BARYBIN, Yu.O.; YALOVETSKIY, M.I.

Remote control circuit for outdoor lighting. Prom.energ. 16 no.6: 25-26 Je '61. (MIRA 15:1)
(Electric lighting) (Remote control)

BARYBIN, Yu.G., inzh.; YALOVETSKIY, M.I.

Block device for controlling production line systems. Prom.energ. 17 no.7:32-35 Jl '62. (MIRA 15:7)
(Automatic control) (Assembly-line methods)

LIPKIN, B.Yu.. Prinimali uchastiye: GOL'DGOF, B.G., inzh.; BARYBIN, Yu.G., inzh.; VORONKOV, Yu.F., inzh.; VENETSIANOV, Ye.A., inzh.; SOKOLOV, D.V., inzh., nauchnyy red.; KROMOSHCH, I.L., red.izd-va; GORDEYEV, P.A., red.izd-va; KUDAKOVA, N.I., tekhn.red.

[Electric equipment at industrial enterprises] Elektrooborudovanie promyshlennykh predpriiatii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 399 p. (MIRA 13:7)

(Electric driving)

15-57-1-1036

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, p 166 (USSR)

AUTHOR: Barybina, R. I.

TITLE: The Physical-Mechanical Characteristics of Sands and Clays in the Western Kazakhstan Region (Fiziko-mekhanicheskaya kharakteristika peskov i glin Zapadno-Kazakhstanskoy oblasti)

PERIODICAL: Tr. Voronezhsk. un-ta, 1955, Nr 5, pp 109-120

ABSTRACT: The author reports on experimental data on grain-size analysis and several physical properties of sands (specific gravity and bulk density, porosity, permeability to water) and of clays (specific gravity) taken from three districts in western Kazakhstan. The grain-size analysis of the sands was made by two methods: by screening, for sands of the first and third districts, and by the Sabanin-Robinson method for the

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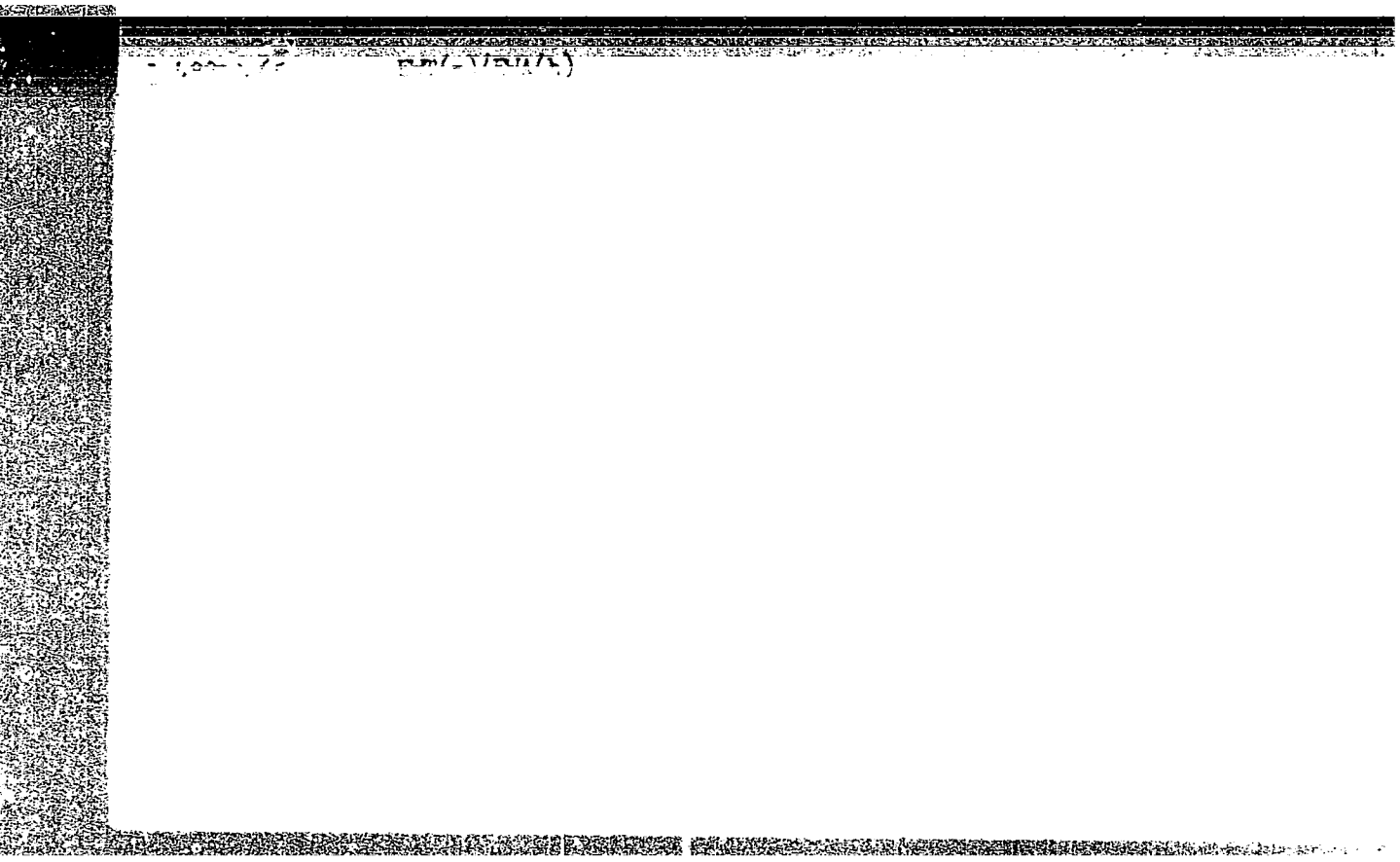
The Physical-Mechanical Characteristics of Sands (Cont.)

second district. The latter method was also used for grain-size studies of the clays. The data from these grain-size analyses were treated statistically, and the average size and coefficient of sorting were calculated. By using the coefficients thus obtained, a comparative evaluation of the homogeneity was made for the sands and clays of all three districts. The properties of the sands were determined by ordinary laboratory methods. The various properties proved to be different for the sands of the different districts.

Card 2/2 P. I. F.



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POL/46-4-6-3/19

AUTHOR: Trzebiatowski, Włodzimierz; Bogacz, Aleksander; Barycka, Irena.

TITLE: Investigation on Reduction of Uranium (IV) Tetra-Chloride, Dissolved in Molten Salts, by Means of Excess Molten Aluminum.

PERIODICAL: Nukleonika, 1959, Nr 6, Vol IV, p 591-598

ABSTRACT: Research was conducted to find a method of producing aluminum-uranium alloy, applied as fuel in nuclear reactors, from uranium compounds. Usually this alloy is produced either by melting pure metals in desired proportions or by electrolysis of uranium compounds using as kathode molten aluminum in which separated uranium dissolves. For these experiments following ingredients were used: 99.9% aluminum, calcium chloride, sodium chloride, uranium (IV) tetra-chloride, uranium (IV) tetra-fluoride and sodium fluoride. All chemicals were chemically pure and free of moisture

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POL/46-4-6-3/19

Investigation on Reduction of Uranium (IV) Tetra-Chloride, Dissolved in Molten Salts, by Means of Excess Molten Aluminum

traces. The experiments were carried out in the atmosphere of oxygen free nitrogen. Following salt mixtures were used during the experiments: a) $Ca\ Cl_2$ + Na Cl, melting temperature 630°C, b) NaCl, melting temperature 801°C, c) $CaCl_2$, melting temperature 772°C, d) Eutectic mixture of CaF_2 + NaF, melting temperature 810°C. Four series of experiments were carried out applying various conditions of temperatures and bath composition. The scientists list in their report a number of theoretically possible chemical reactions which might have taken place in the molten salt bath with uranium (IV) tetrachloride and also reactions which might have taken place if inadvertently, traces of oxygen would permeate into the aparatus. They also explain the separation process of free uranium, which dissolves in molten aluminium, forming the desired alloy. The experiments confirmed that reduction of uranium tetra

Card 2/3

TERPILOWSKI, J.; BARYCKA, I.

Thermodynamical properties of liquid cadmium-magnesium solutions. Bul chim PAN 9 no.4:175-178 '61.

1. Department of Structural Research, Wroclaw, Institute of Physical Chemistry, Polish Academy of Sciences and Department of Inorganic Chemistry, Technical University, Wroclaw. Presented by W. Trzebiatowski.

(Cadmium) (Magnesium) (Solutions)

BARWICZ, W.; BARYCKA, I.; MORAW, M.; SZRETER, M.

Better vacuum by using zeolites. Przem inst elektron prace 5 no.1: 77-79 '64.

1. Submitted February 7, 1964.

BARYCKI, Jozef; PLAZEK, Edwin

Preparation of 2-alkoxy-3,5-diaminopyridine. Rocz chemii 37 no.11: 1443-1446 '63.

1. Department I of Inorganic Chemistry, Technical University, Wroclaw.

BARYCZ, Henryk

Some glosses on the knowledge about Maciej of Miechow in the 16th and 17th centuries. Kwart hist nauki i tech 8 no.2: 237-243 '63.

BARYCZ, Henryk

Six centuries of activities of the Jagiellonian University, 1364-1964. Kwart hist nauki i tech 9 no. 2: 173-197 '64.

Description of Krakow University from the year 1833. Ibid.: 263-291.

BAR'YER, L.A.

Treatment of injuries of the upper posterior surface of the liver by an original method of omentodiaphragmopexy. Khirurgiia 40 no.3:106-107 Mr '64. (MIRA 17:9)

1. Khirurgicheskoye otdeleniye (zav. L.A. Bar'yer) Shcheglovskoy bol'nitsy (glavnyy vrach Ye.P. Knyoplya), konsul'tant - prof. B.S. Rozanov, TSentral'nyy institut usovershenstvovaniya vrachey, Moskva.

BAR'YER, L.A., GURKVICH, M.N.

Isolated subcuataneous rupture of the pancreas. Khirurgiia 34 no.7:124-125 Jl '58 (MIRA 11:9)

1. Iz khirurgicheskogo otdeleniya Shcheglovskoy bol'nitsy (glavnyy vrach Ye.P. Konoplya).
(PANCREAS, wounds and injuries
case reports (Rus))

BAR'YER, L.A. (Kalinin, ul. Novopromyshlennaya, d.40, kv.8)

Case of rarely encountered volvulus of the large intestine.
Nov.khir.arkh. no.4:76 '62. (MIRA 15:5)

1. Khirurgicheskoye otdeleniya (zav. -- L.A. Bar'yer) Shcheglovskoy bol'nitsy Donetkoy oblasti.
(INTESTINES--OBSTRUCTIONS)

BAR'YETAS, P.K.

Significance of different leaves of the cotton plant in the development of vegetative organs. Uzb. biol. zhur. no.3:50-56 '61. (MIRA 14:6)

1. Institut genetiki i fiziologii rasteniy AN UzSSR.
(COTTON) (LEAVES)

BAR'YETAS, P.K.

Accumulation of dry matter and the yield of raw cotton under artificial diminution of the leaf area of the cotton plant. Fiziol. rast. 10 no.6: 652-660 N-D '63. (MIRA 17:1)

1. Genetic and Plant Physiology Institute, Academy of Sciences, Uzbek Soviet Socialist Republic, Tashkent.

BARYGIN, D.A.; POLYAKOV, Ye.A.

How we are achieving higher output of woodpulp per cubic meter of digester. Bum. prom. 36 no.7:17-18 Jl '61. (MIRA 14:9)

1. Glavnyy inzh. pervogo Kaliningradskogo kombinata (for Barygin).
2. Smennyy master kislotnovarochnogo tsekha pervogo Kaliningradskogo kombinata (for Polyakov).
(Woodpulp) (Autoclaves)

BARYGIN, N. N., Cand. Tech. Sci.. (diss) "Boiling Layer as Cooling Medium for Thermal Processing of Metals," Moscow, 1961, 16 pp. (Cent. Sc. Res. Inst. Technology and Machinebuilding) (KL Supp 12-61, 264).

BARYGIN, V.M.

Aerial search for kimberlite pipes. Trudy IAFAN SSSR. Ser.geol. no.6:172-179 '61. (MIRA 14:9)
(Siberian Platform--Kimberlite)
(Aeronautics in geology)

BARYGIN, V.M.

Characteristics of the tectonic structure and kimberlite pipes in the Daldyn region. Trudy IAFAN SSSR. Ser.geol. no.6:15-17 '61. (MIRA 14:9)

(Daldyn Valley--Kimberlite)

Z/003/61/000/011/001/002
D005/D102

AUTHORS: Barykin, A., and Yakovlev, V.

TITLE: Device for automatic recording of free-fall time

PERIODICAL: Křídla vlasti, no. 11, 1961, 6

TEXT: The article describes a new Soviet device for automatic recording of free-fall time to be used for training purposes as well as parachute-jump competitions. Its most important part is a mechanism which automatically starts a stop-watch at the moment the parachutist leaves the aircraft and stops it at the instant the parachute opens. The device is shown in Fig. 1 and consists of a case with four eyelets for fastening it to the parachute pack cover; a hinged cover with a lock; a key for opening the hinged cover and winding the control-mechanism spring; a stop-watch holder with a fastening ring; and the mechanism proper. This mechanism is shown in Fig. 2 and consists of a revolving cam (1) with a ribbon winding spring; a starting pawl with a spring (2) for starting the stop-

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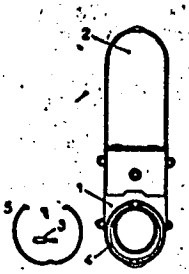
Device for automatic recording....

watch; a stopping pawl with a cable and a spring (3) for stopping the stop-watch; a stop limiting the cam motion (4); and a stop-watch control lever (5). To ready the device for use, the key is inserted into the cam shaft and turned clockwise till the stop. An elastic cotter pin (of the type used in the KAP-3 device) is inserted into the side opening of the case so that the pawl (2) arrests the cam lobe. The device is fastened on the lower side of the parachute pack cover either to the parachute harness or to D-rings sewn to the parachute pack cover, as shown in Fig. 3. The elastic cotter pin is tied to a line fastened in the aircraft cabin and pulled out at the moment the parachutist leaves the aircraft. Driven by the spring, the starting pawl (2) releases the setting lobe of the cam whose working lobe revolves and presses against the stop-watch control lever (5) thus starting the stop-watch. The stopping-pawl cable is tensioned by a parachute rubber cord hooked to the side flap of the parachute-pack cover. When the parachutist pulls the rip cord and the flaps open, the stopping pawl cable is released. Driven by the spring, the pawl releases the setting lobe of the cam which again

makes a slight turn and its second lobe presses against the stop-watch control lever thus stopping the stop-watch. The device is simple and reliable. There are three figures. [Abstracter's note: Essentially complete translation].

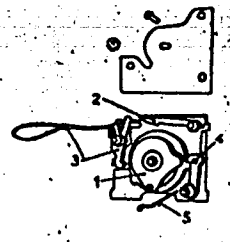


Obr. 1 – Části přístroje:
1 – pouzdro přístroje, 2 – odklápěcí víko s usávěrem, 3 – klíč pro otevírání víka a natahování pera ovládacího mechanismu, 4 – držák stopek, 5 – uzavírací kroužek (ovládací mechanismus je schematicky znázorněn na obr. 2).

Figure 1. Parts of the device
Legend:
1. Apparatus case
2. Hinged cover with lock
3. Key for opening the cover and winding the control mechanism spring
4. Stop-watch holder
5. Fastening ring

Device for automatic recording...

Z/003/61/000/011/001/002
D005/D102



Obr. 2 – Ovládací mechanismus:
1 – otáčivá vačka, 2 – spouštěcí západka, 3 – vypínací západka s lankem a pružinou, 4 – zarážka, 5 – páka.

Figure 2. Control mechanism
Legend:
1. Revolving cam
2. Starting pawl
3. Stopping pawl with cable and spring
4. Stop
5. Lever

Card 4/5

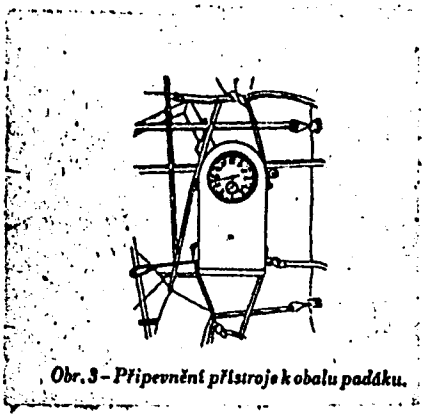


Figure 3. Device fastened to the parachute-pack cover.

BARYKIN, A.; YAKOVLEV, V.

Free fall time fixed automatically. Kryl.rod. 12 no.2:16 F '61. (MIRA 14:6)

(Parachuting)

BARYKIN, A.G.

BARYKIN, A.G.

Use of automatic procedures in the production of medicinals. Med. prom. 11 no.11:24-26 N '57. (MIRA 11:1)
(DRUG INDUSTRY)

DAVKIN, A. M.

"Typical patterns necessary in the layout of sheepskin collars"
Leg. prom., No. 1, 1952

BARYKIN, A. M., ENGR

Dissertation: "Laying Out of Pelts of Spring Varieties of Fur." Cand Tech Sci, Moscow Technological Inst of Light Industry imeni L. M. Kaganovich, 4 May 54. (Vechernyaya Moskva, Moscow, 23 Apr 54)

SO: SUM 243, 19 Oct 1954

BARYKIN, Aleksey Mikhaylovich; LAPIDUS, Lev Grigor'yevich; LOSEVA, Nina Leonidovna; TORMOZOVA, L.I., redaktor; NOVIKOV, Ye.M., inzhener, retsenzent; FETISKINA, Ye.I., inzhener, retsenzent; STEPANOVICH, I.P., kandidat tekhnicheskikh nauk, redaktor; EL'KINA, Ye.M., tekhnicheskiy redaktor

[Technology of processing fur] Tekhnologiia izdelii iz mekha. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1955. 285 p. (MLRA 9:4)
(Fur)

BARYKIN, [redacted], tekhn.nauk; ZYBIN, Yu.P., doktor tekhn.nauk

Regularity in the distribution of usable parts of suslik skins. Izv. vys. ucheb. zav.; tekh. leg. prom. no.3:14-24 '58. (MIRA 11:10)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti. (Fur)

ZUBIN, A.M., kand.biolog.nauk; KUZNETSOV, B.A., prof., doktor biolog. nauk; MOSKOV, A.N., kand.sel'skokhoz.nauk; PURIM, Ya.A., kand. tekhn.nauk; CHATSKIY, P.I., kand.tekhn.nauk; SERGEYEVA, T.A., kand.tekhn.nauk; BARYKIN, A.M., kand.tekhn.nauk; LOSEVA, N.L., kand.tekhn.nauk [deceased]; RUMYANTSEV, M.Z., starshiy nauchnyy sotrudnik [deceased]; LAPIDUS, L.G., starshiy nauchnyy sotrudnik; FRENKEL', Ye.B., kand.tekhn.nauk; KHMEL'NITSKAYA, Ye.G., mladshiy nauchnyy sotrudnik; KATAYEV, V.P., kand.ekonom.nauk; KLYAGINA, N.I., red.; MARTYNOV, S.F., red.; MINAYEVA, T.M., red.; PLEMYANNIKOV, M.N., red.; KNAKHIN, M.T., tekhn.red.

[Manual on fur and sheep pelt garment manufacture] Spravochnik po mekhovoi i ovchinno-shubnoi promyshlennosti. Vol.2.[Raw materials. Semifinished and final products. Production technology] Syr'e. Polufabrikaty i izdeliia. Tekhnologiia proizvodstva. 1959. 631 p. (MIRA 13:3)

1. Nauchno-issledovatel'skiy institut mekhovoy promyshlennosti (NIIMP) (for Rumyantsev, Lapidus).
(Hides and skins) (Fur--Handbooks, manuals, etc.)

KHALEVIN, N.I.; BARYKIN, D.D.

Installation for acoustic investigations in boreholes. Izv. AN SSSR. Ser. geofiz. no.1:69-78 Ja '61. (MIRA 14:1)

1. Akademiya nauk SSSR, Ural'skiy filial, Institut geofiziki.
(Seismic prospecting)

BARYKIN, F.D., laureat Stalinskoy premii.

Using ballast tampers in routine track repair. Trudy TSNII MPS no.49:19-30 '51. (MLRA 9:7)
(Railroads--Maintenance and repair)

BARYKIN, F.D., kand.tekhn.nauk

Improving track maintenance machinery. Put' i put.khoz. no.10:36-37 O '59. (MIRA 13:2)
(Railroads--Maintenance and repair)

BARYKIN, F.D., kand.tekhn.nauk; NEDASHKOVSKIY, P.P., inzh.

New working elements of snow plows. Vest.TSNII MPS 19 no.1: 55-57 '60. (MIRA 13:4)
(Railroads--Snow plows)

BARYKIN, F.D., kand.tekhn.nauk

Modernized snow removal machinery. Put' i put.khoz. 4 no.8: 38-39 Ag '60. (MIRA 13:7)
(Railroads--Snow protection and removal)

MEL'NIK, Daniil Mikhaylovich; BARYKIN, Fedor Diamidovich; NEDASHKOVSKIY, Porfiriy Pavlovich; SOLOV'YEVA, T.P., red.

[Snow removal machinery with brush rotors] Snegouborshchiki so shchetochnymi rotorami. Moskva, Transport, 1965. 46 p. (MIRA 18:5)

BARYKIN, F.D., kand. tekhn. nauk; IVANOV, Ya.F.

Small size rotary shovel. Put' i put. khoz. 8 no.11:45 '64
(MIRA 18:2)

BARYKIN, K.

Air does the building. Tekh.mol. 29 no.9:37 '61. (MIRA 14:10)
(Building, Plastic) (Farm buildings)

BARYBKIN, M.A., veterinarnyy vrach

Treating the atony of the rumen in babesiasis. Veterinariia 41 no.4:72-73 Ap '65. (MIRA 18:6)

1. Bobruyskoye proizvodstvennoye upravleniye Mogilevskoy oblasti.

BARYKIN, N.A.; YEFIMOV, I.G.; KON'KOV, Yu.A.

The BF-2 pneumatic function unit. Priborostroenie no.2:19-21 F '62. (MIRA 15:2)
(Pneumatic control)

L 40166-66 EWT(1) SCTB DD

ACC NR: AP6025681 SOURCE CODE: UR/0413/66/000/013/0147/0147

INVENTOR: Privalov, A. I.; Yefremov, Ye. T.; Petkus, G. V.; Korovochkin, Yu. N.; Lavrov, G. D.; Barykin, L. N.; Korolev, A. A.; Rakhleyeva, T. N.; Nikonorov, B. I.; Stepner, B. P.; Vasil'yeva, V. S.

ORG: none

TITLE: Annular parachute. Class 62, No. 183608

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 147

TOPIC TAGS: parachute, cargo parachute

ABSTRACT: An Author Certificate has been issued for an annular supply parachute consisting of a main canopy with shroud lines leading from the lower rim and brought

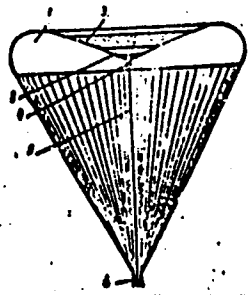


Fig. 1. Annular parachute

1 - Main canopy; 2 - auxiliary canopy; 3 - internal shroud lines; 4 - small eye ring; 5 - central strand; 6 - main eye ring.

Card 1/2 UDC: 629.13.01/06

L 40166-66

ACC NR: AP6025681

into an eye ring, and an auxiliary canopy placed inside the main canopy (see Fig. 1). To increase reliability and improve operational qualities, the auxiliary canopy in the form of a reversed cone is fastened to the main canopy's internal shroud lines, which are brought into a small eye ring connected to the main eye ring by a central strand. Orig. art. has: 1 figure. [WH]

SUB CODE: 01/ SUBM DATE: 03May65/ ATD PRESS: 5049

Card 2/2

BARYKIN, M. P.

BARYKIN, M. P.--"On the Fourier-Lebeg Coefficients of Functions of Two Variables." Min Higher Education USSR. Dnepropetrovsk State U imeni 300th Anniversary of the Unification of the Ukraine with Russia. Dnepropetrovsk, 1955. (Dissertation for the Degree of Candidate of Physicomathematical Sciences).

SO: Knizhnaya Letopis' No. 27, 2 July 1955

BARYKIN, M.P.

One property of a convex function. Trudy Nauch.ob'ed.prep. fiz.-mat. fak.ped.inst.Dal'.Vost. 1:19-21 '62.

Order of magnitude of the Fourier - Lebesgue coefficients of functions of two variables. 22-27 (MIRA 17:3)

1. Kafedra matematiki Blagoveshchenskogo pedagogicheskogo instituta.

OVOSHCHNIKOV, M.S.; BARYKIN, P.Ya.; GERIYEVA, V.D.

Modern technical means used in X-ray examination of the breast. Vest. rent. i rad. 39 no.3:45-50 My-Je '64. (MIRA 18:11)

1. Fiziko-tekhnicheskiy otdel (zav. - laureat Gosudarstvennoy premii M.S.Ovoshchnikov) Kiyevskogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta.

L 26943-66 EWT(d)/EWT(l)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/EWA(h) WW

ACC NR: AP6009911 SOURCE CODE: UR/0413/66/000/004/0108/0108

AUTHOR: Barykin, N. A.; Barykina, S. V.; Zvyagintsev, A. M.; Bzovskiy, V. L. 38 27 B

ORG: none

TITLE: An electropneumatic transducer. Class 42, No. 179100 [announced by Scientific Research Institute of Heat and Power Engineering Equipment (Nauchno-issledovatel'skiy institut teploenergeticheskogo priborostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 108

TOPIC TAGS: pneumatic device, electromechanic converter, pneumatic servomechanism

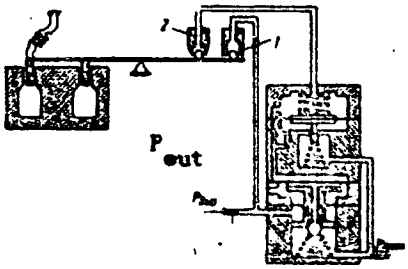
ABSTRACT: This Author's Certificate introduces an electropneumatic transducer which contains an electromagnetic mechanism, lever, ball type indicator and power nozzles and an amplification relay with pressure amplification factor. The accuracy of the transducer is increased by using a cylindrical power nozzle and making the diameter of the indicator nozzle and its ball smaller than that of the power nozzle and ball.

UDC: 681.142-525

Card 1/2

L 23943-66

ACC NR: AP6009911



1--power nozzle; 2--indicator nozzle

control device

SUB CODE: 13/ SUBM DATE: 27Dec63/ ORIG REF: 000/ OTH REF: 000

Card 2/2

BARYKIN, V.;

"Immunity as a Function of Colloids," Zhu. Biol. & Exptl. Med. USSR 6:5-25, 1927.

Head, Gabritchevskiy Inst. of Bact., I Univ. Moscow, 1926-27.

BARYKIN, V.; KOMPANEEZ, A.; ZACHAROV, A.; BARYKINA, O.;

"Experimental Typhus Studies in Guinea-Pigs," Zentrlbl. f. Bakt. I. Abt. Orig. 102:329-38, 1927

BARYKIN, V.; VYGODCHIKOV, G. V.; SAZHINA, E.;

"Epidemic of Intestional Anthrax in Iaroslovl (Polant)," Hyg & Epidemiol., USSR, (1) 23-30, 1929.

Sci. Res. Microbiol. Inst., 1929.

BARYKIN, V.; ZACHAROV, A.; KOMPANEETZ, A.; BARYKINA, O.;

"Typhus in Pediculus Vestimenti," Zentrlbl. f. Bakt. I Abt. Orig. 112:25-32, 1929.

BARYKIN, V.; BARYKINA, O.; ROZANOV, S.; and MINERVIN, S.;

"Specific vaccinotherapy of convalescing diphtheria carriers," Hyg. & Epidemiol. USSR (3/4) 86-9, 1929.

BARYKIN, V.; AFANASEVA, A.;

"Transmission of Typhus by Cimex," Zhu. Microbiol. & Immunobiol. 11:348-9, 1933.

Dir., State Sci. Res. Inst., Moscow, 1933;1934;

BARYKIN, V.; ZHAKHMALEVA, Z. (or S.)

"Concentration of diphtheria anatoxin according to Ramon," Zhu. Microbiol. & Immunobiol. 13:93-4, 1934.

BARYKIN, V.; SHAKHMALEVA, Z. (or S.)

"Immunological properties of Ramon diphtheria anatoxin. Zhu. Microbiol. & Immunobiol. 13:95-8, 1934.

Dir. State Sci. Res. Inst. Moscow, 1933;1934.

1. BARYKIN, V. I.

2. USSR (600)

4. Automobile Industry - Gor'kiy

7. Socialist competition for decreasing the labor time of each productive operation at the forge shop of the Gor'kiy automobile plant. Avt. trakt. prom. no. 10, 1952

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

BARYKIN, V. I.

TJ1160.A34 TREASURE ISLAND BOOK REVIEW AID 864 - S

BARYKIN, V. I. and ZAGORNYY, A. P.
ZA SNIZHENIYE TRUDOYEMKOSTI NA KAZHDOY PROIZVODSTVENNOY OPERATSII (On Reduction of Labor Required in Each Stage of Production). In Akademiya Nauk SSSR. Peredovoy opyt novatorov mashinostroyeniya (Progressive Experience of Leading Men in the Machine-Building Industry) 1954. Part II: Peredovaya tekhnologiya liteynogo proizvodstva, obrabotki davleniyem i svarki (Advanced Technique in Foundry Casting, Metal Pressing, and Welding). p. 170-175.

The authors, A. P. Zagornyy, Leading Blacksmith (Stalin Prize Winner) and Engineer V. I. Barykin of the Gor'kiy Automobile Plant im. Molotov describe a movement started there in 1951 for more efficiency in making certain automotive parts, and the results achieved. They describe these more efficient ways of making steering knuckle pivots for the GAZ-63 automobiles, brake pedals for the GAZ-51 and M-20 automobiles, crankshafts for the GZA-51 automobile engines, spring seats (supports)for the GAZ-51 chassis, and in machining driving gears for for the GAZ-51 rear-end. The improved techinque in forging rear axle housing for the GAZ-51 chassis by an upsetting machine, and the economies derived from the above changes in shop practice are also given. Over 250 suggestions for various improvement came from the employees of the plant during each 6 months of the past period. Four drawings.

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KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.; SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; MALOYEV, G.A., inzh.; CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh. GULYAYEV, A.I., inzh.; STIGNEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.; KHELIMSKIY, I.Ye., inzh.; AVROV, A.M., inzh.; DEMIDOVA, M.I., inzh.; NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I., inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHTUL', A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV, P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A., ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Prinimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.; SOKOLOV, S.D.; STOROZHKO, I.G.; FOMINYKH, A.I.; POLYAKOVA, N., red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the Gorkiy Automobile Plant] Organizatsiia i sovershenstvovanie proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zaveda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov, Polyakova, Smirnov).

(Gorkiy--Automobile industry)

SOV/137-58-12-24497

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 76 (USSR)

AUTHOR: Barykin, V. I.

TITLE: Eliminate Shortcomings Interfering With Plan Fulfillment (Ustranit' nedostatki, meshayushchiye vypolneniyu plana)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i in-tov avtomob. prom-sti. Nr 4. Moscow, 1958, pp 96-97

ABSTRACT: The following measures are set forth for technological re-equipment of the forging operations at the Gor'kiy Automobile Plant: The building of a substation, extension of electrical heating of small blanks, conversion from hammer to press forging and to gas heating of large shapes, organization of a specialized section for producing connecting rods on presses from periodically-shaped rolling-mill products made by cross rolling.

Ye. L.

Card 1/1

BARYKIN, V.I.

AUTHORS: Akimenko, A. D., Candidate of Technical Sciences, SOV/122-58-12-25/32., Docent, Barykin, V.I., Docent, Skvortsov, A. A., Candidate of Technical Sciences, Docent

TITLE: The Economics of Using Electrical Heating in Forging Shops (K voprosu ob ekonomicheskoy effektivnosti primeneniya elektronagreva v kuznechno-pressovykh tsekhakh)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 12, pp 64-66 (USSR)

ABSTRACT: The authors take up an article in the January 1958 issue of this journal by V.N. Glushkov who suggests that electrical induction heating of parts for forging is uneconomical. They point out that the relative cost of oil or gas fired furnaces versus electrical heating will vary widely in different regions. The cost of oil in roubles per metric ton is given for five different regions (Table 1). The cost of natural gas is quoted at 180 roubles per ton. The cost of electrical energy is given in Table 2. Here, four different groups are quoted, and the basic cost of electricity varies from .005 to .15 roubles per kwh. When installation costs and total expenditure are taken into account the cost per kwh for 4800 hour use at a use factor of 0.8 is found to vary from .06 to .263 roubles according to group. The cost

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The Economics of Using Electrical Heating in Forging Shops

of factory water, necessary for cooling induction heating loops, is also taken into account. Again, there is considerable difference between plants with their own water supply (.053 roubles/metre^3) and plants taking 'town' water (.46 roubles/metre^3). The specific consumption of electricity per ton of metal heated is quoted between 500 kwh and 600 kwh by different authorities. Remarks are made about the basis for assessing the real quantity of oil used per ton of metal heated. In Table 4, costs per ton of material heated are given for three different cases of heating by oil, and the same cases for heating by induction methods, and also the cost of heating by natural gas. This comparison suggests that, at any rate in the central part of the

SOV/122-58-12-25/32

The Economics of Using Electrical Heating in Forging Shops

USSR where electricity is cheap, that induction heating can be as cheap or cheaper than oil heating. The cost per ton for heating by natural gas comes out at about three-quarters of that for oil or for electrical heating.
There are 4 tables and 7 references, all Soviet.

Card 3/3

BARYKIN, V.N., inzhener (g. Kemerovo)

Urgent problems in organizing the transportation of Kuznetsk coal. Zhel.dor. transp. 37 no.7:40-43 Jl '56. (MLRA 9:8)
(Kuznetsk Basin--Coal--Transportation)

BARYKIN, V.N. (Kemerovo)

Organization of storage and the new conditions of freight transportation. Zhel.dor.transp. 45 no.2:81-83 F '63. (MIRA 16:2)

1. Glavnyy inzh. pogruzochno-transportnogo upravleniya Kombinata ugol'nykh predpriyatiy Kuznetskogo kamennougol'nogo basseyna.
(Coal—Transportation) (Railroads—Freight)

DUBOVOV, Yu.I.; BARYKIN, Ye.B.; CHESNOKOV, G.P.

Introducing new devices manufactured by the Kazan Recording Instrument Plant. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.10:30-31 O '65.
(MIRA 18:12)

BARYKINA, A. I.

"Neuropsychic Affections During Acute Cerebral Attacks in Children and Their Importance for Diagnosing the Nature and Pathogenesis of Disease." Cand Med Sci, Leningrad Pediatrics Medical Inst, Leningrad, 1954. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

BARYKINA, A.I.; MNUKHIN, S.S.

On Blitzkrämpfe and nodding spasms in children. Zhur.nevr.i psikh. 60 no.7:841-845 '60. (MIRA 14:1)

1) Kafedra psikhiatrii (zav. - prof. S.S.Mnukhin) Leningradskogo gosudarstvennogo padiatricheskogo meditsinskogo instituta.
(BRAIN—DISEASES) (EPILEPSY)

MNUKHIN, S.S.; BARYKINA, A.I.

Characteristics of epileptic and epileptiform manifestations in oligophrenic children. Vop.psikh.i nerv. 8:81-87 '62.
(MIRA 17:4)

BARYKINA, A.Ya.

Case of chronic inflammation of the submaxillary salivary gland developing from the penetration of the awn of a grain hull. Stomatologiia 37 no.2:67 Mr-Ap '58. (MIRA 11:5)

1. Iz kafedry khirurgicheskoy stomatologii (zav.-dotsent P.V. Naumov) Kalininskogo meditsinskogo instituta (dir.-prof. R.I. Gavrilov)
(SALIVARY GLANDS--DISEASES)

BARYKINA, N.A.

IVANOV, N.I., redaktor; BARYKINA, N.A., redaktor; VIGANT, Ya.Ya., tekhnicheskiy redaktor.

[Production of important goods in capitalist countries during 1937-1940,1950-1954; a statistical reference book.] Proizvodstvo vazhneishikh tovarov v kapitalisticheskikh stranakh za 1937,1940 1950-1954 gg; statisticheskii spravochnik. Moskva, Vneshtorgizdat, 1955. 287 p. (MLRA 9:1)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Industrial statistics)

BARYKINA, O.A.

ZYKOVA, N.M.; MOROZOV, L.V.; BARYKINA, O.A., otvetstvennyy red.; ALEKSEYEVA, K.P., otvetstvennyy red.; PROKOF'YEVA, N.B., red.izd-va; PAVLOVSKIY, A.I., tekhn.red.

[Scientific congresses, conferences and conventions in the U.S.S.R. 1946-1953; a bibliography] Nauchnye s"ezdy konferentsii i soveshchaniia v SSSR, 1946-1953; bibliograficheskii ukazatel'. Moskva, 1958. 222 p. (MIRA 11:4)

1. Akademiya nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk.
(Bibliography--Science--Congresses and conventions)

GURKO, Z.V.; STULOVA, O.V.; BARYKINA, O.A., otv.red.; LUCHKINA, A.N., red. izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Development of Soviet science during 40 years; a bibliography of anniversary literature published in 1957 and 1958] Razvitie sovetskoi nauki za 40 let; ukazatel' iubileinoi literatury 1957-1958 gg. Sost.Z.V.Gurko i O.V.Stulova. Moskva, 1960. 87 p. (MIRA 13:6)

1. Akademiya nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk.

(Bibliography--Science)

BARYKINA, R. P.

"The Formation of the Root Shoots of Certain Trees and Shrubs Used in Steppe Shelter Belts." Cand Biol Sci, Moscow Order of Lenin State U imeni M. V. Lomonosov, 29 Oct 54. (VM, 19 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

BARYKINA, R.P.

Formation of root suckers in the black locuts (Robinia pseudoacacia L) [with summary in English]. Biul.MOIP. Otd.biol. 63 no.4:57-71 Jl-Ag '58 (MIRA 11:11)

(LOCUST (TREE))
(ROOTS (BOTANY))
(SOIL BINDING)

BARYKINA, R.P.

Morphogenesis of subterranean reproductive organs in the chokecherry. Nauch.dokl.vys.shkoly: biol.nauki no.4:139-144 '60. (MIRA 13:11)

1. Rekomendovana kafedroy vysshikh rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(CHOKECHERRY)
(PLANTS--REPRODUCTION)

BARYKINA, R.P.; LOTOVA, L.I.

Vegetative reproduction of the Amur cork tree. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no.1:46-56 Ja-F '62. (MIRA 15:1)

1. Kafedra vysshikh rasteniy Moskovskogo universiteta.
(Amur cork tree)

BARYKINA, Rimma Pavlovna; KOSTRIKOVA, Lidiya Nikolayevna; KOCHEMAROVA, Irina Pavlovna; LOTOVA, Lyudmila Ivanovna; TRANKOVSKIY, Daniil Aleksandrovich; CHISTYAKOVA, Ol'ga Nikolayevna; SOKOLOVA, N.A., red.; SHVETSOV, S.V., tekhn. red.

[Laboratory manual on plant anatomy] Praktikum po anatomii rastenii. [By] R.P.Barykina i dr.[n.p.] Rostovizdat, 1963. 183 p. (MIRA 16:10)

(Botany--Anatomy)

BARYKINA, R.P.; KUDRYASHOV, L.V.; KLASOVA, A.N.

Structure and development of prostrate dwarf forms in Pinus mughus Scop. and Juniperus sibirica Burgsd. in the eastern Carpathians. Bot. zhur. 48 no.7:949-964 Jl '63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet.
(Carpathian Mountains--Juniper) (Carpathian Mountains--Pine)

BARYKINA, R.P.

Forming of the bush in raspberries and European dewberries in connection with their vegetative reproduction. Biul.MIOP.Otd. biol. 69 no.2:96-110 Mr-Ap '64. (MIRA 17:4)

L 2695-66 EWT(d)/EWT(1)/EWP(v)/EWP(k)/EWP(h)/EWP(1)/EWA(h) WW

ACC NR: AP6009911 SOURCE CODE: UR/0413/66/000/004/0108/0108

AUTHOR: Barykin, N. A.; Barykina, S. V.; Zvyagintsev, A. M.; Bzovskiy, V. L. 38 27 B

ORG: none

TITLE: An electropneumatic transducer. Class 42, No. 179100 [announced by Scientific Research Institute of Heat and Power Engineering Equipment (Nauchno-issledovatel'skiy institut teploenergeticheskogo priborostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 108

TOPIC TAGS: pneumatic device, electromechanic converter, pneumatic servomechanism

ABSTRACT: This Author's Certificate introduces an electropneumatic transducer which contains an electromagnetic mechanism, lever, ball type indicator and power nozzles and an amplification relay with pressure amplification factor. The accuracy of the transducer is increased by using a cylindrical power nozzle and making the diameter of the indicator nozzle and its ball smaller than that of the power nozzle and ball.

UDC: 681.142-525

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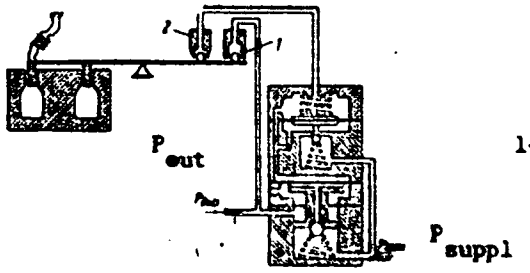
L 23943-66

ACC NR: AP6009911



1--power nozzle; 2--indicator nozzle

control device

SUB CODE: 13/ SUBM DATE: 27Dec63/ ORIG REF: 000/ OTH REF: 000

Card 2/2

BARYKINA, V.V.

Fruit bearing of the mountain ash. Priroda 49 no.9:125 S '60.
(MIRA 13:10)

1. Institut geografii AN SSSR, Moskva.
(Rowan)

BARYKINA, V.V. (Moskva)

Fruit and seeds beneath the snow, Priroda 50 no.1:126 Ja '61.
(MIRA 14:1)

(Birds--Food)

BARYKINA, V.V.

Fruiting in cranberries. Priroda 50 no.9:126 S '61.
(MIRA 14:8)

1. Institut geografii AN SSSR (Moskva)
(Cranberries)

BARYKINA, V.V.

The enlarged phenological conference in Leningrad. Izv. AN SSSR. Ser. geog. no.3:149-150 My-Je '63. (MIRA 16:8)
(Phenology--Congresses)

BARYKINA, V.V.

Forest vitamins; whortleberries. Priroda 54 no.7:124-125 Jl '65.
(MIRA 18:7)

1. Institut geografii AN SSSR, Moskva.

BARYKINA, V.V.; ISAKOV, Yu.A.

Conference on the geography of fruit bearing forest trees, shrubs, and groves of berry plants. Izv. AN SSSR. Ser. geog. no.3:147-149 My-Je '65. (MIRA 18:6)

BARYKINA, V.V.

Forest vitamins. Priroda 54 no.9:125-127 S '65.
(MIRA 18:9)

1. Institut geografii AN SSSR, Moskva.

EINGORN, A.L.; YEFIMOVA, A.A.; BARYKINA, Z.V.; BOCHKOVA, V.A.; MIKHEYEVA, G.A.

Active immunization of children in an early period of primary tuberculous infection with the polyvalent pertussis-diphtheria-tetanus vaccine. Zhur.mikrobiol., epid. i immun. 42 no.9:24-31 S '65. (MIRA 18:12)

1. Moskovskiy institut epidemiologii i mikrobiologii i Institut pediatrii AMN SSSR.

ARTEM'YEV, Yu.N., kand. tekhn. nauk; ASTVATSATUROV, G.G., inzh.; BARABANOV, V.Ye., inzh.; BARYKOV, G.A., inzh.; BISNOVATYY, S.I., inzh.; GALAYEVA, L.M., inzh.; GAL'PERIN, A.S., kand. tekhn. nauk; GAL'CHENKO, I.I., inzh.; GONCHAR, I.S., kand. tekhn. nauk; DEGTYAREV, I.L., kand. tekhn. nauk; DYADYUSHKO, V.P., inzh.; YERMAKOV, I.N., inzh.; ZHOTKEVICH, T.S., inzh.; ZUSMANOVICH, G.G., inzh.; KAZAKOV, V.K., inzh.; KOZLOV, A.M., inzh.; KOROLEV, N.A., inzh.; KRIVENKO, P.M., kand. tekhn. nauk; LAPITSKIY, M.A., inzh.; LEBEDEV, K.S., inzh.; LIBERMAN, A.R., inzh.; LIVSHITS, L.G., kand. tekhn. nauk; LOSEV, V.N., inzh.; LUKANOV, M.A., inzh.; LYUBCHENKO, A.M., inzh.; MAMEDOV, A.M., kand. tekhn. nauk; MATVEYEV, V.A., inzh.; ORANSKIY, N.N., inzh.; POLYACHENKO, A.V., kand. tekhn.nauk; POPOV, V.P., kand. tekhn. nauk; PUSTOVALOV, I.I., inzh.; PYTCHENKO, P.I., inzh.; PYATETSKIY, B.G., inzh.; RABOCHIY, L.G., kand. tekhn. nauk; ROL'BIN, Ye.M., inzh.; SELIVANOV, A.I., doktor tekhn. nauk; SEMENOV, V.M., inzh.; SKOROKHOD, I.I., inzh.; SLABODCHIKOV, V.I., inzh.; STORCHAK, I.M., inzh.; STRADYMOV, F.Ya., kand. tekhn. nauk; SUKHINA, N.V., inzh.; TIMOFEYEV, N.D., inzh.; FEDOSOV, I.M., kand. tekhn. nauk; FILATOV, A.G., inzh.; KHODOV, L.P., inzh.; KHROMETSKIY, P.A., inzh.; TSVETKOV, V.S., inzh.; TSEYTLIN, B.Ye., inzh.; SHARAGIN, A.M., inzh.; CHISTYAKOV, V.D., inzh.; BUD'KO, V.A., red.; PESTRYAKOV, A.I., red.; GUREVICH, M.M., tekhn. red.

(Continued on next card)

ARTEM'YEV, Yu.N.--- (continued) Card 2.

[Manual on the repair of machinery and tractors] Spravochnik po remontu mashinno-traktornogo parka. Pod red. A.I.Selivanova. Moskva, Sel'khozizdat. Vols.1-2. 1962. (MIRA 15:6)
(Agricultural machinery--Maintenance and repair)
(Tractors--Maintenance and repair)

BARYKOV, G. I.

BARYKOV, G. I. - "Destruction of Plate with Hyperbolic Slots. "Min of Higher Education, Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955 (Dissertations for the Degree of Candidate of Physicomathematicall Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

12(2) SOV/113-59-7-12/19

AUTHOR: Barykov, V.V.

TITLE: Automatic Current Density Control for Decorative Plating of Parts

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 7, pp 34-36 (USSR)

ABSTRACT: Electricians I.D.Lipatov, P.A. Kireyev and M.A. Vasin of the Moscow Plant for Automobiles with Small Engine Displacement suggested in 1956 a new circuit arrangement for operating the chrome-plating tanks. This system is based on maintaining a constant voltage at the chrome-plating tank terminals corresponding to the voltage drop between the anode and the parts to be chrome-plated. The automatic current density control device of L.N.Birkgan and Ya.K.Peyros is difficult to handle and inconvenient for operation. Tests conducted in 1958 showed the advantages of the control

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Automatic Current Density Control for Decorative Plating of Parts

device designed by Lipatov and other electricians. The author mentions in this connection the current density control device AK, designed by I.I.Kokarev, and the APT-200, which do not meet the current requirements. At the Moscow Plant of Automobiles with Low Engine Displacement, the chrome-plating tanks require 2500 amps. The current density of the chrome-plating tanks had been increased for raising their productivity when the plant started the manufacture of the new "Moskvich" model. The experience obtained during more than two years at the plant proved the correctness of the statement of V.I. Layner and N. T. Kudryavtsev, who said that it is impossible to control simultaneously all factors influencing the current distribution at electrodes. There are 4

SOV/113-59-7-12/19

Automatic Current Density Control for Decorative Plating of Parts

circuit diagrams, 3 graphs and 1 Soviet reference.

ASSOCIATION: Moskovskiy zavod malolitrazhnykh avtomobiley (Moscow Plant for Automobiles With Small Engine Displacement)

Card 3/3