

STAROV, I.M.; SUSHCHENKO, A.A.; ARISTOV, L.G.; ARTEM'YEV, B.N.

Industrial testing of an internal rubber mixer at the type RS No.11 during the high-speed spinning of its rotors. Kauch. i res. 20 no.1:11-12 Ja '61. (MIRA 14:3)

1. Moskovskiy institut khimicheskogo mashinostroyeniya.
(Rubber, Machinery)

PANKIN, A.V., doktor tekhn. nauk, saslushennyy deyatel' nauk i
tekhniki [deceased]; ARTEM'YEV, B.P.

Lapping tooth surfaces of hypoid gears. Avt. prom. 30
no.5:41-42 My '64. (MIRA 17:9)

1. Moskovskiy avtomekhanicheskiy institut.

ARTEM'YEV, E.P., inzh.

Improving the bearing capacity of gear wheels. Transp. stroi. 14
no.6:50 Je '64. (MIRA 18:2)

ARTEM'YEV, B.P., aspirant

Effect of machining and heat treatment on the precision of
the manufacture of hypoid gears. Izv. vys. ucheb. ziv. i na-
shinostr. no.8:155-160 '64.

(IRA 17:11)

1. Moskovskiy avtomekhanicheskiy institut.

ARTEM'YEV, B.P.

Effect of phosphate coating on the running-in of piston teeth.
Mashinostroitel' no.4:27 Ap '65. (MIRA 18:5)

L 06078-67 EWT(d)/EWT(m)/EWP(c)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(l) IJP(c) JD/DJ/GD
ACC NR: AT6030388

SOURCE CODE: UR/0000 '66/000/000/0173/0178

49
46
BT/

AUTHOR: Artem'yev, B. P.

ORG: none

TITLE: Antiseizing properties of bearing surfaces which have been parkerized and coated with solid lubricant

SOURCE: AN SSSR. Nauchnyy sovet po treniyu i smazochnym materialam. Novoye v teorii treniya (Recent developments in the theory of friction). Moscow, Izd-vo Nauka, 1966, 173-178

TOPIC TAGS: metal friction, ball bearing, solid lubricant, molybdenum disulfide

ABSTRACT: A lubricant based on molybdenum disulfide is widely used in industry. To determine the anti-wear and anti-seizing properties of such a lubricant, tests were carried out in a four-sphere machine made by the Shell Company. Tests were made on groups of spheres without coating, parkerized, and coated with a film of solid lubricant. The tests were made at a constant rotational speed of the upper sphere equal to 1420 rev/min. The load was gradually increased during the tests. The duration of the test at each load was 10 sec. The experimental results are exhibited graphically. The following conclusions were drawn: 1) the protective properties of solid molybdenum lubricant are apparent to a greater degree in the high pressure

Card 1/2

L 00175-4

ACC NR: AT6030388

region; 2) the excellent anti-seizing properties of solid molybdenum lubricants can be explained not only by the laminar structure of its crystal lattice, but by the increase in the bearing surface which results in a decrease of the specific pressure on the contact surfaces; 3) roughness of the surface, produced by parkurizing, has a positive effect on the work of the applied films, at corresponding particle sizes of the molybdenum disulfide; 4) solid molybdenum lubricants are to be recommended for use in high load friction units. Orig. art. has: 1 figure and 2 tables. 3

SUB CODE: 11/ SUEM DATE: 22Feb66/ ORIG REF: 013/ OTH REF: 02:

Card 2/2 eph

STEPCHKOV, K.A., kand. tekhn. nauk; ARTLEHVEN, B.V.

Fat losses in food concentrates caused by its pressing out during
briquetting. Trudy VNIKOP no.11:82-85 '62. (MIRA 17:9)

ARTEM'YEV, B.V.

Problem of nutrition in cosmic space. Koss. i sv. prom. 14 no.7:
34-36 J1 '59. (VIRA 12:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnyy
i ovoshchesushil'noy promyshlennosti.
(Space flight)

ARTEM'YEV, B.V.; VOLKOV., Ye.N.

Preparation of instant barley coffee. Kons.i ev. prca. 16 no.2:
19-21 F '61. (MIRA 14:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut konservnoy i
ovoshchesushil'noy promyshlennosti.
(Coffee) (Barley)

ARTEM'YEV, D.G., glav. red.; KAMENTSEV, I.V., otv. za vyp.

[Economy of Smolensk Province; statistical collection]
Narodnoe khoziaistvo Smolenskoj oblasti; statisticheski
sbornik. Moskva, Gosstatizdat, 1963. 237 p.

(MKHA 17:4)

1. Smolensk (Province) Oblastnoye statisticheskoe upravleniye. 2. Nachal'nik statisticheskogo upravleniya Smolenskoj oblasti (for Artem'yev).

ARTEM'YEV, D.I.

Clinical characteristics of glaucoma according to data from the out patient and hospital clinics of the Turkmen Institute of Trachoma and the Department of Eye Diseases of the Turkmen State Medical Institute. Trudy Turk.nauch.-issl.trakh.inst. 6:84-92 '60.
(MIRA 15:11)

(GLAUCOMA)

ARTEM'YEV, D.I.

Phosphakol and its therapeutic value in glaucoma. Trudy Turk.
nauch.-issl.trakh.inst. 6:93-106 '60. (NIRA 15:11)
(GLAUCOMA) (PHOSPHORIC ACID)

ARTEM'YEV, D.I.

Tissue therapy as a method increasing the effectiveness of
phosphakol in glaucoma. Trudy Turk.nauch.-isvl.trakh.inst. 6:107-
116 '60. (GLAUCOMA) (PHOSPHORIC ACID) (MIRA 15:11)
(TIS-SUE EXTRACTS)

ARTEM'YEV, D. I., Cand Med Sci -- "^{Experience in the} "An experiment^{ment of}" of treating
patients ~~suffering from~~ glaucoma with phosphacol under the
conditions of Turkmenistan." Ashkhabad, 1961. (Turkmen~~ian~~
State Med Inst in I. V. Stalin, Turkmen~~ian~~ Sci Res Trachoma
Inst) (KL, 8-61, 258)

ARTEM'YEV, D.V.

Three-layer panels for walls of industrial buildings. Prom.
stroil. 38 no.1:17-19 '60. (MIRA 13:5)
(Krivoy Rog--Concrete slabs) (Walls)

~~SECRET~~
ARTEM'YEV, D.Ye., inzhener; MARCHENKO, Ye.A., inzhener; POL'AK, G.I., inzhener.

Equipment for linear capacitive compensation in 110 and 220 kv. networks.
Elektrichestvo no.8:33-40 Ag '56. (MIRA 9:10)

1.Nauchno-issledovatel'skiy institut postoyannogo toka.
(Electric power distribution)

1403. EXPERIMENTAL...
 METERS (OF THE KILLOHMS)...
 RESISTANCE...
 (Electrical, Electrical, Electrical)

Two circuits were used. One circuit...
 with wide-range frequency...
 up by capacitor (backlash)...
 phase-angle and operating...
 inductance, where...
 determined by the...
 The characteristic...
 resistance (factor 0-1) of the...
 whereas instantaneous...

Electrical, Electrical, Electrical

ARTEM'YEV, D.Ye.; KRIZZHANOVSKIY, V.V.

Errors of models designed for studying internal over-voltages in
a.c. power distribution networks. Izv. NIIPY no. 6:216-237 '60.

(MIRA 14:7)

(Electric power distribution--Models)

ARTEM'YEV, D.Ye.; SHUR, S.S.

Choice of interphase insulation in networks containing higher
orders of voltages. Izv. NIPT no.7:133-147 '61. (MIRA 14:9)
(Electric power distribution--Alternating current)
(Electric insulators and insulation)

ARTEM'YEV, D.Ye.; KRYZHANOVSKIY, V.V.; SHUR, S.S.

Field testing of commutating dischargers. Isv. NIPT no.8:
229-258 '61.

(MIRA 15:7)

(Electric protection)

(Electric power distribution--Direct current)

ARTEM'YEV, D.Ye., inzh.; SHUR, S.S., kand. tekhn. nauk

Choice of interphase insulation for electric networks carrying
voltages on the higher order. Elek. sta. 32 no.1:63-69 Jd 161.
(MIRA 16:7)

(Electric insulators and insulation)
(Electric networks)

ARTEM'YEV, D.Ye., inzh.

Internal overvoltage in electric transmission lines without
cutouts on the high voltage side. Ele'.sta. 32 no.9:67-
72 S '61. (MHA 14:10)

(Electric power distribution)

ARTEMYEV, D.YE., BELYAKOV, N.N., BURGDORF, V.V., LYSAKOVSKIY, G.I.
POPOVOY, I.F., SHUR, S.S. 5

"Internal overvoltage levels in the 110-220,000 V systems."

Report to be submitted for the 19th Biennial Session, Intl. Conference
on Large Electric Systems(CIGRE), Paris, France, 16-26 May '82.

ARTEMYEV, Scientific Research Inst. of Direct Current, Leningrad
BELYAKOV, All-Union Scientific Research Inst. Electric Power
BURGDORF, Central Scientific Research Elect. Engineering Lab., Min. Elect.
Power Stations, USSR
LYSAKOVSKIY, Donbass Regional Elect. Power Admin.
POPOVOY, none given
Shur, Scientific Research Inst. of Direct Current, Leningrad 4

ARTEM'YEV, D.Ye., inzh.; BEZYAKOV, N.N., kand.tekhn.nauk; BURGISDORF, V.V.,
doktor tekhn.nauk; SHUR, S.S., kand.tekhn.nauk

Internal overvoltage levels in 110 and 220 kv. electric power
distribution networks. Elek.sta. 33 no.11:43-48 + '62.
(MIRA 15:12)
(Electric power distribution)

ARTEM'YEV, D.Ye., inzh.; KRYZHANOVSKIY, V.V., inzh.

Prospects of using a commutating discharger with air arc
quenching. Elek. sta. 34 No.8:45-53 Ag '63. (MIRA 16:11)

ARTEM'YEV, D.Ye., insh. (Leningrad)

Statistical coordination of the levels of phase and inter-phase insulation taking into account the effects of switching surges. Elektrichestvo no.2:18-23 F '64, (MIRA 17:3)

ARSEM'YEV, D.Ye., inzh., KRYZHANOVSKIY, V.V., inzh.

Characteristics of the idle operation of power transformers.
Elek. sta. 35 no.5:43-46 My '64. (MIRA 17:8)

ARTEM'YEV, Dmitriy Yegorovich; TIKHODRYEV, Nikolay Nikolaevich;
SHUR, Solomon Saulevich; SHCHEKURIN, N.N., nauchn. red.,

[Statistical principles of the selection of the insulation of power transmission lines with potentials of a high order; switching surges and electrical characteristics of insulation] Statisticheskie osnovy vybora izoliatsii linii elektroperedachi vysshikh klassov napriazhenia; kommutatsionnye perenapriazhenia i elektricheskie kharakteristiki izoliatsii. Moskva, Energiia, 1965. 375 p. (MIRA 18:5)

ARTEM'YEV, D.Ye., inzh. (Leningrad)

Statistical coordination of the levels of phase and interphase
insulation according to switching surges. *Elektrichestvo* no.8:
67-74 Ag '65. (MIRA 18:9)

ARFEM'YIV, F.A.

Order of granting scheduled and supplementary vacations. Fel'd. i skush.
no.6:58-59 Je '59.

(MLSA 6:7)

(Vacations, Employee)

ARTEM'YEV, F.A.; SEBTEVSKIY, A.I., redaktor; GLUKHOTOVA, G.A.,
tekhnicheskiy redaktor.

[Labor regulation of medical workers] Regulirovanie truda medi-
tsinskikh rabotnikov. Moskva, Gos. izd-vo med. lit-ry, 1954, 197 p.
(Medical service employees) (MLWA 7:8)

ARTEM'EV, F.A.

BYCHKOV, I.Ya.

"Labor regulations for medical workers." F.A.Artem'ev. Reviewed by
I.Ia.Bychkov. Sov. zdraz. 13 no.5:57-58 S.O 194. (NLRA 7:12)
(MEDICAL SERVICE EMPLOYEES)
(ARTEM'EV, F.A.)
(MEDICAL LAWS AND LEGISLATION)

ARTEM'YEV, F.A.

[Legislation on administering public health services of the U.S.S.R.]
Zakonodatel'stvo po upravleniu zdравoохранением SSSR, Moskva,
1955. 43 p. (MIRA 9:6)

(MEDICAL LAWS AND LEGISLATION)

ARTEN'YEV, Fedor Andreyevich; KIBKEL'EV, M.S., redaktor; VINOGRADOV, M.A.,
redaktor; ZHUKOV, G.I., redaktor; YEFIMOVICHIN, V.P., redaktor;
YEVDOKIMOVA, Z.N., tekhnicheskiy redaktor.

[Periods of work and rest] Rabochee vremia i vremia otdykh.
Moskva, Gos.isd-vo meditsinskoi lit-ry, 1955. 47 p. (Sibiloteka
vrache-organizatora. Lektsii po organizatsii zdorovokhraneniia
dlia vrachei. Zakonodatel'stve po upravleniiu zdorovokhraneniem
i trudu meditsinskikh rabotnikov, lektsiia 3) (MLRA 8:11)
(Hours of labor)

ARTKULIN, E.A.; KROEL'N, N.S., redaktor; VINOGRADOV, N.A., redaktor.
ZHUKOV, G.I., redaktor; YEFIMOVICHKIN, V.P., redaktor; YEVDOKIMOVA,
Z.N., tekhnicheskii redaktor.

[Wages, guarantees and compensations] Oplata truda, garantii i
kompensatsii. Moskva, Gos.izd-vo med.lit-ry, 1955. 86 p.
(Biblioteka vracha-organizatora. Lektsii po organizatsii zdoravo-
okhraneniia dlia vrachi. Zakonodatel'stvo po upravleniiu zdoravo-
okhraneniem i trudy meditsinskikh rabotnikov, lektsiia 4)
(Wages) (LIBA 8:11)

~~ARTEM'YEV, P.A.~~

Consultation. Zdrav. Ros. Feder. 2 no.2:46-48 1' '58. (MIRA 11:3)
(MEDICAL PERSONNEL)

ARTEM'YEV, Fedor Andreyvich; KUZNETSOVA, N.I., red.; ANDREYEVA, L.S.,
tekhn. red.

[Labor organization of sanatorium and health resort workers]
Organizatsiia truda rabotnikov sanatorno-kurortnykh uchrezh-
denii. Moskva, Profisdat, 1962. 206 p. (MIRA 16:5)
(MEDICAL PERSONNEL)

ARTEM ~~EV~~, G.I. (Kuybyshev)

Chemistry problems on reactions with an excess of one of the reagents.
Khim. v shkole 10 no.5:39-41 S-O '55. (MIRA 8:11)
(Chemistry--Problems, exercises, etc.)

ARTEM'YEV, G.I. (g. Kuybyshev)

Utilizing fiction in teaching chemistry. Khim. v shkole. no.2:69-72
Mr-Ap '58. (MIRA 11:3)
(Chemistry--Study and teaching)

PREOBRAZHENSKIY, N.A., kand.khim.nauk (Byasan'); ARTEM'EV, G.I.,
uchitel' khimii

Increase the responsibility for scientific, atheistic training of students ("Chemistry and scientific and Atheistic education. Reviewed by N.A.Praobrazhenskii, G.I.Artem'ev).
Khim. shkole 14 no.5:81-84 S-O '59. (MIRA 12:12)

1. Srednyaya shkola No.8) g.Kybyshova.
(Chemistry) (Religion)

ZENIN, B.A., dotsent; ARTEM'YEV, G.N.

Result of the treatment of psoriasis arthropathica. Vest. darn.
i ven. 33 no.2:63-65 Mr-Apr '59. (MIRA 12:7)

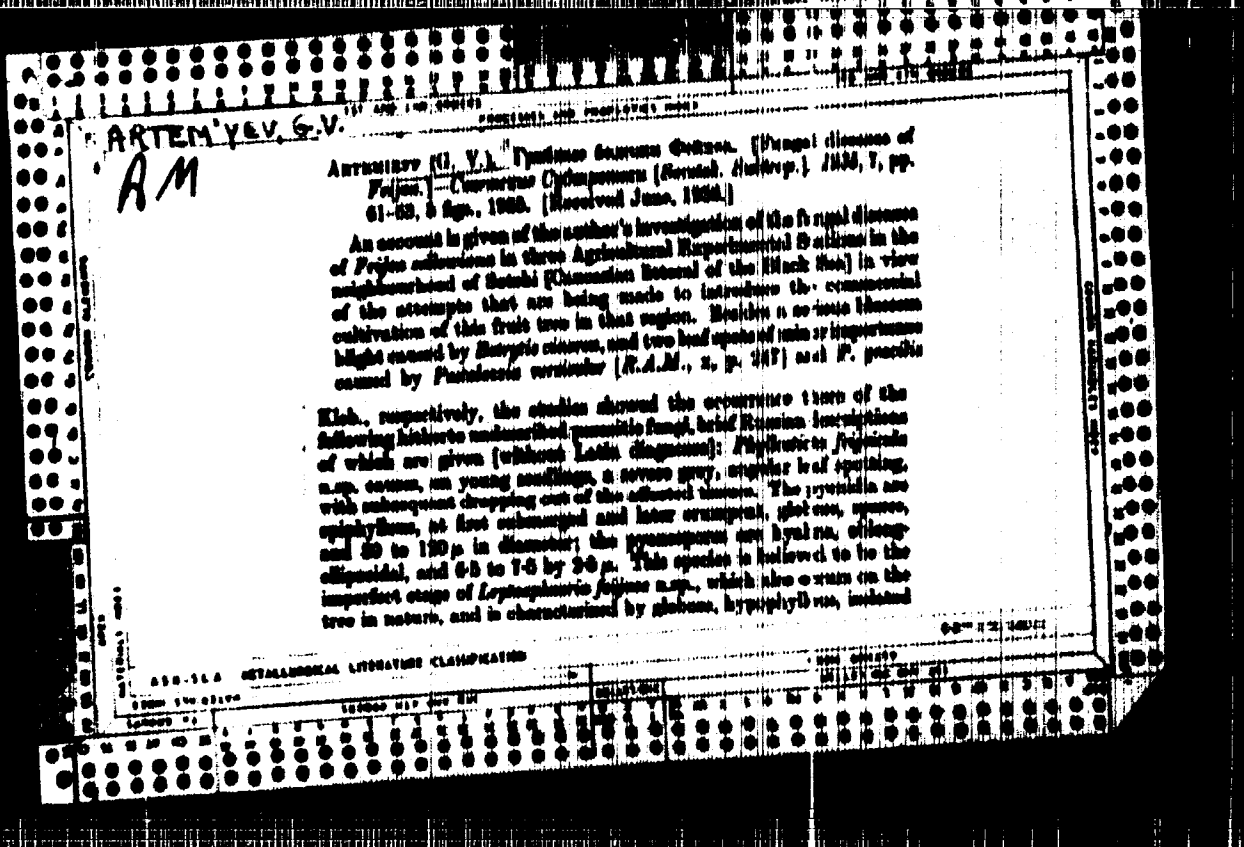
1. Iz kliniki koshnykh i venericheskikh bolezny (nav. - prof. A.S.
Zenin).

(PSORIASIS, ther,
ammonium chlorate with x-rays in arthropathic form (Rus))
(RADIOTHERAPY, in var. dis.
psoriasis arthropathica, with ammonium chlorate (Rus))
(AMMONIUM COMPOUNDS, ther. use,
ammonium chlorate in psoriasis arthropathica, with
x-rays (Rus))

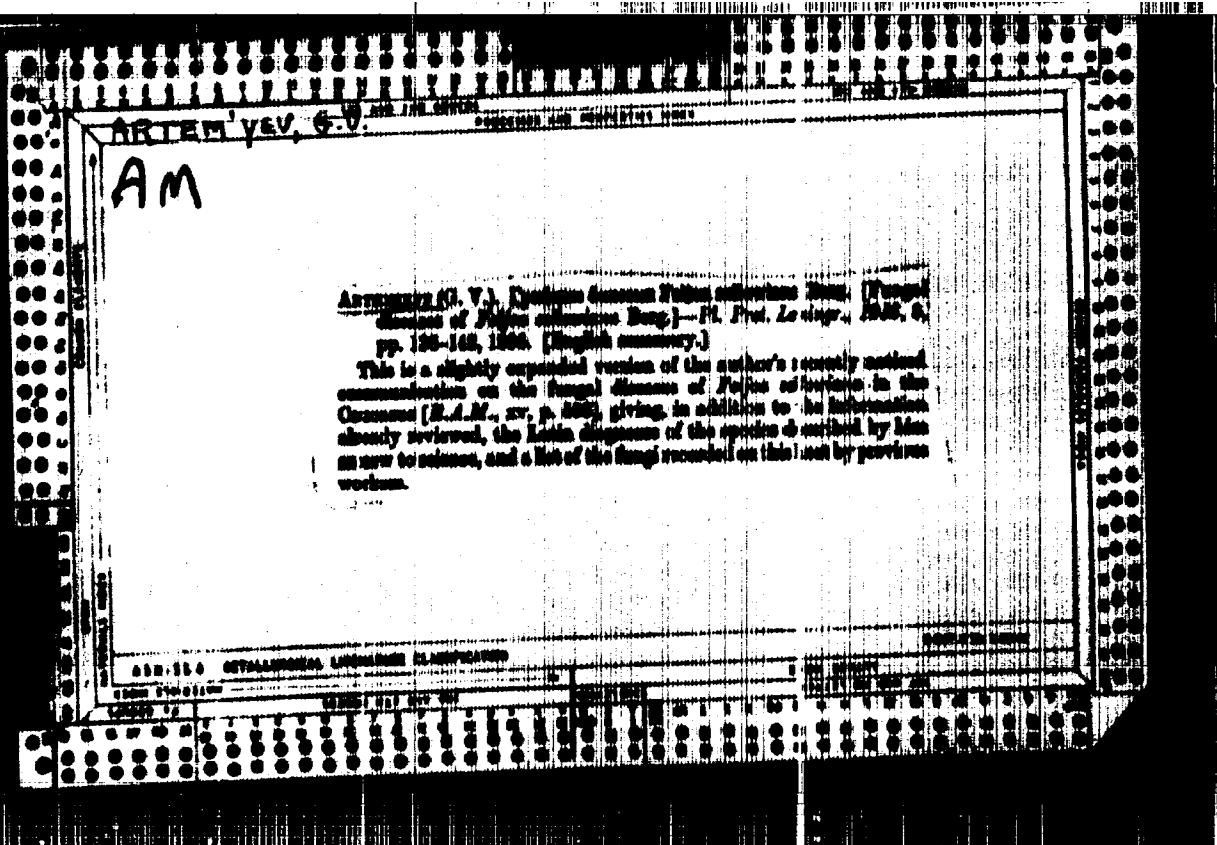
ARTEM'YEV, G.M.; MAKIYENKO, M.A., dotsent

Combined method for the treatment of chronic salivary fistulae by
X rays and electrocoagulation. Vest.rent.i.rad. 34 no.6:78-80
M-D '59. (MIRA 13:5)

1. Is kafedry rentgenologii i radiologii (sav. - prof. Ye.L. Kovesh)
i kafedry gospital'noy khirurgii (sav. - prof. A.M. Anuev) Kyby-
shevskogo meditsinskogo instituta.
(SALIVARY FISTULA ther.)
(ELECTROCOAGULATION)



or aggregate, submerged perithecia, 100 μ in diameter. The asci are cylindrical, sometimes slightly bent, 35 to 40 by 7 to 7.5 μ , and surrounded by a few paraphyses. The ascospores (eight) are olive-coloured, spindle-shaped, pointed at both ends, 3- to 4-septate, and 14 to 18 by 2.5 to 3 μ . *P. fulvum* n.sp., causing a grey, circular leaf spot, has chiefly epiphyllous, at first subepidermal and later erumpent, pyrenidia 60 to 120 μ in diameter. The pyrenospores are ellipsoidal, reticulate, and 3-7 to 5-6 μ . The asexual stage of this fungus is apparently *Mycophthora fulvum* n.sp., with hyphophyllum (mainly epiphyllous), crowded, globose, perithecia, 70 to 80 μ in diameter; the asci are cylindrical-clavate, rounded at the apex, slightly curved, with eight unicellate, spindle-shaped, smooth, greenish ascospores measuring 10 by 3 μ . *Phoma fraxinifolia* n.sp., the cause of a die-back of twigs, has flattened, oblong-oval, subepidermal and later erumpent pyrenidia, 150 by 250 μ , and hyaline pyrenospores measuring 3 to 5 by 1 μ . This list is admittedly not exhaustive.



ARTEM'YEV, G. V.

ARTEM'YEV, G. V. "Transmission of Virus Disease of Seed Cabbage During Trans-
planting." Mikrobiologiya, vol. 18, no. 2, 1949, pp. 176-180. 441.3 M582

SO: SIRA, SI 90-53, 15 Dec. 1953

ARTEM'YEV, G. V.

ARTEM'YEV, G. V. "Belting of Cabbage Seed Plants,"

Sad i Ogorod, no. 5, 1950, pp. 39-42. 80 Sa13

SO: SIRA, SI 90-53. 15 Dec. 1953

ARTEN'EV, G.V., starshiy agronom sovkhosa.

"Cultivation of vegetable plants under fluorescent lamps,"
V.M. Leman; "Utilisation of electric light for the cultivation
of early vegetables," V.P. Goncharov. (Reviewed by G.V. Arten'ev).
Fiziol.rast. 3 no.5:490-492 8-0 '56. (MLRA 9:12)

(Plants, Effect of light on)
(Leman, V.M.) (Goncharov, V.P.)
(Vegetable gardening)

ARTEM'YEV, G.V., gorod Noril'sk, Krasnoyarskiy kray.

Electrohorticulture of vegetables in the Arctic regions. Priroda
45 no.9:100-102 8 '56. (MIRA 9:10)
(Electrohorticulture) (Arctic regions--Vegetable gardening)

USSR/Cultivation of plants - F. titles, Author last, Initials.

H-5

Abs Jour : Trudy - Biol., No 9, 1958, 39323

Author : Antonov, G.V.

Inst : -

Title : Tomato Cultivation in the Trans-Felar Region.

Orig pub : Sad Ogrod, 1957, No 5, 18-21

Abstract : The results of experiments in tomato hybridization in the Huzil'skiy sovkhos of the Taganr National Okrug (District) in 1950-1955 are given. By grafting and interbreeding the Gantovyy rapid ripening variety with the Solanasi puzic wild tomato (sic), a hybrid was obtained. From this hybrid, by multiple selection and directed breeding with seed hardening, the Hybrid 337 variety was grown in 1953. This variety is frost-hardy (minus 1.5-2° centigrade). It grows in an open ground and produces a crop in the first ten days of September. -- V.S. Shal'ko

Card 1/1

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ARTEM'EV, G.V.

Basic problems of the development of vegetable gardening under glass in the Far North. Probl. Sev. no.6:164-171 '62.

(MIRA 16:8)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
Kraynego Severa Ministerstva sel'skogo khozyaystva RSFSR.

(Russia, Northern---Vegetables)

(Russia, Northern---Greenhouse management)

ANANCHENKOV, G.; ARTEM'YEV, I. ; MEYEROVICH, L.

Developing a group wage system in mixed brigades. *Sov. trud.*
5 no.8:108-112 Ag '60. (MIRA 13:11)

1. Nachal'nik otdela organizatsii truda i narebotnoy platy kombinata "Vorkutugol'" (for Ananchenkov). 2. Nachal'nik otdela organizatsii truda shakhty No.40 kombinata "Vorkutugol'" (for Artem'yev). 3. Nachal'nik planovogo otdela shakhty No.40 kombinata "Vorkutugol'" (for Meyerovich).
(Vorkuta--Coal mines and mining)
(Wage payment systems)

ARTEM'YEV, I.; IVANITSAY, V.Yu., red.; ATROSHCHENKO, L.Ye., tekhn.
red.

[Radio echo] Radicekbo. Moskva, Izd-vo "Znanie," 1962. 46 p.
(Narodnyi universitet kul'tury: Estestvenno-nauchnyi fakul'tet,
no.4) (MIRA 15:6)

(Radar)

ARTEM'YEV, I.; SHUSTOVA, I.B., red.; RAKITIN, I.T., tekhn. red.

[Radio physics in our lives; physical principles of radio electronics, various applications of radio systems] Radio-fizika v nashei zhizni; fizicheskie osnovy radioelektroniki, razlichnye primeneniya radiotekhnicheskikh ustroystv. Moskva, Izd-vo "Znanie," 1964. 144 p. (Narodnyi universitet kul'tury Estestvennonauchnyi fakul'tet, no.1-2)

(MIRA 17:2)

ACCESSION NR: AF5000725

8/0018/04/000/112/0004/0085

AUTHOR: Leonov, I. (Lieutenant); Arsen'yev, I. (Lieutenant)

TITLE: Shelter construction by a section

SOURCE: Voyennyye nauki, No. 12, 1964, pp. 1-4

ABSTRACT: Small subunits (crew, team sections) perform an important role in engineering missions, therefore their training is very important. Training in the assembly of a corrugated steel shelter is begun with a study of its technical and tactical characteristics, protective properties, and the purpose and location of internal facilities. Demonstrations in the assembly and disassembly of the shelter and its facilities follows. The second class-period is 1 hour long and deals with the engineer construction area. The section is divided into 2 teams: one team of 3 men, assembles the entrance frame and the other team, of 4 men, assembles the shelter. A K-32 vehicular crane is used to lower the shelter into the pre-dug hole. Team 1 insulates the entrance with a layer of rubberoid or paraffin while Team 2 installs a ventilator filter device, a stove, and bunk. Ventilation pipes are installed and earth is filled around the shelter. After last: 1. article work is

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ACCESSION NR: AF5000725

completed, its air sealing is checked and the work of the team is evaluated. The first test is usually conducted during daylight and in the sequence described; however, earth-digging machines or explosives are used to dig the trench. Further tests are held at night under tactical conditions and 2 or 3 units are assembled in a single test.

ASSOCIATION: none

SUBMITTED: 00

NO. OF

NO. OF

NO REP NOV: 000

ORDER: 100

ARTER' YEV, Igor' Artem'yevich, IZVESHENIYA, S.S., otv.red.; SPAGIB, S.I.,
otv.red.; MOLOKANOVA, N.A., tekhn.red.

[Artificial earth satellites] Izkusstvennyi sputnik zemli. Moskva,
Zos. izd-vo detskoi lit-ry Mova prosv. S.S.S.R., 1953. 133 p.
(Shkol'naya biblioteka) (MIRA 11:8)
(Artificial satellites)

29(0)

PHASE I BOOK EXPLOITATION

SOV/2415

Artem'yev, Igor' Artem'yevich

Pervyi iskusstvennyy sputnik solntsa (First Artificial Sun Satellite) Moscow, Detgiz, 1959. 62 p. (Series: Puteshestviye v semiletku) 75,000 copies printed.

Resp. Ed.: N.M. Berkova; Tech. Ed.: Z.V. Tishina.

PURPOSE: This booklet is intended for young readers.

COVERAGE: This booklet discusses the various aspects of space flight. No personalities are mentioned. There are no references.

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IS/ec
10-16-59

ARTEM'YEV, I.A.; BERKOVA, N.M., etv.red.; SMAGIN, N.I., etv.red.;
PROZOROVSKAYA, R.I., tekhn.red.

[Radar in everyday use] Radni radiolokatsii. Moskva, Gos.
isd-vo det'skoi lit-ry N-va prosv. REPER, 1960. 286 p.
(MIRA 14:4)

(Radar)

ARTEM'YEV, I.M.; YUZEFOVICH, N.I., inzh.-mekhanik

Hauling away of rails along the track area. Put' i put.khos. 5
no.4:34 Ap '61. (MIRA 14:7)

1. Nachal'nik oddela puti Bogotol'skogo otdeleniya Krasnoyarskoy
dorogi (for Artem'yev). 2. Stantsiya Bogotol, Krasnoyarskoy dorogi
(for Yusefovich).

(Railroads--Maintenance and repair) (Cranes, derricks, etc.)

KROMICHEV, V.A.; SAMOYLENKO, V.A.; KOROBAN', G.I., inzh.-mekhanik;
ARTEM'YEV, I.M.; KOLESNIKOV, G.A.

Letters to the editor. Put' i put.khos. 5 no.4:17 Ap '61.

(MIRA 14:7)

1. Dorozhnyy master st. Magnetity, Oktyabr'skoy dorogi (for Kromichev).
2. Zamestitel' nachal'nika distantai puti, st. Belorechenskaya, Severo-Kavkasskoy dorogi (for Samoilenko).
3. Stantsiya Belorechenskaya, Severo-Kavkasskoy dorogi (for Koroban').
4. Nachal'nik otdela puti dorogi, stantsiya Bogotol, Krasnoyarskoy dorogi (for Artem'yev).
5. Nachal'nik sluzhby puti tresta Sveshinantratsit, g. Sveshnoye (for Kolesnikov).

(Railroads)

ARTEM'YEV, I.M.; GROKHOVSKAYA, A.P., inzh.

We doubled the production during the "interval." Puti i put.khos.
8 no.4:21-22 '64. (MIRA 17:4)

1. Nachal'nik Kurskoy distantzii Moskovskoy dorogi (for Artem'yev).
2. Kurskaya distantsiya Moskovskoy dorogi (for Grokhovskaya).

ARTEM'YEV, I.M.

Improve the ShchOM-D ballast cleaner. Put' 1 pr. khos. 8 no. 31
23 '64. (NIRA 1793)

1. Nachal'nik Kurskoy distantzii puti, Moskovskoy dorogi.

KOLCHITSOV, Yuriy Viktorovich; DUKHOPEL, Ivan Ivanovich;
INVUSHIN, Aleksey Ivanovich; ARTEM'YEV, Igor'
Vasil'yevich; YAKUSHEV, A.I., doktor tekhn. nauk,
prof., retsenzent; GORDON, G.G., inzh., red.

[Optical instruments for measuring linear and angular
dimensions in the manufacture of machinery; a reference
book] Opticheskie pribory dlia izmereniia lineinykh i
uglovykh velichin v mashinostroenii; spravochnaya kniga.
Moskva, Mashinostroenie, 1964. 254 p. (MIRA 1'610)

С. А. Мельников

Forms of the scoop of a tractor-mounted shovel. Mekh. stroi. 9, No. 5, 1952

SO: MLRA, August, 1952

after Nov. 11, 1951; RENOV, I. I.

Road Machinery

Road building machinery. Mekh. stroi. 9 No. 6, 1952

9. Monthly List of Russian Accessions, Library of Congress, September 1951, Uncl.
2

ARTEM'YEV, K. A.

ARTEM'YEV, K. A. -- "Effect of the Longitudinal Section of the Scraper
Shovel on Filling Resistance." * (Dissertations
For Degrees In Science and Engineering Defended
at USSR Higher Educational Institutions.) (30)
Min Culture USSR, Moscow Automobile Road Inst
imeni V. M. Molotov, Omsk, 1954

SO: Knizhnaya Letopis' No 30, 23 July 1955

* For the Degree of Candidate in Technical Sciences.

ARTAM'INV, K.A., kandidat tekhnicheskikh nauk.
~~_____~~

Lateral profile of a scraper bucket. Mekh.stroi. 13 no.9:18-22
Jl '56. (MLRA 9:11)
(Scrapers)

ARTEM'YEV, K.A., kandidat tekhnicheskikh nauk.

Methods for designing the most efficient scraper buckets.
Stroi.i dor.mashinostr. 2 no.7:21-23 J1 '57. (MLRA 10:7)
(Scrappers)

ARTEM' YEV, K.A., dots., kand. tekhn. nauk

Resistance to filling of scraper buckets. Trudy Sib. vvt.-der.
inst. no. 6:103-111 '57. (MIRA 12:2)
(Scrapers)

ARTEM' YEV, K.A., kand. tekhn. nauk

Effect of the bucket height (filling) on the specific resistance
to filling. Trudy Sib. avt.-dor. inst. no. 6: 113-118 '57.

(MIRA 12:2)

(Scrapers)

ARTEM'YEV, K. A., dotsent, kand. tekhn. nauk

Optimum correlation of the basic dimensions of scraper
buckets for various types of ground. Sbor. trud. MISI no.39:
275-284 '61. (MIRA 16:4)

1. Sibirekiy avtodorozhnyy institut.

(Scrapers)

ARTEM^YKV, K.A., kand. tekhn. nauk

Design of the bowls of new hitched scrapers. Str. 1. 1 dor.
mash. 7 no. 4:11-12 Ap '62. (MIRA 16:7)

(Scrapers—Testing)

ARTEM'YEV, K.A.; DOMBROVSKIY, N.G., doktor tekhn. nauk, retsenzent;
CHURMANOVA, V.V., tekhn. red.

[Principles of the theory of digging soil with scrapers] Osnovy
teorii kopaniia grunta skreperami. Moskva, Mashgin, 1963. 126 p.
(MIRA 16:6)

(Earthwork) (Scrapers)

ALEKSEYEVA, T.V., kand. tekhn. nauk; ARTEM'YEV, K.A., kand. tekhn. nauk; BROMBERG, A.A., prof.; VOITSEKHOVSKIY, R.L., inzh.; UL'YANOV, N.A., kand. tekhn. nauk; Prinsipal uchastnye KONONENKO, M.A., inzh.; FEDOROV, D.I., kand. tekhn. nauk, retsenzent.

[Machines for earthwork; theory and calculation] Mashiny dlia zemlianykh rabot; teoriia i raschet. [By] T.V. Alekseeva i dr. Izd.2., perer. i dop. Moskva, Izd-vo "Mashinostroenie," 1964. 467 p. (MIRA 17:5)

ARTEM'YEV, M., inzh.

Things we could learn from them. Posh.delo 6 no.5:11 Ky '60.
(MIRA 13:8)

1. Kuybyshevskiy sovnarkhoz.
(Kuybyshev Province--Factories--Fires and fire prevention)

ARTEM'YEV, M.; TARAKANOV, Yu.

In the bowels of the earth. Radio no.8:7-10 Ag '60.

(Earth--Internal structure)

(MIRA 13:9)

ARTEM'YEV, M.I., inzh.

Mechanized removal of coal dust in fuel-handling sections. Elek.
sta. 31 no.9:5-6 S '60. (MIRA 14:10)
(Electric power plants)

ARTEM'YEV, M.I., insh.; TALIYEV, V.N., doktor tekhn.nauk

Aeration of the main buildings of thermal electric plants.
Vod.i san.tekh. no.4:21-24 Ap '63. (MIRA 16:4)
(Electric power plants--Ventilation)

ARTEN'YEV, M. L.

PA 31/49276

"The Journal Has Helped (On Professor A. I. Kostenko's
 Article, 'To Drive Out the Gadfly Maggot From a Horse's
 Stomach')," M. L. Arsen'yev, Head of Karachevskiy
 Zoovet Region, Kozlovskiy Rayon, Chuvashsk AССР. 2 2
 "Veterinariya" No 6
 See "Veterinariya" No 10 - 11, 1946, for subject
 article by Prof A. I. Kostenko. Arsen'yev corroborates
 effectiveness of method. Same issue has article by Do-
 cent G. S. Masarov, "Therapeutic Cleansing of Large-
 Horned Cattle With Sulfur Dust." This method also
 has proved effective.

ARTEM'YEV, M.V.; UDALOV, P.I.

High-speed thyatron protection of the plate circuits of radio transmitters. Vest. svyazi 21 no.6:7-9 Ja '61. (MIRA 1/49)

1. Nachal'nik smeny radiotsentra Moskovskoy direktcii radio-svyazi i radioveshchaniya (for Artem'yev. 2. Inzhener generator-nogo sala Moskovskoy direktcii radio-svyazi i radioveshchaniya (for Udalov).

(Radio--Transmitters and transmission)

ARTEM'YEV, M.Ye.; TARAKANOV, Yu.A.

Gravimetric observations in a mine of the Krivoy Rog Basin.
Razved. i prom. geofiz. no.38:18-23 '60. (KIRA 14:3)
(Krivoy Rog Basin--Gravity prospecting)

5/169/83/030/002/656/027
2263/1307

AUTHOR: Antonov, V. I.
TITLE: Some regularities in the distribution of isostatic anomalies in the region of Alpine folded structures of Western Europe

PERIODICAN: Referativnyi zhurnal, Geofizika, no. 2, 1963, 25, abstract 20155 (Izv. Akad. Nauk. Ser. geol., 1962, no. 9, 58-66)

TEXT: A number of regularities are observed in the distribution of isostatic anomalies connected with the Alpine structures of Western Europe and the Mediterranean. An overcompensation of leading depressions and mountain slopes inclined towards them was established for all folded structures considered in the present work, whilst opposite slopes and adjoining central massifs are not compensated. An increase in anomalies is noted with increasing curvature of the mountain arc. It is suggested that isostatic disturbances are connected with contemporaneous tectonic activity. In connection with this the author explains the relations of isostatic anomalies with
part 1/2

Some regularities in ...

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1263/0507

such tectonic phenomena as volcanism and earthquakes. It appears that these relations are similar to those known for oceanic island arcs. A suggestion is made that the negative anomalies of leading depressions are connected with outflow of subducting material whilst positive anomalies may be explained by volume changes and ingress of additional masses of material. The Mediterranean basin is resolved into two parts on the basis of the character of the anomalies. The eastern region is one of leading depression, bounding the Alpine geosyncline in the south; western Mediterranean apparently originated by the subsidence of central masses. 20 references.

[Abstracter's note: Complete translation.]

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ARTEM'YEV, M.Ye.

Gravity anomalies and seismicity in Western Europe and the
Mediterranean Sea region. Izv. AN SSSR. Ser.geofiz. no.2:
309-318 F '63. (MIRA 16:3)

1. Institut fiziki Zemli AN SSSR.
(Europe, Western--Gravity anomalies)
(Mediterranean region--Gravity anomalies)
(Europe, Western--Seismology) (Mediterranean region--Seismology)

AUTHOR:

Artemyev, V. I. Approximate calculation of the isostatic correction and the isostatic state of the Antarctic

TITLE:

Akademiya nauk SSSR. Izvestiya. Seriya geofizicheskaya, no. 2, 1967, 345-348.

PERIODICAL:

TEXT: A brief discussion of an indirect method proposed by Andreyev (Dokl. AN SSSR, 159, no. 1, 1961; Izv. AN SSSR, Ser. Geofiz., no. 3, 1962) of estimating the isostatic correction δ_1 from the height (depth) of the point of observation h , in which the relation between h and δ_1 is derived from

where Δg_0 and Δg_1 are respectively Fay's and isostatic

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D265/D307

Approximate calculator...

anomalies. It is concluded that the method is not suitable for assessing the isostatic state of large areas of the Earth's crust and that: (1) δ_1 depends only slightly, or not at all, on h averaged over a wide area but depends, similarly to Δg_1 , on deviations of individual regions from mean h ; (2) use of the $-\delta_1 = f(h)$ plot may lead to incorrect results; (3) Andreyev's conclusion of the existence of strong negative isostatic anomalies in the Antarctic is unfounded--the continent is actually close to equilibrium; (4) comparison of Δg_1 and Δg_2 over wide areas of the Pacific confirmed that these two quantities are similar in fairly flat regions, independently of mean h .

ASSOCIATION: Akademiya nauk SSSR, Institut Fizik Zemli
(Academy of Sciences of the USSR, Institute of Earth Physics)

SUBMITTED: July 2, 1962
Card 2/2

ARTEM'YEV, M.Ye.

Nature of the vertical movements of the earth's crust according to data on isostatic anomalies of Europe. Dokl. AN SSSR 153 no.3:664-667 N '63. (MIFA 17:1)

1. Institut fiziki Zemli im. O.Yu. Shmidta AN SSSR. Predstavleno akademikom D.I. Shcherbakovym.

ARTEM'YEV, A.Ye.

Disturbances of the isostatic balance and orientation of crustal
vertical movements. Dokl. AN SSSR 140 no.5:1151-1154 P '65.

(MIRA 18:2)

1. Institut fiziki Zemli im. C.Yu. Shmidta AN SSSR. Submitted
April 3, 1964.

ARTEM'YEV, M.Ye.

Averaged anomalies of Faye as a source of information on
heterogeneities in the mantle. *Biul.MOIP.Otd.geol.* 40
no.5:93-105 S-0 '65. (MIRA 18:11)

ARTEM'YEV, N., kand. tekhn. nauk

Miniature television camera attachment. Radio no. 6:28 Ja '65.
(MIRA 18:10)

ARTEM YAV N.A.

3C

3.170

Showing the quantity of past state. N. Artem (Klavd
 T.A. (Klavd) Tech. U.S.S.R. 1960. No. 78. 4. 31. Pat. No.
 1261. 24. 202). Ordinary past state manufactured by the
 wet or dry method are not free from but absorb water and become
 moldy. Attempts to eliminate these defects by impregnating the
 past with borax, or with compounds of P or S, and heat treat-
 ment, are described. R. B. CLARK

ADD SLA METEOROLOGICAL LITERATURE CLASSIFICATION

107005 74 107003 74 089 001 1070107

ARTEM'YEV, N. A., Ing.

Peat Industry

Remarks to Eng. I. Z. Volchek's article "Decay and fire-resistant peat insulation boards."
Torf. prom. 30, No. 3, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Encl.

ARTEMYEV. N.A.

Osushchestvinye dvizheniya. IAN, ser. matem. (1939), 351-370. Osushchestvinye trayektorii. IAN, ser. matem. (1939), 429-448. Metod opredeleniya kharakteristicheskikh pokazateley i prilozheniya ego k dvum zadacham netseynoy mekhaniki. IAN, ser. matem., 8 (1944), 61-100. Issledovaniya osushchestvinykh periodicheskikh dvizheniy. IAN, SER. matem., 5 (1941), 127-158. Die Anwendung des Störungsverfahrens zur Berechnung der Eigenwerte. Matem. SB., 39:3 (1932), 52-65.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A.K.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948

Effect of radiant energy on the growth of plants. Moskva, Izd-vo Vsesoiuznoi akademii
s.-kh. nauk im V. I. Lenina, 1976. 29 p.

Cyr. 4 QK41

1. Growth (Plants) 2. Radiations-Physiological effect.

RAZUMOV, Yuriy Anisimovich; ARTEM'YEV, Nikolay Arsen'yevich;
VAYNTRAUB, D.A., red.

[Pressing parts with universal dies in conditions of short-
run production] Gibka detalei na universal'nykh shtampakh
v usloviakh melkoseriinogo proizvodstva. Leningrad, 1964.
21 p. (Leningradskii dom nauchno-tekhnicheskoi propogandy.
Obmen peredovym opytom. Seriya: Gorinchaia i kholodnaya ob-
rabotka metallov davleniem, no.3) (MIRA 17:7)