SHEVCHUK, Timofey Nesterovich, doktor sel'khoz. nauk; ALEKSEYEV, Yu.V., ~~red.~~; CHUNAYEVA, Z.V., tekhn. red.

[Breeding of grain crops and seed production in Canada]Selektsiia i semenovodstvo zernovykh kul'tur v Kanade. Leningrad, Sel'khozizdat, 1961. 86 p. (MIRA 15:9)
(Canada--Grain breeding)
(Canada--Seed production)

MALENEV, Fedor Yefimovich; ALEKSEYEV, Yu.V., red.; BARANOVA, L.G., tekhn. red.

[Microelements in phytopathology] Mikroelementy v fitopatologii. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 119 p. (MIRA 15:3)
(Plant diseases) (Trace elements)

YERMAKOV, A.I., red.; ARASIMOVICH, V.V., red.; ALEKSEYEV, Yu.V., red.; BARANOVA, L.G., tekhn. red.

[Biochemistry of vegetable crops] Biokhimiia ovoshchnykh kul'tur. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 543 p. (MIRA 14:11)

(Vegetables) (Biochemistry)

ALEKSEYEV, Yu. V.

136-6-9/26

AUTHOR: Alekseyev, Yu.V., Engineer.

TITLE: Briquetting of Re-circulating Products of the Flotation of Converter Matte (Briketirovaniye oborotnykh produktov flotatsii faynshteyna)

PERIODICAL: Tsvetnyye Metally, 1957, No.6, pp. 45-48 (USSR)

ABSTRACT: The work described was carried out at the Central Works Laboratory of the Severonikel' combine with the assistance of Engineer K.I. Trukhina. It consisted of briquetting the intermediate product, the magnetic product and the cement copper under various conditions in a 5-ton press determining the specific crushing strength of the product. Room temperature briquetting at 400 kg/cm^2 without adding sulphur gave unsatisfactory briquettes; a much stronger product was obtained when the materials were heated to 100-104 °C and briquetted with sulphur; the die being heated to 125-130 °C. With additions of sulphur and cement copper and hot pressing briquettes capable of withstanding a specific load of 150-300 kg/cm^2 were obtained. Any other copper-containing and sufficiently dispersed material could be used as a binder instead of cement copper, and briquette quality was found to be independent of additions of other re-circulating products up to 15-20% by weight. The behaviour

Card1/2 of sulphur in briquetting was studied with the aid of micro-

BELOV, Yevgeniy Ivanovich; BELOVA, Tamara Pavlovna; ALEKSEYEV, Yu.V., red.; CHUNAYEVA, Z.V., tekhn. red.

[Green fallows in the northwestern U.S.S.R.] Zaniatye pary v severo-zapadnoi zone SSSR. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1960. 62 p. (MIRA 14:9)

(Fallowing)

ALEKSEYEV, Yu.V. (Monchegorsk)

Refining nickel concentrates by the elimination of iron. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.3:35-38 My-Je '60.
(MIRA 13:6)

(Nickel--Metallurgy)

69828
S/136/60/000/05/006/025
E071/E235

18.3100

AUTHORS: Poznyakov, V. Ya., Agayev, A. G., and Alekseyev, Yu. V

TITLE: An Improvement in Reducing Electrosmelting of Nickel Oxide Into Anode Metal

PERIODICAL: Tsvetnyye metally, 1960, Nr 5, pp 26-31 (USSR)

ABSTRACT: The old design of three phase electric furnaces tilting towards the slag and metal notches (2250 kVA) for reducing smelting of nickel oxide into anode metal is outlined and their operating data for the period 1951 to 1958 are given (see Table). In 1959 after initial testing the top of the furnaces was redesigned; namely a screened water cooled roof (made from three sections) with a central opening for continuous charging with a screw conveyor (Figs 1 and 2), three openings for electrodes (dipped into slag) and a side outlet for gases was introduced. The roof was lined with a 50 to 60 mm thick layer of heat resistant mass fixed on a metallic net. In the first few heats the roof lining was covered with a layer of raw nickel 50 to 70 mm thick. The formation of such protective layer was later introduced as a standard practice. For this purpose, a highly oxidised boiling

69828

S/136/60/000/05/006/025
E071/E235

An Improvement in Reducing Electrosmelting of Nickel Oxide Into Anode Metal

metal is specially produced which lead to the spraying of metal and condensation of metal drops on the roof. The service life of the old type roof was 20 heats, the new roof life increased at first to 300 and at present to 500 heats. The redesign of the furnace roof permitted recovery of furnace gases, their cleaning from dust and utilisation of heat (no details given). Operation of the furnaces with an increased power up to 800 kVA per sq m, of the furnace bottom was tested with satisfactory results. The changes in the temperature, amount and composition of gases during a single heat lasting 6 hours are plotted in Fig 3; the dependence of the specific power consumption on the weight of a heat is plotted in Fig 4; the dependence of the furnace characteristics at 225V on the current is plotted in Fig 5; the dependence of the depth of dipping electrodes into slag on voltage at 6500A is plotted in Fig 6. The investigation of the operation of the redesigned furnace was made by Engineer, V. G. Suprunenko,

Card 2/3

S/136/60/000/011/002/013
E021/E406

AUTHORS: Alekseyev, Yu.V. and Yegorov, Yu.S.

TITLE: Preparation of Active Nickel Powder by Reduction of Commercial Nickel Oxide with Hydrogen

PERIODICAL: Tsvetnyye metally, 1960, No.11, pp.33-36

TEXT: Experiments have been carried out in the laboratories of the Severonikel' Combine to test the effect of the method of preparation of nickel oxide on the properties of the nickel powder produced from the oxide. The method of preparation of the active nickel powder is given in Fig.2. Dried hydrogen is passed through a rotary tube furnace into which nickel oxide is fed. The material is in the hot zone for 4 to 4.5 hr. The nickel oxide used was obtained by a two-stage roasting process of a nickel concentrate in a multi-hearth furnace at 800 to 850°C and in a tube furnace at 1100 to 1250°C. Its average composition was 73% Ni, 2 to 9% Cu, 1 to 6% Co and 0.05 to 0.3% S. The activity of the nickel powder produced by hydrogen reduction was tested by its precipitation of copper from copper sulphate. Reduction of the nickel oxide at 450, 550 and 650°C was tried. The highest activity was obtained in the temperature region 560 to 650°C (Fig.4). At temperatures less

Card 1/2

ALEKSEYEV, Yu.V.

Refining nickel concentrates from iron. TSvet. met. 33 no.9:42-46 S '60. (MIRA 13:10)

1. Kombinat Severonikel'.
(Nickel--Metallurgy) (Magnetic separation of ores)

ALEKSEYEV, Yuriy Vasil'yevich; POPOV, Oleg Andreyevich; GLADKOV, V.A., red.; KOVRAYSKIY, K.Ye., spets. red.; SYCHEVA, V.A., tekhn. red.

[Experience in semicontinuous smelting]Opyt polunepreryvnoi plavki. Murmansk, Murmanskoe knizhnoe izd-vo, 1962. 23 p. (MIRA 15:12)

(Nickel—Electrometallurgy)

ALEKSEYEV, Yu.V.

Reconditioning the EPD potentiometer for program control. Priboro-stroenie no.4:22 Ap '62. (MIRA 15:4)
(Potentiometer)

ALEKSEYEV, Yu.V.

More on factors influencing the quality of nickel powder. TSvet. met. 35 no.12:59-60 D '62. (MIRA 16:2)
(Metal powders) (Nickel)

ALEKSEYEV, Yu.V.; ASTAF'YEV, A.F.; POPOV, O.A.; Prinimali uchastiye: AGAYEV, A.G.; REBROV, A.G.; KULAKOV, N.N.

Adopting the roasting of nickel concentrates in a fluidized bed at the "Severonikel'" Combine. TSvet. met. 36 no.7:35-42 Jl '63. (MIRA 16:8)

(Nickel--Metallurgy) (Fluidization)

ALEKSEYEV, Yu.V.; POPOV, Yu.A.

"Reaction zone" on the surface of a partially immersed electrode in a concentrated solution. Elektrokhimiia 1 no.4:422-426 Ap '65. (MIRA 18:6)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut imeni Karpova, Moskva.

L 59538-65

ACCESSION NR: AP5016826

UR/0364/65/001/006/0702/0706
541.136

AUTHOR: Alekseyev, [illegible] V.; Popov, Yu. A.

TITLE: Motion of a tricomponent gas mixture in a capillary adjacent to a surface on which an electrochemical reaction occurs

SOURCE: Elektrokhimiya, v. 1, no. 6, 1965, 702-706

TOPIC TAGS: tricomponent gas mixture, capillary motion, electrochemical reaction

ABSTRACT: A general mathematical treatment is given for the motion of a tricomponent gas mixture in a capillary in which an electrochemical reaction takes place at the wall. Depending on the molar ratio of gaseous reactants to products, the flow rate within the capillary is accelerating or decelerating. The treatment allows [illegible] diffusion [illegible] gas mixture which is per-

dependence of maximum current upon the external gas [illegible] dimensions of capillary, and nature of the gases. A detailed treatment is given for

Card 1/2

L 1353[illegible]-65

[illegible]

[illegible]

[illegible]

$$O_2 + 2CO_2 \rightarrow 2CO_3^{2-} \quad 4e^-.$$

For the case of a mixture of air with CO_2 (at 1 atm, about 1000°K, capillary diameter 0.015 cm, and capillary length of about 0.5 cm) the maximum electrical current [illegible]. Thanks are [illegible] and N. A. Aladzhalov for suggesting the topic of this work." Orig. art.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Institute)

SUBMITTED: 23Nov64	ENCL: 00	SUB CODE: GC
NO REF SOV: 000	OTHER: 001	

Card 2/2

ALEKSEYEV, Yu.V.

Comparing the performance of air distributing nozzles in fluidized bed furnaces. TSvet. met. 38 no.8:19-26 Ag '65.
(MIRA 18:9)

ALEKSEYEV, Yu.Ya.; GOLYSHEVA, M.D.

Isolated occurrence of Anemone nemorosa L. in the southeastern part of Moscow Province. Bot.zhur. 47 no.4:579 Ap '62. (MIRA 15:8)

(Moscow Province--Anemones)

DVORAKOVSKIY, M.S.; ALEKSEYEV, Yu.Ye.

Comparative characteristics of young growths of English oak under different ecological conditions. Vst. Mosk. un. Ser. biol., pochv., geol., geog. 13 no.2:55-65 '58. (MIRA 11:9)

1. Moskovskiy gos. universitet, Kafedra geobotaniki.
(Oak)

ALEKSEYEV, Yu.Ye.

Morphology of germination in some species of the genus Cerasus. Nauch. dokl. vys. shkoly; biol. nauki no.4:105-107 '59. (MIRA 12:12)

1. Rekomendovana botanicheskim sadom Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(Cherry)(Germination)

ALEKSEYEV, Yu.Ye.

Morphogenesis of seedlings in some species of the genera Cerasus and Padus. Nauch.dokl.vys.shkoly: biol.nauki no.4:135-138 '60.
(MIRA 13:11)

1. Rekomendovana Botanicheskim sadom Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(SEEDLINGS)
(CHERRY)

ALEKSEYEV, Yu.Ye.

Northern limit of the steppe cherry Cerasus fruticosa (Pall.) Woron. in the Central Russian Upland. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.6:53-59 N-D '61. (MIRA 15:1)

1. Kafedra geobotaniki Moskovskogo universiteta.
(Central Russian Upland--Cherry)

ALEKSEYEV, Yu.Ye.

Development of the generative shoot in Cerasus fruticosa (Pall) G. Woron within the bud. Nauch. dokl. vys. shkoly; biol. nauki no.2: 118-122 '62. (MIRA 15:5)

1. Rekomendovana kafedroy geobotaniki Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(CHERRY) (PLANTS, FLOWERING OF)

ALEKSEYEV, Yu.Yo.

Fragments of mountain steppes in the Southern Urals. Bot. zhur. 50 no.4:551-556 Ap '65. (MIRA 18:5)

L 40318-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/ETI/EWA(k)/EWP(h)/EWP(l) IJP(c)

ACC NR: AP6005335 SOURCE CODE: UR/0413/66/000/001/0072/0072

41
B

INVENTOR: Katler, S. M.; Alekseyev, Yu. Ye.; Belinskiy, S. M.; Temkin, B. Ya.

ORG: none

TITLE: Device for activation and maintenance of an a-c welding arc. Class 21, No. 177574 [announced by the All-Union Scientific Research Institute for Electric Welding Equipment (Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudo aniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 72

TOPIC TAGS: ~~arc activation~~, arc welding ~~arc~~, ~~arc maintenance~~, ~~arc~~ welding equipment

ABSTRACT: An Author Certificate has been issued describing a device for activating and maintaining an a-c arc generating one pulse per cycle or half cycle of voltage from the welding-arc power source; it also contains a storage battery, a commutator, a control block. In order to phase the pulse against the shape of the voltage curve on the

Card 1/2 UDC: 621.791.75—503.51

ACC NR: AP7011826 SOURCE CODE: UR/0079/66/036/010/1742/1746

AUTHOR: Zhdanov, Yu. A.; Alekseyev, Yu. Ye.; Dorofeyenko, G. N.

ORG: Rostov on the Don State University (Rostovskiy-na-Donu gosudarstvennyy universitet)

TITLE: Condensation of phosphoranes with 1,2-O-cyclohexylidene-alpha-D-xylopentadialdose

SOURCE: Zhurnal obshchey khimii, v. 36, no. 10, 1966, 1742-1746

TOPIC TAGS: organic chemical synthesis, organic phosphorus compound

SUB CODE: 07

ABSTRACT: 1,2-O-Cyclohexylidene-alpha-D-xylopentadialdose (I), a cyclohexylidene analog of 1,2-O-isopropylidene-alpha-D-xylopentadialdose (a promising intermediate for the preparation of higher sugars with an aldehyde group at the first carbon atom by the Wittig reaction), was synthesized in the form of a crystalline, non-hygroscopic powder. Its infrared spectrum and structure-revealing chemical reactions were studied. The compound was found to react with phosphoranes of the second group, forming unsaturated derivatives of sugars with a furanose ring.

Orig. art. has: 3 formulas. [JPRS: 40,351]

Card 1/1 UDC: 547.454.661.718.1

25(2) PHASE I BOOK EXPLOITATION SOV/1295

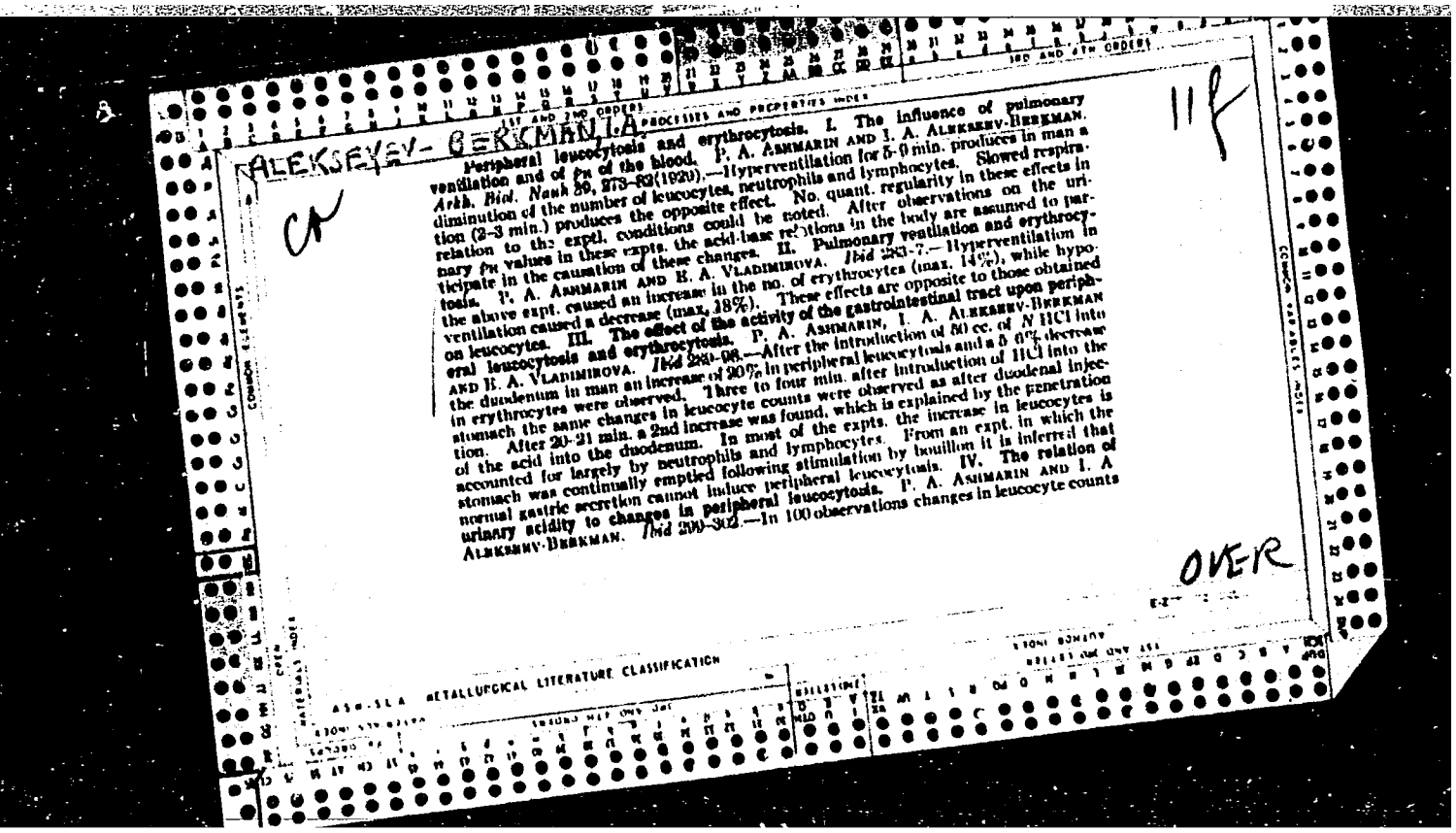
Alekseyev, Zosim Kirillovich, Candidate of Technical Sciences, Docent
Rukovodstvo po raschetu i proyektirovaniyu reduktorov (Manual for Design of Speed Reducers) Moscow, Mashgiz, 1958. 359 p. 20,000 copies printed.

Reviewers: Ruzhentsev, S.P., Professor, and Kulikov, G.A., Candidate of Technical Sciences, Docent; Ed.: Polyakov, V.S., Candidate of Technical Sciences; Ed. of Publishing House: Vasil'yeva, V.P.; Tech. Ed.: Pol'skaya, R.G.; Managing Ed. for Literature on the Design and Operation of Machinery (Leningrad Division, Mashgiz): Fetisov, F.I., Engineer.

PURPOSE: The book is a textbook for mechanical engineering students in vuzes preparing term projects on the design of machine elements.

COVERAGE: A method is presented for calculating bending and shear contact stresses of spur, parallel helical, double helical (herringbone) and straight bevel gears and worm gearing. Suggestions are made for the design and construction of gears and worm-gearing, worms, shafts, speed reducer housings, subassemblies with rolling contact bearings and other elements of speed reducers. Examples of design for related speed reducers are presented. The names of A.I. Petrusevich, N.I. Kolchin, V.N. Kudryavtsev, L.D. Chasovnikov, M.S. Polotskiy, V.D. Andozhskiy, are mentioned as having contributed to this field

~~Card 1/10~~



ALEKSEYEV-BERKMAN, I.A.

11f

Peripheral leucocytosis and erythrocytosis. I. The influence of pulmonary ventilation and of p_H of the blood. P. A. Ashmarin and I. A. Alekseyev-Berkman. *Arkh. Biol. Nauk* 20, 273–82(1920).—Hyperventilation for 5–9 min. produces in man a diminution of the number of leucocytes, neutrophils and lymphocytes. Slowed respiration (2–3 min.) produces the opposite effect. No quant. regularity in these effects in relation to the expt., conditions could be noted. After observations on the urinary p_H values in these expts. the acid-base relations in the body are assumed to participate in the causation of these changes. II. Pulmonary ventilation and erythrocytosis. P. A. Ashmarin and E. A. Vladimirova. *Ibid* 283–7.—Hyperventilation in the above expt. caused an increase in the no. of erythrocytes (max. 14%), while hypoventilation caused a decrease (max. 18%). These effects are opposite to those obtained on leucocytes. III. The effect of the activity of the gastrointestinal tract upon peripheral leucocytosis and erythrocytosis. P. A. Ashmarin, I. A. Alekseyev-Berkman and E. A. Vladimirova. *Ibid* 289–98.—After the introduction of 50 cc. of *N* HCl into the duodenum in man an increase of 90% in peripheral leucocytosis and a 5–6% decrease in erythrocytes were observed. Three to four min. after introduction of HCl into the stomach the same changes in leucocyte counts were observed as after duodenal injection. After 20–21 min. a 2nd increase was found, which is explained by the penetration of the acid into the duodenum. In most of the expts. the increase in leucocytes is accounted for largely by neutrophils and lymphocytes. From an expt. in which the stomach was continually emptied following stimulation by bouillon it is inferred that normal gastric secretion cannot induce peripheral leucocytosis. IV. The relation of urinary acidity to changes in peripheral leucocytosis. P. A. Ashmarin and I. A. Alekseyev-Berkman. *Ibid* 299–302.—In 100 observations changes in leucocyte counts

OVER

A50-51A METALLURGICAL LITERATURE CLASSIFICATION

warm air. It was then treated several times with excess benzidine-HCl in the cold or at 40°, extracted with a small amt. 0.01 *N* HCl, centrifuged and the HCl exts. were collected. Na_2SO_4 was added dropwise to the HCl ext. until all the benzidine was just pptd., the mixt. centrifuged, filtered, neutralized with very dil. NaOH, and pptd. with alc. or evapd. in vacuum. The insulin is thus obtained as an amorphous, light gray powder. Benzoechtrosa 2 BL ppts. insulin completely from acidulated, aq.-alc. soln. The insulin cannot be pptd. in the same manner from the alc. ext. of the organ, but after driving off the alc. the dye ppts. it quantitatively. In order to do this rapidly the ext. is treated several times with ether to ext. the alc., the ether evapd. at 40°, and the dye added immediately. The compd. of insulin with Benzoechtrosa is readily sol. in 0.01 *N* NH_3, NaOH, KOH and $NaHCO_3$, difficultly sol. in ether, and insol. in dil. HCl or H_2SO_4. The double compd. in NH_3 soln. greatly lowers the blood sugar of rabbits, from 1 to several clinical units producing death. The NH_3 soln. acidulated with HCl (formation of ppt.) remains entirely active several months. The firey red color of the NH_3 soln. of the double compd. can be used for the *colorimetric detn. of insulin*. Schering insulin serves as a standard for comparison: 1 cc. (60 units) is diluted with 0.01 *N* HCl to 1 unit/cc., pptd. with Benzoechtrosa, and dissolved in 0.01 *N* NH_3 to give 1 unit in 10 cc. The method is very satisfactory. M. G. M.

ALEXEEV-BERKMAN, I.

"Dysenterie chronique." Alexeev-Berkman, I., (p. 202)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, no. 2-3.

ALEKSEYEV-BERKMAN, I.A.; ABRAKOV, L.V., redaktor.

[Clinical coprology] Klinicheskaia koprologiia. [Leningrad] Gos. izd-vo med. lit-ry, 1954. 310 p. (MLRA 7:8)
(Feces--Analysis)

88151
S/110/60/000/002/005/005
E073/E455

9.6000 (3702, 1067, 1089)

AUTHORS: Mikhaylov-Mikulinskiy, M.S., Candidate of Technical Sciences and Alekseyev-Mokhov, S.N., Engineer

TITLE: Bi-Rotating Meter for Measuring the Slip of Asynchronous Motors

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.2, pp.77-78

TEXT: The authors developed at MEI a new instrument (Author's Certificate No.121185 of 1959) for measuring the slip of asynchronous motors. A sketch of it is shown in Fig.1. It consists of a bi-rotative synchronous motor, i.e. a motor whose rotor and stator can both rotate. The rotor is driven by reduction gearing; the stator drives a tachometer. The spindle 1 with a rubber tip is connected via the reduction gearing 2 to the shaft of the rotor which will be referred to as the internal rotor. The stator will be referred to as following as the external rotor and is connected by means of toothed gears with the shaft of the tachometer. With the synchronous motor switched on, the spindle tip of the instrument is pressed onto the shaft of the asynchronous motor whose slip is

Card 1/4

88151
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E073/E455

Bi-Rotating Meter for Measuring the Slip of Asynchronous Motors

to be measured. The pointer of the tachometer indicates the slip in percent. The principle of operation is as follows: the synchronous motor has as many poles as the asynchronous motor to be tested and rotates with a speed n_1 (both motors are fed from the same supply system). The external rotor of the bi-rotative motor is so connected to the supply system that its field rotates in the direction of rotation of the asynchronous motor, and the internal rotor is coupled to the rotor of the motor under test. Thus, the external rotor will rotate with the speed $n_1 - n$, due to the synchronous rotation of the field and of the internal rotor. The external rotor being coupled to the tachometer, $n_1 - n$ will be measured, the accuracy depending on the tachometer. It is obvious that thus the slip will be measured more accurately than if the total rpm were measured. The instrument is suitable for indicating slips between 0.5 and 200%. In the case of 100% slip, the motor under test, and consequently also the spindle of the instrument, will be static. Since the slip is inversely proportional to the speed n_1 and the frequency, the measured slip

Card 2/4

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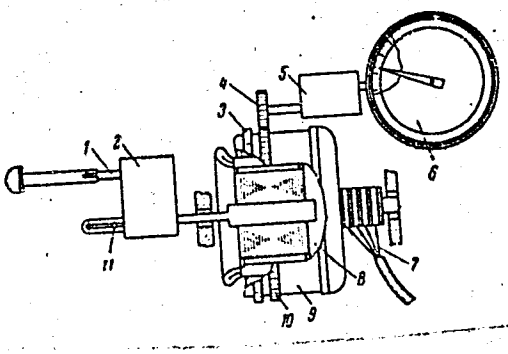
S/110/60/000/002/005/005
E073/E455

Bi-Rotating Meter for Measuring the Slip of Asynchronous Motors

Fig.1. Sketch of the Instrument



1 - Spindle with rubber tip
2 - reduction gearing
3 - additional scale
4 - transmission gear
5 - reduction gearing to the tachometer used as a range switch
6 - scale of the tachometer graduated in percent of slip
7 - current supply
8 - internal rotor
9 - external rotor
10 - gear fitted on the external rotor
11 - switch for changing the number of poles.

Card 4/4

MIKHAYLOV-MIKULINSKIY, M.S., kand. tekhn. nauk, dots.;
ALEKSEYEV-MOKHOV, S.N., assistent

Calculation of the magnetic circuit of a synchronous machine.
Trudy MEI no.39:65-68 '62. (MIRA 17:6)

ALEKSEYEV-MOKHOV, S.N., inzh.

Determination of the principal dimensions of a motor with a rolling rotor. Vest. elektroprom. 34 no.5:72-74 My '63. (MIRA 16:5)
(Electric motors)

L 1259-66 EPA(s)-2/EWT(1)

ACCESSION NR: AP5024375 UR/0286/65/000/015/0052/0052
621.313.333

AUTHOR: Mikhaylov-Mikulinskiy, M. S.; Alekseyev-Mokhov, S. N.

TITLE: A motor with a rolling rotor. Class 21, No. 173308

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 52

TOPIC TAGS: electric motor, electric rotating equipment

ABSTRACT: This Author's Certificate introduces: 1. A motor with a rolling rotor and two three-phase windings on the stator. Both these windings have the same number of pole pairs which are fed from a common circuit or from circuits with equal frequencies. The operational reliability of the motor is improved by mounting wheels on both ends of the rotor shaft which roll on bearing rings fastened into the stator frame. 2. A modification of this motor designed for synchronous speed. The wheels on the ends of the rotor shaft have teeth which mesh with teeth in the bearing rings. Roller bearings are also fastened to the rotor shaft. These bearings are located in sockets hollowed out of the motor housing. The difference between the diameter of

Card 1/3

L 1259-66

ACCESSION NR: AP5024375

the socket and that of the outer bearing ring is the same as the difference in the design diameters of the gears.

ASSOCIATION: none

SUBMITTED: 05May61 ENCL: 01 SUB CODE: EE

NO REF SOV: 000 OTHER: 000

Card 2/3

L 1259-66

ACCESSION NR: AP5024375

ENCLOSURE: 01

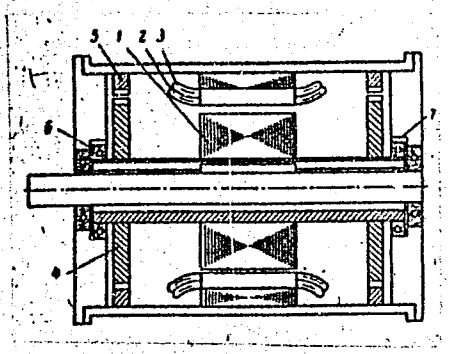


Fig. 1. 1--rotor; 2 and 3--three-phase windings on the stator; 4--wheels; 5--bearing rings; 6--roller bearing; 7--socket

Card 3/3

ZDANOVICH, V.G., prof.; ALEKSEYEV-SHEMYAKIN, V.P., inzh.

Adjustment of radiogeodetic measurements carried out by the phase sounding method. Izv. vys.ucheb. zav.;geod. i aerof. no.2:13-24 '62. (MIRA 15:9)

1. Laboratoriya aerometodov AN SSSR.
(Radar in surveying)

ALEKSEYEV-SHEMYAKIN, V.P.

ZDANOVICH, V.G., doktor tekhh. nauk, prof.; RAMM, N.S., kand. tekhn. nauk, st. nauchnyy sotr.; SHARIKOV, Yu.D., kand. tekhn. nauk, st. nauchnyy sotr.; YANUTSH, D.A., kand. tekhn. nauk, st. nauchnyy sotr.; CHERKASOV, I.A., kand. tekhn.nauk; ALEKSEYEV-SHEMYAKIN, V.P., nauchnyy sotr.; KOL'TSOV, V.V., nauchnyy sotr.; KOSHECHKIN, B.I., nauchnyy sotr.; SEMENCHENKO, I.V., nauchnyy sotr.; UGLEV, Yu.V., nauchnyy sotr.; KUZINA, A.M., starshiy laborant; KUDRITSKIY, D.M., kand. tekhn. nauk, dots., retsenzent; VEYNBERG, V.B., doktor tekhn. nauk, retsenzent; LOSHCHILOV, V.S., kand.geogr. nauk, retsenzent; REKHTZAMER, G.R., kand. tekhn.nauk, dots., retsenzent; KOZLYANINOV, M.V., kand. geogr. nauk, retsenzent; BUSHUYEV, A.V., inzh., retsenzent; ZAMARAYEVA, R.A., tekhn. red.

[Use of airborne methods to study the sea] Primenenie aerometodov dlia issledovaniia moria. Pod obshchei red. V.G.Zdanovicha. Moskva, Izd-vo Akad. nauk SSSR, 1963. 546 p. (MIRA 16:4)

1. Akademiya nauk SSSR. Laboratoriya aerometodov, 2. Laboratoriya aerometodov Akademii nauk SSSR (for Zdanovich, Ramm, Sharikov, Yanutsh, Cherkasov, Alekseyev-Shemyakin, Kol'tsov, Koshechkin, Semenchenko, Uglev, Kuzina).
(Aeronautics in oceanography) (Aerial photogrammetry)

ALEKSEYEVA, A.

V-11

USSR/Human and Animal Physiology - Neuro-Muscular Physiology.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4373

Author : A. Alekseyeva

Inst : Central Institute of Prosthetology.

Title : Restoration of the Functions of Transplanted Muscles.

Orig Pub : In: 5-aya nauchn. sessiya Tsentr. n.-i. in-ta protyezir. i protyezostr. M., 1956, 401-404

Abstract : Studies were conducted of 12 children from 10 to 16 years old who had had poliomyelitis in early childhood and had undergone plastic surgery of the muscles and tendons. In patients with predominant excitation processes and with a strong conditioned-reflex reaction to various stimuli which rose toward the end of the experiment, chronaxia data on trnsplanted muscles appeared earlier after

Card 1/2

VOL'PER, Izrail' Naumovich, inzh.-khimik; ALEKSEYEVA, A., red.; VOLYNTSEVA, V., tekhn. red.

[Great chemistry] Bol'shaia khimiia. Moskva, Molodaia gvardiia, 1961. 158 p. (MIRA 15:7)
(Chemicals industry)

ALEKSEYEVA, A.

Mind, honor and conscience of our era. Grazhd.av. 20 no.7:2 of cover, 1-3 Jl '63. (MIRA 16:9)
(Communist party of the Soviet Union--Party work)

ALEKSEYEVA, A.A., prof., otv. za vypusk; PETUKHOV, M.I., dots., zam. red.; POKROVSKIY, Ye.A., ass., red.; ALMAZOVA, Ye., tekhn. red.

[New data on the biochemistry of the sexual glands under normal conditions and in some pathological states (radiation lesions and hypoxia)] Novye dannye po biokhimii polovykh zhelez v norme i pri nekotorykh patologicheskikh sostoianiiakh (luchevye povrezhdeniia i gipoksiia). Kalinin, Kalininskoe knizhnoe izd-vo, 1963. 122 p. (MIRA 17:3)

1. Kalinin. Meditsinskiy intitut.

ALEKSEYEVA, A.A., Cand Med Sci—(diss) "Total protein and protein fractions of the blood serum in patients with simple and toxic goiter during various periods of treatment." Len, 1958. 16 pp (First Len Med Inst im I.P. Pavlov. Chair of Faculty Surgery. Chair of Biochemistry), 200 copies (KL,26-58,115)

5758. POSTOPERATIVE CHANGES OF THE BLOOD SERUM WHOLE PROTEIN AND ITS FRACTIONS IN THYROTOXICOSIS (Russian text) - Alekseyeva A. A. - VESTN. KHIR. 1958, 81/8 (58-63) Tables 2

The blood serum whole protein and its fraction were studied in 71 patients with thyrotoxicosis of different degree, 30 persons with simple goitre and 20 individuals materially healthy. In the first 4-5 postoperative days the majority of patients showed a reduction of the whole protein owing to a diminution of the albumin level. Among the globulins there was a trend to an increase of their level due, in the main, to α-globulin changes. The impairment of the usual correlation of the protein fractions became apparent through the changes of the protein ratio that were markedly reduced. These changes in blood protein were due not only to the cardinal disease but also to the operative (blood loss, shock) and postoperative complications (pain in swallowing and vomiting) in the first and second postoperative day. At the time of discharge there were signs of blood protein normalization but not in all patients. This tendency was most prominent in the albumin fractions, their quantity not always returning to the previous level. These facts reveal an impairment of meta-

Faculty Surgery clinic, and Chair Biochemistry, 1st Leningrad Medical Institute im I. P. Pavlov

ALEKSEYEVA, A.A. (Astrakhan', Teatral'naya pl., 2, kv. 28)

Changes in the fecal protein and protein fractions of the blood before and after surgery for simple goiter. Vest. khir. 82 no.6: 58-60 Je '59. (MIRA 12:8)

1. Iz fakul'tetskoy khirurgicheskoy [illegible] (zav. - prof. V.I. Kolesov) i kafedry biokhimii [illegible] (zav. - prof. M. Gefter) 1-go Leningradskogo meditsinskogo instituta im. I.P. Pavlova.
(GOITER) (BLOOD PROTEINS)

ALEKSEYEVA, A. A.

"Data on the Origin, Diagnosis, Clinical Aspects, and Treatment of Paratyphoid Carrying." Cand Med Sci, Second Moscow Medical Institute (RZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

ALEKSEYEVA, A.A.; BALEZINA, T.I.

Treatment of pneumonia with tetracycline. Antibiotiki 5 no. 5:108-112 S-O '60. (MIRA 13:10)

1. Klinika virusnykh zabolevaniy (zav. - prof. N.V. Sergeyev) II Klinicheskoy infektsionnoy bol'nitsy, laboratoriya fiziologii (rukovoditel' - prof. Z.V. Yermol'yeva) Instituta virusologii AMN SSSR.

(PNEUMONIA) (TETRACYCLINE)

ALEKSEYEVA, A.A.; ZAKSTEL'SKAYA, L.Ya.; KHARAKHASH'YAN, K.T.

Clinical aspects and treatment of influenza B during a winter outbreak. Sov.med. 24 no.11:90-96 N '60. (MIRA 14:3)

1. Iz kliniki virusnykh zabolevaniy (zav. - prof. N.V.Sergeyev) i laboratorii grippa (zav. - prof. V.M.Zhdanov) Instituta virusologii AMN SSSR (dir. - prof. P.H.Kosyakov).
(INFLUENZA)

EPSHTEYN, F.G.; SOROKINA, Ye.Yu.; KNYAZEVA, L.D.; ALEKSEYEVA, A.A.; SLEPUSHKIN, A.N.; KHARAKHASH'YAN, K.T.; ORLOVA, N.N.

Clinical course of type C influenza in adults. Zhur. mikrobiol. epid. i immun. 31 no. 10:71-76 O '60. (MIRA 13:12)

1. Iz kliniki Instituta virusologii AMN SSSR na Baze 2-y klinicheskoy infektsionnoy bol'nitsy.

(INFLUENZA)

ALEKSEYEVA, A. A., SOROKINA, Y.Y., LOSHKINA, A.M., KETILADZE, Y.S., KNYAZEVA.

"Some clinical and laboratory observations of influenza during the extrapidemic interval."

Report submitted for the 1st Intl. Congress on Respiratory Tract Diseases of Virus and Rickettsial Orgin. Pague, Czech. 23-27 May 1961.

KITELADZE, Ye.S.; EPSHTEYN, F.G.; ALEKSEYEVA, A.A.; SOROKINA, Ye.Yu.; KNYAZEVA, L.D.; LOZHKINA, A.N.; ZAKSTEL'SKAYA, L.Ya.; KHARAKHASH'YAN, K.T.

Clinical and virological study of influenza during the 1959 winter outbreak. Vop. virus. 6 no.5:629-630 '61. (MIRA 15:1)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA)

AIEKSEYEVA, A.A.; YEFIMOVA, Ye.S.; TERENT'YEVA, T.G.

Treatment of early pneumonias in influenza using bicillin-3. Antibiotiki 6 no.11:975-979 N '61. (MIRA 15:3)

1. Klinika [illegible]shnykh zabolevaniy Instituta virusologii AMN SSSR, 2-ya Klinicheskaya infektsionnaya bol'nitsa (glavnyy vrach A.M. Pyl'tsova), kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR prof. Z.V. Yermol'yeva) TSentral'nogo instituta usovershenstvovaniya vrachey.
(PNEUMONIA) (INFLUENZA) (BICILLIN)

KETILADZE, Ye. S.; ALEKSEYEVA, A. A.; SOROKINA, Ye. Yu.; LOZHKINA, A. N.; KNYAZEVA, L. D.; ZAKSTEL'SKAYA, L. Ya.; LYARSKAYA, T. Ya.

Angina in influenza and adenovirus diseases. Vest. otorin. no.3: 9-15 '62. (MIRA 15:6)

1. Iz klinicheskogo otdeleniya (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. A. F. Bilibin, zav. - dotsent Ye. S. Ketiladze) Instituta virusologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V. M. Zhdanov) na baze klinicheskoy infektsionnoy bol'nitsy No. 2, Moskva.

(INFLUENZA) (ADENOVIRUS INFECTIONS)
(TONSILS--DISEASES)

KETILADZE, Ye.S.; KNYAZEVA, L.D.; ALEKSEYEVA, A.A.; SOROKINA, Ye.Yu.; LOZHKINA, A.N.

Influenza and acute respiratory diseases of adenovirus etiology in adults. Sov.med. 26 no.6:92-99 Je '62. (MIRA 15:11)

1. Iz kliniki (zav. - prof. N.V.Sergeyev [deceased]) Instituta virusologii imeni D.I.Ivanovskogo AMN SSSR (dir. - prof. P.N. Kosyakov) na baze Klinicheskoy infektsionnoy bol'nitsy No. 2 (glavnyy vrach A.M.Fyl'tsova).
(ADENOVIRUS INFECTIONS) (INFLUENZA)
(RESPIRATORY ORGANS--DISEASES)

1. ALEKSEYEVA, A.A.

2. USSR (600)

4. DDT (insecticide; wool

7. Effect of DDT dusts and "Hexachloran" on the fleece of the fine-wooled sheep. Sov. zootekh. 7 No. 5:77-83 My '52, Gosudarstvennyy Institut Veterinarnoy Dermatologii.

9. Monthly List of Russian Accession, Library of Congress July 1952. Unclassified.

ALEKSEYEVA, A. A.

"The Effect of DDT Sprays on the Organism of Animals and the Wool of Sheep." Cand Biol Sci, All-Union Inst of Experimental Veterinary Medicine of the Ministry of Agriculture and Procurement USSR, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

ALEKSEYEVA A A

[illegible] of DDT in milk from cows treated [illegible] development of young pigs.

USSR / Pharmacology, Toxicology. Toxicology. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42519.

Author : Alekseyeva A. A.
Inst : All-Union Scientific Research Institute of Veterinary Science, Hygiene and Ectoparasitology.
Title : Toxicity of DDT in External Application to Rabbits.

Orig Pub: Tr. Vses. n.-i. in-t vet. sanitarii i ektoparazitol., 1957, 11, 141-159.

Abstract: DDT in oil, applied to the skin of a rabbit penetrated through intact skin and remained there for about 35 days. In doses of 1.7-3.1 g/kg or 0.0214-0.0358 g/cc^2 DDT caused acute toxic manifestations with damage to the CNS, liver and kidneys, ending in death. Following repeated application of DDT in oil to skin, an increase in blood leucocytes was noted.

Card 1/1

ALEKSEYEVA, A.A., kand.bilogicheskikh nauk

Role of vitamin and mineral deficiencies in the etiology of dyspepsia in newborn calves. Trudy Us.nauch.-issl.inst.vet. 14:189-196 '61. (MIRA 16:2)

(Dyspepsia)
(Calves--Diseases and pests)
(Uzbekistan--Cows--Feeding and feeds)

ALEKSEYEVA, A.A., kand.veterinarnykh nauk

Toxicity of DDT to cattle. Trudy Uz.nauch.-issl.inst.vet. 14:197-206 '61. (MIRA 16:2)
(DDT (Insecticide)--Toxicology) (Cattle--Diseases and pests)

ALEKSEYEVA, A. B

107-5-34/54

AUTHOR: Roginskiy, V.

TITLE: A Conference on Television (Konferentsiya po televideniyu)

PERIODICAL: Radio, 1956, Nr5, pp. 42-43 (USSR)

ABSTRACT: The second scientific and engineering Conference on television took place in Leningrad recently. Over 350 people took part in the Conference, among them "scientists and specialists" from Moscow, Leningrad, Kiyev, Gor'kiy, Khar'kov, Odessa, Riga, Tallin, L'vov, Omsk and other cities. Exchange of experience in operation of tv broadcast stations was the main topic.

Reports on the prospects of tv broadcasts, the quality of reproduction, the transmitting tv tubes, the operating experience of tv stations, the exchange of tv programs and long-distance tv, and the applications of tv in national economy were delivered.

In the engineer M.I. Krivosheyev's report "The Prospects of TV Broadcasting in the USSR" the directives of the 20th Party Congress were cited. In the 6th Five-Year Plan the number of tv broadcast stations is to be brought to 75 as compared to the existing 12. The tv stations are being built in Stalino, Vil'nus, Tbilisi, Yerevan, Stalinabad and other cities. Particularly large tv centers are planned for Moscow and Leningrad with 80/40 kw in antenna, the tower height up to 300 m, and the number of studios 11.

Card 1/4

A Conference on Television

Engineer Ya. I. Efrussi delivered a report on "The Ways to Improve the Quality of Black-and-White Television". He noted the distortions inserted by the vestigial sideband system of tv transmission; also by various defects in the scanning systems. 15 to 20% of nonlinearity in scanning is usually tolerated; but this is inadmissible from the standpoint of quality of the picture. Decisions taken on this report call for working out of standards on linear and nonlinear tv distortions from various causes.

Engineer A.I. Shchipkov delivered the report "Brilliance Fidelity in the Black-and-White Television". He noted that in case of artistic tv broadcasts a correct relation between the brilliances of the spot-light objects and the background must be preserved rather than absolute values of the brilliances. For a correct reproduction of brilliance contrasts all nonlinearities of the individual elements of a tv system should be adequately compensated.

Engineers A.B. Alekseyeva and Ye.M. Ponomareva delivered reports on tv transmission tubes ЛИ-7 and ЛИ-17 giving their basic data, operative peculiarities and methods of improvements. These types are mostly used in Soviet tv transmitting equipment. Their service life characteristics are too diversified, they often have black spots on the screen and other defects. The conference decided to ask МПРТ to develop better tubes operating at 300-lux illumination.

Card 2/4

A Conference on Television

Engineer L.T. Perevezentsev in his report "Color-Splitting System Design in a Scanning-Beam Transmitter" gave design formulae for a simplest color division system having the least losses of the luminous flux. An experimental compatible color tv system was demonstrated at the Conference. Overall frequency band 6 mc, with brightness component occupying 6 mc, and color information 2 mc for red and 0.6 mc for blue shades.

Candidate of Technical Sciences A.D. Artym delivered the report "Methods of Effecting FM by Means of the Phase Modulation".

Candidate of Technical Sciences E.I. Golovanevskiy delivered the report "Resnatron vs. Klystron as a Power Amplifier in TV Transmitters" in which he showed that resnatron amplifiers may develop 30 to 50 kw with 40 to 50% efficiency.

Candidate of Technical Sciences M.O. Gliklikh and engineer D.A. Taranets reported on the modern techniques of tv program recording, giving the advantages of a new electronic compensation of the motion of a movie film as developed by Taranets.

Candidate of Technical Sciences I.A. Moroz in his report "Methods of TV Signal Transmission over the Long-Distance Lines" and the Candidate of Technical Sciences A.K. Oksman in his report "Antinoise Methods for Long-

ALEKSEYEVA, A.B.

Find of a new-type highly carbonized bitumen in the middle Olenek Valley. Lit. i pol. iskop. no.2:142-146 Mr-Ap '64. (MIRA 17:6)

1. Nauchno-issledovatel'skiy institut geologii Arktiki.

ALEKSEYEVA, A.G., inzh.

Using television in controlling production processes of stone crushing unit. Mekh. stroi. 17 no.10:29 O '60. (MIRA 13:10)
(California--Stone, Crushed) (Industrial television)

ALEKSEYEVA, A.I.

Characteristics of the anatomic structure of wood of the Karelian birch (Betula verrucosa forma carelica Soc.). Nauch. dokl. vys. shkoly; biol. nauki no.1:123-128 '62. (MIRA 15:3)

1. Rekomendovana kafedroy botaniki i dendrologii Vsesoyuznogo zaochnogo lesotekhnicheskogo instituta.
(BIRCH)

ALEKSEYEVA, A. I.

ALEKSEYEVA, A. I.: "The role of light in forming the fruit of ramose wheat". Leningrad, 1955. All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. Agrophysical Sci Res Inst. (Dissertations for the degree of Candidate of Agricultural Science)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

ZVONKOV, N.A.; ALEKSEYEVA, A.I.

Some comments on the therapy of obliterating endarteritis. Vest. Khir. 84 no.6:107-108 Je '60. (MIRA 13:12)
(ARTERIES—DISEASES)

ALEKSEYEVA, A. I.

Effectiveness of roentgenotherapy in cancer of the larynx in women. Vest. otorin. no.5:68-71 '61. (MIRA 14:12)

1. Iz rentgenoterapevticheskogo otdeleniya (zav. - doktor meditsinskikh nauk T. G. Larioshchenko) Onkologicheskogo instituta imeni P. A. Gertsena (dir. - prof. A. N. Novikov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. A. I. Savitskiy), Moskva.

(LARYNX--CANCER) (X RAYS--THERAPEUTIC USE)

ALEKSEYEVA, Z. K.

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Chemical Industry and Misc.
Industrial Products

The content of silicon in the blood of silicosis patients. Z. K. Beglova and A. I. Alekseeva. *Vestnik Akad. Nauk Kazakh. S.S.R.* 10, No. 7, (Whole No. 100), 89–95(1953).—On the basis of clinical results it is concluded that spectrographic analysis for Si run on blood samples of suspected cases can be used for diagnosis of silicosis in early stages provided it is combined with general examn. and lung x-ray. The actual Si level does not seem to be as important in workers that spend much time in mines, in this respect, as is the stability of Si blood level. High Si level that persists indicates silicosis. G. M. Kosolapoff

BEGLOVA, Z.K.; ALEKSEYEVA, A.I.

Silicon content of the blood and tissues in silicosis. Bor'ba s sil. 2:313-317 '55. (MLRA 9:5)

1. Institut krayevoy patologii Akademii nauk Kazakhskoy SSR.
(SILICON IN THE BODY) (LUNGS--DUST DISEASES)

REGLOVA, Z.K.; ALEKSEYEVA, A.I.

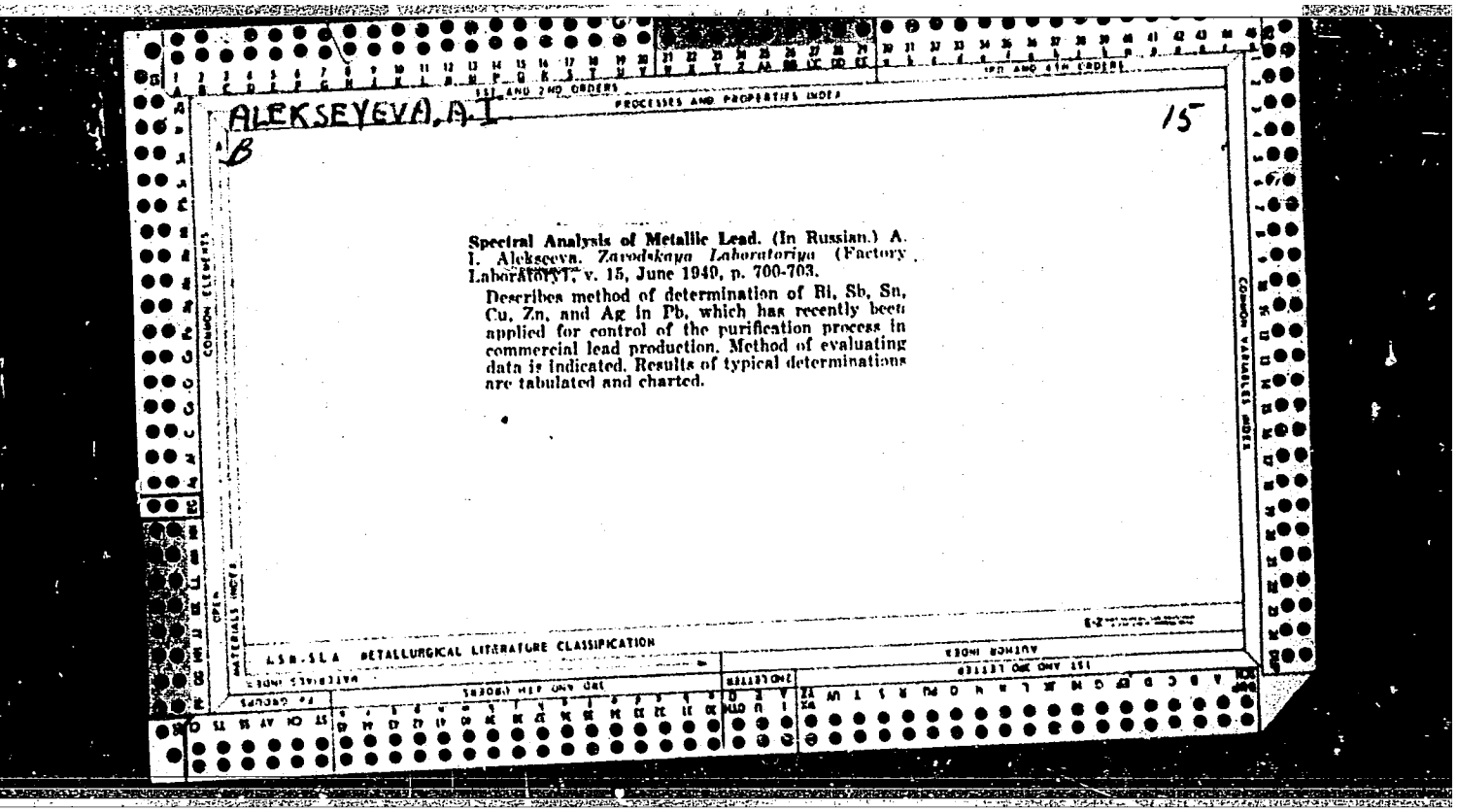
Silicon dioxide content of the blood and urine in miners of a Karaganda coal mine. Trudy Inst.kraev.pat. AN Kazakh.SSR 4:169-174 '56. (MLRA 10:3)

(SILICON DIOXIDE) (BLOOD--ANALYSIS AND CHEMISTRY)
(URINE--ANALYSIS AND PATHOLOGY)

BEGLOVA, Z.K.; ALEKSEYEVA, A.I.

Amount of silicon in the blood, tissues, and urine of patients with silicosis. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:21-24 '60. (MIRA 14:5)

(SILICON IN THE BODY) (LUNGS—DUST DISEASES)



ALEKSEYEVA, A.I.

B

15

Spectral Analysis of Metallic Lead. (In Russian.) A. I. Alekseeva. *Zavodskaya Laboratoriya* (Factory Laboratory), v. 15, June 1949, p. 700-703.

Describes method of determination of Bi, Sb, Sn, Cu, Zn, and Ag in Pb, which has recently been applied for control of the purification process in commercial lead production. Method of evaluating data is indicated. Results of typical determinations are tabulated and charted.

C A

7

ALEKSEYEVA, A.I.

Spectrographic determination of high concentrations of antimony in lead. A. I. Alekseeva and L. E. Naimark. *Zavodskaya Lab.* 15, 1437–8 (1949).—The following line-pairs are homologous in a spark discharge and can be used to det. 2–10% Sb in Pb: Sb 3267.5 A., Pb 3220.5 A.; Sb 3029.8 A., Pb 3118.6 A.; Sb 3040.6 A., Pb 3017 A.

Cyrus Feldman

ALEKSEYEVA A. I.

USSR/Metals - Spectrography Sep/Oct 50

"Atlas of Spectral Lines for the Quartz Spectrograph Within the Range 2,050-2,500 and 3,500-6,900 A," S. K. Kalinin, A. I. Alekseyeva, A. A. Yavnel, L. El Naymark, Inst of Astr and Phys, Acad Sci Kazakh SSR

"Iz Ak Nauk SSSR, Ser Fiz" Vol XIV, No 5, pp 701, 702

Subject atlas, necessary for processing of analyses, consists of 15 charts, giving Fe spectrum in 20-fold enlargement as reference.

[redacted]

ALEKSEYEVA, A. I.

USSR/Metals - Zinc, Analysis Dec 50

"Spectrographic Determination of Cadmium, Lead, and Copper in Metallic Zinc," A. I. Alekseyeva, L. E. Naymark, Inst of Astr and Phys, Acad Sci Kazakh SSR

"Zavod Lab" No 12, pp 1511-1513

Developed method for detn of Pb and Cd in metallic Zn at concns from 0.002 to 2% and Cu from 0.0003 to 0.0015%. Conducted anal of highly pure Zn by method of 3 stds, using activated ac arc; used condensed spark for anal of lower-grade Zn. Av relative error of detn was 5% for Cd and 6% for Pb and Cu.

182T98

ALEKSEYEVA, A. I.

chem 4
(2)

Chemical Abstracts
Vol. 48 No. 4
Mar. 10, 1954
Inorganic Chemistry

Spectrographic determination of high concentrations of tin in lead. A. I. Alekseeva and L. E. Nalmark. *Izvest. Akad. Nauk Kazakh. S.S.R.* No. 104, *Ser. Astron. i Fiz.* No. 5, 91–7(1951).—High concns. of Sn in Pb were satisfactorily detd. spectrographically by the spark technique by making use of the following homologous line pairs: Sn 3352.4 and Pb 3455.0, Sn 3283.5 and Pb 3390.3, Sn 2913.5 and Pb 2973.0, and Sn 2913.5 and Pb 3118.9 A. Relative error was 2–4.2%, with abs. error of 0.04–0.22% in concn. range of 2–10% Sn. G. M. Kosolapoff

1. ALEKSEYEVA, A. I., Engr., CHERNOGOLOV, I. G., Engr.

2. USSR (600)

4. Plate Metal Work

7. Installing welded sheet construction according to obligatory technological rules. Biul. stroi. tekh. 9 No. 21, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

ALEKSEYEVA, A.I.; GRINMAN, I.G.; KALININ, S.K.; KUSHNIKOV, Yu.A.; MARZUVANOV, V.L.; FRISH, S.E., prof., red.; SUVOROVA, R.I., red.; ROROKINA, Z.P., tekhn.red.

[Spectral lines of mercury] Atlas spektra rtuti. Alma-Ata, 1959. 6 p. (MIRA 12:10)

1. Akademiya nauk Kazakhskoy SSR. 2. Chlen-korrespondent AN SSSR (for Frish).

(Mercury--Spectrum)

ALEKSEYEVA, A.I., kand.fiziko-matematicheskikh nauk; BEGLOVA, Z.K., kand.med. nauk

Method of quantitative spectrographic determination of silicon in the biological substratum of the organizm. Gig. i san. 22 no.12:71-73 D '57 (MIRA 11:3)

1. Iz Alma-Atinskogo pedagogicheskogo i uchitel'skogo instituta imeni Abaya.

(SILICON, determ.
in blood, tissue & urine by spectography (Rus)

ALEKSEYEVA, A.I.; GRINMAN, I.G.; KALININ, S.K.; KUSHNIKOV, Yu.A.; MARZUVANOV, V.L.

First number of the atlas of spectra of the elements - mercury spectrum. Fiz.sbor. no.4:185-187 '58. (MIRA 12:5)

1. Fiziko-tekhnicheskiy institut AN Kazakhskoy SSR.
(Mercury--Spectra)

24(4) PHASE I BOOK EXPLOITATION SOV/3309

Akademiya nauk Kazakhskoy SSR. Fiziko-tekhnicheskiy institut

Atlas spektra rtuti (Atlas of Mercury Spectrum) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 1. v. [10 plates in pocket] 1,000 copies printed.

Compilers: A.I. Alekseyeva, I.G. Grinman, S.K. Kalinin, Yu.A. Kushnikov, and V.L. Marzuvanov; Eds.: S.E. Frish, Professor, Corresponding Member, USSR Academy of Sciences, and R.I. Suvorova; Tech. Ed.: Z.P. Rorokina.

PURPOSE: The publication is intended as a reference book for scientific research workers and engineers.

COVERAGE: The atlas contains photos of the mercury spectrum in the ultraviolet region, made on quartz spectrograph ISP-22 (magnified 8 times) and in the infrared region, made on spectograph ISP-51 with long-focus camera (magnified 6 times). The explanatory table indicates wavelength, wave numbers,

Card 1/2

PHASE I BOOK EXPLOITATION SOV/4045

Kalinin, S.K., A.A. Yavnel', A.I. Alekseyeva, V.L. Marzuvanov, and L.E. Naymark

Atlas spektral'nykh liniy dlya kvartsevogo spektrografa (Atlas of Spectral Lines for the Quartz Spectrograph). Moscow, Gosgeoltekhizdat, 1959. 43 p. 23 charts [in portfolio] Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk Kazakhskoy SSR. Fiziko-tekhnicheskiy institut.

Ed. of Publishing House: V.G. Filatov; Tech. Ed.: O.A. Gurova.

PURPOSE: This work is intended for use in spectral analysis laboratories, scientific institutions, industrial and geological laboratories, and other similar research establishments.

COVERAGE: This atlas of spectral lines, published under the auspices of the Commission on Spectroscopy of the Academy of Sciences, USSR, consists of a booklet and 23 photographic plates. The booklet contains quartz spectrograph spectral lines for 72 elements and tables on the excitation potentials of the lines and the ionization potentials of the elements which have great significance for the selection of analytic lines in quantitative spectral analysis.

Card 1/6

Atlas of Spectral Lines for the Quartz Spectrograph SOV/4045

The tables contain information on the overlapping of analytic lines by the lines of other elements. They can also be used in the spectral analysis of rocks, ores, minerals, soils, metals, and alloys. The atlas was composed by means of the ISP - 22 quartz spectrograph (the new model is the ISP - 28) and the PS - 18 spectroprojector. It is able to reproduce exactly the dimensions and forms of a spectrum obtained in most Soviet laboratories and can also be used with other average-dispersion devices whose parameters resemble closely the ISP - 22 spectrograph (Q - 24, E - 488, etc). The atlas makes it possible to break down the spectrum of various materials into the 72 elements in the whole range of the spectrum recorded by the spectrograph (2050 - 6800 $_{A}$). The authors thank S.L. Mandel'shtam, Professor A.K. Rusanov, and S.M. Rayskiy. There are 25 references: 14 Soviet, 6 English, 3 German, 1 French and 1 Italian.

TABLE OF CONTENTS:

ALEKSEYEVA, A. K.

Alekseyeva, A. K. and Vasil'chenko, M. V. "Albumen and vitamin feeding of breeding geese," Trudy Nauch.-issled. in-ta ptitsevodstva, Vol. XIX, 1948, p. 135-139

SO: U-2888, Letopis Zhurnal'nykh Statey, no. 1, 1949

SOLO'YEV, V.D.; ALEKSEYEVA, A.K.

Method for the demonstration of influenza viruses in tissue cultures. Zhur.mikrobiol.epid. i immun. 30 no.5:16-20 My '59. (MIRA 12:9)

1. Iz kafedry virusologii TSentral'nogo instituta usovershenstvovaniya vrachey i Moskovskogo nauchno-issledovatel'skogo instituta preparatov protiv poliomiyelita.
(INFLUENZA VIRUS, culture,
tissue culture, demonstration technic (Rus))

ALEKSEYEVA, A. K., Cand Med Sci (diss) -- "The use of the tissue-culture method to study problems of susceptibility and immunity to the grippe virus". Moscow, 1960. 11 pp (Min Health USSR, Central Inst for the Advanced Training of Physicians), 200 copies (KL, No 10, 1960, 135)

SOLOVYOV, V.D.; ALEKSEYEVA, A.K.

Studies on Antiviral Immunity Using Tissue Culture Methods
I. The Susceptibility and Resistance of Lung Tissue Explants to Influenza Virus in Previously Immunized Animals. Acta virol. 4 no.3: 129-136 My '60.

1. The Moscow Insititute for Poliomyelitis Prophylactics and Department of Virology, Central Institute for Post-graduate Training of Physicians, Moscow.
(INFLUENZA VIRUSES, immunology)
(TISSUE CULTURE)

ALEKSEYEVA, A. K.

Alekseyeva, A. K. and Vasil'chenko, M. V. "Albumen and vitamin feeding of breeding geese," Trudy Nauch.-issled. in-ta ptitsevodstva, Vol. XIX, 1948, p. 135-139

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(INFLUENZA VIRUSES, immunology)
(TISSUE CULTURE)

ALEKSEYEVA, A . K., SOLOV'YEV, V. D.

"The role of tissue factors in anti-influenza immunity."

Report submitted for the 1st Intl. Congress on Respiratory Tract Disease of Virus and Rickettsial Orgin. Prague, Czech. 23-27 May 1961.

IZAKOVA, L.P.; ALEKSEYEVA, A.K.

Effect of the influenza virus A-2 on the morphology of cell cultures of different origin. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:348-355 '61. (MIRA 17:1)

ALEKSEYEVA, A. M., Cand Agr Sci -- (diss) "Some problems of biology and agrotechnics in the raising of hard wheat in the Voronezh oblast." Voronezh, 1960. 20 pp; (Ministry of Agriculture RSFSR, Voronezh Agricultural Inst); 150 copies; price not given; (KL, 21-60, 127)