SOV/81-59-19-67759

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 19, p 131 (USSR)

AUTHORS: Podmoshenskiy, I.V., Kondrasheva, L.D.

TITLE: The Installation of Concave Mirrors for Studying Absorption in Sources of Light

PERIODICAL: Fiz. sb. L'vovsk. un-t, 1958, Nr 4(9), pp 204 - 205

ABSTRACT: For measuring the absorption in open flames and electrical discharges it is proposed to use an optical system based on two concave spherical mirrors with a small passage, placed symmetrically relative to the light source which is located between them. As a result of the manifold reflection from the mirrors the total brightness of the center of the source becomes equal to the brightness of a black body at the temperature of the source. The reabsorption of radiation has been detected; the self-conversion and the width of spectral lines increase considerably.

L. Gribov ✓

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State Opt. Inst. im. S. I. Vavilov

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26.2311

AUTHORS: Kondrasheva, L.D., and Podmoshenskiy, I.V.

TITLE: Determination of Atomic Concentrations in Arc Plasmas by a Pulse Absorption Method

PERIODICAL: Optika i spektroskopiya, 1960, Vol 9, No 3, pp 281-287

TEXT: The authors studied plasmas in d.c. arcs burning in air between vertically positioned steel and copper electrodes. A pulse source of light ЭВ -39 (EV-39) was used; its emission spectrum was close to that of an absolute black body at a temperature of 40 000 °K. With this source is was possible to record absorption spectra of arc plasmas with temperatures up to 6000 °K without the necessity of correcting for plasma emission. The apparatus is shown schematically in Fig 1. The discharge aperture of the pulse source (1 in Fig 1) was projected onto a d.c. arc plasma (2). The light transmitted by the plasma reached an entry slit (3) of an ИСП -51 (ISP-51) spectrograph with a camera УФ -85 (UF-85). To obtain an absorption spectrum of a transverse cross-section of the arc, the arc image was rotated by 90° about the optical axis using a Dove prism (4). A shutter (5) in front of the spectrograph slit was opened simultaneously with

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Determination of Atomic Concentrations in Arc Plasmas by a Pulse Absorption Method

triggering of the pulse-source circuit by a signal from a photocell (6); the photocell was excited with a point incandescent lamp (8). Table 1 lists several wavelengths of arc-excited Fe and Cr lines; their lower-level potentials and arc diameters are deduced from the wavelengths of these lines. Table 1 shows that the plasma volume occupied by atoms at levels of about 3 eV amounts to 30% of the volume occupied by atoms in the ground state. To resolve the absorption line profiles, the authors replaced the ISP-51 spectrograph by a system (Fig 2) consisting of an echelle grating (4 in Fig 2) crossed with a prism (3); its resolving power was 1.8×10^5. Spectrograms obtained in this way showed that the pulse source has a uniformly continuous spectrum (Fig 3), crossed by a few absorption lines; an absorption spectrum of an arc plasma is shown in Fig 4. Direct determinations of Cr, Mn and Fe atomic concentrations were carried out in 2 A arcs with 2 mm electrode separation. The absorption line profiles obtained in these determinations are shown in Figs 5 (Cr triplet),

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Determination of Atomic Concentrations in Arc Plasmas by a Pulse Absorption Method

6 (Mn triplet) and 7 (Fe line). Characteristics of the lines used are listed in Table 2. The concentrations of Cr and Mn atoms were of the order of 10^{13} cm^{-3}; for Fe atoms 10^{15} cm^{-3} was obtained (Table 3).

Acknowledgements are made to F.M. Gerasimov and G.P. Startsev for supply of apparatus used in measurements with the echelle grating.

There are 7 figures, 3 tables and 5 references: 3 Soviet, and 2 English.

SUBMITTED: October 17, 1959

1. KONDRASHEVSKIY, V.V.

2. USSR (600)

4. Technology

7. Automatic control of measurements of parts in the process of working them. Moskva. Oborongiz, 1951

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

KONDRASHIKHIN, V., assistent

Ship captain's library and guides to navigation. Mor. flot 21 no.12:46 D '61. (MIRA 14:12)

1. Kafedra "Sudovozhdeniye" Odesskogo vyssheye inzhenernoye morskoye uchilishche.
(Navigation)

KONDRASHIKHIN, V., assistent

New nautical tables. Mor. flot 22 no.9:24-25 S '62.
(MIRA 15:12)

1. Kafedra sudovozhdeniya Odesskogo vysshego inzhenernoye morskoye uchilishche.
(Navigation—Tables)

KONDRASHIKHIN, O.

Modern requirements of sailing directions. Mor. flot 23 no.11: 21-22 N '63. (MIRA 16:12)

1. Starshiy shturman teplokhoda "Aragvi".

KONDRASHIKHIN, O.

In defense of the sailing directions. Mor. flot 25 no.2:21-22 F '65. (MIRA 18:4)

1. Kapitan teplokhoda "Floreshty" Chernomorskogo parokhodstva.

KONDRASHIKHIN, V., prepodavatel'

Statistical analysis of navigational information. Mor. flot 23 no.7:15-16 Jl '63. (MIRA 16:8)

1. Kafedra sudovozhdeniya Odesskogo vysshego inzhenernogo morskogo uchilishcha.

BUKHANOVSKIY, I., kapitan dal'nogo plavaniya; KONDRASHIKHIN, V., inzhener-rukovoditel'.

Using electromagnetic methods in navigation. Mor.flot 16 no.5: 11-13 My '56. (MLRA 9:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta (for Bukhanovkiy); 2. Oddesksoye vyssheye morekhodnoye uchilishche (for Kondrashikhin).
(Navigation)

KONDRASHIKHIN, V., prepodavatel' morekhodnoy astronomii.

TVA-57 tables used for computing altitude and azimuth. Mor. flot 18 no.10: 7-8 O '58. (MIRA 11:11)

1. Odesskoye vysshaye inzhenernoye morskoye uchilishche.
(Navigation--Tables)

KONDRASHIKHIN, V., prepodavatel'

Change in the form of the Nautical Astronomy Yearbook.
Mor.flot 19 no.12:14-15 D '59. (MIRA 13:3)

1. Kafedra morekhodnoy astronomii Odesskogo vysshego inzhenernogo morskogo uchilishcha.
(Nautical astronomy)

KONDRASHIKHIN, Vladimir Timofeyevich; RAKHOVETSKIY, Anatoliy Nikolayevich; KHACHATUROV, V.V., red.; LAVRENOVA, N.D., tekhn. red.

[Accuracy of the astronomic determination of a ship's position] Tochnost' astronomicheskikh opredelenii mesta sudna. Moskva, Izd-vo "Morskoi transport," 1961. 69 p. (MIRA 14:7)
(Nautical astronomy)

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D222/D309

13.2000

AUTHOR: Kondrashikhin, V.T.

TITLE: On calculating the quadratic error from the range of measurements

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-1-96 v (Inform. sb. Tsentr. n.-i. in-t morsk. flota, 1961, no. 62, 60-63)

TEXT: The development of numerical methods for the solution of navigational problems with high-speed electronic digital computers, requires not only the obtainment of the observed coordinates, but also information on the accuracy of observations. In an automatic navigation process, information on the ship's position will be acquired from different systems: Astronomical, radio, inertial, and others. Because of this, the most probable position of the ship must be determined by taking into account the accuracy of each kind of information. The determination of the mean square error, which is needed for the estimation of the accuracy, should be done, instead of using the familiar formula (requiring all algebraic operations apart from

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On calculating the quadratic error ...

multiplication):

$$E = \pm \sqrt{\frac{\Sigma v^2}{n - 1}}$$

where n is the number of measurements, Σv^2 is the sum of squares of the most probable corrections, by using the simpler formula:

$$= \pm R/a_n$$

where R is the range, given by the difference between the greatest and smallest measurements, a_n is a coefficient, dependent on the number of measurements n. The results obtained by processing the same observations are compared. It is shown that the mean square error calculated according to the second formula has practically the same error as that calculated from the first one. 2 references. [Abstractor's note: Complete translation].

Card 2/2

KONDRASHIKHIN, V.T.

Data processing for the programmed navigation of ships. Trudy TSNIIMF no.39:12-17 '61. (MIRA 15:5)

1. Sotrudnik-korrespondent TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota.

(Electronic data processing)
(Programming (Electronic computers))
(Navigation)

YAKUSHENKOV, A.A., kand. tekhn. nauk; KONDRASHIKHIN, V.T.

Method of the automatic control of a ship on the amount and speed of lateral shifting. Inform. sbor. TSNIIMF no.74: Sudovosh. i sviaz' no.19:41-47 '62. (MIRA 16:6)

(Ship handling)
(Automatic control)

KONDRASHIKHIN, V.T.

Selecting the right moment for averaging continuous observations. Inform. sbor. TSNIIMF no.74: Sudovozh. i sviaz' no.19: 47-52 '62. (MIRA 16:6)

(Nautical instruments)
(Ship propulsion)

KONDRASHIKHIN, V.T. (Odessa)

Diagram for the determination of the mean square-error and choice of averaging time of a stationary random process. Avtom. i telem. 24 no.10:1414-1415 O '63. (MIRA 16:11)

KONDRASHIKHIN, V.T., assistent

Accidental errors in the measurement of the altitude of celestial bodies. Sudovozhdenie no.2:71-74 '62. (MIRA 17:4)

1. Kafedra sudovozhdeniya Odesskogo vysshego inzhenernogo morskogo uchilishcha.

KONDRASHIKHIN, V.T., assistent

Astronomical tables. Sudovozhdenie no.3:103-108 '63. (MIRA 17:5)

1. Kafedra sudovozhdeniya Odesskogo vysshego inzhenernogo morskogo uchilishcha.

KONDRASHIKHIN, V.T.

Statistical characteristics of the information received from the phase modulation radio navigation station. Inform. sbor. TSNIIMF no.102 Sudovozh. i sviaz' no.24:23-28 '63.

Evaluating the accuracy of observations with interdependent observation errors. Ibid.:51-55 (MIRA 17:9)

KONDRASHIKHIN, Vladimir Timofeyevich; RAKHOVETSKIY, Anatoliy Nikolayevich; KRASAVTSEV, B.N., kand. geogr. nauk, red.; MESHKOV, O.I., red.

[Astronomical ship position finding and compass correction] Astronomicheskie opredeleniia mesta sudna i popravki kompasa. Moskva, Transport, 1964. 125 p. (MIRA 17:9)

CHERNIYEV, Leonid Fedorovich, dots.; KIRIN, Yuriy Pavlovich; KONDRASHIKHIN, Vladimir Timofeyevich; AKSYUTIN, Leonid Radionovich; RUSANOV, Valentin Mikhaylovich; YERMOLAYEV, German Grigor'yevich; ANAN'IN, V.I., red.

[Collection of problems in nautical astronomy] Zadachnik po morekhodnoi astronomii. Moskva, Transport, 1964. 338 p. (MIRA 18:5)

KONDRASHIN, A.V.

Study of the DDT sensitivity of the mosquito Anopheles superpictus in Garm District, Tajik S.S.R. Med. paraz. i paraz. bol. 34 no.4:484-485 Jl-Ag '65. (MIRA 18:12)

1. Otdel epidemiologii i profilaktiki tropicheskikh bolezney i podgotovki tropikologov Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva. Submitted January 9, 1965.

KONDRASHIN, N.

KONDRASHIN, N.

Instrument for measuring the air-tightness of couplings. Avt. transp. 32 no.12:28 D '54. (MLRA 8:3)
(Machine shop practice) (Automobile--Repairing)

KONDRASHIN, N. A.

USSR/Chemical Technology. Chemical Products and Their Application -- Fats and oils. Waxes. Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6385

Author: Kondrashin, N. A.

Institution: None

Title: Specific Features of Soybean Processing During Wintertime

Original Publication: Maslob.-zhir. prom-st', 1956, No 3, 36

Abstract: At the Blagoveshchensk oil factory the production of stable flakes, free from mealy fraction, on comminution of the beans, has been effected by passing the disintegrated material (D) from the crushing rolls through a cylindrical drying drum (a section of a 3-tier drum drier) with a steam jacket (diagram of the equipment is included). In the steam jacket of the drum a pressure of 4-4.5 atmospheres is maintained while live steam is admitted into the inside of the drum, to raise the moisture content of D to 0.2-0.5%. On leaving the drum the D is heated at 35-40° and is softened. This procedure

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USSR/Chemical Technology. Chemical Products and Their Application -- Fats and oils. Waxes. Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6385

Abstract: has made it possible to lower the oil content of the press cake to 0.5%. In addition to the necessity of heating and humidifying the soybeans an important part is played in wintertime by the removal of vaporized moisture during roasting. Opening of the auxiliary dampers of the tanks 5 and 6 of the roasting unit ensures the normal operation of the latter.

Card 2/2

KONDRASHIN, N.A., inzh.

Improved worm shaft of the MP-1 press. Masl.-zhir.prom. 25 no.10:42 '59. (MIRA 13:2)

1. Blagoveshchenskiy maslozavod.
(Blagoveshchensk (Amur Province)—Oil industries—Equipment and supplies)
(Power presses)

KONDRASHIN, N.A., inzh.; ZAVALEY, B.D.

Drive of a whipper with a centrifugal clutch. Masl.-zhir.prom. 26 no.9:41 S '60. (MIRA 13:8)

1. Blagoveshchenskiy maslozavod.
(Blagoveshchensk (Amur Province)--Oil industries--Equipment and supplies)

Kondrashin N.I.

KONDRASHIN, N.I.

Compound treatment of hemangioma of the skin and mucosa in children. Pediatriia no.11:77-80 N '57. (MIRA 11:2)

1. Iz kliniki detskoy khirurgii (zav. kafedroy - chlen-korrespondent AMN SSSR prof. S.D.Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova (dir. - prof. O.V.Kerbikov) na baze Detskoy klinicheskoy bol'nitsy imeni N.F.Filatova (galvnyy vrach M.N.Kalugina)
(SKIN--TUMORS) (MUCOUS MEMBRANES--TUMORS)

KOMAROVSKIY, M.I., Cand Med Sci—(diss) "Cryotherapy of hemangiomas of the integuments and mucosa in children." Mos, 1958. 15 pp (Second Mos Med Inst im N.I. Pirogov), 200 copies (KL,28-58,114)

KONDRASHIN, N.I., assistent.

Cryotherapy of hemangiomas of the skin and mucosa of children [with summary in English]. Vest.derm. i ven. 32 no.5:17-20 S-O '58 (MIRA 11:11)

1. Iz kliniki detskoy khirurgii (dir. - chlen-korrespondent AMN SSSR zaslyzhenyy deyatel' nauki prof. S.D. Ternovskiy) Moskovskogo meditsinskogo instituta imeni Pirogova (dir. - prof. O.V. Kerbikov).

(SKIN NEOPLASMS, in inf. & child.
angioma, ther., cryother. (Rus))
(MUCOUS MEMBRANES, neoplasms
angioma in child., ther. cryother. (Rus))
(ANGIOMA, in inf. & child.
skin & mucosa, ther. cryother. (Rus))
(COLD, ther. use
angioma of skin & mucosa in child (Rus))

KONDRASHIN, N.I.

Diagnosis and choice of method in the treatment of hemangiomas in children. Pediatriia 36 no.11:23-27 N '58 (MIRA 12:8)

1. Iz kliniki detskoy khirurgii (dir. - chlen-korrespondent AMN SSSR prof. S.D. Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova na baze Detskoy Bol'nitsy imeni N.F. Filatova (glavnyy vrach M.N. Kalugina)
(TUMORS) (CHILDREN--DISEASES)

KONDRASHIN, N.I. SAPELKINA, I.M.

Morphological changes in hemangiomas following cryotherapy. Vop. onk. 5 no.1:83-89 '59. (MIRA 12:3)

1. Iz kafedry detskoy khirurgii (zav. - prof. S.D. Ternovskiy) II Moskovskogo gosudarstvennogo meditsinskogo instituta (dir. - prof. O. V. Kerbikov). Adres avtora: Moskovskaya obl., g. Pushkino, ul. L'va Tolstogo, d. 2, kv. 8)

(ANGIOMA, ther.
cryother. with carbon dioxide snow (Rus))
(COLD, ther. use,
hemangioma, carbon dioxide snow cryother. (Rus))

KONDRASHIN, N.I. (Moskovskaya obl., g. Pushkino, ul. L'va Tolstogo, d.2, kv. 8)

Treatment of hemangioma in children by means of alcohol injection. Vop.onk. 5 no.5:591-594 '59. (MIRA 12:12)

1. Iz kliniki khirurgii detskogo vozrasta (dir. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof. S.D. Ternovskiy) II Moskovskogo gosudarstvennogo meditsinskogo instituta im. N.I. Pirogova (dir. - dots. M.G. Sirotkina).

(ANGIOMA, in inf. & child
alcohol inject. (Rus))
(ALCOHOL, ETHYL, ther.use
inject. in angioma in child. (Rus))

KONDRASHIN, N.I., aspirant

Cryotherapy of pigmented nevi in children. Khirurgiia 35 no.2:91-93 F '59. (MIRA 12:5)

1. Iz kafedry detskoy khirurgii (zav. - prof. S.D.Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova na base detskoy klinicheskoy bol'nitsy imeni Filatova (glavnyy vrach M.N.Klugina).

(NEVUS, PIGMENTED, in inf. & child.
cryother. (Rus))
(COLD,
cryother. of pigmented nevi in child. (Rus))

TERNOVSKIY, S.D., prof.; KONDRASHIN, N.I., kand.med.nauk

Chronic pneumonias in children and their surgery. Pediatriia 38 no.11:54-59 N '60. (MIRA 13:12)

1. Iz kliniki khirurgii detskogo vozrasta (zav.kafedroy - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof.S.D. Ternovskiy) II Moskovskogo meditsinskogo instituta imeni Pirogova (direktor - dotsent M.G. Sirotkina) na baze detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach L.A. Vorokhobov). 2. Chlen-korrespondent AMN SSSR (for Ternovskiy).
(PNEUMONIA in inf. & child)

KONDRASHIN, N.I., kand.med.nauk; STEPANOV, E.A.

Treatment of infants with congenital clubfoot. Vop. okh. mat. i det. 6 no.12:66-70 D '61. (MIRA 15:3)

1. Iz kliniki khirurgii i ortopedii detskogo vozrasta (dir. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki RSFSR prof. S.D. Ternovskiy [deceased]) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova na baze ortopedo-nevrologicheskoy poliklinik pri Bol'nitse imeni N.F. Filatova (glavnyy vrach L.A. Vorokhobov).

(FOOT--ABNORMITIES AND DEFORMITIES)
(INFANTS--DISEASES)

KONDRASHIN, N.I., kand.med.nauk (Moskva, Komsomol'skiy pr., d.36, kv.98); VOZDVIZHENSKIY, S.I., kand.med.nauk; DERZHAVIN, V.M., kand.med.nauk

Surgeons tactics in cicaterical obstruction of the esophagus in children. Vest.khir. no.3:26-29 '62. (MIRA 15:3)

1. Iz kliniki khirurgii detskogo vozrasta (zav. - prof. S.D. Ternovskiy [deceased]) 2-go Moskovskogo meditsinskogo instituta imeni N.I. Pirogova (dir. - dotsent M.G. Sirotkina) na baze bol'nitsy im. Filatova (gl. vrach - L.A. Vorokhobov).
(ESOPHAGUS—WOUNDS AND INJURIES)

VOZDVIZHENSKIY, S. I., kand. med. nauk; DERZHAVIN, V. M., kand. med. nauk; KONDRASHIN, N. I., kand. med. nauk

Treatment of cicatricial stenosis of the esophagus in children with late bouginage. Khirurgiia no.6:45-50 Je '62. (MIRA 15:7)

1. Iz kliniki detskoy khirurgii (zav. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki RSFSR prof. S. D. Ternovskiy[deceased]) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova na baze detskoy bol'nitsy imeni N. F. Filatova (glavnyy vrach L. A. Vorokhobov)

(ESOPHAGUS--SURGER) (BOUGIES)

KONDRASHIN, N.I., kand.med. nauk (Moskva, Komsomol'skiy prospekt, d.36,kv.98)
ANDRIANOV, V.L.

Surgical treatment of dystrophic varus deformity of the femoral neck in children. Ortop. travm. i protez. 24 no.2:38-44 F'63. (MIRA 16:10)

1. Iz kliniki detskoy khirurgii i ortopedii (zav.kafedroy - chlen-korrespondent AMN SSSR prof. S.D.Ternovskiy [deceased]) 2-go Moskovskogo meditsinskogo instituta imeni N.I.Pirogova (rektor - dotsent M.G.Sirotina).

TERNOVSKIY, Sergey Dmitriyevich, zasl. deyatel' nauki, prof. [deceased]; VOZDVIZHENSKIY, Sergey Ivanovich; DERZHAVIN, Val'ter Mikhaylovich; KONDRASHIN, Nikolay Ivanovich; BLAGOVESHCHENSKAYA, Ol'ga Vladimirovna; PRONIN, V.I., red.; PRONINA, N.D., tekhn. red.

[Treatment of chemical burns and cicatricial stenosis of the esophagus in children] Lechenie khimicheskikh ozhogov i rubtsovykh suzhenii pishchevoda u detei. Moskva, Medgiz, 1963. 134 p. (MIRA 17:3)

1. Chlen-korrespondent AMN SSSR (for Ternovskiy).

KONDRASHIN, N.I., kand.med. nauk; STAROSEL'SKIY, L.B.

Indications for surgical treatment of fractures in children. Khirurgiia 39 no.4:129-132 Ap'63 (MIRA 17:2)

1. Iz kliniki khirurgii i ortopedii detskogo vozrasta (zav.-doktor med. nauk I.K.Mirashov) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.Pirogova.

KONDRASHIN, N.I., kand. med. nauk

Congential funnel chest in children. Pediatriia 42 no.3: 56-60 Mr '63 (MIRA 17:2)

1. Iz kafedry detskoy khirurgii i ortopedii (zav. - kafedroy doktor med. nauk I.K.Murashov) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova (dir. M.G. Sirotkina) na baze Detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach L.A. Vorokhobov), Moskva.

ARENDT,A.A., prof.; ARTARYAN,A.A., kand.med.nauk; BAIROV,G.A.,prof.; VOLKOV,M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk; VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk; DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand. med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN, S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV,Yu.F., doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV, A.N.; KORNYANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand.,med. nauk; KLIMKOVICH, I.G., dots.; KONDRASHIN, N.I., kand. med. nauk LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand. med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I., doktor med. nauk; MAREYEVA, T.G., kandidat meditsinskikh nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.; OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand, med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.; OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F., prof., otv. red.

[Multivolume manual on pediatrics]Mnogotomnoe rukovodstvo po pediatrii. Moskva, Meditsina. Vol.9.[Pediatric surgery] Khirurgiia detskogo vozrasta. Red.toma S.IA.Doletskii. 1964. 654 p. (MIRA 17:9)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-korrespondent AMN SSSR (for Bairov, Volkov).

VOZDVIZHENSKIY, S.I., kand. med. nauk; KONDRASHIN, N.I., kand. med. nauk; DERZHAVIN, V.M., kand. med. nauk

Esophageal perforation in children and its treatment. Vest. oto-rin. 25 no.2:70-75 Mr-Ap '63. (MIRA 17:1)

1. Iz kliniki detskoy khirurgii (zav. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof. S.D. Ternovskiy [deceased]) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova na baze bol'nitsy imeni N.F. Filatova, Moskva.

DERZHAVIN, Val'ter Mikhaylovich; KONDRASHIN, N.I., red.

[Epiphysial osteomyelitis in children] Epifizarnyi osteomielit u detei. Moskva, Meditsina, 1965. 174 p. (MIRA 18:4)

KONDRASHIN, V.

PERINSKIY, N., polkovnik; FILIPPOV, R., polkovnik; MIKHAYLOVSKIY, G., FOMINYKH, A., general-leytenant; DYUBKOV, G., podpolkovnik; BATTUGANOV, M., podpolkovnik; YEGIYAN, R., podpolkovnik; KONDRASHIN, V., podpolkovnik zapasa

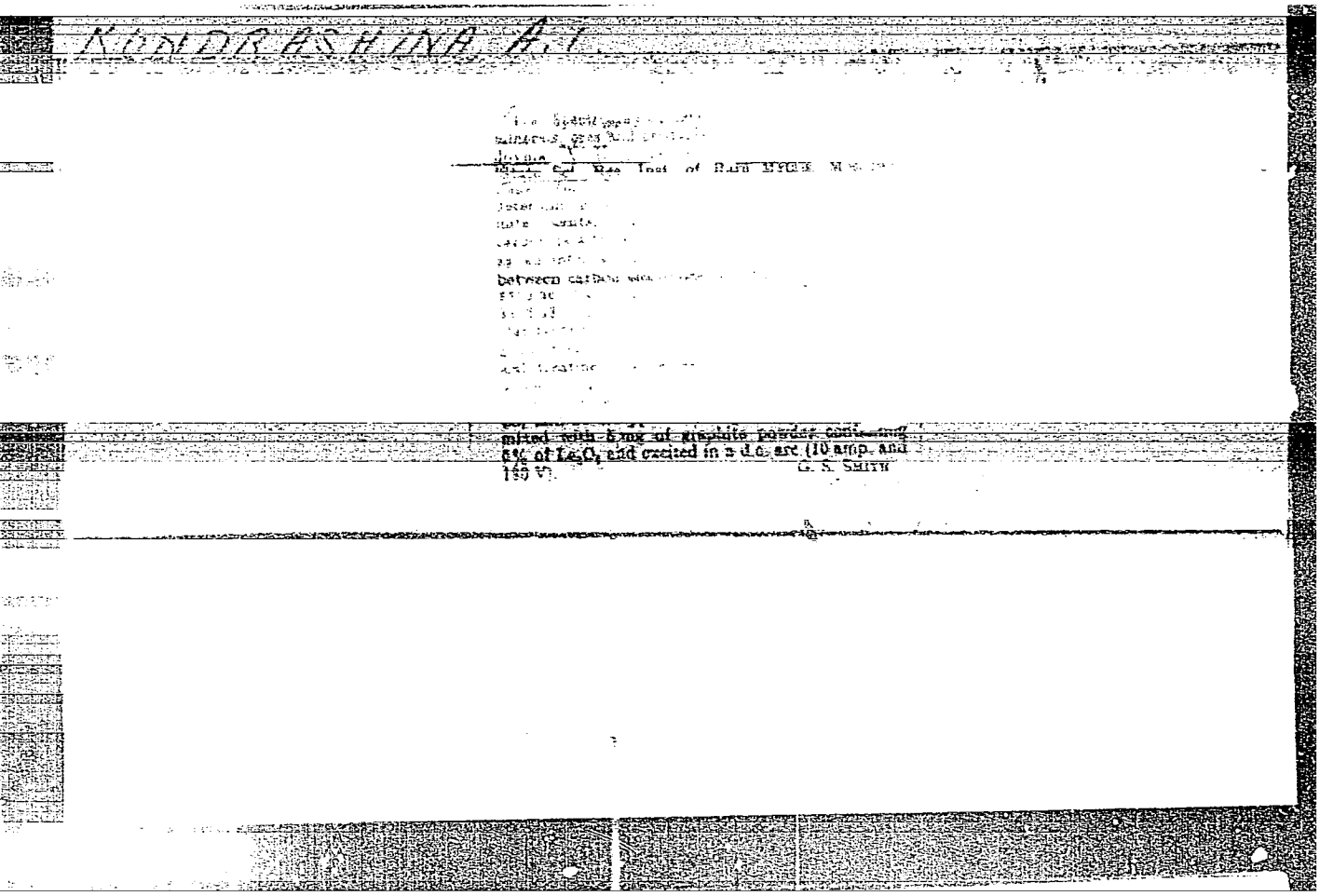
From practice training in military science. Voen. vest. 38 no. 6:53-57 Je '58. (MIRA 11:7)

(Military education)

KONDRASHINA, A.F.

Use of RS serum and antiseptic biological powder in the medical center and polyclinic. Akt.vop.perel.krovi no.7:182-184 '59.
(MIRA 13:1)

1. Medsanchast' Kirovskogo zavoda.
(BLOOD AS FOOD OR MEDICINE)



mited with 6 mg of graphite powder com
6% of La_2O_3 and excited in a d.c. arc (10 amp. and
150 V).

G. S. SMITH

A.I. KONDRASHINA

24(7) PHASE I BOOK EXPLOITATION SOV/1700

Lvov. Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii, 1956. t. II: Atomnaya spektroskopiya (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol 2: Atomic Spectroscopy) [Lvov] Izd-vo L'vovskogo univ., 1958. 568 p. (Series: Its: Fizicheskiy sbornik, vyp. 4(9)) 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.); B.S. Neporent, Doctor of Physical and Mathematical Sciences; I.L. Fabelinskiy, Doctor of Physical and Mathematical Sciences; V.A. Fabrikant, Doctor of Physical and Mathematical Sciences; S.M. Rayskiy, V.G. Koritskiy, Candidate of Technical Sciences; L.K. Klimovskaya, Candidate of Physical and Technical Sciences; V.S. Miliyanchuk Candidate of Physical and Mathematical Sciences; A.Ye. (Deceased), Doctor of Physical and Mathematical Sciences; Glauberman, Doctor of Physical and Mathematical Sciences; Ed.: S.L. Gaser; Tech. Ed.: T.V. Saranyuk.

PURPOSE: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectrography presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, physicochemical methods for controlling uranium production, physics and technology of gas discharge, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and the combustion theory, spectrum analysis of ores and minerals, photographic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and atlases of spectral lines, spark spectrographic analysis, statistical study of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

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(Cont.)

Card 21/31

KONDRASHINA, A. I.

5(2), 5(4) SOV/75-14-2-21/27

AUTHORS: Solodovnik, S. M., Kondrashina, A. I.

TITLE: Determination of Small Amounts of Hafnium Dioxide in Zirconium Dioxide by a Spectroscopic Method (Opredeleniye malykh kolichestv dvuokisi gafniya v dvuokisi tsirkoniya spektral'nym metodom)

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 2, pp 248-249 (USSR)

ABSTRACT: Mortimore and Noble (Ref 7) recommended an addition of barium fluoride as buffer and the evaporation of the sample with tapering electrodes at a high current intensity (30 a) in order to increase the sensitivity of the spectroscopic determination of hafnium in zirconium dioxide. The spectra are recorded by means of a grating spectrograph. The authors of the present paper carried out their investigations under these conditions. It was found that by using the autocolimation spectrograph KSA-1 (KS-55) the addition of barium fluoride and the evaporation of the sample at high current intensity do not lead to an increased line intensity of hafnium. Therefrom it may be concluded that the high sensitivity attained by Mortimore (0.003%) is due to the use of a grating spectrograph of high dispersion. Also the addition of sodium phosphate

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Determination of Small Amounts of Hafnium Dioxide in Zirconium Dioxide by a Spectroscopic Method

as buffer (Ref 8) did not yield the desired results. The desired increase in the sensitivity of hafnium determination could be obtained by means of the spectrograph KSA-1 (KS-55) with a single-lens condenser only under the following conditions: 20 mg ZrO_2 are mixed with 10 mg coal powder and introduced into a deepening in the tapered graphite electrode. The dimensions of the anode are given in the paper. In order to obtain a spectrum, two electrodes filled with the sample are produced. The upper graphite electrode (cathode) ends conically. A direct-current arc of a 10 a current intensity flows between the vertically arranged electrodes. The strongly enlarged picture of the electrodes is projected on a slit of 0.01 mm; the center of the flame is photographed. The exposure takes 2 minutes. Each spectrum is obtained by photographing 2 spectra subsequently on the same place of the photoplate. In the spectra obtained the lines of hafnium are photographed at 2641.4 Å and the comparative line of zirconium at 2626.0 Å as well as the background near these lines. The determination of the hafnium concentration is performed on the basis of a standard line in the coordinates

Determination of Small Amounts of Hafnium Dioxide in Zirconium Dioxide by a Spectroscopic Method

$\lg \frac{I_{Zr\text{-background}}}{I_{Hf\text{-background}}} - \lg C_{Hf}$. The standard line for the concentration interval of C_{Hf} between 0.003 and 0.1% is represented in the paper. The method makes it possible to determine quantitatively thousendths of per cents of HfO_2 in ZrO_2. The probable error in the individual determinations is, at amounts of 0.003 - 0.03% hafnium, ± 20 - 30%, at higher amounts of hafnium the error is ± 10%. The authors thank A. K. Rusanov for valuable advice. There are 1 figure and 11 references, 3 of which are Soviet.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut redkikh i malykh metallov, Moskva (State Scientific Research Institute of Rare- and Trace Metals, Moscow)

SUBMITTED: December 10, 1957

Card 3/3

S/032/62/028/006/008/025
B110/B101

AUTHORS: Vasilevskaya, L. S., Kondrashina, A. I., and Shifrina, G. G.

TITLE: A spectrochemical method of determining the boron content in silicon and silicon compounds

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 6, 1962, 674 - 676

TEXT: A very accurate, sensitive, and efficient spectrochemical method was developed for determining the boron content in silicon, SiO_2, $SiCl_4$, and trichlorosilane. Si is removed in the form of SiF_4, and boron is bound with mannitol to form a complex compound. To prevent contamination from outside, fluoroplast vessels are used and the Si is crushed in a molybdenum mortar. (1) 0.5 g Si is mixed with 0.5 ml 1% mannitol solution, 3 drops of a 5% copper-chloride solution (catalyst), 8 - 10 ml 25% H_2F_2 solution, and 5 ml H_2O_2. The mixture is then dissolved by heating, mixed with 20 mg carbon powder, boiled down on a water bath, and subjected to spectrum analysis. (2) The mannitol solution and H_2F_2 are added to 1 g crushed SiO_2;

S/032/62/028/006/010/025
B101/B138

AUTHORS: Vasilevskaya, L. S., Notkina, M. A., Sadof'yeva, S. A., and Kondrashina, A. I.

TITLE: Spectrochemical determination of impurities in germanium and germanium dioxide

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 6, 1962, 678 - 680

TEXT: A simple method of the series analysis of Ge and GeO_2 for Al, Fe, Mg, Mn, Cu, Ni, Sb, Pb, Ta, Ti and Cr is described. Concentration of the impurities occurs by dissolving Ge in concentrated HCl + HNO_3 (GeO_2 in concentrated HCl), evaporation of $GeCl_4$, and spectral analysis of the residue dried and mixed with carbon powder, in a 10 a d.c. arc with a quartz spectrometer, exposure 2.5 min. The standards are prepared from mixtures of the pure oxides of the elements to be determined, with carbon powder. The calibration curves are plotted as ΔS against log C. The sensitivity, especially for Ni, Mg, Fe and Ti, is increased by addition of

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VASILEVSKAYA, L.S.; KONDRASHINA, A.I.; SHIFRINA, G.G.

Combined chemical and spectral method for determining boron in silicon and its compounds. Zav.lab. 28 no.6:674-676 '62. (MIRA 15:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti.
(Boron--Spectra) (Silicon compounds)

VASILEVSKAYA, L.S.; NOTKINA, M.A.; SADOF'YEVA, S.A.; KONDRASHINA, A.I.

Chemico-spectral method for determining impurities in germanium and germanium dioxide. Zav.lab. 28 no.6:678-680 '62. (MIRA 15:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti.
(Germanium--Analysis) (Metals--Spectra)

L 14978-65 EWT(m)/EPF(c)/EWP(j)/EWP(t)/EWP(b) Pc-4/Pr-4 IJP(c)/AFWL/AEDC(b)/ ESD/ESD(gs)/ESD(t) JD/MLK/RM

ACCESSION NR: AT4048092 S/0000/64/000/000/0012/0016

Vasilevskaya, L. S., Sadof'yeva, S. A., Kondrashina, A. I., Muravenko, V. P.

TITLE: Increasing the sensitivity of the spectrochemical determination of tract metals in silicon compounds

Spektral'ny*ye i khimicheskiye metody* analiza materialov (Spectral and chemical methods of materials analysis) ... Metallurgiya, 1964, 12-16

TOPIC TAGS: silicon compound, silicon dioxide, spectrochemistry, fluoroplast, polyethylene, organic glass, trichlorosilane, tetrachlorosilane, quantitative analysis, spectroscopy

ABSTRACT: The spectrochemical determination of metallic impurities in silicon and dioxide which was proposed earlier has been improved as follows. The platinum apparatus for the distillation of acids, as well as the platinum crucibles, containers and other objects, have been replaced ... polyethylene and organic ... hydrofluoric and ... acids is now carried out in fluoro- ... apparatus insulated from the air. The ... resulting acids is usually no higher than 10^{-7} -10^{-8}%. The water used is purified by deionization

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ACCESSION NR: AT4048092

with a mixed ion exchange filter and has a resistivity of 15-20 Mega-ohm·cm. The time of contact of the sample with air has been reduced and the operations during which the [illegible] concentrates were in contact with the tracing paper have been eliminated. [illegible] that these measures have led to a considerable decrease and stabili- [illegible] s sample and increase the coefficient of [illegible] using the concentration of [illegible] ities on powdered charcoal. The [illegible] decreased 2-5 or 5 [illegible] and the exposure time is decreased [illegible] the absolute sensi- [illegible] of the spectral determination has been increased. The method makes it possible to determine 22 elements (Al, Bi, W, Ge, Au, Fe, In, Ca, Cu, Mg, Mn, Mo, Ni, Sn, Pb, Sb, Ag, Tl, Ta, Ti, Cr, Zn) in silicon trichlorosilane and tetrachlorosilane up to a sensitivity of 10^{-6}-10^{-8} %. The sensitivity of the determination of impurities in silicon, silicon dioxide and acids has been increased 1-2 times. The data of the analytical lines and sensitivity for trace metals in trichlorosilane, silicon tetrachloride, silicon and [illegible] oxide are tabulated. The experimental data confirmed the technological calcula- [illegible] The limiting values of sensitivity for many elements (Ti, Al, Fe, Mg, Cu, Ca)

Card 2/3

L-773-65
ACCESSION NR: AT4048092

with the coefficients of variation are tabulated. Orig. art. has: 3 tables.

ASSOCIATION: Gosudarstvenny*y nauchno-issledovatel'skiy i proyektny*y institut redkometallicheskoy promy*shlennosti (State Scientific Research and Planning Institute of the Rare Metal Industry)

SUBMITTED: 12Feb64 ENCL: 00 SUB CODE: IC, MT

NO REF SOV: 002 OTHER: 000

Card 3/3

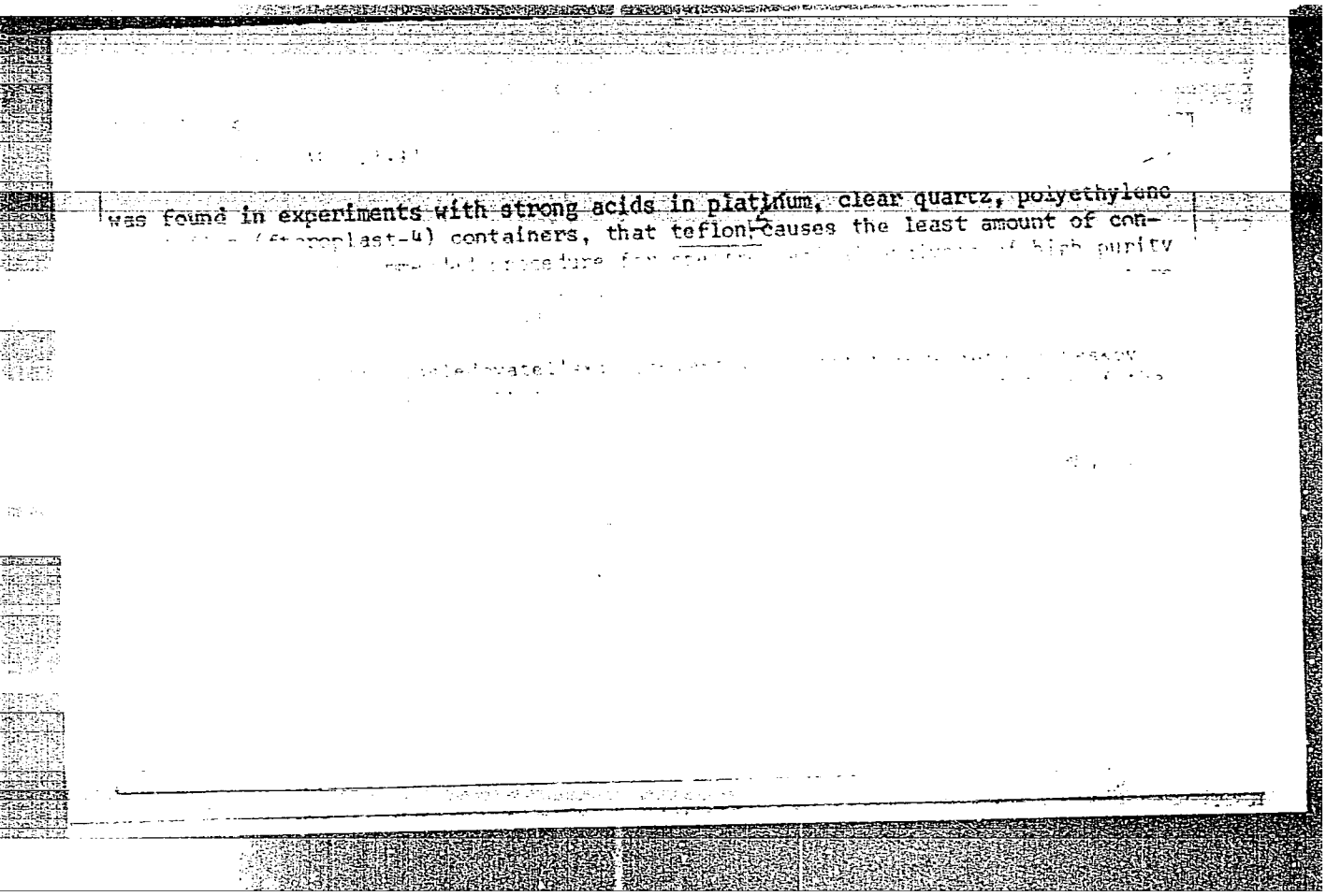
EWT(m)/EPF(c)/EPR/EWP(t)/T

Zhurnal analiticheskoy khimii, v. 20, no. 5, 1965, 540-546

spectrum analysis, acid, high purity metal, chemical analysis

The article reviews some work on the elimination of ... sources of ...

... analysis. Such a box minimizes contamination from the air and from the material of the heating equipment. The analysis of acids, water, silicon and ... samples for analysis ... contamination of these materials ... containers were the ...



was found in experiments with strong acids in platinum, clear quartz, polyethylene
(fluoroplast-4) containers, that teflon causes the least amount of con-
of high purity

Fagarina, N. A.

Laboratoriya, v. 31,

silicon carbide, spectroscopic analysis, impurity determination,

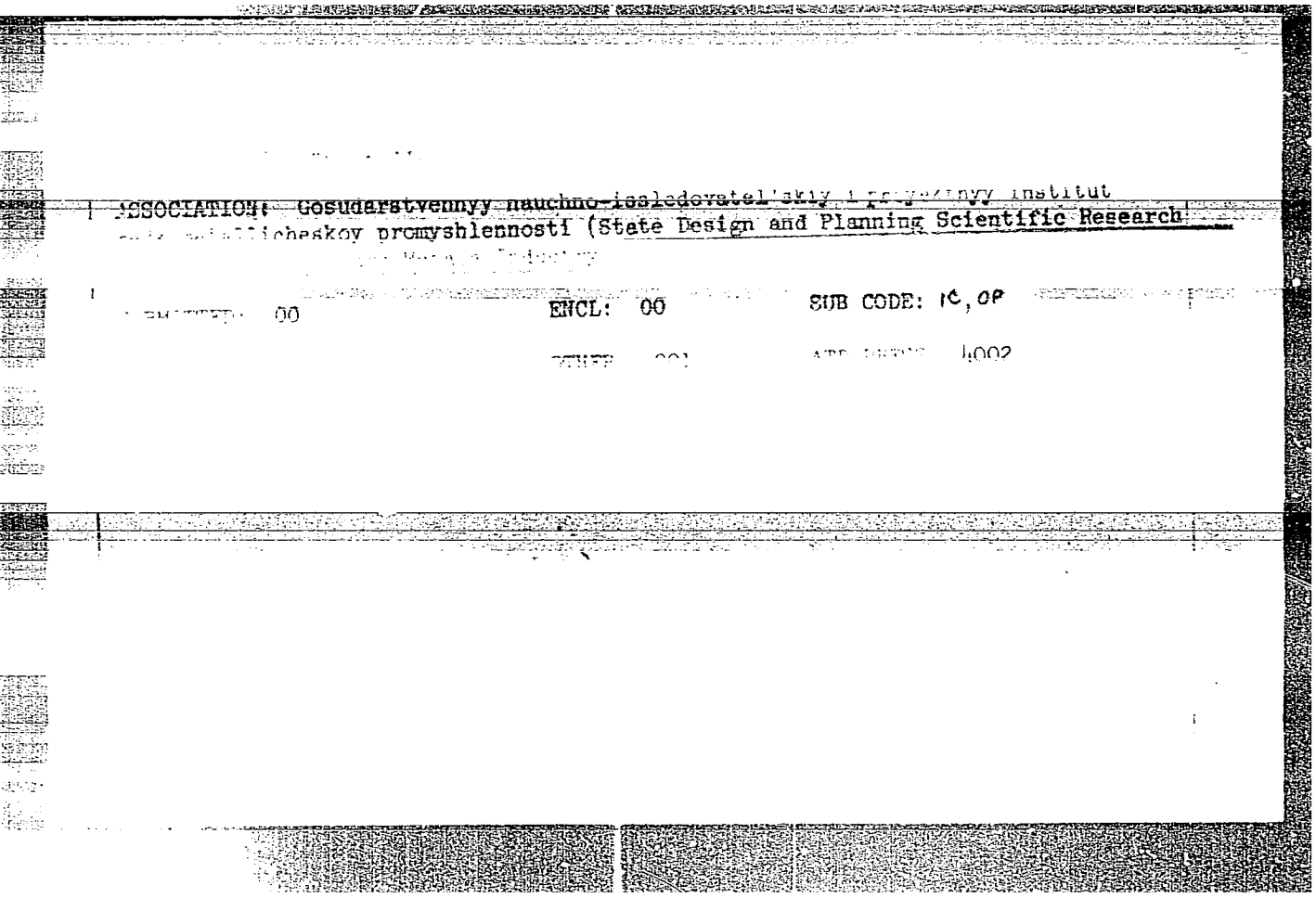
direct current arc in argon stream. A ... chamber was

argon was directed through it. The powdered sample was in the cavity of the lower electrode. The emission spectra of the samples and standards were recorded on the ... photographic plate. The standards were prepared on a silicon carbide base.

... relative

... Orig. art. has: 1 figure.

Card 2/2



ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
[illegible]skoy promyshlennosti (State Design and Planning Scientific Research

00 ENCL: 00 SUB CODE: IC, OP

001 4002

VASILEVSKAYA, L.S.; MURAVENKO, V.P.; KONDRASHINA, A.I.

Detection and elimination of impurities in the analysis of substances of high purity. Zhur. anal. khim. 20 no.5:540-546 '65. (MIRA 18:12)

1. Nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti, Moskva. Submitted March 23, 1964.

KONDRASHINA, A.M.; YAKOVLEVA, Z.M.

Securing tailing piles at the Tekeli ore dressing plant. TSvet. met. 36 no.10:77 O '63. (MIRA 16:12)

KONDRASHINA, E.

Use of synthetic resins in industry. Mashinostroitel' no.5:48 My '61. (MIRA 14:5)
(Resins, Synthetic)

KONDRASHINA, E.

Women working at the "Kalibr" Plant. Mashinostroitel' no.3:32-33 Mr '60. (MIRA 13:6)
(Women—Employment)

KONDRASHINA, E.

International fair in Brno. Mashinostroitel' no.8:44 Ag '60.
(MIRA 13:9)

(Brno--Fairs)

S/117/61/000/005/009/009
A004/A104

AUTHOR: Kondrashina, E.

TITLE: Synthetic resins in industry

PERIODICAL: Mashinostroitel', no. 5, 1961, 48

TEXT: The author reports on research work in the field of industrial utilization of plastics carried out by the Scientific Research Institute of Organic Chemistry and Synthetic Resins of the Hungarian People's Republic. For aggressive media the Institute has developed a vortex pump of polyethylene, whose casing, impeller and stuffing box are made of polyethylene, synthetic coal and polyolefines. The bearing housing is made of cast iron coated with polyethylene. The first models of these pumps are in operation in Hungarian plants and their life exceeds that of metal pumps. Polyethylene and polyamides are applied, either by fusion or by spraying, on the preheated component surfaces. Contact resins of poly esters have rendered excellent results. The Polikon N.1 glue developed by the Institute is used for the gluing of metal to metal, ceramics, glass, plastics, porcelaine, wood, etc. A poly ester varnish developed by the institute is used for the impregnation of parts of revolution of low-tension devices, for the coat-

Card 1/2

KONDRASHINA, E.

Soviet machines at an exhibition in London. Mashinostroitel' no.10:46 O '61. (MIRA 14:9)
(London—Exhibitions) (Machinery industry)

PUKHAL'SKIY, A.Ch., otv.red.; KONDRASHINA, N.M., red.; MARKOCH, K.G., tekhn.red.

[Collection of articles on wire communication] Sbornik statei po provodnoi sviazi; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 82 p. (MIRA 12:1)
(Telecommunication)

LIVSHITS, B.S.; KUTASHOV, P.D.; SEMENOV, I.I.; GOLUBTSOV, I.Ye., otv. red.; KONDRASHINA, N.M., red.; MARKOCH, K.G., tekhn.red.

[Joining of rural automatic telephone districts with city ten-step automatic telephone districts; information collection] Sviaz' sel'skikh ATS s ATS-47; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1958. 114 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Tekhnicheskoye upravleniye. 2. Sotrudniki Nauchno-issledovatel'skogo instituta gorodskoy i sel'skoy telefonnoy svyazi Ministerstva svyazi SSSR (for Livshits, Kutashov, Semenov).

(Telephone)

VORONKOV, Yevgeniy Ivanovich; KORCHAGIN, Arkadiy Vasil'yevich; SHUKHIN, N.N., otv.red.; KONDRASHINA, N.M., red.; KARABILOVA, S.F., tekhn.red.

[Experience in the use of a main cable line] Opyt ekspluatatsii kabel'noi magistrali. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 39 p. (MIRA 12:7)
(Telecommunication) (Electric cables)

STUDITOVA, Marionella Petrovna; PEREGUDOV, A.N., otv.red.; KONDRASHINA, N.M., red.; KARABILOVA, S.F., tekhn.red.

[Automation of telegraph communication] Avtomatizatsiia telegrafnoi sviazi. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 57 p. (MIRA 13:11)
(Telegraph) (Automatic control)

STOYANOV, M.N., otv.red.; KONDRASHINA, N.M., red.; SHKFER, G.I., tekhn.red.

[New developments in electric conductors; collected studies] Novye razrabotki po provodnoi sviazi; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 81 p. (MIRA 12:8)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Tekhnicheskoye upravleniye.
(Electric conductors)

LIPKINA, V.A., otv.red.; NOVIKOVA, T.S., red.; KARABILOVA, S.F., tekhn.red.

[New communications and power supply apparatus; collected articles] Novaia apparatura elektrosviazi i elektropitaniia; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 100 p. (MIRA 13:2)
(Electric engineering--Equipment and supplies)

KONDRASHINA, N.M., red.; SHRFER, G.I., tekhn.red.

[Automatic commutation in general telegraph networks] Avtomaticheskaia kommutatsiia v telegrafnykh setiakh obshchego pol'zovaniia; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 119 p.
(Telegraph)

(MIRA 13:7)

KOKOSHKIN, Pavel Aleksandrovich; GOLUBEV, Lev Solomonovich; KULESHOV, V.N., otv.red.; KONDRASHINA, N.M., red.; KARABILOVA, S.F., tekhn.red.

[New automatically controlled rectifying devices for the power supply of wire communication apparatus] Novye avtomatizirovannye vypriamitel'nye ustroistva dlia elektropitaniia apparatury provodnoi sviazi; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1960. 73 p.
(MIRA 13:12)

(Telecommunication--Equipment and supplies)
(Electric current rectifiers)

SHTAGER, Valeriy Vital'yevich; SIL'VINSKAYA, K.A., otv.red.; KONDRASHINA, N.M., red.; SHKFER, G.I., tekhn.red.

[Chebyshev approximations used in calculations of electric circuits] Chebyshevskie priblizheniia, primeniaemye v raschetakh elektricheskikh skhem. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1960. 76 p. (MIRA 13:4)
(Chebyshev polynomials) (Electric circuits)

DEM'YANCHENKO, Georgiy Vasil'yevich; KIRILLOV, Yevgeniy Vladimirovich; SHISHKINA, E.I., otv.red.; KONDRASHINA, N.M., red.; SHEFER, G.I., tekhn.red.

[Measuring apparatus used in wire communication systems] Izmeritel'naia apparatura, primeniaemaia v provodnoi sviazi. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1960. 101 p. (MIRA 14:3)
(Electronic measurements) (Telephone lines)

VASIL'YEV, S.A.; GUROV, V.S.; DAVYDOV, G.B.; ZARIN, S.A.; ZAYONCHKOVSKIY, Ye.A.; IL'INA, L.D.; KIRILLOV, Ye.V.; LISHAY, K.P.; MILEVSKIY, Yu.S.; MIKHAYLOV, M.I.; NIKOL'SKIY, K.K.; PUKHAL'SKIY, A.Ch.; PUKHAL'SKAYA, N.N.; RABINOVICH, M.B.; SHVEDSKIY, S.A.; KONDRASHINA, N.M., red.; KARABILOVA, S.F., tekhn.red.

[Recommendations of international consultative committees on telephony and telegraphy] Rekomendatsii mezhdunarodnykh konsul'tativnykh komitetov po telefonii i telegrafii. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 335 p. (MIRA 13:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR (for all except Kondrashina, Karabilova).
(Telephone) (Telegraph)

KAZARINOV, Ivan Alekseyevich; KOKOSHKIN, Pavel Aleksandrovich; KULESHOV, V.N., otv.red.; KONDRASHOVA, N.M., red.; MARKOCH, K.G., tekhn.red.

[Design of power supply devices for wire-communication enterprises] Proektirovanie elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1960. 399 p. (MIRA 14:3)
(Electric power supply for apparatus)
(Telegraph) (Telephone)

KONDRASHKIN, G.A.

PA 41/49T46

USSR/Medicine - Rats Jan/Feb 49
Medicine - Population

"Gray Rats (Rattus Norvegicus Berkenh.) of the Volga River Delta," G. A. Kondrashkin, 5 pp

"Byul Mosk Obshch Ispy Prirod, Otdel Biolog" Vol LIV, No 1

Rats which live outside houses are quite numerous in the Volga Delta. Their number remains fairly stable throughout the year, although it undergoes several seasonal variations.

[redacted]

41/49T46

KONDRASHKIN, Ya.P., kandidat tekhnicheskikh nauk; TEMKINA, R.Z., kandidat khimicheskikh nauk.

Plywood-stave liquid-proof barrels. Der.prom.4 no.1:10-12 Ja'55. (MLRA 8:3)

1. TSNIIFM.
(Barrels)

KONDRASHKIN, Ye.P., kand. tekhn. nauk.

Scientific and industrial cooperation is the basis of technical progress. Der. prom. 6 no.11:13-16 N '57. (MIRA 10:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.
(Veneers and veneering)

MOVNIN, Mikhail Savel'yevich, prof., doktor tekhn. nauk; MANZHOS, F.M., prof., doktor tekhn. nauk, retsenzent; KONDRASHKIN, Ye.P., dots., red.; VARKOVETSKAYA, A.I., red. izd-va; SOKOLOVA, L.V., tekhn. red.

[Feeding machanisms of woodworking machinery] Podaiushchie mekhanizmy derevoobrabatyvaiushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 178 p. (MIRA 11:7)
(Woodworking machinery)

BANKO, V.P.; DEMIDOVA, L.A.; ILYUSHIN, M.A.; KONDRASHKIN, Ye.P.; kand. tekhn.nauk; MIRKOVICH, R.A.; PLATNIKOVA, G.F.; POROKHIN, A.A., kand. tekhn.nauk; RUMYANTSEVA, O.M.; TEMKINA, R.Z., kand.tekhn.nauk; TIKHONOV, N.F.; SHVARTSMAN, G.M., kand.tekhn.nauk; SHEYDIN, I.A., kand.tekhn.nauk; SMIRNOV, A.V., red.; VOLOKHONSKAYA, L.V., red. izd-va; BACHURINA, A.M., tekhn.red.

[Veneerer's handbook] Spravochnik fanershchika. Vol.2. 1959. 333 p. (MIRA 13:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.
(Veneers and veneering)

KONDRASHKIN, Ya.P., kand. tekhn. nauk; USHERENKO, Z.I., inzh.

Furniture manufactured from bent and glued parts and units.
Der. prom. 8 no.8:1-4 Ag '59. (MIRA 12:12)

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TEMKINA, Riva Zakharovna, kand. khim. nauk; KONDRASHKIN, Ye.P., red.; FREGER, D.P., red. izd-va; GVIRTS, V.L., tekhn. red.

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[Woodcutting tools with increased sturd[illegible]ss and safety characteristics] Derevorezhushchie instr[illegible]nty povyshennoi bezopasnosti i stoikosti. Leningrad, 1962. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no.8) (MIRA 16:3)

(Woodworking machinery)

L 4954-66 EWT(d)/EPA(s)-2/EWT(m)/EWP(w)/EWP(f)/EWP(v)/T-2/EWP(k)/EWA(c)/ETC(m)

ACC NR: AP5025702 WW/EM SOURCE CODE: UR/0286/65/000/018/0049/0049

AUTHORS: Nanos, A. M.; Dudchenko, S. I.; Kondrashkin, Yu. V.

ORG: none

TITLE: Synchronous jet engine. Class 21, No. 174704

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 49

TOPIC TAGS: jet engine, engine component

ABSTRACT: This Author Certificate presents a synchronous jet engine with a stator made in the form of a toroidal packet with teeth on its internal surface (see Fig. 1). The stator also carries a distributed winding, while the engine's toothed rotor carries no winding. To lower the engine weight and to increase its efficiency, teeth are also produced on the outer surface of the packet, while the rotor consists of two active units mounted concentrically on the opposite sides of the stator.

Card 1/2 UDC: 621.313.323

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ACC NR: AP5025702

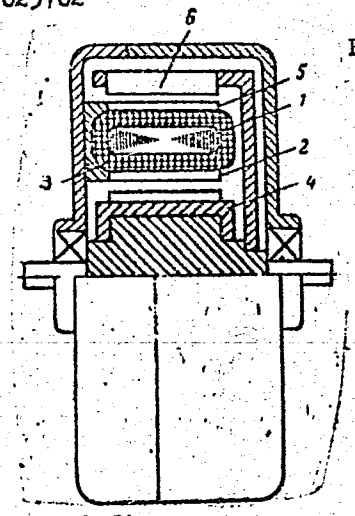

Fig. 1. 1- stator packet; 2- teeth on the internal surface; 3- annular winding; 4- internal active unit of the rotor; 5- teeth on the external surface of the stator packet; 6- external active unit of the rotor

Orig. art. has: 1 figure.

SUB CODE: PR/ SUBM DATE: 26Jul63

Card 2/2

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