

YEPIFANOV, P.V.; YEROFEYEV, A.A.; ZELENSKAYA, M.I.

Removal of excess potassium bitartrate in the grape juice
flow. Trudy MNIIPP 5:47-50 '64.

(MIRA 19:1)

YEROFEYEV, A.A., inzh.; YEPIFANOV, P.V., inzh.

Cooler with a stirring element. Khol. tekhn. 39 no.5:21-25
S-0 '62. (MIRA 16:7)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti.

(Crystallization)

(Refrigeration and refrigerating machinery)

YEPIFANOV S. P.

PA 21/49T46

USSR/Engineering
Cranes
Construction Industry

Oct 48

"The S-200 Construction and Erection Crane,"
S. P. Yepifanov, Engr, 4 pp

"Mekh Trud i Tyazh Rabot" No 10

Experimental model of S-200 crane is undergoing trials on building an eight-story house (No 9 Gor'kiy Street, Moscow). Describes crane characteristics and suggests measures to improve them, with one table, six sketches, and one graph.

21/49T46

YEPIFANOV, S. P.

20758. Yepifanov, S. P. Novyy odnokovshevyy trektornyy pogruzhik. Stroit. prom-
st', 1949, No. 6, s. 18-21.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949.

YEPIFANOV, S.P., inzh.

New tractor-mounted one-bucket loaders. Stroi.prom. 27 no.6:
18-21 Je '49. (MIRA 13:2)
(Loading and unloading)
(Building materials--Transportation)

YEPIFANOV, S. P.

"Investigation of Pressure on the Supports of an Automobile Crane in Operation." Sub
6 Feb 51, Moscow Order of the Labor Red Banner Construction Engineering Institute V. V.
Kuybyshev

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

YEPIFANOV, S.P., kandidat tekhnicheskikh nauk; POLYAKOV, V.I., kandidat tekhnicheskikh nauk.

Some problems in utilizing precast reinforced concrete construction in housing construction. Mekh.stroi. 11 no.12:7-11 D '54. (MLRA 8:1)
(Precast concrete construction)

YEPIFANOV, S.P., kandidat tekhnicheskikh nauk; POLYAKOV, V.I., kandidat tekhnicheskikh nauk; KAZARINOV, V.M., kandidat tekhnicheskikh nauk.

Machinery for placing precast and reinforced concrete elements in building apartment houses. Bet.1 shel.-bet. no.9:319-324 D '55.
(MLBA 9:3)

(Cranes, derricks, etc.)

YEPIFANOV, S.P., kand. tekhn. nauk.

Increasing labor productivity and lowering construction costs
by introducing over-all mechanization. Biul. stroi. tekhn. 12 no.1:
5-7 Ja '55. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po organizatsii i
mekhanizatsii stroitel'stva.
(Building machinery) (Construction industry--Costs)

YEPIFANOV S.P., kandidat tekhnicheskikh nauk, nauchnyy redaktor; BEGAK,
B.A., redaktor izdatel'stva; BOROVNEV, N.K., tekhnicheskiiy redaktor

[Plans for comprehensive mechanization of construction work] Skhemy
kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.izd-vo
lit-ry po stroit. i arkhitekt. No.2, sec.6. [Erecting reinforced concrete
and steel structures for apartment buildings and industrial plants]
Montazh zhelezobetonnykh i stal'nykh konstruktsii zhilykh i pro-
myshlennykh zdaniy. 1957. 68 p. (MLRA 10:10)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii
i mekhanizatsii stroitel'stva
(Reinforced concrete construction)
(Building, Iron and steel)

YEPIFANOV, S.P., kandidat tekhnicheskikh nauk; SHAFRANSKIY, V.N., inzhener, redaktor; TARAYEVA, Ye.K. redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskii redaktor.

[Methods of selecting the most effective systems for over-all mechanization of construction work] Metodika vybora naibolee effektivnykh sposobov kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekt., 1957. 175 p. (MLBA 10:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva.
(Construction industry)

YERIPANOV, S.P.

SOKOLOV, K.M. YEVSTAFEYEV, S.V.; ROSTOTSKIY, V.K.; STANKOVSKIY, A.P.;
 VARENIK, Ye.I.; ONUFRIYEV, I.A.; SVESHNIKOV, I.P.; UKHOV, B.S.;
 BAUMAN, V.A.; BARSOV, I.P.; BASHINSKIY, S.V.; BOYKO, A.G.; VALUTSKIY,
 I.I.; ZAPOL'SKIY, V.P.; ZOTOV, V.P.; IVANOV, V.A.; YAZARINOV, V.M.;
 LEVI, S.S.; MALOLETKOV, Ye.K.; MERENKOV, A.S.; MIROPOL'SKAYA, N.K.;
 OSIPOV, L.G.; PEREL'MAN, L.M.; PETROV, G.D.; PETROV, N.M.; POLYAKOV,
 V.I.; VATSSLAVSKAYA, N.Ya.; VAKHRAMEYEV, S.A.; VERZHITSKIY, A.M.;
 VLASOV, P.A.; VOL'FSON, A.V.; VOSHCHININ, A.I.; DZHUNKOVSKIY, N.N.;
 DOMBROVSKIY, N.G.; YERIPANOV, S.P.; YEFREMEENKO, V.P.; ZELICHENOK, G.G.;
 ZIMIN, P.A.; POPOVA, N.T.; ROGOVSKIY, L.V.; REBROV, A.S.; SAPRYKIN, V.A.;
 SOVALOV, I.G.; SOSHIN, A.V.; STARUKHIN, N.M.; SUHENYAN, G.S.; TOLORAYA,
 D.F.; TROITSKIY, Kh.L.; TUSHNYAKOV, M.D.; FROLOV, P.T.; TSIRKUNOV, I.P.

Andrei Vladimirovich Konorov; obituary. Mekh. stroi. 16 no.1:32 Ja
 '59. (MIRA 12:1)

(Konorov, Andrei Vladimirovich, 1890-1958)

YEPIFANOV, Semen Pavlovich; CHERKINSKIY, Yuliy Samuilovich; KUDRYASHEV,
Ivan Timofeyevich; GORODENSKIY, L.M., red.; FLAKSERMAN, N.A.,
tekh. red.

[New developments in building technology] Novoe v stroitel'noi
tekhnike: sbornik statei. Moskva, Ob-vo po rasprostraneniu
polit. i nauchn. znaniy RSFSR, 1959. 30 p. (MIRA 14:9)
(Building machinery) (Building materials)

BONDAR', Ye.P., inzh.; VLASOVA, M.A., inzh.; KALININ, B.P., inzh.; KOPP, L.M., inzh.; SOKOLOVA, A.D., kand.tekhn.nauk; TSEGEL'SKIY, V.L., inzh.; UTENKOV, V.P., kand.tekhn.nauk [deceased]; BOGDANOV, S.I., inzh., nauchnyy red.; TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; GRINEVICH, G.P., red.; YERIPANOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.; SKVORTSOVA, I.P., red.izd-va; GOL'DBERG, T.M., tekhn.red.; EL'KINA, E.M., tekhn.red.

[Handbook for the erection of reinforced-concrete elements of industrial buildings] Spravochnik po montazhu zhelezobetonnykh konstruksii promyshlennykh zdaniy. Pod red. B.P.Kalinina. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1960. 315 p. (MIRA 14:3)

1. Moscow. Gosudarstvennyy institut po proyektirovaniyu stal'nykh konstruksiy. (Reinforced concrete construction)

YEPIFANOV, S.P.

PHASE I BOOK EXPLOITATION

SOV/5601

Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu

Stroitel'no-montazhnyye krany; spravochnoye posobiye (Construction Erection Cranes; a Manual) 2d ed. Moscow, Gosstroyizdat, 1960. 411 p. Errata slip inserted. 30,000 copies printed.

Scientific Ed.: S. P. Yepifanov, Candidate of Technical Sciences; Ed. of Publishing House: I. L. Kromoshch; Tech. Ed.: N. I. Rudakova.

PURPOSE: This manual is intended for technical personnel of design offices and building organizations concerned with the overall mechanization of construction erection operations.

COVERAGE: The manual contains a brief description of designs of cranes used in erection work and data on cranes, including purposes, specifications and functional diagrams, reference data

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Construction Erection Cranes; a Manual

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on performance, composition of crews, required labor consumption, the cost of mounting and dismounting, and the arrangement of tracks. Also contained in the book are data on standard winches, anchors, and ropes, graphs on the cost of the crane operation per shift, basic considerations in the selection of cranes, and the methods for determining performance. The Foreword and Part I of the manual were written jointly by V. I. Polyakov, Candidate of Technical Sciences, and V. A. Solov'yev, Engineer. Parts II and III were written by Polyakov, Solov'yev, and A. N. Bogatov, Engineer. Ch. 4, Section 2, of Part I was written by S. P. Yepifanov, Candidate of Technical Sciences. Ch. I, Sections 1 and 3, and Ch. III of Part I and the tables of means of transportation and graphic data for Parts I and III (Chs. 2, 4, 6, and 7) were compiled by Solov'yev. Ch. I, Section 2, of Part I, the tables of the technical characteristics of cranes, the characteristic of tracks (together with Yu. A. Borisenko), and the graphic material for Parts II (entirely) and III (Chs. 1, 3, and 5) were compiled by Bogatov. The portion of Part I dealing with

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tracks for tower cranes was written by Borisenko. Ch. 7 of Part III was written by Solov'yev; Ch. 8 of Part III, by Yepifanov, Solov'yev, Bogatov, and Polyakov. The cost of crane operation per shift was determined by Yepifanov, Solov'yev, and L. Ya. Grigor'yeva, Engineer, with the participation of Polyakov. M. Ye. Cherkasova, Engineer, Senior Technicians Z. A. Yagodkina, L. F. Sosedkina, and T. S. Devyatova, and Technician N. T. Trushakina selected the materials and plotted the diagrams. There are no references.

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~~YERIFANOV~~, Semen-Pavlovich, kand.tekhn.nauk; POLYAKOV, Vladimir Ivanovich,
kand.tekhn.nauk; AL'PEROVICH, Arkadiy Il'ich, inzh.; ZIMIN, P.A.,
kand.tekhn.nauk, nauchnyy red.; TELINGATER, L.A., red.; DORODNOVA,
L.A., tekhn.red.

[Tower crane operator] Mashinist bashennykh kranov. Izd.2.,
perer. i dop. Moskva, Vses.uchebno-pedagog.isd-vo Proftekhizdat,
1960. 491 p. (MIRA 14:1)
(Cranes, derricks, etc.)

BODUNGEN, I.N., inzh.; VINOGRADOV, K.V., inzh.; VELLERSHTEYN, A.L., inzh.;
 GOL'DGOR, B.G., inzh.; KUZ'MIN, V.S., inzh.; KULIKOV, P.S., inzh.;
 LEBEDEV, N.N., inzh.; LEVI, S.S., kand.tekhn.nauk; ROZANOV, M.S.,
 inzh.; SIDOROV, V.N., inzh.; SOKOLOV, D.V., inzh.; SLONIM, N.M.,
 inzh., laureat Stalinskoy premii; EPSHTEYN, A.I., inzh.; ANTRUSHIN,
 B.D., inzh., nauchnyy red.; SIMAKOV, S.N., inzh., nauchnyy red.;
 TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; GRINE-
 VICH, G.P., red.; YEFIMANOV, S.P., red.; ONUFRIYEV, I.A., red.;
 ZIMIN, P.A., red.; VISOVENKO, Z.I., red.izd-va; SHIROKOVA, G.M.,
 red.izd-va; EL'KINA, E.M., tekhn.red.

[Power engineering handbook for construction work] Spravochnik
 energetika na stroitel'stve. Izd.2., perer. i dop. Pod red. N.N.
 Lebedeva. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
 materialam, 1960. 736 p. (MIRA 13:11)

(Power engineering)

YEPIFANOV, S.P., kand. tekhn. nauk, nauchnyy red.; KROMOSHECH, I.L., red. izd-va; RUDAKOVA, N.I., tekhn. red.

[Construction and assembly cranes; a reference manual] Stroitel'no-montazhnye krany; spravochnoe posobie. Izd.2. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1960. 411 p.
(MIRA 14:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Cranes, derricks, etc.)

ANTEYKER, V.I., inzh.; YEPIFANOV, S.P., kand.tekhn.nauk

NIIOMTP-58 crane for the rural construction of few-storied buildings.
Stroi.i dor.mash. 6 no.7:17-18 J1 '61. (MIRA 14:7)
(Cranes, derricks, etc.)

ROGOVSKIY, L.V., inzh.; CHERKASHIN, V.A., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; GORBANEV, V.P.; TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; GRINEVICH, G.P., red.; YEPIFANOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.; YUDINA, L.A., red.izd-va; RYAZANOV, P.Ye., tekhn.red.; GOLDBERG, T.M., tekhn.red.

[Earthwork operations under winter conditions] Proizvodstvo zemlyanykh rabot v zimnikh usloviyakh; spravochnoe posobie. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 149 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Rukovoditel' laboratorii zemlyanykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Rogovskiy). 3. Laboratoriya zemlyanykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Cherkashin). 4. Starshiy tekhnik laboratorii zemlyanykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Gorbanev).

(Earthwork--Cold weather conditions)

STARUKHIN, N.M., inzh.; BOGATYKH, Ya.D., inzh.; TRUBIN, V.A., glav. red.;
SOSHIN, A.V., zam. glav. red.; GRINEVICH, G.P., red.p.YEPIFANOV,
S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A.,
red.; TSYURUPA, A.L., inzh., nauchnyy red.; GORDEYEV, P.A., red. izd-
va; SHERSTNEVA, N.V., tekhn. red.

[Handbook on masonry operations] Spravochnik po kamennym rabotam.
Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam,
1961. 198 p. (MIRA 14:10)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Masohry)

BARANOV, L.A.; GORBATOV, V.I.; YEVREINOV, D.V.; YERMAKOV, Ye.I.;
 PETERSKOV, N.I.; RYL'TSEV, A.N.; RYAZANTSEV, K.G.; TOROPOV, A.S.;
 TSEYTLIN, G.I.; YAROSHEV, D.M.; TRUBIN, V.A., glavnyy red.;
 SOSHIN, A.V., zam.glavnogo red.; RAKITIN, G.A., red.; GRINEVICH,
 G.B., red.; YEPIFANOV, S.P., red.; OMUFRIYEV, I.A., red.; KHOKHLOV,
 B.A., red.; ZIMIN, P.I., red.; TABUNINA, M.A., red.izd-va;
 OSENKO, L.M., tekhn.red.

[Manual on accident prevention and industrial sanitation during
 construction and repair operations] Spravochnoe posobie po tekhnike
 bezopasnosti i promsanitarii pri proizvodstve stroitel'no-montazh-
 nykh rabot. Pod red. G.A.Rakitina. Moskva, Gos.izd-vo lit-ry po
 stroit., arkhitekt. i stroit.materialam, 1961. 359 p.

(MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-
 zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
 (Construction Industry--Hygienic aspects)

GRIGOR'YANTS, A.S.; GLADSHTEYN, D.A.; LANTSBURG, Ya.B.; TRUBIN, V.A., glav. red.; SOSHIN, A.V., zan. glav. red.; GRINEVICH, G.P., red.; YEPIFA-
NOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red. ZIMIN, P.A., red.; KANTSEL', Ya.O., nauchnyy red.; SHIROKOVA, G.M., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Handbook on the consumption of spare parts and materials in operating and repairing building and road machinery] Spravochnik po raskhodu zapasnykh chastei i materialov dlia ekspluatatsii i remonta stroitel'-nykh i dorozhnykh mashin. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 399 p. (MIRA 14:10)

(Building machinery--Maintenance and repair)
(Road machinery--Maintenance and repair)

IVYANSKIY, G.B., kand. tekhn. nauk; POLYAKOV, V.I., kand. tekhn. nauk;
RAYPENBERG, S.M., inzh.; CHEREPAKHIN, N.V., inzh.;
PROSKURNINA, V.P., red.; TRUBIN, V.A., glav. red.; SOSHIN,
A.V., zam. glav. red.; GRINEVICH, G.P., red.; YEPIFANOV, S.P.,
red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A.,
red.; PEREVALYUK, M.V., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Erection of completely precast apartment houses] Montazh polno-
sbornykh zhilykh zdaniy; spravochnoe posobie. Pod red. V.P.
Proskurnina. Moskva, Gosstroizdat, 1962. 94 p.

(MIRA 15:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Apartment houses) (Precast concrete construction)

GEL'MAN, A.S.; GRINEVICH, G.P., prof.; GRINEVICH, G.G.; ZOTOV, V.P.;
KOMAROV, G.V.; PAVLOV, S.M.; FIRMON, A.V.; TRUBIN, V.A., glav.
red.; SOSHIN, A.V., zam. glav. red.; YEPIFANOV, S.P., red.;
ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.;
KHROMOSHCH, I.L., inzh., red.; NAUMOVA, G.D., tekhn. red.

[Handbook on loading, unloading, and conveying operations in
construction] Sptavochnik po pogruzochno-razgruzochnym i trans-
portnym rabotam na stroitel'stve. Pod red. G.P.Grinevicha.
Moskva, Gosstroil'dat, 1962. 376 p. (MIRA 15:9)
(Material handling) (Building materials)

YEPIFANOV, Semen Pavlovich, kand. tekhn. nauk; POLYAKOV, V.I.,
kand. tekhn.nauk; AL'PEROVICH, A.I., inzh.; AIMIN, P.A.,
nauchn. red.; TELINGATER, L.A., red.; BARANOVA, N.N.,
tekhn. red.

[Operator of tower cranes] Mashinist bashennykh kranov. Izd.3.,
ispr. i dop. Moskva, Proftekhizdat, 1963. 517 p.

(MIRA 16:10)

(Cranes, derricks, etc.)

L 41561-65 EWT(m)/EWP(t)/EWP(r) IJP(c) JD/JG

ACCESSION NR: AT5008878

S/2601/64/000/020/0185/0190

AUTHOR: Yepifanov, V. G.; Lesnik, A. G. (Doctor of physico-mathematical sciences) ^{B-1}

TITLE: Zone melting of metal in water-cooled copper crucibles

SOURCE: AN UkrSSR. Institut metallofiziki. Sbornik nauchnykh trudov, no. 20, 1964. Voprosy fiziki metallov i metallovedeniya (Problems in the physics of metals and physical metallurgy), 185-190

TOPIC TAGS: zone melting, metal zone melting, reactive metal zone melting, chromium zone melting, titanium zone melting, manganese zone melting, zone refining

ABSTRACT: Several variants of zone-melting units and various methods of zone melting reactive metals have been tested. Tests showed that the unit for vertical induction-zone melting of metals in a copper crucible consisting of water-cooled tubes is the most convenient and effective. The number of tubes depends upon the size of the crucible and has to be increased in a large crucible in order to reduce the loss of magnetic flux. The quality of chromium ingots,

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L 41561-65

ACCESSION NR: AT5008878

2

10—35 mm in diameter and 200 mm long, melted in this type of unit was superior to that of ingots obtained by arc melting. It was proved possible to use the unit for melting and refining titanium, vanadium, and manganese to obtain good quality ingots. The unit makes it possible to degas the charge in vacuum before melting at temperatures up to 800C and to control the melting process visually. Single-pass zone melting lowers the NDT temperature of chromium by 100C, as compared with that of conventionally melted chromium. Chromium ductility is further improved by increasing the number of zone passes. Orig. art. has: 5 figures and 2 tables.

10/1

ASSOCIATION: Institut metallofiziki, AN UKrSSR (Institute of Metal Physics, AN UKrSSR)

SUBMITTED: 20Apr64

ENCL: 00

SUB CODE: MM, IE

NO REF SOV: 001

OTHER: 003

ATD PRESS: 3234

Card 2/2

KRUTIKOV, K.T., inzh.; GARINOV, K.A., kand. tekhn. nauk; ITTENBERG, I.A.,
kand. tekhn. nauk; prínimali uchastiye: VAKHTUROV, A.N., starshiy
nauchnyy sotrudnik; VOLKOV, M.V., starshiy nachnyy sotrudnik;
KURTSMAN, L.B., starshiy nachnyy sotrudnik; BOGATYREVA, M.I.,
mladshiy nachnyy sotrudnik; ZABOLOTNEVA, G.K., mladshiy nach-
nyy sotrudnik; NOVIKOVA, V.V., mladshiy nachnyy sotrudnik;
ALEKSEYEVA, T.I., mladshiy nachnyy sotrudnik; PETROVA, I.A.,
mladshiy nachnyy sotrudnik; SEDEL'NIKOVA, A.F., mladshiy
nachnyy sotrudnik; KATKOVA, T.I., inzh.; ZELENKOV, P.A., inzh.;
SIDOROVA, L.N., starshiy laborant; KALASHNIKOVA, V.M., starshiy
laborant; VOYEVOODINA, A.Ye., starshiy tekhnik; USPENSKAYA, M.B.,
starshiy tekhnik; YEFIFANOV, V.K., starshiy tekhnik

[Organization of the shipping of transit cargoes on the Volga-
Baltic Sea Waterway.] Organizatsiya perevozok tranzitnykh gruzov
po Volgo-Baltiiskomu vodnomu puti. Moskva, Transport, 1965.
109 p. (Moscow. Tsentral'nyi nachno-issledovatel'skii institut
ekonomiki i ekspluatatsii vodnogo transporta. Trudy, no.40).

L43930-66 EWT(m)/EWP(w)/EWP(f)/EWP(v)/T-2/EWP(k) IJP(c) WW/EM

ACC NR: AP6027624

SOURCE CODE: UR/0145/66/000/006/0069/0072

AUTHOR: Yepifanov, V. M. (Engineer)

ORG: MVTU

TITLE: Experimental investigation of turbine cascades with expanded trailing edges

SOURCE: IVUZ. Mashinostroyeniye, no. 6, 1966, 69-72

TOPIC TAGS: gas turbine, turbine blade, turbine cascade, turbine ~~blade~~ cooling

ABSTRACT: An attempt was made to reduce the energy losses in gas turbine cascades when the trailing edges of the blades²⁰ are made thicker for various purposes, e.g., to provide for cooling ducts within them. Previous investigations have shown that the trailing edge losses depend not only on the thickness of the edge, but also on its shape. To investigate this problem, wind tunnel tests were conducted using blade cascades of various thicknesses of the blade trailing edge, i.e., $\Delta = 1.24$ mm, 2.2 mm, 4.2 mm, and 5.2 mm and various trailing edge shapes under different operating conditions. The obtained results show that the losses can be reduced by proper shaping of the trailing edges by varying the pitch and angle of the blade while keeping the velocity triangle unchanged. Orig. art. has: 3 figures. [AV]

SUB CODE: 19/ SUBM DATE: 05Jan66/ ORIG REF: 006/ ATD PRESS: 5060

Card 1/1

UDC: 621.438

GAYDAMAKA, V.F., kand. tekhn. nauk; YEPIFANOV, V.S., inzh.

Hydrodynamic clutch is a means for increasing the durability of machines with periodic operation. Gidr. mash. i gidr. no.1: 180-192 '65. (MIRA 18:12)

1. Khar'kovskiy politekhnicheskii institut.

KUNIN, T.I.; YEPIFANOV, V.S.

Interaction of sodium carbonate with sulfur dioxide in a fluidized bed. Izv.vys.ucheb.zav.; khim.i khim.tekh. 4 no.6:992-997 '61. (MIRA 15:3)

1. Ivanovskiy khimiko-tekhnologicheskii institut, kafedra obshchey khimicheskoy tekhnologii.
(Sodium carbonate) (Sulfur dioxide) (Fluidization)

MOGIL'NYY, D.G.; FEL'DSHTEYN, I.Ya.; YEPIFANOV, V.S.

Device for determining the number of collector plates
in electric machine collectors. Biul.tekh.-ekon.inform.
Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.9:46-47
'62. (MIRA 15:9)
(Electric generators--Design and construction)

YEPIFANOV, V. S., KUNIN, T. I.

Kinetics of interaction between sodium bicarbonate and sulfur dioxide. Izv. vyzn. ucheb. zav.; khim. i khim. tekhn. 5 no.5:770-774 '62. (MIRA 16:1)

1. Ivanovskiy khimiko-tekhnologicheskoy institut, kafedra obshchey khimicheskoy tekhnologii.

(Sodium carbonates) (Sulfur dioxide)

S/153/62/005/006/002/015
E071/E333

AUTHORS: Yepifanov, V.S. and Kunin, T.I.

TITLE: Thermal stability of sodium pyrosulfite

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Khimiya i
khimicheskaya tekhnologiya, v. 5, no. 6, 1962,
864 - 870

TEXT: Thermal stability of sodium pyrosulfite in the temperature range 30 - 300 °C was studied in order to find the optimum conditions for industrial drying of this salt. It was shown that in an atmosphere of a gas free from sulfur dioxide a noticeable decomposition of the salt began at 110 °C. The decomposition proceeded to sulfur dioxide and sodium sulfite up to 150 °C. Above this temperature the decomposition proceeded according to a complex scheme, with a considerable amount of sodium sulfate in the decomposition products. In this case the humidity of the atmosphere accelerated the decomposition process of sodium pyrosulfite, partially hydrolyzing to bisulfite. The thermal stability of the pyrosulfite was somewhat increased in an atmosphere of gas containing 7.5% sulfur dioxide. Decomposition
Card 1/2

Thermal stability of

S/153/62/005/006/002/015
E071/E333

started at 150 °C, according to a complex scheme, leading to the formation of a considerable proportion of sulfate. The humidity of this atmosphere had no influence on the decomposition of sodium pyrosulfate. The partial pressure of sulfur dioxide over sodium pyrosulfite was determined. In the temperature range up to 140 °C the pressure of sulfur dioxide over pyrosulfite in an atmosphere of a moist gas was higher than over pyrosulfite in an atmosphere of a dry gas. The possibility of an intensification of the drying process of sodium pyrosulfite by conducting it at temperatures up to 140 °C in an atmosphere of a gas containing 6.5 - 15% sulfur dioxide was demonstrated. There are 4 figures and 3 tables.

ASSOCIATION:

Kafedra obshchey khimicheskoy tekhnologii,
Ivanovskiy khimiko-tekhnologicheskii institut
(Department of General Chemical Technology,
Ivanovo Institute of Chemical Technology)

SUBMITTED:

November 14, 1961

Card 2/2

YEPIFANOV, V.3.; KUNIN, T.I.

Preparation of anhydrous sodium sulfite by the dry method in an apparatus with a fluidized bed. Izv.vys.ucheb.zav.khim.i khim.tekh. (MIRA 16:6)
6 no.1:106-110 '63.

1. Ivanovskiy khimiko-tekhnologicheskii institut, kafedra obshchey khimicheskoy tekhnologii.
(Sodium sulfite) (Drying apparatus)

L 41182-65 EWT(m)/ENP(w)/EPF(s)/EPR/T EM

ACCESSION NR: AP5004953

8/0286/65/000/002/0055/0055

AUTHOR: Yepifanov, V. V.

TITLE: A device for the automatic recording of small unidirectional dislocations such as the deformations of specimens used in mechanical tests of materials. Class 42, No. 167643

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 2, 1965, 55

TOPIC TAGS: deformation mechanism, ¹⁶dislocation effect

ABSTRACT: This Author Certificate presents a device for automatically recording small unidirectional dislocations, e.g., deformations of specimens used in the mechanical tests of materials. The device contains an electric inductive pick-up with its movable armature connected to the specimen and an automatic potentiometer connected to the pick-up. To broaden the limits of the recorded dislocations, the armature of the pick-up is made free to turn and is mechanically connected to the specimen being tested by a micrometer screw and nut. The pick-up is connected to the axle of an electrometer which is switched on by contacts at the limit deflection of the armature. The pick-up is returned to its initial zero position by the electrometer.

Card 1/8

SUBMITTED 27 MAY 63

ITENBERG, S.S.; YEPIFANOV, Yu.3.

Possibility of evaluating the reservoir properties and determining the gas saturation of silt layers of the Khadum horizon of the Bezopasnenskoye gas field in central Ciscaucasia. Izv. vys. ucheb. zav.; neft' i gaz 3 no.4:15-22 '60. (MIRA 15:6)

1. Groznenskiy neftyanoy institut.
(Caucasia; Northern--Gas, Natural--Geology)

ITENBERG, S. S., YEPIFANOV, Yu. G.

Determining physical parameters of petroleum-bearing rocks from
geophysical data. Prikl. geofiz. no.26:246-252 '60.

(MIRA 13:8)

(Prospecting--Geophysical methods)

(Petroleum engineering)

ITENBERG, S.S.; SEMURMAN, G.A.; YERIPANOV, Yu.G.; DAKHIL'GOV, I.D.

Determining the actual thicknesses of the sandy silt reservoir
rocks of the Lower Cretaceous sediments of the Kuma region.
Neftegaz.geol. i geofiz. no.2:20-23 '64. (MIRA 17:4)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.

YEPIFANOV, Yu.G.; DAKHIL'GOV, T.D.

Concerning the use of methods of mathematical statistics for
refining the correlations between the geophysical and reservoir
parameters of rocks. Izv. vys. ucheb. zav.; nefte' i gaz ? no.12:
7-9 '64. (MIRA 18:2)

1. Groznenskiy neftyanoy institut.

ITENBERG, S.S.; YEPIFANOV, Yu.G.; DAKHEIL'GOV, T.D.; SHNURMAN, G.A.

Evaluating the porosity of Lower-Cretaceous sandy argillaceous rocks of the Kuma Plain according to self-potential data. Izv. vys. ucheb. zav.; nef't i gaz. 8 no.5:3-7 '65. (MIRA 18:7)

1. Groznenskiy nef'tyanoy institut.

YEPIFANOVA, A. P. and KRZHIZHANOVSKIY, G. M.

"Alexandr Vasil'yevich Vinter", Izdatel'stvo Akademii Nauk SSSR, 30 pp, 1950.

YEPIFANOVA, A.P.

Nikolai Timofeevich Gudtsov. Bibliografiia sostavlena A.P.
Epifanovoi. Moskva, 1953. 41 p. (MLRA 7:2)

1. Akademiya nauk SSSR.
(Gudtsov, Nikolai Timofeevich, 1885-)

YEPIFANOVA, A. P.

YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, redaktor; TOPCHIEV, A.V.,
~~akademik~~, redaktor; ISAKOVA, O.V., redaktor; LIKHTENSHTYU, Ye.S.,
redaktor

Gleb Maksimilianovich Krzhizhanovskii. Vstup. stat'i S.I.Vavilova,
A.V.Topchieva, S.G.Strumilina, A.V.Vintera, V.I.Veitsa. Bibliografiia
sostavlena A.P.Epifanovoi. Moskva, 1953. 99 p. (Materialy k biobiblio-
grafii uchenykh SSSR. Seriya tekhnicheskikh nauk: Energetika, no.1)
(MLRA 7:9)

1. Akademiya nauk SSSR.
(Krzhizhanovskii, Gleb Maksimilianovich, 1872-)

YEPIFANOVA, A.P.

GLUSHCHENKO, I.Ye.; YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik,
redaktor; TOPCHIEV, A.N., akademik, redaktor.

Trofim Denisovich Lysenko. Moskva, 1953. 128 p.

(MIRA 7:2)

1. Akademiya nauk SSSR.

(Lysenko, Trofim Denisovich, 1898-)

(Bibliography--Lysenko, Trofim Denisovich, 1898-)

(Lysenko, Trofim Denisovich, 1898- --Bibliography)

YEPIFANOVA A.P.; NISMEYANOV, A.N.; akademik, redaktor; TOPCHIEV, A.V.,
akademik, redaktor; ISAKOVA, O.V. redaktor; LIKHTENSHTEYN, Ye.S.
redaktor; SHUNKOV, V.I., redaktor, DOBROMYSLOV, A.A., redaktor;
POLYAKOVA, T.V., tekhnicheskii redaktor

Viktor Sergeevich Kulebakina. Vstup. stat'ia K.S. Bobova; biblio-
grafiia sostavlena A.P. Epifanovoi. Moskva, 1954. 47 p. (Materialy k
bibliografiu uchenykh SSSR. Seriya tekhnicheskikh nauk. Knerge-
tika, no. 4) (MLRA 8:9)

(KULEBAKIN, VIKTOR SERGEVICH, 1891-)

YEPIFANOVA, A.P., NESMEYANOV, A.N., akademik, glavnyy redaktor;
TOPCHIEV, A.V., akademik, zamestitel' glavnogo redaktora;
ISAKOVA, O.V., otvetstvennyy redaktor; SHUNKOV, V.I.,
otvetstvennyy redaktor; LIKHTEHSHTEYN, Ye.S., otvetstvennyy
redaktor; KASHINA, P.S. Tekhredaktor.

Leonid Samuilovich Leibenson (1879-1951). Vstup.stat'ia L.I.
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Moskva, 1957. 51 p. (Materialy k biobibliografii uchenykh SSSR.
Seriia tekhnicheskikh nauk. Mekhanika, no.7) (MIRA 10:4)

1. Akademiya nauk SSSR.
(Leibenson, Leonid Samuilovich, 1879-1951)

YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, glavnyy red.; TOPCHIEV,
A.V., akademik, zam.glavnogo red.; ISAKOVA, O.V., otv.red.;
LIKHTENSHTAYN, Ye.S., otv.red.; SHUNKOV, V.I., otv.red.;
RYVKIN, A.Z., red.izd-va; POLESITSKAYA, S.M., tekhn.red.

Ivan Georgievich Petrovskii. Vstup. stat'ia E.M.Landisa i O.A.
Oleinik. Bibliografiia sostavlena A.P.Epifanovoi. Moskva,
1957. 41 p. (Materialy k biobibliografii uchenykh SSSR. Seriya
matematiki, no.?) (MIRA 12:4)

1. Akademiya nauk SSSR.
(Petrovskii, Ivan Georgievich, 1901-)

YEPIFANOVA, A.P.; NESMEYENOV, A.M.; akademik, glavnyy red.; TOPCHIEV, A.V., akad.,
zamestitel' glavnogo red.; ISAKOVA, O.V., otvetstvennyy red.;
LIKHTENSHTAYN, Ye.S., otvetstvennyy red.; SHCHUNKOV, V.I.,
otvetstvennyy red.; POLESITSKAYA, S.M., tekhn.red.

Vasilii Vasil'evich Zvonkov. Vstup.stat'ia V.P.Mironova. Bibliografiia
soot. A.P.Epifanovoi. Moskva, 1957. 40 p. (Materialy k biobibliografi
uchenykh SSSR. Seriya tekhnicheskikh nauk. Transport, no.4)
(MIRA 10:12)

1. Akademiya nauk SSSR.

(Zvonkov, Vasilii Vasil'evich, 1891-)

YEPIFANOVA, A.P.; MESMEYANOV, A.N., akademik, glavnyy red.; TOPCHIEV, A.V., akademik, red.; ISAKOVA, O.V., otvetstvennyy red.; LIKHTENSHTEYN, Ye.S., otvetstvennyy red.; SHUNKOV, V.I., otvetstvennyy red.; POLESITSKAYA, S.M., tekhn.red.

Iulian Aleksandrovich Shimanskii. Bibliografiia sostavlena A.P. Epifanovoi. Moskva, 1958. 44 p. (Materialy k biobibliografi uchenykh SSSR, Seriya tekhnicheskikh nauk. Mekhanika, no.8) (MIRA 11:5)

1. Akademiya nauk SSSR.
(Bibliography--Shimanskii, Iulian Aleksandrovich, 1883-)

~~YEPIFANOVA, A.P.~~; NESMAYANOV, A.N., akademik, glavnyy red.; TOPCHIYEV, A.V., akademik, zamestitel' glavnogo redaktora; ISAKOVA, O.V., otv.red.; LIKHTENSHTEYN, Ye.S., otv.red.; SHUNKOV, V.I., otv.red.; YEGOROVA, N.F., tekhn.red.

Aleksandr Mitrofanovich Terpigorev. Vstup. stat'ia A.A.Skochinskogo i B.A.Rozentretara. Bibliografiia sostavlena A.P. Epifanovoi. Izd. 2., dop. Moskva, 1958. 82 p. (Materialy k biobibliografiu uchenykh SSSR. Seriya tekhnicheskikh nauk. Gornoe delo, no.8). (MIRA 12:2)

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YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, glavnyy red.; VOLKOVA, V.,
tekhn.red.

Leonid Ivanovich Sedov. Vstup.stat'ia M.I.Gurevicha. Biblio-
grafiia sostavlena A.P.Epifanovoi. Moskva, Izd-vo Akad.nauk SSSR,
1959. 44 p. (Materialy k biobibliografii uchenykh SSSR. Ser.
tekhnicheskikh nauk. Mekhanika, no.9) (MIRA 12:11)

1. Akademiya nauk SSSR.
(Bibliography--Sedov, Leonid Ivanovich, 1907-)

~~YEPIFANOVA, A.P.~~; MESMEYANOV, A.M., akademik, glavnyy red.; TOPCHIEV,
A.V., akademik, zamestitel' glavnogo red.; ISAKOVA, O.V., otv.red.;
LICHTENSHTEYN, Ye.S., otv.red.; SHUNKOV, V.I., otv.red.

Lev Dmitrievich Sheviakov. Vstup. stat'ia M.I. Agoshkova i B.A.
Rozentretera. Bibliografiia sostavlena A.P. Epifanovoi. Izd. 2.,
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1. Akademiya nauk SSSR.
(Bibliography--Sheviakov, Lev Dmitrievich, 1889-)

YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, glavnyy red.; TOPCHIYEV, A.V., akademik, zastititel' glavnogo red.; ISAKOVA, O.V., otv. red.; LIKHTENSHTEYN, Ye.S., otv.red.; SHUNKOV, V.I., otv.red.; LATYSHEV, I.V., red.izd-va; LEBEDEVA, L.A., tekhn.red.

Nikolai Vasil'evich Mel'nikov. Vstup.stat'ia G.P.Nikonova i B.A.Simkina. Bibliografiia sost.A.P.Epifanovoi. Moskva, 1960. 38 p. (Materialy k biobibliografii uchenykh SSSR. Ser.tekhnicheskikh nauk. Gornoe delo, no.9).

(MIRA 13:6)

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YEPIFANOVA, A.P., ISAKOVA, O.V., otv.red.; LIKHTENSHTEYN, Ye.S., otv.red.;
SHUNKOV, V.I., otv.red.; NESMEYANOV, A.N., akademik, glavnyy red.;
TOPCHYYEV, A.V., akademik, zamestitel' glavnogo red.

Igor' Nikolaevich Flaksin. Vstupitel'naya stat'ia V.I. Klassena
i V.A. Glembofskogo. Bibliografiya sostavlena A.P. Epifanovoi.
Moskva, Izd-vo Akad. nauk SSSR, 1962. 116 p. (Materialy k biobiblio-
grafii uchenykh SSSR. Seriya tekhnicheskikh nauk: Gornoe delo,
no. 10) (MIRA 15:2)

1. Akademiya nauk SSSR.
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YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, glav. red.; TOPCHIYEV,
A.V., akademik, zam. glav. red.; ISAKOVA, O.V., otv. red.;
LIKHTENSHTAYN, Ye.S., otv. red.; SHUNKOV, V.I., otv. red.
LAUT, V.G., tekhn. red.

[Mikhail Polievktovich Kostenko] Mikhail Polievktovich Kostenko.
Vstup. stat'ia A.E.Alekseeva; bibliografiia sostavlena A.P.
Epifanovoi. Moskva, 1962. 51 p. (Materialy k biobibliografii
uchenykh SSSR. Seriya tekhnicheskikh nauk: Elektrotehnika, no.3)
(MIRA 15:6)

1. Akademiya nauk SSSR.

(Kostenko, Mikhail Polievktovich, 1889-)

YEPIFANOVA, A.P.; ISAKOVA, O.V., otv. red.; LIKHTENSHTEYN, Ye.S.,
otv. red.; SHUNKOV, V.I., otv. red.; NESMEYANOV, A.N.,
akademik, glav. red.

Boris Nikolayevich Iur'ev. Bibliografiia sost. A.P.Epifanovoi.
Moskva. Nauka, 1964. 51 p. (Materialy k bibliografii uche-
nykh SSSR. Seriya tekhnicheskikh nauk. Mekhanika, no.10)
(MIRA 18:12)

1. Akademiya nauk SSSR.

YEPIFANOVA, A.P.; NESMEYANOV, A.N., akademik, glav. red.; ISAKOVA,
O.V., otv. red.; LIKETENSHTYIN, Ye.S., otv. red.;
SHUNKOV, V.I., otv. red.

[A.I.Berg] Aksel' Ivanovich Berg. Vstup. stat'ia I.V.
Breneva. Bibliografiia sostavlena A.P.Epifanovoi. Mo-
skva, Nauka, 1965. (Materialy k biobibliografii uche-
nykh SSSR. Seriya tekhnicheskikh nauk: Radiotekhnika,
no.2) (MIRA 19:1)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR
(for Shunkov).

MASLOV, V.N.; PELEVIN, O.V.; YEMIFANOVA, K.I.; DAVYDOV, A.A.

Crystallization of a film between parallel growing germanium
dendrites. Rost krist. 4:95-100 '64. (MIRA 17:8)

ACCESSION NR: AT4040554

S/2564/64/004/000/0095/0100

AUTHOR: Maslov, V.N.; Pelevin, O.V.; Yepifanova, K.I.; Davy*dov, A.A.

TITLE: Crystallization of a film between germanium dendrites growing in parallel

SOURCE: AN SSSR. Institut kristallografi. Rost kristallov, v. 4, 1964, 95-100

TOPIC TAGS: germanium, germanium film, interdendritic film, film growth, germanium dendrite, germanium crystallization

ABSTRACT: The structure of interdendritic germanium films, grown in a symmetrical temperature field in a laboratory assembly with a melting capacity of 120 g of germanium, using argon as the atmosphere, was studied microscopically and metallographically. The assembly was suited for the preparation of 1.0-1.5 mm wide and 7-80 μ thick films at a rate of 60-90 mm/min at melt temperatures of 10-15C below the melting point. The process of crystallization of an interdendritic film is believed to consist of three stages: (1) the initial formation of the interdendritic film as an outgrowth of the base lamella from one dendrite into the interspace, until it merges with the parallel growing dendrite; (2) further

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ACCESSION NR: AT4040554

crystallization of the interdendritic filia; and (3) growth of the outer layers of the base lamella of the interdendritic film as a result of migration of atoms from the side surface of the dendrites. The minimum film thickness corresponds to the lamella thickness. Orig. art. has: 5 figures.

ASSOCIATION: Institut kristallografi AN SSSR (Institute of Crystallography, AN SSSR)

SUBMITTED: 00.

DATE ACQ: 02Jul64

ENCL: 00

SUB CODE: IC, EC

NO REF SOV: 000

OTHER: 007

Cord 2/2

YERIFANOVA, M. V.

20816

9.4160 (also 1137, 1395)

S/O48/61/025/003/035/047
B104/B202

AUTHORS: Tolstoy, N. A., Tkachuk, A. M., Sokolov, V. A.,
Burlakov, A. V., Ryskin, A. I., Mansurova, Z. S., and
Yerifanov, M. V.

TITLE: Flash-heating of ZnS-phosphors and concurrence of
luminescence bands

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya,
v. 25, no. 3, 1961, 399-405

TEXT: This paper was presented at the 9th conference on luminescence (crystal phosphors), Kiev, June 20 to 25, 1960. Flash heating of phosphors is related to an accumulation of electrons or holes which occurs in the interval between two excitations. Proceeding from the scheme suggested by Schön and Klasens the authors discuss the processes occurring in this connection with the aid of the scheme shown in Fig. 1. They explain the filling of the blue and red luminescence centers with holes in the case of steady excitation. They also discuss the mechanism of flash heating which leads to the concurrence of blue and red bands which had been described already by V. L. Levshin. On the basis of these considerations the authors study the dependence of the steady luminescence of short-wave bands on the intensity of the exciting light at different temperatures.

PARUSNIKOV, V.N.; KAPLAN, A.I.; Prinimali uchastiye: POPOVA, Ye.;
YEPIFANOVA, N.; DEYEVA, G.

Manufacture of slot-type fine structure masks for two-
color electron-beam tubes using a photochemical technique.
Sbor. mat. po elektrovak. tekhn. no.28:32-40 '61.
(MIRA 16:8)

YERIPANOVA, N.

6(4); 24(1) P.3

PHASE I BOOK EXPLOITATION

SOV/3311

Leningrad. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy institut radio-
veshchatel'nogo priyema i akustiki. Otdel nauchno-tekhnicheskoy informatsii

Nauchno-tekhnicheskii sbornik; trudy, vyp. 10 (Scientific and Technical
Collection; Transactions, No.10) Leningrad, 1958. 96 p. Errata slip
inserted.

Editorial Commission: V.K. Iofe, S.G. Zinov'yev (Deputy Resp. Ed.),
B.Sh. Kissel'gof, N.S. Kupriyanov, Ye.K. Smetanina, K.K. Popov (Resp.
Ed.), A.T. Prokhorov, B.S. Semenov, and V.V. Titkov; Ed.: R.Ya. Finkel'-
shteyn; Tech. Ed.: A.A. Genkin.

PURPOSE: This collection of articles is intended for specialists in the
field of radio broadcasting reception and acoustics.

COVERAGE: This collection contains four works on the following subjects:
the use of ferromagnetic antennas in vacuum-tube and transistorized
radio broadcasting receivers, measurements of the mean standard sound
pressure of low-capacity cone loudspeakers, new methods of determining

Card 1/4

Scientific and Technical Collection (Cont.)

SOV/3311

tolerances for components of electromechanical filters with lumped and distributed constants, quality indices of a nonlinear bridge with a diode which is used as a measuring component in the control circuit of a low rectified voltage regulator. References are given after each article.

TABLE OF CONTENTS:

Kalikhman, S.G. Ferromagnetic Receiving Antennas

The author investigates the advantages obtained in using ferromagnetic antennas (a variety of loop antennas) in vacuum-tube and transistorized radio receivers. He compares magnetic antennas with electric rod antennas and explains why the former have a higher noise-rejecting feature than the latter. However, this is obtained only when the antenna effect in the magnetic antenna becomes insignificant. The author outlines some efficient methods for reducing that effect for various types of receivers and various wave lengths. He thanks N.V. Maksimova, Senior Engineer, and Ye.M. Kondrat'yev, Head of Section, NII (Scientific Research Institute) for their help. There are 2 Soviet references.

Card 2/4

Scientific and Technical Collection (Cont.)

SOV/3311

Dombrovskiy R., and N. Yepifanova. Problem of Measuring the Mean Standard Sound Pressure of Loudspeakers by the Reciprocity Method

19

The authors present the results of measuring the mean standard sound pressure of low-capacity cone loudspeakers. In their tests the authors used the reciprocity method in live space conditions, according to GOST 7323-55. An analysis of shortcomings revealed, and of methods of reducing them, is presented. Maximum permissible errors of these measurements are determined. The authors consider the method suitable for loudspeaker calibration in plant laboratories. They thank V.K. Iofe for his help. There are 27 references: 11 Soviet and 16 English (6 are translated from English).

Petrov, A.N. Tolerances For Components of Electromechanical Filters

36

The article is devoted to the theoretical investigation of the precision required in the production of components of oscillatory systems in electromechanical filters. The author investigates modern methods of determining tolerances in components of electric filters with lumped constants, outlines a method of calculating tolerances in filters with distributed constants and develops formulas for the calculation of these

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Scientific and Technical Collection (Cont.)

SOV/3311

tolerances. He presents examples of calculations and suggests some practical conclusions for the design of electromechanical filters. There are 4 references; 3 Soviet and 1 English. No personalities are mentioned.

Danilova, N.A. Performance of a Nonlinear Bridge System With a Diode in the Control Circuit of the Low Rectified Voltage Regulator

67

The author investigates quality indices of a nonlinear bridge which contains a diode in one of its branches operating under saturation conditions. Such bridges are used in the stabilization of low-voltage supplies operating under heavy loads. The diode is used as a measuring element. The following indices were investigated: the gain factor, sensitivity, error, and dynamic properties. The author also obtained the following data experimentally (presented in tabular form in an Appendix): static characteristics, drift of the emission current and characteristics of transient processes in the diodes 4Ts 6S and 2D9S. There are 8 references; 7 Soviet and 1 English. No personalities are mentioned.

AVAILABLE: Library of Congress

Card 4/4

JP/jb
2-24-60

YERIPANOVA, N.F., ordinator

~~Case of leontiasis ossea.~~ Stomatologiya 37 no.5:73-74 5-0 '58

1. Iz chelyustno-litseвого отделения Rosovskogo oblastnogo
gospitalya dlya invalidov Otchestvennoy voyny (nachal'nik
V.A. Skal'skiy).
(HEAD--DISE/SES)

YEPIFANOVA, N.F.

Facial injury in peace time. Stomatologiya 40 no.3:70 My-Je '61.
(MIRA 14:12)

1. Iz Rostovskogo oblastnogo gosspitalya dlya invalidov Otechestvennoy
voyny (nachal'nik P.T.Ivanov).
(FACE—WOUNDS AND INJURIES)

TUROV, Sergey Sergeyevich; YEPILANOVA, O.I., red.; PARSADANOVA, K.G.,
red.isd-va; SHLYK, M.D., tekhn.red.

[Life of birds] Zhizn' ptits. Moskva, Gos.izd-vo "Sovetskaya
nauka," 1958. 193 p. (MIRA 12:3)
(Birds)

YEPIFANOVA, O. I.

"Effect of Disturbed Functions of the Thyroid Glands on the Growth of Transinjected Tumors in Homotransplants and Heterotransplants."
Cand Biol Sci, Inst of Experimental Biology, Acad Med Sci USSR, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

YERIPANOVA, O.I.

Effect of disorders of thyroid function on growth of transplanted tumors. Part 1: Effect of disorder of thyroid function on the growth of transplanted tumor following homotransplantation. Biul. eksp.biol. i med. 37 no.4:59-63 Ap '54. (MLRA 7:7)

1. Iz laboratorii nasledstvennosti (sav. kandidat biol. nauk L.A.Kalinichenko) Instituta eksperimental'noy biologii (dir. prof. I.N.Mayskiy) AMN SSSR, Moskva.

(NEOPLASMS, experimental,

*Ehrlich mouse carcinoma, eff. of methyl thiouracil on growth after homotranspl.)

(THIOURACIL, derivatives,

*methyl thiouracil, eff. on Ehrlich mouse carcinoma growth after homotranspl.)

YEPIFANOVA, O.I.

Effect of disorders of thyroid function on the growth of transplanted tumors. Biul. eksp. biol. i med. 37 no. 5: 57-60 My '54.
(MLRA 7:7)

1. Iz laboratorii nasledstvennosti (zav. I.A. Kalinichenko) Instituta eksperimental'noy biologii (dir. prof. I.N. Mayskiy) AMN SSSR, Moskva.

(NEOPLASMS, experimental,
*Ehrlich mouse carcinoma, eff. of thyroid antag. on
growth of transpl. tumor)

(THYROID ANTAGONISTS, effects,
*on Ehrlich mouse carcinoma after transpl.)

(TRANSPLANTATION,
*Ehrlich mouse carcinoma, eff. of thyroid antag. on
transpl. tumor)

YERIPANOVA, O.I.

Characteristics of growth of Ehrlich adenocarcinoma and its relation to the site of implantation. Biul.eksp.biol. i med. 42 no.11:55-57 (MIRA 10:1)
N '56.

1. Is laboratorii gistofiziologii (av. - kandidat biologicheskikh nauk V.N.Dobrokhotov) Instituta eksperimental'noy biologii (dir. - prof. I.N.Mayskiy) AMN SSSR. predstavleno deystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.

(NEOPLASMS. experimental.

Ehrlich tumor, relation of growth to site of implantation (Rus))

USSR/General Problems of Pathology - Tumors. Immunity.

U.

Abs Jour : Ref Zhur - Biol., No 21, 1950, 98193

Author : Yepifanova, O.I., Smolenskaya, I.I.

Inst :

Title : Growth of Ehrlich's Adenocarcinoma by Simultaneous and Diverse Inoculation of 2 Tumors into Different Parts of the Body.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 4, 90-93

Abstract : 0.2 ml of ascitic fluid of Ehrlich's carcinoma was introduced subcutaneously into mice, simultaneously into the fore and hind legs of one side or into the fore and hind legs of opposite sides. A faster growth of the tumor of the foreleg was noted. In the case of analogous inoculation with an interval of 10-15 days, a difference in growth of the tumor, depending on the place of inoculation, was not noted. -- K.P. Markuze

Card 1/1

YEPIFANOVA, O.I., SMOLENSKAYA, I.N.

Relation of the growth of Ehrlich's adenocarcinoma to reimplantation in various parts of the body. Biul.eksp.biol. 1 med. 45 no.2:103-104 (MIRA 11:5) 1958.

1. Iz laboratorii gistofiziologii (sav. - kand.biol.nauk V.N. Dobronkhotov) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayskiy) AMN SSSR, Moskva.
(NEOPLASMS, experimental,
Ehrlich tumor, reimplantation (Rus))

YEPIFANOVA, O.I.
EXCERPTA MEDICA Sec 3 Vol 13/5 Endocrinology May 59
APPROVED FOR RELEASE: 09/01/2001

998. MITOTIC ACTIVITY IN THE UTERINE MUCOSA AT VARIOUS STAGES OF THE SEXUAL CYCLE OF MICE (Russian text) - EPIFANOVA, O. I. Inst. of Exp. Biol., USSR Acad. of Med. Scis, Moscow - BYULL. EKSPER. BIOL. I MED. 1958, 46/11 (113-117) Graphs 1
The mitotic activity of the epithelium of the uterine mucosa in mice differs at various stages of the oestrous cycle and may be expressed by a double-peaked curve with the maximum cellular divisions in pro-oestrous and the initial stage of dioestrus. The changes in the mitotic activity coincide in time with the morphological reconstructions of the mucosa at various stages of the oestrous cycle.

Lab of Histophysiology

YEPIFANOVA, O.I.

Mitotic activity of the uterine epithelium in mice in various stages of pregnancy. Biul.eksp.biol.i med. 48 no.9:120-124 8 '59. (MIRA 13:1)

1. Iz laboratorii gistofiziologii (zaveduyushchiy - kand.biolog.nauk V.N. Dobrokhotov) Instituta eksperimental'noy biologii (direktor - prof. I.N. Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR N.N. Zhykovym-Verezhnikovym.

(UTERUS anat. & histol.)

(PREGNANCY physiol.)

(CELL DIVISION)

YERIPANOVA, O.I.

Effect of folliculin and progesterone on the mitotic activity of
the uterine epithelium in mice. Biul. eksp. biol. i med. 48 no.12:
96-100 D '59. (MIRA 13:5)

1. Iz laboratorii gistofiziologii (zav. - kand. biol. nauk V.N.
Dobrokhotoy) Instituta eksperimental'noy biologii (dir. - prof.
I.N. Mayskiy) AMN SSR, Moskva. Predstavlena deystvitel'nym chlenom
AMN SSSR N.N. Zhukovym-Verezhnikovym.
(PROGESTERONE pharmacol.)
(ESTROGENS pharmacol.)
(CELL DIVISION pharmacol.)
(UTERUS pharmacol.)

YEPIFANOVA, O.I.

Analysis of the action of repeated estrone injections on the mitotic activity of the uterine epithelium in mice. Biul. eksp. biol. i med. 51 no.3:102-105 Mr '61. (MIRA 14:5)

1. Iz laboratorii gistofiziologii (zav. - kand.biologicheskikh nauk V.N.Dobrokhotoy) Instituta eksperimental'noy biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena doystvitel'nym chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.
(UTERUS) (ESTROGENS) (CELL DIVISION (BIOLOGY))

YEPIFANOVA, O.I.; ZOSIMOVSKAYA, A.I.; LOMAKINA, L. Ya; GRUSHINA, N.V.;
SMOLENSKAYA, I.N.

Comparative study of the duration of mitosis and interkinesis
in tissues of mice with the aid of colchicine and irradiation.
Biul. eksp. biol. i med. 55 no.1:96-100 Ja'63. (MIRA 16:7)

1. Iz laboratorii eksperimental'noy tsitologii i tsitokhimii
Instituta radiatsionnoy i fiziko-khimicheskoy biologii (dir.
akademik V.A.Engel'gardt) AN SSSR Moskva. Predstavlena dey-
stvitel'nym chlenom AMN SSSR V.A.Engel'gartom.

(KARYOKINESIS) (COLCHICINE—PHYSIOLOGICAL EFFECT)
(RADIATION—PHYSIOLOGICAL EFFECT)

GIBADULIN, R.A.; BELOUSOV, I.V.; SHABADASH, A.L.; YEPIFANOVA, O.I.;
CHERIVOVA, I.A.; ZALETAYEVA, T.A.; TIKHOMIROV, V.N.

Brief news. Biul. MOIP. Otd. biol. 69 no.1:145-156 Ja-P '64.
(MIRA 17:4)

YEPIFANOVA, O.I.; CHUMAK, M.G.

Effect of adrenaline on the mitotic cycle of the intestinal
epithelium in mice. Tsitologiya 5 no.4:455-458 J1-'g '63.
(MIRA 17:8)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii
Instituta radiatsionnoy i fiziko-khimicheskoy biologii AN
SSSR, Moskva.

YEPIFANOVA, O.I.; KURSKAYA, M.A.; VALEYEVA, N.V.

Effect of estrone on cell division in the uterine and corneal
epithelium during incutation. TSitologiya 5 no.6:656-658
N-D '63. (MIRA 17:10)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimi
Instituta radiatsionnoy i fiziko-khimicheskoy biologii AN
SSSR, Moskva.

YEPIFANOVA, O.I.; SMOLENSKAYA, I.N.

Radioautographic study of the inhibitory action of repeated injections of estrone on cell division in the uterine epithelium of mice. Biul. eksp. biol. i med. 56 no.11:111-115 0 [i.e. N] '63. (MIRA 17:11)

1. Iz laboratorii eksperimental'noy tsitologii i tsitokhimii Instituta radiatsionnoy i fiziko-khimicheskoy biologii (dir. -- akademik V.A. Engel'gardt) AN SSSR, Moskva. Predstavlena deystvitel'nyy ohlenom AMN SSSR L.M. Shabadom.

YEPIFANOVA, O.I.

Radiographic analysis of the mitotic cycle and kinetics of a cell population in the epithelium of uterus in mice. Dokl. AN SSSR 149 no.2:424-427 Mr '63. (MIRA 16:3)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR. Predstavleno akademikom I.I. Shmal'gauzenom.

YEPIFANOVA, O.I. (Moskva, V-296, Lomonosovskiy prospekt 18, kv.360)

Study of the mitotic cycles in some epithelial tissues of mice
under the influence of estrone. Arkh.anat., gist. i embr. 46
no.4:27-37 Ap '64. (MIRA 18:5)

1. Laboratoriya eksperimental'noy tsitologii i tsitokhimii
Instituta radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR,
Moskva.

YEPIFANOVA, O.I. (Moskva)

Mechanism of the estrogen action on cellular metabolism.
Usp. sov. biol. 58 no. 1:31-51 J1-Ag '64. (MIRA 17:12)

YEPIFANOVA, Ol'ga Igorevna; PROKOF'YEVA-BEL'GOVSKAYA, A.A.,
otv. red.; IGNAT'YEVA, G.M., red.

[Hormones and cell reproduction] Gormony i razmnozhenie
kletok. Moskva, Nauka, 1965. 240 p. (MIRA 18:11)

YEPIFANOVA, V.I.

Yepifanova, V.I. "Conversion methods of a turbo-compressor for different elementary situations," Kislod, 1948, No. 5, p. 16-30

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

YEPIFANOVA, V.I., kandidat tekhnicheskikh nauk.

Spiral exit coil of the centrifugal compressor stage. Trudy VNIIDMASH
no.1:46-70 '56. (MIRA 10:1)

(Compressors)