl. tub. 41 no.9:73-74'63
(MIRA 17:4)

1. Iz 1-go terapevticheskogo otdeleniya (zav. N.Yu. Burova)
Moskovskoy gorodskoy tsentral'noy klinicheskoy tuberkuleznoy
bol'nitsy (glavnyy vrach - zasluzhennyy deyatel' nauki prof.
V.L.Kynis).

Translation from: Referativnyy zhurnal, Geologiya, 1957, nr 5, p 92 (USSR) 16-57-5-6321D

AUTHOR: Lopatnikova, L. Ya.

TITLE: Study of Hydration of Aluminates and Alumoferrites of Calcium by Means of Petrographic Analysis (Izucheniye protsessov gidratatsii alyuminatov i alyumoferritov kal'tsiya metodom petrograficheskogo analiza)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Vses. n.-i. in-t stekla (All-Union Scientific Glass Institute), Moscow, 1955.

ASSOCIATION: Vses. n.-i. in-t stekla (All-Union Scientific Glass Institute)

Card 1/1

Lopatin, K. A., et al.

4600

/ Structure of cement and strength of concrete during prolonged
 hardening. B. G. SHERMANTSEV, O. M. ASTREVA, AND L. YA.
 LOPATNIKOVA. *Trudy Vuzovskogo Nauchno-Issledovatskogo Instituta
 Stroitelstva i Arhitektury* 1968, No. 1, p. 11. Portland cement
 concrete 16 to 17 years old showed about same strength 600 to
 778 kg/cm². The structure remained gel-like during a pro-
 longed time. Newly formed crystalline products after 16 to 17
 years are so small that optical constants and form of the crystals
 could not be determined. The structure retained fragments of
 cement clinker amounting to 30 to 40%. These fragments con-
 sist of crystals of alite and belite and an intermediate substance.
 There was no selective hydration of clinker minerals. During
 prolonged hardening clinker minerals of slag Portland cement
 hydrated completely, but the fragments of slag glass did not
 change. B. Z. K.

(2)

CM

LOPATNIKOVA, L. YA.

USSR/Chemical Technology. Chemical Products and their Application.
Glass. Ceramics. Construction Materials.

J-12

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27758

Author : O.M. Astreyeva, L. Ya. Lopatnikova.

Inst :

Title : Hydrosulfoaluminate Composition.

Orig Pub: Sb. nauchn. rabot po khimii i tekhnol. silikatov. M., Prom-
stroyizdat, 1956, 34-37.

Abstract: It is established that the hydrosulfoaluminate of the composition $4CaO \cdot Al_2O_3 \cdot 0.2Fe_2O_3 \cdot 3CaSO_4$ is produced at the hydration of C_4AF with gypsum, and the hydrosulfoaluminate $3CaO \cdot 2.3Al_2O_3 \cdot 3CaSO_4$ aq. is produced at the hydration of CA with gypsum.

Card : 1/1

-112-

LOPATNIKOVA, L.Ya.
ASTREYEVA, O.M., kand.tekhn.nauk; *LOPATNIKOVA, L.Ya.*, kand.tekhn.nauk.

Composition and properties of hydrated calcium aluminate sulfate.
TSement 23 no.6:11-15 N-D '57. (MIRA 11:1)
(Calcium aluminate sulfate--Analysis)
(Electron microscopy)

BUDNIKOV, P.P.; ROYAK, S.M.; LOPATNIKOVA, L.Ya.; DMITRIYEV, A.M.

Composition and stability of calcium hydrosilicates subjected to hydrothermal treatment at 700 atm. and 200 C. Dokl. AN SSSR 134 no.3:591-594 S '60. (MIRA 13:9)

1. Chlen-korrespondent AN SSSR (for Budnikov).
(Calcium silicate)

LOPATNIKOVA, L.Ya., kand. tekhn. nauk; GRIKEVICH, L.N., inzh.; KLEMENT'YEVA,
V.S., inzh.

Petrographic studies of synthetic barium-manganese slag. Trudy
NIITsment no.19:98-106 '63. (MIRA 17:11)

LOPATNIKOVA, L.Ya., kand. tekhn. nauk; GUSEVA, V.I., inzh.

Hydration kinetics of tricalcium silicates. Trudy NIISement no.18:
63-74 '69. (MIRA 18:9)

LOPATNIKOVA, L.Ya., kand. tekhn. nauk

Petrographic method of controlling the quality of cement. Trudy
NIITsement no.18:75-86 '63. (MIRA 18:9)

31826
S/194/61/000/010/027/082
D222/D301

9.7140 (also 1147)

AUTHORS: Kiknadze, L.G. and Lopatnikova, T.M.

TITLE: Investigating the second stage of the magnetic decoder for the operational storage unit of the БЭСМ-2 (BESM-2) computer

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 10, 1961, 29, abstract 10 B193 (Gamotvlity tsentris shromebi. Metsinerebata Akademia Sakartvelos SSR, Tr. Vychisl. tsentra. AN GruzSSR, 1960, 1, 283-295)

TEXT: The possibility of using a second 8 x 8 stage in the magnetic decoder of the Z type memory unit with two cores per digit was investigated. The total capacity of the storage unit is 4096 words. The first stage of the decoder of 64 x 64 size is built with the standard coordinate triggers of the memory unit of BESM-2. Three variants of the second stage were investigated and

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Investigating the second stage...

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a version which uses a constant bias (7.6 ampere-turns) and coincident X and Y current pulses was adopted. The cores investigated were marks K-28, BT -1 (K-28, VT-1), and ribbon-wound. The great temperature stability of the latter is stressed. The final variant uses VT-1 cores of 5 x 3 mm size. The output current of the second stage of the decoder is 1.6 amps \pm 10%. In the output stages of the X and Y current drivers it is useful to replace the Γ Y-50 (GU-50) tubes by two parallel connected 6N13C (6P13S) tubes. The driving current is 1.4 amps, the duration of the pulses is 1 microsecond. 11 figures. [Abstracter's note: Complete translation]

Card 2/2

S/774/60/001/000/012/012

AUTHORS: Kiknadze, L.G., Lopatnikova, T.M.

TITLE: Investigation of the second stage of the magnetic decoder for the memory of the Б3СМ (BESM) -2 computer.

SOURCE: Akademiya nauk Gruzinskoy SSR. Vychislitel'nyy tsentr. Trudy. v. 1. 1960, 283-295.

TEXT: The paper describes the design problems involved in the making of a dependable operative memory-storage unit for high-speed computers. The utilization of magnetic materials, namely, ferrites, having a rectangular hysteresis loop (RHL), has made possible a great step forward in the solution of this problem. The paper describes the current Soviet memory unit based on the use of ferrites, designed according to the so-called "Z" principle, which offers an advantage over the matrix-type by the unbounded intensity of the counting current which permits the forced magnetic polarity reversal (MPR) of the memory core and which provides means for obtaining a high-amplitude signal through an elevated rate of change of the flux, $d\Phi / dt$. The Z-type memory is described in detail. In order that the load of the coordinate transformer and, consequently, its output current remain constant and do not change as a function of the code, a load stabilization is applied. For that

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Investigation of the second stage of the magnetic S/774/60/001/000/012/012

purpose the Z-type memory equipment developed at the ITMiVT (Institute of Precision Mechanics and Computer Engineering), AS USSR, is equipped with a method of load stabilization by means of compensation cores. In that instance every cell that contains the code of a single digit of a binary number consists of two cores, an operating and a compensating one. The functioning of such a cell is described. A description and schematic diagram is shown of the design of the control equipment of a memory cube for 4,096 numbers. The proposed magnetic decoder comprises an ordinary network of transformers operating in a switching mode. It has 8 inputs on each side and 64 outputs. Upon excitation of one of the 6 X-buses and also Y-buses, a MPR occurs in the decoder in the one transformer that lies on the intersection of the excitation currents, and the desired channel current is issued into the network from the coordinate transformers. At that time, 7 transformers along each axis will be semiexcited and will issue noise currents. Two such decoders are needed. A solution leading to a more satisfactory result is shown in a "cross"-solution consisting of 8 series-connected transformers for each coordinate x and y. Details of the circuitry are explained and depicted graphically. The intensity of the resulting signals, both of negative polarity (code "1") and of positive polarity (code "0") lie between 400 and 600 mv, that is, within the range prescribed by the Engineering Specifications for the signals from the memory cube of the BESM-2 machine. Changes in the frequency of 100 kcps and below do not affect the intensity of the

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Investigation of the second stage of the magnetic S/774/60/001/000/012/012

signals in the memory block. The application of this supplementary magnetic decoder in the control of the magnetic operative memory-storage unit provides a significant decrease in the amount of equipment and facilitates the operation of the equipment. 500 tubes were eliminated, thereby reducing the operating cost by about one-half; naturally, the dependability of the remaining equipment was increased thereby. The experimental equipment described here serves as a prototype for the construction of an industrial model. Thanks are expressed to Group Engineer A.S. Fedorov for his valuable advice. There are 11 figures and 2 Russian-language Soviet references.

SUBMITTED: 5 April 1959.

Card 3/3

LOPATNIKOVA, V.

Our work brings profits. Prom. koop. 12 no.8:9 Ag '58.

(MIRA 11:9)

1. Zamestitel' predsedatelya pravleniya arteli "Borets za kachestvo"
po orgmassovoy rabote i kadram, g. Kuznetsk, Penzenskoy oblasti.
(Kuznetsk--Cooperative societies)

LOPATNIKOVA, Z. F.

"The Therapy of Cancer of the Esophagus With Radioactive Substances" a report
presented at the Transcaucasian Radiological Conference, Tbilisi, 28-31 Oct 55.

Sum. No. 1047, 31 Aug 56

LOPATNIKOVA, Z.

"Prophylaxis and Therapy of Radiation Disease in Radiation Therapy" a paper presented at the Transcaucasian Radiological Conference, Tbilisi, Nov. 55.

TI-166004

KOZLOVA, A.V., professor; FIDERGOL'TS, L.G.; LOPATNIKOVA, Z.F.

Course of general reaction to radiations during radium therapy of head tumors. Vest.rent.i rad. no.1:38-41 Ja-F '55. (MLRA 8:5)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii imeni V.M.Molotova.

(BRAIN, effect of radiations on, radium, in ther. of head cancer)

(RADIUM, effects, on brain, in ther. of head cancer)

(HEAD, neoplasms, ther., radium, eff. on brain tissue)

RUDERMAN, A.I. (Moskva, Mozhayskaya shosse, d.47/51, kv.82); PAVLOV, A.S.
(Moskva, ul.Chaykovskogo, d.16/20 kv. 88); ~~LOPATNIKOVA, Z.I.~~
(Moskovskaya oblast, st. Vnikovo, zhilodorok, ul. Mira, d.6)

Combined treatment of esophageal cancer with X-rays and radium
[with summary in English]. Vop.onk. 3 no.6:701-706 '57.

(MIRA 11:2)

1. Iz rentgenoterapevticheskogo (zav. - prof. L.D.Podlyashchuk)
i radiologicheskogo (zav. - prof. A.V.Kozlova) otdeleniy Gosudar-
stvennogo nauchno-issledovatel'skogo instituta rentgenologii i
radiologii (dir. - dots. I.G.Legunova)

(ESOPHAGUS, neoplasms
ther., x-rays & radium)

(RADIOTHERAPY, in various dis.
cancer of esophagus)

PERESLEGIN, I.A., starshiy nauchnyy sotrudnik.; LOPATNIKOVA, Z.F., nauchnyy sotrudnik.

Lung changes during telegamma therapy for cancer of the esophagus.
Vest. rent. i rad. 3/4 no.1:62-66 Ja-F '59. (MIRA 12:3)

1. Iz radiologicheskogo otdela (zav. - prof. A.V. Koslova) Nauchno-issledovatel'skogo instituta rentgenologii i radiologii (dir. - dots. I. G. Lagunova) Ministerstva zdavookhraneniya RSFSR. Adres avtora: Moskva, G-2, B. Vlas'yevskiy per., d. 10, kv. 24)

(ESOPHAGUS, neoplasms
telegamma ther., lung changes (Rus))
(LUNGS, eff. of radiations on
telegamma rays in ther. of esophageal cancer (Rus))
(GAMMA RAYS, ther. use
telegamma ther. in esophageal cancer, lung changes (Rus))

PETROSYAN, S.L.; LOPATNIKOVA, Z.F.

Effect of ionizing radiation on fetal development under experimental conditions. Vest.rent.1 rad. 34 no.2:38-42 Mr-Apr '59. (MIRA 13:4)

1. Iz radiologicheskogo otdeleniya (zaveduyushchiy - prof. A.V. Kozlova) Nauchno-issledovatel'skogo instituta rentgenologii i radiologii (direktor - dotsent I.G. Lagunova). Adres Petrosyana: Morskva, Balashikha, Vsesoyuznyy sel'skokhozyaystvennyy institut zaochnogo obrazovaniya (VSthIZO), korp.15, kv.5).

(FETUS, eff. of radiations,

x-rays in exper. animals (Rus))

(ROENTGEN RAYS, effects,

on fetal develop. in exper. animals (Rus))

PERESLEGIN, I.A.; LOPATNIKOVA, Z.F.

Method for tele-gamma-therapy in cancer of the lung. Vop. onk.
6 no.3:49-55 Mr '60. (MIRA 14:2)

(LUNGS—CANCER)

SAVCHENKO, Ye.D. (Moskva); ~~LOPATNIKOVA, Z.F.~~ (Moskva); GARVEY, N.N. (Moskva);
MERKOVA, M.A. (Moskva)

Clinical morphological changes during radiotherapy of patients
with esophageal cancer. Trudy TSentr. nauch.-issl. inst. rentg. i
rad. ll no.1:127-138 '64. (MIRA 18:11)

HANZLIK, Janusz; WOZNIAK, Franciszek; LOPATYNSKI, Jerzy

Generalized thrombosis in arteriosclerosis. Pol. tyg. lek. 19
no.36:1376-1377 7 S '64.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie (kierownik: prof. dr Alfred R. Tuskiewicz) i z
Zakładu Anatomii Patologicznej Akademii Medycznej w Lublinie
(kierownik: prof. dr Stanisław Mahrburg).

USSR/Engineering
Machines, Metal-Cutting
Tools, Machine

Oct 48

PA 37/49T62
"Experimental Study of Plate Filters for Hydraulic
and Lubricating Systems of Metal-Cutting Machines,"
A. Ya. Lopato, Eng'r, Mach-Tool Plant Imeni A. M.
Gor'kiy, Kiev, 4 1/2 pp

"Stanki i Instrument" No 10

Describes tests on five USSR plate filters of "Auto-
Kleen" type. Discusses layout of filtration systems
for machine tools. Outlines filter design proce-
dure. Work was done in response to request from
Kiev Mach-Tool Plant, and performed in machine-
[redacted]

37/49T62

USSR/Engineering (Contd)

Oct 48

tool Laboratories of KPI [Kiev Polytech Inst], and
Mach-Tool Plant Imeni A. M. Gor'kiy. Includes eight
sketches.

LOPATO, A. Ya.

37/49T62

BAZHANOVA, V.A.; ZBOROVSKIY, I.A.; LOPATO, B.A.; MARAKTANOV, V.A.;
TARASOV, V.B.; YANKO-TRINITSKIY, A.A.

[Textbook on a course in "Theoretical principles of
electrical engineering"] Zadachnik po kursu "Teoreticheskie
osnovy elektrotehniki." Sverdlovsk. Nos.1, 3-4. 1963.
(MIRA 17:9)

1. Sverdlovsk. Ural'skiy politekhnicheskiy institut.

KATSENOVICH, A.L., prof.; MADZHIDOV, V.M., dotsent; KADYROV, V.K., assistant;
SHEKHTEL', A.I.; BISEROVA, M.G.; Primali uchastiye: KHAVKINA, Ye.B.;
SADYMENKO, I.I.; VASIL'YEVA, T.L.; ATAYEVA, T.I.; MYATISHKINA, Z.I.;
TUTAYEVA, V.F.; SAIDOV, T.I.; YAKUNINA, N.I.; SOKOLCVA, Ye.G.;
LOPATO, E.A.; ABDULLAYEVA, N.A.; YELIOKUL'SON, L.M.; BAGDASAROVA, K.A.;
DENISOVA, A.P.

Some unsolved problems of influenzal infection from the aspect of
the epidemic of influenza in 1957 and 1959. Med. zhur. Uzb. no.2:
3-8 F '62.

(MIRA 15:4)

(INFLUENZA)

LOPATO, G. A.

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 104 - 5/20

Authors : Lashchaver, A. L., and Lopato, G. A.

Title : Small scale cutting of spiral-toothed conical wheels

Periodical : Stan. i instr. 26/3. 16-20, Mar 1955

Abstract : Announcement is made of the development of two methods for double bilateral cutting of small module spiral-toothed conical wheels with teeth of equal height. The advantages of such transmission wheel cutting methods are stated. Two USSR references (1954). Graphs; illustrations.

Institution :

Submitted :

LOPATO, G.A., inzhener.

Effective methods of cutting uniform-height curved-tooth bevel
gears. Vest. mash. 35 no.10:44-51 0 '55. (MIRA 9:1)
(Gearing, Bevel)

Lopato, G.A.

AUTHORS: Lopato, G.A. and Kopysova, N.S.

121-4-8/32

TITLE: Duplex Two-pass Method of Cutting Bevel Gear Pairs
(Dvoynoy dvustoronniy metod narezaniya konicheskikh par)

PERIODICAL: Stanki i Instrument, 1958, no.4, pp. 20 - 21 (USSR)

ABSTRACT: A proposal, due to A.L. Laschaver, called the duplex two-pass method, for the cutting of small and medium pitch bevel gear pairs with circular teeth of constant height is described. Practical tests are said to have established the usefulness of the method up to a module of 5.5 mm. In order to cut the wheel and pinion teeth with the same cutting head, the width of the tooth gap and the tooth must be constant along the whole of its length. This determines the spiral angle, and a table gives the cutting head diameters which can be so chosen that the spiral angle remains in the range of 30 - 40°. The cutting heads do not differ from the normal design, but have diameters other than standard. Reference is made to the senior author's previous paper in Vestnik Mashinostroyeniya, 1955, no.10. An editorial note disclaims the applicability of the method to gears of a module exceeding 2 mm and states other disadvantages, including a non-standard pressure angle and the large assortment of cutting heads required.

Card 1/1

There are 1 figure, 1 table and 1 Russian reference.

AVAILABLE: Library of Congress
1. Gear cutting machines-Operation