

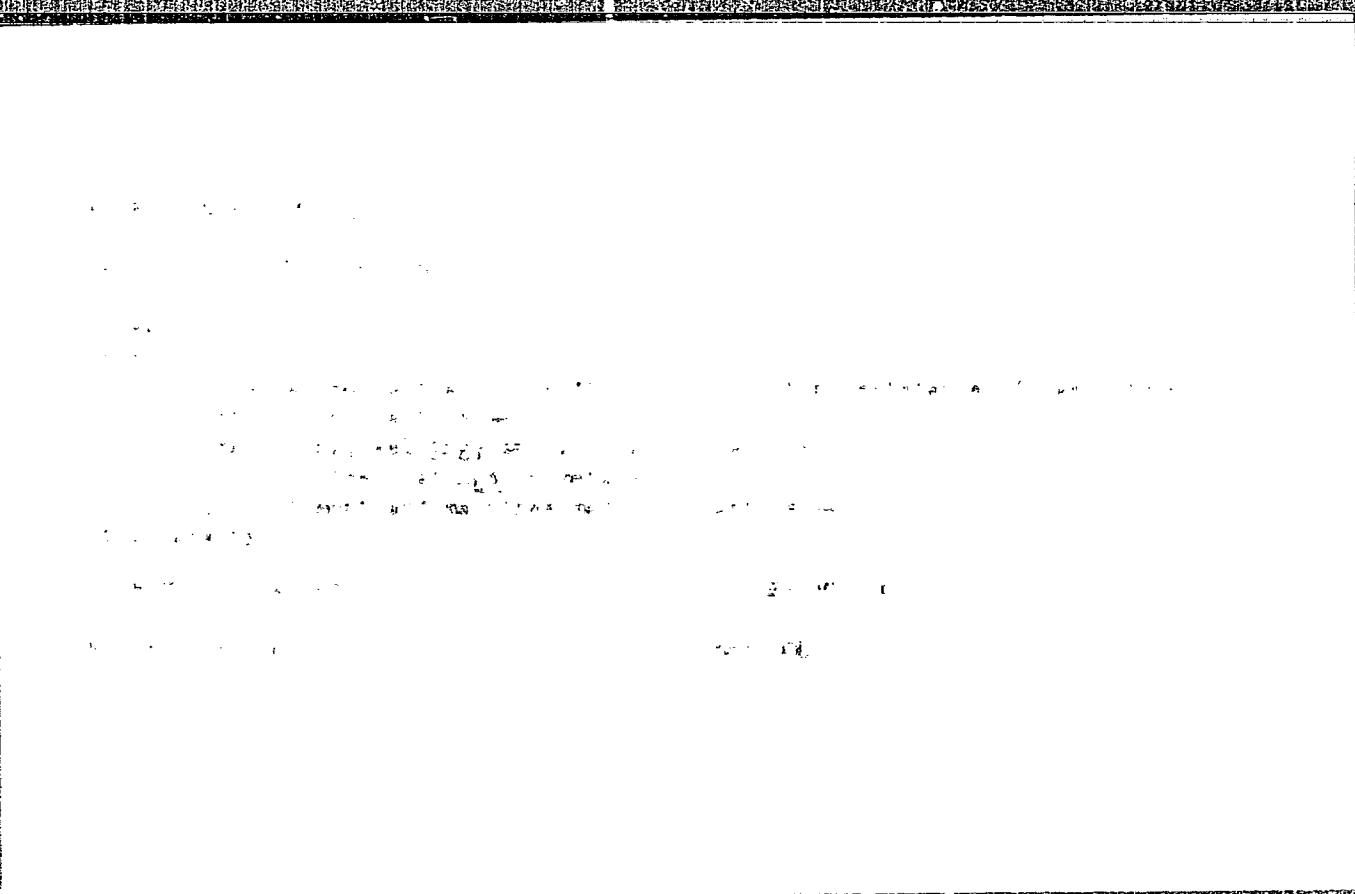
YEMEL'YANOV, M.N.

Improving the economic efficiency of the D-35 engine. Nauch.
trudy Inst.mash.i sel'khoz.mekh. AN URSR 6:77-89 '58.
(MIRA 13:4)

(Tractors--Engines)

[Faint, mostly illegible text from a document scan, possibly containing technical or administrative information.]

necessary to protect equipment from aggressive media.



ELIAN, L. (Gor'kiy); BELYAROV, A. (Gor'kiy); YEMEL'YANOV, N. (Gor'kiy)

Device for testing IPT-1 transistors. Radio no.3:39-41 Mr '61.
(MIRA 14:8)

(Transistors--Testing)

AGTAKOV, M.; YEMEL'YANOV, N.

Pay constant attention to the setting of production norms.
Mest.prom. 1 khud.promys. 2 no.9:22-23 S '61. (MIRA 14:11)
(Wage payment systems)
(Production standards)

YEMEL'YANOV, N.

The conditions have been created, make proper use of them. Zhil. kom. (MIRA 16:3)
khoz. 13 no.2:18 '63.

1. Instruktor Tsentral'nogo komiteta professional'nogo soyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva.
(Rapid transit)

DEMEZYUK, Eduard Sil'vestrovich; YEMEL'YANOV, Nikolay Alekseyevich;
KHOIDEYEV, P.I., inzh., retsenzent; YEFIMOV, S.K., prep.,
retsenzent; MINAYEV, B.I., prep., retsenzent; LUNIN, O.G.,
kand. tekhn. nauk, spets. red.; KRUGLOVA, G.I., red.;
SOKOLOVA, I.A., tekhn. red.

[Heat engineering equipment for enterprises of the bakery
and confectionery industry] Teplotekhnicheskoe oborudova-
nie predpriatii khlebopekarnoi i konditerskoi promyshlen-
nosti. Moskva, Pishchepromizdat, 1963. 341 p.

(MIRA 17:3)

1. Moskovskiy mekhaniko-tekhnologicheskii tekhnikum pi-
shchevoy promyshlennosti (for Yefimov, Minayev).

YEMEL'YANOV, N. A., Cand Biol Sci —(diss) ^{On} "the analysis of
the physiological mechanisms which take part in ~~the~~ functional
changes of the nervous system under ~~the~~ conditions of insulin
hypoglycemia." Leningrad, 1958. 15 pp, (Acad Sci USSR, Institute
of Physiology im I.P.Pavlov), 100 copies (KL, 38-58,105).

14

YEMEL'YANOV, N.A.

Effect of insulin hypoglycemia on contractions of the third eyelid in a cat following stimulation of preganglionic sympathetic nerve fibers [with summary in English]. *Biul. eksp. biol. i med.* 46 no.10:29-33 0 '58 (MIRA 11:11)

1. Iz laboratorii fiziologii zhelez vnutrennoy sekretsii (sav. chlen-korrespondent AMN SSSR prof. Ye.N. Speranskaya) Instituta fiziologii imeni I.P. Pavlova (dir. akademik K.M. Bykov) Akademii nauk SSSR, Leningrad. Predstavlena akademikom K.M. Bykovym.

(EYELIDS, physiology

nictitating membrane, eff of hyperinsulinism on contractions after sympathetic preganglionic stimulation in cat (Rus))

(SYMPATHETIC NERVOUS SYSTEM, physiology,

eff. of hyperinsulinism on contractions of nictitating membrane after sympathetic preganglionic stimulation in cat.

(HYPERINSULINISM, exper.

eff. on contractions of nictitating membrane after sympathetic preganglionic stimulation in cat (Rus))

YEMEL'YANOV, N.A. (Leningrad)

Effect of insulin hypoglycemia on the higher nervous activity in rodents [with summary in English]. Probl.endok. i gorm. 5 no.1: 17-23 Jan '59. (MIRA 12:3)

1. Iz laboratorii fiziologii zhelez vnutrenney sekretsii (zav. - prof. Ye.N. Speranskaya) Instituta fiziologii imeni I.P. Pavlova AN SSSR (dir. - akademik K.M. Bykov).

(REFLEX, CONDITIONED,

eff. of insulin hypoglycemia in rats (Rus))

(INSULIN, effects.

on conditioned reflexes in rats (Rus))

YEMEL'YANOV, N.A.

Effect of insulin hypoglycemia on spinal cord reflexes in the
cat. *Biul. eksp. biol. i med.* 49 no. 4:9-12 Sp '60.

(MIRA 13:10)

1. Iz laboratorii fiziologii zhelez vnutrenney sekretsii (zav. -
chlen-korrespondent AMN SSSR - Ye.N. Speranskaya) Instituta
fiziologii im. I.P. Pavlova (dir. - akademik K.M. Bykov
[deceased] AN SSSR, Leningrad.

(HYPOGLYCEMIA) (SPINAL CORD)

YEMEL'YANOV, N.A.

Determination of sodium and potassium content in biological fluids using FPF-58 flame photometer by means of direct measurement. Lab. delo no.10:589-593 '64.

(MIRA 17:12)

1. Laboratoriya endokrinologii (zaveduyushchiy - doktor biol. nauk M.I. Mityushov) Instituta fiziologii im. I.P. Pavlova (direktor - akademik V.N. Chernigovskiy) AN SSSR, Leningrad.

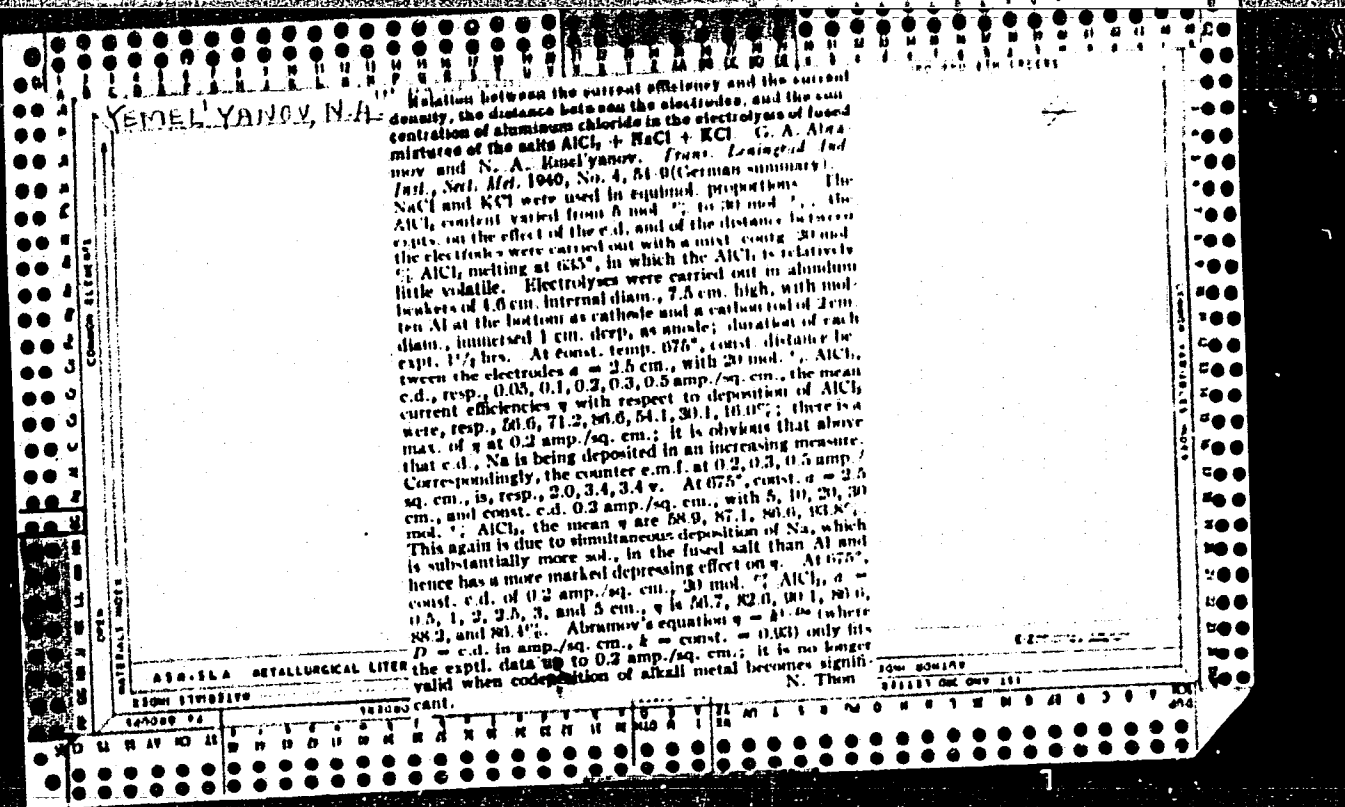
YEMEL'YANOV, N.A.; PANOV, A.N.

Effect of corticosteroid hormones on the functional state of the central nervous system; a review of the literature.
Probl. endok. i gorm. 11 no.6:108-114 N-D '65. (MIRA 18:12)

1. Laboratoriya endokrinologii (zav. - doktor biolog. nauk M.I. Mityushov) Instituta fiziologii imeni Pavlova (dir. - akademik V.N. Chernigovskiy) AN SSSR, Leningrad.

OSTASHEVSKAYA, N.S.; OLENTSEVICH, N.A.; BASHKATOVA, A.S.; LANDA, M.B.;
KUNSHCHIKOVA, A.A.; LISIN, D.M.; KUROV, V.V.; YEMEL'YANOV, N.A.;
FAKTOROVICH, B.A.; KUROKHTIN, A.N.

Industrial testing of Listvyanka anthracite for lining the
bottom of aluminum electrolytic cells. TSvet.met. 38
no.10:62-66 0 '65. (MIRA 18:12)



137-58-6-11899

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 102 (USSR)

AUTHORS: Gurkin, S.I., Yemel'yanov, N.A.

TITLE: Changes in the Aluminum Electrolysis Process at the Stalinsk Aluminum Refinery (Izmeneniya v protsesse elektroliza alyuminiya na Stalinskom alyuminiyevom zavode)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 8, pp 64-68

ABSTRACT: In the 14 years of its existence, this plant has undergone considerable modifications both in cell (C) design and in the Al electrolysis process procedure. In 1947, replacement of the oval C jackets by bottoms with rectangular jackets (and subsequently without bottoms) was begun. The depth of metal in the C was increased from 20 to 32-34 cm; the cryolite ratio (NaF:Al₃) was reduced from 2.5-2.6 to 2.3-2.4; fluctuation of the line current was reduced; the occurrence of flare-ups has been reduced to an average of 0.5-0.8 per bath per day, and the number of treatment cycles per bath per day has risen by as much as 2.5-3.0 times. These changes have made it possible to increase cd and raise the current in the cell by 26.1-34.6%, and to increase the Al yield per bath per day by 28-39%. The cost

Card 1/2

137-58-6-11899

Changes in the Aluminum (cont.)

per ton of Al has dropped from 8331 rubles in 1951 to 4624 rubles in 1956, while the consumption of D-C power during that period has dropped from 18,044 to 16,716 kwh/hr. During 1954-55, an experimental C with an anode width of 2.5 m was tested. At a cd of 0.81 amps/cm² it yielded a current efficiency of 86.3% and a power efficiency of 61.3 g/kwh. This type of cell was taken as the basis for the reconstruction of the first sections of the plant, where baths were installed with chambers measuring 4.6x3.5x0.5 m and anodes measuring 3.6x2.5 m. Although the design I was 72,000 amps, the C are operating on I of 76-77,000 amps with a current efficiency of 84.88% and a D-C consumption of 15,960 kwh/t.

I.G.

1. Aluminum--Electrolysis
2. Aluminum--Production
3. Electrolytic cells--Design
4. Electrolytic cells--Performance
5. Aluminum--Economic aspects

Card 2/2

GURKIN, S.I.; VOLODIN, A.A.; YEMEL'YANOV, N.A.

Decrease in the expenditure of electric power in the manufacture of
aluminum. Prom. energ. 17 no.3:8-9 Mr '62. (MIRA 15:2)
(Aluminum) (Electric power)

YEMEL'YANOV, N.F.

CHELIKANOV, K.N.; YEMEL'YANOV, N.F.; ANAN'YEV, N.A.

Studying the incidence of diseases causing temporary disability in machine-tractor workers of Ryazan Province. Zdrav. Ros. Feder. 2 (MIRA 11:2) no.1:11-15 Ja '58.

1. Iz kafedry obshchey gigiyeny (zav. - doktor meditsinskikh nauk prof. N.F.Yemel'yanov) i kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav. - dotsent N.A.Anan'yev) Yazanskogo meditsinskogo instituta.

(RYAZAN PROVINCE--MEDICAL RECORDS)

(MACHINE-TRACTOR STATIONS--HYGIENIC ASPECTS)

YEMEL'YANOV, N. F., TRET'YAKOV, A. P.

"Sanitary-hygienic characteristics of the machine-and-tractor
service stations and labor conditions of farm mechanics of
Ryazanskaya Oblast."

report submitted at the 13 th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

YEMEL'YANOV, N.F., prof. (Ryazan')

Hygiene in the work of school children. Zdorov'e 7 no. 2:23-24,
F '61. (MIRA 14:2)

(SCHOOL HYGIENE)

YEMEL'YANOV, N.F.; CHELIKANOV, K.N.

Reasons for disease incidence among stock raisers in Ryazan Province. Zdrav. Ros. Feder. 5 no.8:17-20 Ag '61. (MIRA 14:10)

1. Iz kafedry gigiyeny (zav. - prof. N.F.Yemel'yanov) Ryazanskogo meditsinskogo instituta.
(RYAZAN PROVINCE--AGRICULTURAL WORKERS--DISEASES AND HYGIENE)

YEMEL'YANOV, N.F., prof.; CHELIKANOV, K.N.

Toxicological characteristics of the accompanying generation
of gases in the production of artificial fibers. Nauch. trudy
Riaz.med.inst. 23:25-29 '63. (MIRA 18:12)

1. Kafedra gislyeny (zav. kafedroy - professor N.F.Yemel'yanov)
Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova.

YEMEL'YANOV, N.F., prof.; CHELIKANOV, K.N.; LEUS, A.M.; VALIYEVA, S.S.

Ryazan Combine of Artificial Fibers in the light of sanitary hygiene. Nauch.trudy Riaz.med.inst. 23:30-37 '63.

(MIRA 18:12)

1. Kafedra gigiyeny (zav. - kafedroy - prof. N.F.Yemel'yanov)
Ryazanskogo meditsinskogo instituta imeni akademika I.P.
Pavlova i Ryazanskaya oblastnaya sanitarno-epidemiologicheskaya
stantsiya (glavnyy vrach - A.M.Leus).

1. SMIRNOVA, I. V.; YABL'YANOV, N. G.
2. USSR (600)
4. Electric Apparatus and Appliances - Testing
7. Use of oil drift for testing insulation with high-voltage rectifying current.
Energ. biul. no. 7, 1952

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

KOLESNIK, M.P., provizor; YEMEL'YANOV, N.I., slesar' (Kronshtadt)

Mechanical washing of vessels used in drugstores. Apt. delo 9 no.6:
55-57 N-D '60. (MIRA 13:12)

1. Voenno-morskoy ordena Lenina gospital' No.35.
(WASHING MACHINES)

ACC NR: AP7001392

(A)

SOURCE CODE: UR/0413/66/000/021/0061/0061

INVENTORS: Smol'kova, V. S.; Yemel'yanov, N. M.; Yampol'skaya, E. G.; Smirnova, I. A.

ORG: none

TITLE: A method for obtaining an electrode paste for lead batteries. Class 21, No. 187857

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 61

TOPIC TAGS: lead, storage battery, urea, battery

ABSTRACT: This Author Certificate presents a method for obtaining an electrode paste for lead batteries. The paste is based on lead powder and is deposited on plates and dried. To increase the capacity of the battery, the lead powder is mixed with urea. To this dry mixture rubber cement is added. The amount of urea introduced may range from 3 to 20%.

SUB CODE: .10/ SUBM. DATE: 24May63

Card 1/1

UDC: 621.3.035.4

YEMEL'YANOV, N.P., kand.tekhn.nauk; MAL'KOV, K.M., inzh.

Investigation of hard facing in a water vapor atmosphere. Svar.
proizv. no.3:16-29 Mr '62. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.
(Hard facing) (Protective atmospheres)

EMELYANOV, N. P.

③ met

Multi-Electrode Automatic Welding and Surfacing under Flux.By N. P. EMELYANOV, A. B. ONUKHOV, and D. A. DULCHEVSKY. (From *Vestnik Mashinostroyeniya, Russia*, Vol. 9, 1953, pp. 73-78, 12 illustrations.)

The characteristics of automatic welding under flux do not lend themselves easily to the production of shallow seams or to surfacing. An increase in welding current is accompanied by an increase in penetration and in the percentage of parent metal in the weld.

Multi-electrode welding overcomes these difficulties, as well as the welding of seams of great depth in a single traverse and the welding of ordinary seams at high speed. The several electrodes are fed in parallel and

supplied from a single phase into the zone of the welding arc. The welding process is based on the phenomenon of the automatic arc transfer between the parent metal and the electrodes. A process of arc wandering takes place wherein the arc always concentrates on the shortest gap under the longest electrode, and thus ensures uniform melting of all. Arrangements in multiples of three, consisting of as many as nine or twelve electrodes, can be used.

The advantage of the multi-electrode method is the fact that, in addition to the welding factors available for selection with a single electrode, the disposition and spacing of the electrodes are added. Thus, in the welding-on of bands it is not possible to reduce the percentage of the parent metal below about 60 per cent, except by the use of several electrodes. Beyond about 35 per cent of parent metal, such welds cannot be preserved from cracking.

It has been proved in tests that welding heads with uniform rate of feed and those with automatically controlled feeds are equally satisfactory. This multi-electrode automatic welding process under flux also shows great promise in the welding of alloy steels and in facing with an alloy layer.

YEMEL'YANOV, N. P.

BERUA, F.F., kandidat tekhnicheskikh nauk; VOL'PERT, G.D., inzhener;
YEMEL'YANOV, N.P., kandidat tekhnicheskikh nauk; KLEKOVKIN, G.P.
Inzhener; KOZMAK, Ye.M., doktor tekhnicheskikh nauk, professor;
NILOVSKIY, I.A., laureat Stalinskoy premii; PANOV, B.N., inzhener;
POKHODNYA, I.K., inzhener; FRUMIN, I.I., kandidat tekhnicheskikh
nauk; FRUMIN, S.R., inzhener; ZVEGINTSEVA, K.V., inzhener, redak-
tor; GOLOVIN, S.Ya., inzhener, redaktor; MATVEYEVA, L.S., redaktor;
SOKOLOVA, T.F., tekhnicheskij redaktor.

[Automatic built-up welding with wear-resistant alloys] Avtoma-
ticheskaya neplayka iznosoustoichivymi splavami. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1955. 244 p.(MLRA 8:11)
(Electric welding)

YEMEL'YANOV, N.P.

SOV/137-58-8-17297

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 157 (USSR)

AUTHORS: Yemelyanov, N.P., Tkachenko, F.S.

TITLE: A High-efficiency Welding Apparatus for Hard Facing of Machine Components (Vysokoproizvoditel'naya svarochnaya apparatura dlya naplavki detaley)

PERIODICAL: Put' i putevoye kh-vo, 1958, Nr 1, pp 34-36

ABSTRACT: The TsNIIMPS (All-Union Scientific Research Institute for Rail Transportation) has developed a novel, multiple-electrode, automatic electric-arc and electric-slag method whereby hard facing of parts is performed in a layer of ceramic or fused flux which ensures the alloying of the deposited metal and limits the depth of fusion within the parent metal. Several models of multi-electrode automatic apparatus that have been constructed are characterized by their simplicity of design, modest weight, and versatility. The design of these automatic units is based upon the requirement of a constant supply of electrode wire, with a stepwise regulation of the feeding rate without the necessity for reversal of the motor which propels the welding head. The spacing between the 16 electrodes of the automatic unit MA-3,

Card 1/2

SOV/137-58-8-17297

A High-efficiency Welding Apparatus for Hard Facing (cont.)

designed for operation with electrode wires varying from 2 to 5 mm, may be varied during arc and electro-slag welding operations. The process is rendered stable by means of simultaneous introduction of several electrodes into the arc zone. An arc which may form between the surface of the molten metal and a tip of one of the electrodes will be extinguished because of the increased resistance. Rollers which have been hard-faced by this method exhibit a smooth surface almost devoid of scales. Examples of operations performed are presented. The authors comment on potentialities of the method described in the field of hard facing of metal parts in railroad superstructure, as well as in various types of bead welding operations in industry.

N.T.

1. Machines--Maintenance
2. Metals--Hardening
3. Arc welding
4. Welding machines--Performance

Card 2/2

YEMEL'YANOV, N.P.

AUTHORS:

Tkachenko, F.S., Engineer, and Yemel'yanov, N.P., Candidate of Technical Sciences

118-58-5-14/18

TITLE:

Automats for Welding on Large Surfaces (Avtomaty dlya naplavki bol'shikh ploschadey)

PERIODICAL:

Mekhanizatsiya Trudoyemkikh i Tyazhlykh Rabot, 1958, Nr 5, pp 39-41 (USSR)

ABSTRACT:

The production of wear-resistant surfaces by welding on specially alloyed metal is being widely applied in various branches of the national economy. Thus the durability of rolling mill rollers has increased 8-10 times. Bi-metallic cutters, produced by automatic welding, have increased the efficiency of chisels 6-7 times. The restoration of worn out parts of machine tools, parts of tractors, automobiles, rolling stock, etc. by this means, has gained great significance, and is the most operative and economical method of repair and also manufacture of articles. The Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (All-Union Scientific-Research Institute of Railroad Transport) has developed a new method of multi-electrode, automatic electric arc, and electroslag welding under a layer of ceramic on used flux.

Card 1/3

118-58-5-14/18

Automats for Welding on Large Surfaces

The principle of a multi-electrode automatic welding under flux is that several electrodes located at a certain distance from each other are shifted simultaneously to the zone of the arc. When the welding is carried out by the electric arc process, the arc automatically shifts from electrode to electrode and a uniform smelting takes place. The alternate smelting of the electrodes insures a deconcentrated uniform heat application and a low depth of fusing of the basic metal. At RR enterprises, the restoration of worn out wheel rims is being done by six-electrode automats, type MA-4, with 2-mm electrode rods located along the front at different distances between the centers, at a welding speed of 10 m/hour. TsNII MPS has designed several types of multi-electrode automatic apparatuses for welding parts with cylindrical and flat surfaces. The principle applied with the multi-electrode automats was the continuous supply of electrode rods. Figure 1 shows a 6-electrode automat, type MA-4, intended for welding the worn-out spots of locomotive wheel rims. It weighs 20 kg. For welding by the electric arc and electroslag methods, a 16-electrode automat MA-3 has been designed. Figure 3 shows

Card 2/3

Automats for Welding on Large Surfaces

118-58-5-14/18

a device for welding a metal layer on RR wheel rims or similar parts by two 6-electrode-rod automats. The welding is done by 3 mm rods with alternating current of 850 - 900 ampere and 38-42 volt arc tension. The welding speed is 15 m/hour. The automatic device stepped up the process of welding wheel rims by 15-18 times as compared with the existing method. There are 3 photos.

AVAILABLE: Library of Congress

Card 3/3

1. Welding-Applications
2. Hard-surfacing-Applications
3. Welding-Equipment

SOV-135-58-11-16/21

AUTHORS: Lonskiy, Ye.D., and Yemel'yanov, N.P., Candidates of Technical Sciences

TITLE: The Use of Slag Crust as a Flux for Building-Up by Welding with a Six-Electrode Automaton (Ispol'zovaniye shlakovoy korki v kachestve flyusa dlya naplavki shestielektronnym avtomatom)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 11, pp 38-39 (USSR)

ABSTRACT: Crushed slag crust, produced by fusing with "AN-348A" flux, can be used as a flux and ensures compact, non-porous weld metal. It does not affect the productivity of the process, is economical, can be used repeatedly, and has no negative effect on the quality of the built-up metal. The use of such slag flux is recommended.

ASSOCIATION: TsNII MPS

1. Slags—Applications 2. Slags—Preparation 3. Welding fluxes—Materials 4. Welding fluxes—Performance

Card 1/1

SOV/135-58-12-7/20

AUTHORS: ~~Yemel'yanov, N.P.~~, Candidate of Technical Sciences, and
Lonskiy, Ye.D., Candidate of Technical Sciences

TITLE: Automatic Multiple-Electrode Surfacing (with Flux) of Parts
Previously Welded with Chalk-Coated Electrodes (Avtomatiche-
skaya mnogoelektrodnaya naplavka pod flyusom detaley; raneye
naplavlennykh elektrodami s melovym pokrytiyem)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 12, pp 23-27 (USSR)

ABSTRACT: On the basis of tests a method is recommended for multiple-
electrode surfacing of parts by combining five steel and one
aluminum rod of equal diameter (3 mm); another method proposed
consists in multiple-electrode surfacing with a mechanical
mixture of a standard flux and granulated ferro-aluminum.
Several types of multiple-electrode welding machines were
designed by TsNII MPS to be used in locomotive part repair
and for other purposes.

Card 1/2

SOV/135-58-12-7/20

Automatic Multiple-Electrode Surfacing (with Flux) of Parts Previously
Welded with Chalk-Coated Electrodes

There are 3 sets of microphotos, 7 diagrams, 4 tables and
6 Soviet references.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (All-Union Scientific Research Institute of Railroad Transport)

Card 2/2

KRAYCHIK, M.M., kand.tekhn.nauk; YEMEL'YANOV, N.P., kand.tekhn.nauk;
MAKSIMOV, V.N., inzh.

Methods of reducing residual stresses in wheel rims after spot welding of the rolled iron. Vest.TSNII MPS 18 no.1:35-38 F '59.

(MIRA 12:3)

(Car wheels--Welding)

YEMEL'YANOV, N.P.

PHASE I BOOK EXPLOITATION

SOV/5075

International Institute of Welding

XII kongress Mezhdunarodnogo Instituta svarki, 29 iyunya - 5 iyulya 1959 v g.
Opatii (Twelfth Annual Assembly of the International Institute of Welding,
Opatija, June 29 - July 5, 1959) Moscow, Mashgiz, 1961. 359 p. 3000
copies printed.

Sponsoring Agency: Natsional'nyy komitet SSSR po svarko.

Ed. (Title page): G. A. Maslov, Docent; Translated from English, French,
and Serbo-Croatian by N. S. Aborenkova, K. N. Belyayev, E. P. Bogacheva,
L. A. Borisova, K. V. Zvegintseva, V. S. Minavichev, and M. M. Shelechnik;
Managing Ed. for Literature on the Hot-Working of Metals: S. Ya. Golovin,
Engineer.

PURPOSE: This collection of articles is intended for welding specialists and
the technical personnel of various production and repair shops.

Card 1/1

Twelfth Annual Assembly (Cont.)

SOV/5975

COVERAGE: The collection contains abridged reports presented and discussed at the Twelfth Annual Assembly of the International Institute of Welding. Reports deal with problems of welding and related processes used in repair work, repair techniques, and the problems arising in connection with the nature of the base and filler materials. Examples of repairing various parts are given, and the organization of repair operations in workshops and under field conditions is discussed. Economic aspects of welding and related processes as used in repair work are analyzed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS: [Only Soviet and Soviet-bloc reports are given here]

Foreword

5

**PART I. THE STUDY OF REPAIR-WORK TECHNIQUES
(PROCESSES, METHODS, PREPARATION, HEATING, AND
OTHER TYPES OF PROCESSING CONTROL)**

Myuntsner, L. (Czechoslovakia). Welding of Broken Crankshafts

36

Card 2/9

Twelfth Annual Assembly (Cont.)

SOV/5975

Yemel'yanov, N. P. (USSR). The Use of Multielectrode Automatic Submerged-Arc Welding in Repairing Railroad Rolling Stock

104

Prosenka, V., and P. Shtular (Yugoslavia). Manufacture of Cutting Tools by Hard Alloy Build-Up With Argon Shielded Arc Welding and the Process Viewed From the Standpoint of Economy

114

PART II. PROBLEMS IN REPAIR WORK ARISING IN CONNECTION WITH THE NATURE OF THE BASE AND FILLER MATERIALS AND THE REQUIRED OPERATIONAL PROPERTIES (WITH CONSIDERATION OF WELDABILITY, WARPAGE, AND INTERNAL STRESSES)

Rikhter, Zh. (Yugoslavia). Welding of the Al-Mg-Si Alloy and Problems of the Dynamic Strength of Welded Joints

128

Card 4/9

YEMEL'YANOV, N.P., kand.tekhn.nauk; KLEMENTOV, V.I., kand.tekhn.nauk;
MAL'KOV, K.M., inzh.; TKACHENKO, F.S., inzh.; POLYAKOV, S.P.;
VEL'MIN, A.A., red.; ORLOVA, I.A., red.; MEDVEDEVA, M.A.,
tekhn.red.

[Multielectrode automatic built-up welding under flux]
Mnogoelektrodnaya avtomaticheskaya naplavka pod fluxom.
Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va
putei soobshchenia. 1962. 134 p. (Moscow, Vsesoiuznyi
nauchno-issledovatel'skii institut zheleznodorozhnogo
transporta. Trudy, no.239). (MIRA 15:11)
(Railroads—Maintenance and repair)
(Electric welding)

YEMEL'YANOV, N.P.; VEL'MIN, A.A.; KOLOMIYCHENKO, V.V.; KOROLEV,
A.N., inzh., retsenzent; BRAYLOVSKIY, N.G., inzh., red.;
KHITROVA, N.A., tekhn. red.

[Build-up welding of automatic-coupler parts using a laying
lamellar electrode under flux] Naplavka detalei avtostseпки
pod fliusom lezhachim plastinchatym elektrodom. Moskva,
Tranzheldorizdat, 1963. 44 p. (MIRA 16:10)
(Car couplings--Maintenance and repair)

YEMEL'YANOV, N.P.; VASIL'YEVA, Z.N.; TABORISSKAYA, Ye.A.

Dehydration of 1-cyclohexen-3-ol and -tetralol to
1,3-cyclohexadiene and 1,2-dihydroxynaphthalene on alkaline
earth metal phosphates as catalysts. Dokl. AN BSSR 7 no.12:
821-824 D '63. (MIRA 17:8)

1. Institut fiziko-organicheskoy khimii AN BSSR. Predstavleno
akademikom AN BSSR B.V. Yerofeyevym.

4. RE. A. 10/14/68.

The purpose of this report is to describe the design and construction of a high-voltage network laboratory of the type used in the study of the effects of high-voltage electric fields on biological systems. The laboratory is designed to operate at a maximum voltage of 100 kV and a maximum current of 500 mA. It consists of a high-voltage transformer, a high-voltage capacitor, and a high-voltage resistor. The transformer is a 100 kV, 500 mA transformer. The capacitor is a 100 kV, 500 mA capacitor. The resistor is a 100 kV, 500 mA resistor. The laboratory is designed to operate at a maximum voltage of 100 kV and a maximum current of 500 mA. It consists of a high-voltage transformer, a high-voltage capacitor, and a high-voltage resistor. The transformer is a 100 kV, 500 mA transformer. The capacitor is a 100 kV, 500 mA capacitor. The resistor is a 100 kV, 500 mA resistor.

TO OBTAIN MORE INFO OF THE TIME AND TIME 5% OF THE TIME IT IS ABOVE 100 μ V/0.5m

Card 2/4

ACCESSION No. AT4045609

01

The system consists of two ASH-500/10 conductors. The a-c voltage is 110 V. The conductor diameter is 1.5 mm. The conductor surface is coated with a dielectric material. The system has 5 equations, 4 figures and 4 tables.

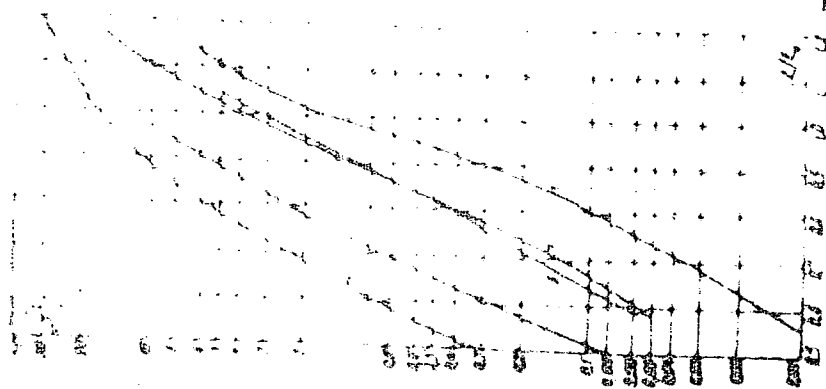
1. ASH-500/10

2. ASH-500/10

3. ASH-500/10

EXHIBIT 10

ENCLOSURE



The graph shows the relationship between the number of... and the... of the... in the split phase... and the... of the... field... appearance of a... of a...

EMYASHO, P.Y. [Momiashov, R.I.]; BEL'SKAYA, R.I.; NIKULENKO, Ye.F.
[Bel'skaya, A.P.]; YEKELIYANOV, A.P. [Emial'ianov, A.P.]

Identification of the products of cyclohexanol dehydrogenation
studied by gas-liquid chromatography. Vestsi AN BSSR. Ser.
khem.nau. no.2:16-19 '65. (MIRA 18:12)

YEMEL'YANOV, N.P. [Emel'yanov, N.P.]; TABORISSKAYA, Ye.A. [Tatarskaya, I.A.];
NIKULENKO, Ye.P. [Nikulanka, A.F.]

Comparative study of the catalytic activity and selectivity in
the dehydration of 3-cyclohexanol to 1,3-cyclohexadiene over
magnesium phosphate and hydrophosphate. Vestsi AN BSSR, Ser.
khim.nau. no.2:20-24 '65. (NR: 13:12)

SHEVCHIK, A.M.; YEMEL'YANOV, N.P.

Group composition of organosulfur compounds in gasoline-kerosine
fractions of Yel'sk petroleum. Dokl. AN BSSR 9 no.8:523-525 Ag '65.
(MIRA 18:10)

1. Institut fiziko-organicheskoy khimii AN BSSR.

YEMEL'YANOV, N.P.; AZANOVSKAYA, M.M.; KUDRYASHOVA, N.D.

Intermolecular hydrogen disproportionation in the system
cyclohexadiene - benzil. Dokl. AN BSSR 9 no.9:588-590 S '65.
(MIRA 18:11)

1. Institut fizike-organicheskoy khimii AN BSSR. Submitted January
12, 1965.

79-28-5-38/69

AUTHORS: Yerofeyev, B. V., Yenel'yanov, N. P., Naumova, S. F.

TITLE: On the Absorption Spectrum of Cyclohexadiene-1,3 Within the Range of From 220 - 300 μ (O spektre pogloshcheniya tsikloheksadiyena-1,3 v oblasti 220 - 300 μ)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol, 28, Nr 5, pp, 1284 - 1286 (USSR)

ABSTRACT: The absorption spectrum of cyclohexadiene-1,3 in the ultraviolet range has been investigated in a great number of papers (References 1-3), however, the results of different authors do not coincide. In table 1 the magnitudes found by different authors for the maximum positions and the absorption coefficients are mentioned. The given data (table 1) show that the results of different authors who investigated the absorption spectrum of cyclohexadiene-1,3 in the ultraviolet range do first of all not coincide with respect to the number of maxima on the absorption curve. It is possible that this deviation of the data of some scientists is based on the insufficient purity of the investigated product. In connection with this the authors

Card 1/2

79-28-5-38/69

On the Absorption Spectra of Cyclohexadiene-1,3 Within the Range of From
220 - 300 μ

took the absorption spectrum of cyclohexadiene-1,3 in the ultraviolet range. The product was synthesized in the Laboratory for Technical Analysis of the Institute for Chemistry of the AS USSR and therefore can be looked upon as a purer compound than that of the other scientists. Thus the absorption spectrum of cyclohexadiene-1,3 has, contrary to earlier data, only one maximum within the ultraviolet range (220 - 300 μ) which, as regards its vapors, comes to lie on 250.5 μ (L_{ϵ} 3.73) and, as regards its solutions in hexane and alcohol, on λ 258 μ (L_{ϵ} 4.00). There are 2 figures, 2 tables and 3 references, none of which are Soviet.

ASSOCIATION: Institut khimii Akademii nauk Belorusskoy SSR (Institute for Chemistry, AS Belorussian SSR)

SUBMITTED: April 29, 1957

Card 2/2

YEMEL'YANOV, N.P. [Emial'ianau, N.P.]; ZARETSKIY, M.V. [Zaretski, M.V.]

Dehydration of 1-cyclohexen-3-ol over γ -aluminum oxide or catalytic
vapor-phase method for obtaining 1,3-cyclohexadiene. Vestsi AN BSSR
Ser. fiz.-tekh. nav. no. 1:88-97 '61. (MIRA 14:4)
(Cyclohexadiene)

YEMEL'YANOV, N. P.

Cand Chem Sci - (diss) "New method of producing cyclohexadiene-1,3 and several of its changes." Minsk, 1961. 13 pp; (Inst of Physical and Organic Chemistry Academy of Sciences Belorussian SSR); number of copies not given; price not given; (KL, 10-61 sup, 207)

SERGEYEV, P.G. [deceased]; YEMEL'YANOV, N.P.

Initiated liquid-phase oxidation of dibenzyl. Zhur.ob.khim. 30
no.10:3383-3386 0 '61. (MIRA 14:4)
(Dibenzyl)

z tabien.

YEROFEYEV, B.V.; YEMEL'YANOV, N.P.; BEL'SKAYA, R.I.; LARYUTINA, E.A.

Two new methods of preparing 1-cyclohexen-3-one. Dokl. AN BSSR
8 no.11:720-722 N 164. (MIRA 18:3)

1. Institut fiziko-organicheskoy khimii AN BSSR.

AZANOVSKAYA, M.M.; YEMEL'YANOV, N.P.; KUDRYASHOVA, N.D.; ROMANOVSKAYA, L.P.

Condensation of 1,3-cyclohexadiene with some ethylene dienophiles.
Dokl. AN BSSR 9 no.2:97-100 F '65. (MIRA 18:5)

1. Institut fiziko-organicheskoy khimii AN BSSR.

YEMEL'YANOV, Y. P.

Burgsdorf, V. V., "Investigation of the Protection of Power Systems From Lightning"
A. I. Gershengorn, H.P. Yemeli'yanov, O. V. Livanova, A. I. Rogacheva, and Y. S.
Fedorov were reported to be associates of the laboratory (Electrichestvo, No. 2,
1949). Central Scientific Research Electrical Engineering Laboratory (TsNIEE),
Ministry of Power Stations.

SO: (W-27801, 14 Sept. 1953)

YEMEL'YANOV, N. P.

Name: YEMEL'YANOV, N. P.

Dissertation: Studying the corona on 400 kilovolt electric power lines

Degree: Cand Tech Sci

Defended at
Affiliation: Min Higher Education USSR, Moscow Order of Lenin Power
Engineering Inst imeni V. M. Molotov

Publications
Defense Date, Place: 1956, Moscow

Source: Knizhnaya Letopis', No 48, 1956

YEMEL'YANOV, N. P., HERTSIK, A. K., LEVITOV, V. I., PITYOV, V. I., VCSFRESENSKIY, N. A.,
and BCCPANCVA, N. B.

"Investigating A.C. Corona in the Soviet Union;" a paper presented at
the International Conference on Cigre, 16th Biennial Session and General Assembly
Paris, 30 May-9 June 1956

Translation E-5047 in Branch 5

YEMELYANOV, N. I., BOGDANOVA, N. B., GERTSYK, A. K., KOLPAKOVA, A. I., MARKOVICH, I. M.,
POPKOV, V. I., SOVALOV, S. A., and SLAVIN, G. A.

Results of some Researches, Carried out in the USSR on 600 kV long-distance
Power Transmissions.

paper submitted for presentation at the Intl. Conf. on Large Electric Systems (CIGRE)
17th Biennial Session, Paris, France, 4-14 June 1958.

Electra, No. 30, Nov 57, periodical news letter issued by the CIGRE, Paris France.

8(0)

AUTHORS: Yemel'yanov, N. P., Candidate of Technical Sciences, Tseplyayev, L. I., Engineer SOV/105-58-11-5/28

TITLE: Unbalanced Bridge Circuits for Measuring Corona Losses
(Neuravnoveshonnyye mostovyye skhemy dlya izmereniya poter' na koronu)

PERIODICAL: Elektrichestvo, 1958, Nr 11, pp 11 - 14 (USSR)

ABSTRACT: The main difficulty encountered in measurements of corona losses is due to the extremely low power factor of the line circuit. In the USSR four-arm bridges are more and more used for such purpose, employing a calibrated high-voltage condenser (C_4, R_4) as one arm and the line affected with the corona losses as the other (C_2, R_2). As the calibrated condenser operates with losses during the no-corona operation of the line, it is necessary to introduce supplementary resistances R_1 and R_3 into the low-voltage arms in case they are fitted with capacities, and a capacity C_1 into the low-voltage arms with ohmic resistances. When corona occurs, the

Card 1/4

Unbalanced Bridge Circuits for Measuring Corona Losses SOV/105-58-11-3/29

bridge compensation is disturbed and hence a current flows through the diagonal (Ref 1): formula (1). This formula is simplified, yielding (2). It appears that the current in the diagonal of the bridge would be proportional, if both the active and the reactive component of the unbalance current, which is due to the circuit elements in the bridge, would be zero. It is demonstrated that the reactive component of the unbalance current never fails to occur and that hence the diagonal current is in the general case not proportional to the corona current. By a corresponding choice of the quantities A and B (see formula 2), which are dependent upon the parameters of the low-voltage arms of the bridge, it can be achieved that either the real or the imaginary component of the current in the bridge diagonal varies as the corona current. In the first case, with $A \gg B$, the real component will vary as the corona current, whereas in the second case, with $A \ll B$, this will be true of the reactive component. If $I_{act\ unbal} = 0$ formula (2) transforms into (5).

Card 2/4

Unbalanced Bridge Circuits for Measuring Corona Losses SOV/105-53-11-3/28

From (5) and the same formula for $I_{\text{react unbal}} = 0$ the error of power measurement is derived to follow equation (6) and (7). In the first case the current coil of the wattmeter is connected in the diagonal of the bridge and the voltage circuit is either connected with an additional active resistance to the full transformer voltage, or it is connected to the voltage at the tap between points 1 and 2 of the line transformer. In the second case the voltage circuit is connected in the bridge diagonal, a current proportional to the line voltage driving the current coil of the wattmeter, which, however, is shifted through an angle of $\frac{\pi}{2}$. The calculation of the errors by pertinent formulae occurring when an electrodynamic wattmeter or an electrostatic wattmeter is connected is presented. There are 2 figures and 2 Soviet references.

Card 3/4

Unbalanced Bridge Circuits for Measuring Corona Losses SOV/105-58-11-3/28

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut elektro-energetiki MES SSSR (All-Union Scientific Research Institute of Electric Power of the Ministry of Power Stations, USSR)

SUBMITTED: June 24, 1958

Card 4/4

YEMEL'YANOV, N.P., kand.tekhn.nauk.

Studying coronas on a.c. lines of 400 kv. and higher. Elek. sta.
29 no.7:60-67 JI '58. (MIRA 11:10)
(Corona (Electricity)) (Electric power distribution--High tension)

YEMEL'YANOV, N. P., TIKHODEYEV, N. N., *et al.*

"Corona Studies On Extra-High Voltage Transmission Lines."
report to be submitted for Intl. Conference on Large Electric Systems (CIGRE),
18th Biennial Session, Paris, France, 15-25 Jun 60.

BURGS DORF, V.V., doktor tekhn.nauk; YEGOROVA, L.V., inzh.;
YEMEL'YANOV, N.P., kand.tekhn.nauk; TIKHODEYEV, N.N., kand.
tekhn.nauk

Corona on electric power transmission lines carrying extremely
high voltages. Elek. sta. 31 no.8:65-72 Ag '60. (MIRA 14:9)
(Electric lines--Overhead)
(Corona (Electricity))

PAVLYUCHENKO, K.V.; SHEVCHIK, A.M.; YEMEL'YANOV, N.P.

Adsorption of mercaptans and sulfur compounds from Mukhanov
crudes on the 5A and 13X zeolites. Dokl. AN BSSR 8 no. 8:526-
529 Ag '64. (MIRA 17:11)

1. Institut fiziko-organicheskoy khimii AN BSSR. Predstavleno
akademikom AN BSSR B.V. Yerofeyevym.

AKOPYAN, A. A.; ALEKSANDROV, G. N.; YEMEL'YANOV, N. P.; LEVITOV, V. I.; MIROLYUBOV, A. V.
NAYASHKOV, I. S.; PANOV, A. V.; POPKOV, V. I.; ROKOTYAN, S. S.; SOKOLOV, N. N.;
TIKHODEYEV, N. N.

"The 750 kV Experimental Commercial Transmission Line Konakovo-Moscow."

report submitted for Intl Conf on Large Electric Systems, 20th Biennial Session,
Paris, 1-10 Jun 64.

YEMEL'YANOV, N.P., kand. tekhn. nauk; ZHURAVLEV, E.N., inzh.

Study of the corona of 330 kv. overhead power transmission lines.
Trudy VNIIE no.21:4-31 '64. (MIRA 19:2)

AZANOVSKAYA, M.M. [deceased]; YEMEL'YANOV, N.P.; SEMYACHKO, R. Ya.;
KUDRYASHOVA, N.D.

Disproportionation of hydrogen in 1,3-cyclohexadiene under thermal
dimerization. Dokl. AN BSSR 9 no. 11:729-732 N '65
(MIRA 19:1)

1. Institut fiziko-organicheskoy khimii AN BSSR.

YEMEL'YANOV, N. S.

"The Role of the Scientist in the Community"

report presented at the 10th Pugwash Conf, London, 2-7 Sep 61.

YEMEL'YANOV, N.Ya.

Protective afforestation along the banks of small reservoirs.
Trudy Lab. ozeroved. 7:107-111 '58. (MIRA 11:10)

1.Ob'yedineniye "Agrolespoproyekt."
(Reservoirs) (Afforestation)

YEMEL'YANOV, O.

Inquisitive thinking and hands of gold. Sov.profsoiuzy 7 no.3:32-35
F '59. (MIRA 12:3)

(Machinery industry)

YEMEL'YANOV, O.

21821 YEMEL'YANOV, O. Khlebozavod-automat. I. 11. I. Fridman. Znaniye -
sila, 1949, No. 6, s. 36-37.

SU: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

YEMEL'YANOV, O.I. [IEmel'ianova, O.I.], inzh.

Organisation of petroleum supply on collective farms. Mekh.
sil'. hosp 12 no.11:7-9 N '61. (MIRA 14:11)
(~~shy~~)(Petroleum—Storage)

YEMEL'YANOV, Oleg Yevstaf'yevich; KARPUKHIN, Lazar' L'vovich;
YANCHUK, A., red.; SHLYK, M., tekhn.red.

[Moscow subway] Moskovskii metropoliten. Izd.2., perer.
Mosk.rabochii, 1960. 62 p. (MIRA 13:7)
(Moscow--Subway)

~~YEMEL'YANOV, P.D.~~
YEMEL'YANOV, P.D., inzh.

Constructing a very long railroad tunnel. Transp.stroi. 7
no.7:12-14 J1 '57. (MIRA 10:11)
(Abakansk--Tunneling) (Railroads--Construction)

YEMEL'YANOV, P.F.

Distribution of lesser suslik in Stavropol Territory. Zool.
zhur. 44 no.9:1425-1427 '65. (MIRA 18:10)

1. Stavropol'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo
protivochnmznogo instituta "Mikrob".

YEMEL'YANOV, P. I.

AID P - 5388

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 18/28

Author : Yemel'yanov, P. I.

Title : Attachment to horizontal milling machine

Periodical : Stan. i instr., 9, 33, S 1956

Abstract : A short description of a device which may be attached to the horizontal milling machine to do the work of a vertical milling machine. One photo.

Institution : None

Submitted : No date

YEMEL'YANOV, P. I. and KIRENNIKOV, A. V.

"Improving the Methods of Bacteriological Examinations for Dysentery".

Voyenno Meditsinskiy Zhurnal, No. 4, 1962

YEMEL'YANOV, P.I., starshiy leytenant meditsinskoy sluzhby.

Checking the vitamin C saturation of the urine. Voen.med. zhur.
no.3:57-58 Nr '56. (MLRA 9:9)

(TRANSBAIKALIA—ASCORBIC ACID)
(URINE—ANALYSIS AND PATHOLOGY)

YEMEL'YANOV, P.I.

Material on atypical strains of dysentery bacteria. Zhur.
mikrobiol. epid. i immun. 31 no. 5:115 My '60. (MIRA 13:10)

1. Iz Khabarovskogo meditsinskogo instituta.
(SHIGELLA)

YEMEL'YANOV, P.I.

Obtaining cultures from a single bacterial cell. Lab. delo 7 no.3:
29-31 Mr '61. (MIRA 14:3)

1. Kafedra mikrobiologii (zav. - prof. Ye.G.Livkina) Khabarovskogo
meditsinskogo instituta.
(BACTERIOLOGY—CULTURES AND CULTURE MEDIA)

YEMEL'YANOV, P.I.; MOLDAVSKAYA, M.G.; SERGEYCHEVA, T.A.; SIKORSKAYA,
Ye.G.; SHVETS, N.Ye.

. Frequency of the detection of *Bacillus alcalescens*, *dispar*
and *paracoli anaerogenes* during examination for dysentery.
Zhur. mikrobiol., epid. i immun. 42 no.6:52-56 '65.

(MIRA 18:9)

1. Khabarovskaya krayevaya i gorodskaya sanitarno-bakteriologi-
cheskaya laboratoriya.

SOV-19-58-4-33/523

AUTHORS: Sudnishnikov, B.V.; Yesin, N.N.; Yemel'yanov, P.M.

TITLE: A High-Frequency Percussion Mechanism (Vysokochastotnyy pnevmaticheskii udarnyy mekhanizm)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 4, p 12 - 13 (USSR)

ABSTRACT: Class 5b, 9⁰¹. Nr 112374 (581898, 10 Aug 1957). Submitted to the Committee for Inventions and Discoveries at the USSR Council of Ministers. In this high-frequency percussion mechanism, the increase of the percussion frequency is achieved by a sudden breaking of the movement of the striker when changing over from the working stroke to the return stroke. For this purpose, an auxiliary striker is used to apply an impact to the basic striker at the end of the return stroke. Thus the direction of its movement is immediately changed.

Card 1/1

Yemel'yanov P.M.

AUTHORS: None given

127-58-4-9/31

TITLE: Author's Certificate (Avtorskoye svidetel'stvo)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 4, pp 35,46,48-49,58 (USSR)

ABSTRACT: B.V. Sudnishnikov, P.M. Yemel'yanov, A.A. Zinov'yev and L.I. Semenov, "Pneumatic Hammer With a Multi-Chamber Shank"; Yu.A. Zablotskiy, V.P. Pankratov, M.Z. Iokhel'son, "Apparatus for Shaft Concreting"; P.M. Volchkov, V.D. Rykov and N.S. Olen-darev, "Reinforced Concrete Blocks for the Shoring of Vertical Shafts"; S.I. Vesnik, "Assembled Reinforced Concrete Supports Mostly for Trapezoidal Drifting"; L.M. Podymov, K.S. Isayev and A.V. Kudryashov, "Track Laying Machine for Laying of Rail-way Sections", L.P. Starchik, "Device for Catching the Dust Caused by Blast Hole Boring".

Card 1/1

1. Bibliography - Mining industry - Equipment
2. Reinforced concrete - Applications

DUBYNIN, N.G.; YEMEL'YANOV, P.M.

Improvement of open-cut mining operations. Trudy Inst.gor.dela.
Sib.otd.AN SSSR no.1:169-176 '58. (MIRA 12:11)
(Strip mining)

KUZNETSOV, S.N.; YAGEL'YANOV, P.M.

The BM-150 and BM-150K automotive boring machines. *Bul.tekh.-
ekon.inform. no.5:3-4 '59.* (MIRA 12:8)
(Boring machinery)

YEMEL'YANOV, P.M., YESIN, N.N., kand. tekhn. nauk

[NKR-100 all-purpose semiautomatic boring machine] Uni-
versal'nyi burovoi poluavtomat NKR-100. Novosibirsk,
Izd-vo SO AN SSSR, 1961. 124 p. (MIRA 18:3)

YEMEL'YANOV, Petr Mikhaylovich; YESIN, N.N., kand. tekhn. nauk,
red.; MELIKHOV, I.D., red.izd-va; LAVRENT'YEVA, L.G.,
tekhn. red.

[Machines for drilling blastholes with pneumatic hammers in
underground workings and ways of increasing their produc-
tiveness] Mashiny dlia bureniia vzryvnykh skvazhin pnevmati-
cheskimi molotkami na podzemnykh gornyykh rabotakh i puti po-
vysheniia ikh proizvoditel'nosti. Pod red. N.N.Esina. Mo-
skva, Gosgortekhnizdat, 1963. 34 p. (MIRA 16:10)
(Boring machinery--Pneumatic driving)

YEMEL'YANOV, P.M.

Ways of improving the performance of compressed-air percussion
drills. Gor. zhur. no.5:42-46 My '63. (MIRA 16:5)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Boring machinery) (Pneumatic tools)

YEMEL'YANOV, P.M., inzh.; CHERNILOV, E.G., inzh.

Modernization of the NKR-100 semiautomatic boring machine. Gor.zhur.
no.10:56-57 0 '64. (MIRA 18:1)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for
Yemel'yanov).

YEMEL'YANOV, P.M.; MAKSIMOVICH, Yu.P.

Dynamics of the slide valve distributor on a NKR-100M semi-automatic drill. Fiz.-tekh. probl. razrab. pol. iskop. no.1: 67-74 '65. (MIRA 18:10)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.