

VASIL'YEV A. V.

PA 17T22

USSR/Medicine - Ticks

Jul 1947

Medicine - Veterinary Medicine

"The Influence of Ticks in the Epidemiology of
Encephalomalacia of Horses in the Southern Trans-
ural Region," A. V. Vasil'yev, 4 pp, Prof.- Dr. of Vet Sci.

"Veterinariya" No 7

Experiments conducted at Troitskiy Veterinary In-
stitute. Ticks of the order Dermacentor Marginatus,
taken off horses infected with encephalomalacia
were found to be virus carriers. Introduction of
pathogenic material by scarification during the
presence of favorable circumstances (weakening of
organisms), causes conditions of development of
the disease with lethal results.

17T22

VASIL'EV, A. V., Prof. Dr.
Troitsk Vet. Inst.

"Discrepancy in the murmurs of friction with the condition of pleura
in pathology."

SO: Veterinariia 26(1), 1949, p. 34.

VASIL'EV, A. V., Prof.

("Hematology of Agricultural Animals")- BK -

"On some errors in the technique of counting formal elements of blood". - *Comments on Prof. Vasil'ev's book*

SD: Veterinariia, 29(3), 1952, p. 60

VASIL'YEV, Aleksandr Vladimirovich

N/5
648.2
.V3

Diagnostika Vnutrennikh Bolezney Domashinkh Zhivotnykh (Diagnosis of Internal Diseases of Domestic Animals) Moskva, Sel'khozgiz, 1956.

487 p. illus., diags., tables.

Bibliography: p. 482 - 485.

VASIL'YEV, A.V. (st.Alekseyevskaya Stalingradskoy oblasti)

Excursion to stockbreeding farms. Geog.v shkole 19 no.5:57-61
S-O '56. (MLRA 9:11)
(School excursions) (Stock and stockbreeding)

~~VASIL'YEV, A.V.~~, doktor sel'skokhozyaystvennykh nauk, redaktor; LITOVCHENKO,
G.B., kandidat sel'skokhozyaystvennykh nauk, redaktor; RABEINA, N.G.,
redaktor; SKOLOVA, N.B., tekhnicheskiiy redaktor

[Sheep breeding] Ovtsevodstvo. Izd. 5-oe, ispr. i dop. Moskva,
Gos. izd-vo sel'khoz. lit-ry, 1957. 295 p. (MLHA 10:10)
(sheep)

ZAYTSEV, V.I., prof.; SINEV, A.V., prof.; IONOV, F.S., prof.;
VASIL'YEV, A.V., prof.; SHARABRIN, I.G., prof.;
ZELEPUKIN, V.S., red.

[Clinical diagnosis of internal diseases in farm animals]
Klinicheskaya diagnostika vnutrennikh boleznei sel'sko-
khoziaistvennykh zhivotnykh. 2. perer. i dop. izd. Moskva,
Kol's, 1964. 350 p. (MIRA 17:11)

VASIL'YEV, A. V.

112-3-5971

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957
Nr 3, p. 133 (USSR)

AUTHOR: Vasil'yev, A. V.

TITLE: Electrical Equipment of the High-Powered Main-Line
Diesel-Electric Locomotive T $\ominus$ 3 (Elektrooborudovaniye
moshchnogo magistral'nogo teplovoza T $\ominus$ 3)

PERIODICAL: In Sbornik: Materialy nauch.-tekhn. soveshchaniya po
tyagovomu elektrooborudovaniyu, November 1953, Riga,
1955, pp. 77-82

ABSTRACT: A brief history of development of the Diesel-electric
locomotive from the twenties to the present time is
presented. The electrical equipment of the latest type
of Diesel-electric locomotive, the T $\ominus$ 3, is designed
for operation with an ambient temperature up to 40°
instead of 25° as in the T $\ominus$ 2, and the rated winding
overheating is 15° lower. There are two versions of the
main generator: the ten-pole, uncompensated generator
with duplex lap armature winding, with equalizer and the
eight-pole, compensated generator with frog-leg armature
winding. Class B insulation is used in the generators.
The generator is excited by a two-machine, six-pole

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Electrical Equipment of the High-Powered (Cont.)

112-3-5971

exciter; four of the poles are unsaturated, and two poles are provided with saturating bridges. The traction motors are similar in principle to the motors in the electric locomotive; the differences consist in lowering of voltage (250-400 v) at the commutator of the motor in the Diesel-electric locomotive, and the use of a lap armature winding in place of the wave winding. In addition to the devices common to both the Diesel-electric and electric locomotives, the equipment of the Diesel-electric locomotive also includes a transfer relay, skidding relay, and voltage regulator. Further development of electrical equipment in Diesel-electric locomotives should be directed toward improvement of the automatic speed control system, reduction of weight and decreasing the size of the electrical machines mainly by use of heat-resistant insulation (Kh E T Z).

I.V.I.

ASSOCIATION: Khar'kov Electromechanical and Turbogenerator Plant
(Kh E T Z; Kharkovskiy elektromekhanicheskiy i turbo-
generatornyy zavod)

Card 2/2

VASIL'YEV, A.V., inzh.; PIGULEVSKIY, I.A., starshiy elektromekhanik.

Amplifier for trouble shooting in track circuits. Avtom., telem.
i svyaz' 2 no.1:34 Ja '58. (MIRA 11:1)

1. Vereshchaginskaya distantziya signalizatsii i svyazi Sverdlovskoy
dorogi.

(Railroads--Telephone) (Electric circuits)

RYZHOV, L.M., kand. tekhn. nauk; VASIL'YEV, A.V., kand. tekhn. nauk; KRAKOVSKIY, I.I., doktor tekhn. nauk, prof., retsenzent; NOVIK, R.I., red.; MAKRUSHINA, A.N., red. izd-va; YERMAKOVA, T.T., tekhn. red.

[Principles of the hydrodynamics of barge trains propelled by
pusher tugs] Osnovy gidrodinamiki tolkaemykh sostavov. Moskva,
Izd-vo "Rechnoi transport," 1961. 173 p. (MIRA 14:10)
(Barges)

VASIL'YEV, Aleksandr Vyacheslavovich; BELOGLAZOV, Vasilii
Ivanovich; GOFMAN, A.D., retsenzent; YEFREMOV, G.V.,
retsenzent; CHESTNOV, Ye.I., nauchn. red.; LAGOVSKIY,
G.N., red.

[Using low speed steering] Ispol'zovanie podruli-
vaiushchikh ustroystv. Moskva, Transport, 1965. 65 p.
(MIRA 18:5)

12

VASILYEV, AV

CA

The chemical composition of wild food plants. F. V. Tactevitinov, A. V. Vasilyev, A. A. Kolesnik, and M. V. Shilyakov. *Pishchoboye Prom.* 1945, No. 1, 18-21. The following classes of wild plants were analyzed in the fresh and dried forms for water, nitrogen, protein, sugar, ash, oil, solids, vitamin C, and carotene contents: *Lactuca dioica* L. (the flaming nettle), *Rumex acetosa* L. (sorrel), *Atriplex*, *Chenopodium album* L. (white amaranth), *Azopodium podagraria* L., *Lamium album* L. (the dead nettle), and *Oxyria dodon* Hill. Eugene Roberts

ABN-514 METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNOPTUM

FROM BOWLING

RELASTY ONE ONE 151

VASIL'YEV, A. V.

Lumbering

Distance and group method of breakwater floating. Les. prom. 12 no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August, 1952 ~~1953~~, Unclassified.

VASIL'YEV, Aleksandr Valentinovich

Sukhum Botanical Garden, Acad Sci Georgian SSR. Academic degree of Doctor of Biological Sciences, based on his defense, 24 November 1954, in the Council of the Botanical Inst imeni Komarov, Acad Sci USSR, of his dissertation entitled: "Trees and Shrubbery of the Subtropics of Western Georgia."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 16, 2 Jul 55, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp 5-24, Uncl. JPRS/NY-537

VASIL'YEV, A.V.

"Palms and their cultivation in the U.S.S.R." S.G. Saakov. Reviewed
by A.V. Vasil'ev. Bot.zhur. 40 no.2:254-256 Mar-Apr '55. (MIRA 8:7)

1. Sukhumskiy Botanicheskii sad. (Palms) (Saakov, S.G.)

USSR / Cultivated Plants. Introduction and Acclimatization.

M-2

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58502

Author : Vasil'yev, A. V.

Inst : Botanical Institute, Acad. Sci. USSR

Title : Acclimatization of Subtropical Plants Under Natural
Conditions Prevailing in Western Georgia (USSR)

Orig Pub : Tr. Botan. in-ta AN USSR, 1957, ser. 6, vyp 5, 75-88

Abstract : A system of acclimatization stages, based on data
resulting from the introduction of subtropical and leaf-
shedding wood species in Western Georgia (42-44°n.lat.)
was developed. Tree species which crowd out native
species from secondary derivative associations and tend
to form pure stands belong to the first acclimatization
stage. Examples of this are: wattle (*Acacia dealbata*
Link) from Australia and Mexican cypress (*Cupressus*
lusitanica Mill) from Mexico. Species which become wild

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USSR / Cultivated Plants. Introduction and Acclimatization.

M-2

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58502

and enter into various cenogenetic relations with the local vegetation belong to the second stage (11 species). Species which are becoming wild, but which do not enter in association with the local vegetation belong to the third stage (11 species). Species which propagate by self-seeding, by shoots and by root sprouts, but which do not become wild belong to the 4th stage (27 species). Species which bear fruit but are not self seeding are part of the 5th stage (328 species). Species which bear few fruits but which produce seeds with good germination potential belong to the 6th stage (198 species). Fruit bearing species, which produce seeds with a poor germination potential belong to the 7th stage (91 species). Species which flower but do not bear fruit belong to the 8th stage (167 species). To the ninth acclimatization stage belong species which do not bear flowers (61 species).

Card 2/3

USSR / Cultivated Plants. Introduction and Acclimatization.

M-2

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58502

The study of systematic and geographic relations of species introduced into Western Georgia gave the possibility to establish some botanico-geographic and morphologo-geographic relations leading us to an understanding of the nature of the species. Detailed data on a similar evaluation of symnospermae is given. -- I. K. Fortunatov

Card 3/3

VASIL'YEV, A.V.

Subtropical tree and shrub flora of western Georgia [with summary in English]. Trudy Sukh. Bot. sada no.10:11-234 '57. (MIRA 12:3)
(Georgia--Tropical plants) (Trees) (Shrubs)

VASIL'YEV, A.V.

Trees and shrubs of the west Georgian subtropics. Trudy Sukh.
bot.sada no.11:3-139 '58. (MIRA 13:5)
(Georgia--Tropical plants)

VASIL'YEV, A.V.

Acclimatizing subtropical plants at the Sukhumi Botanical Garden.
Bot.shur. 43 no.9:1333-1337 S '58. (MIRA 11:10)

1. Sukhumskiy botanicheskiy sad AN GruzSSR.
(Sukhumi--Tropical plants)

VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; DOLUKHANOV, A.G.; MANDZHA-VIDZE, D.V.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; ODISHARIYA, K.N.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOLIA, M.F.; SKHIYERELI, V.S.; AVALIANI, N.M., red.izd-va; TODUA, A.R., tekhred.

[Dendroflora of the Caucasus; wild and cultivated trees and shrubs]
Dendroflora Kavkaza; diko-rastushchie i kul'turnye derev'ia i kustarniki. Tbilisi. Vol.1. [Gymnospermae. Chlamydospermae. Angiospermae - Monocotyledonae] Gymnospermae - golosemennye. Chlamydospermae - pokrovosemennye. Angiospermae - (Monocotyledoneae) - pokrovosemennye (odnodol'nye).1959. 406 p. (MIRA 13:6)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa. 2. AN Gruzinskoy SSR (for Gulisashvili).
(Caucasus--Trees) (Caucasus--Shrubs)

VASIL'YEV, A.V.

"Principal results of the introduction of arboraceous plants
in the U.S.S.R." Bot. zhur. 44 no.2:240-242 F '59.
(MIRA 12:6)

1. Sukhumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR.
(Plant introduction) (Trees)
(Shrubs)

VASIL'YEV, A.V.

Trees and shrubs of the subtropical regions of western Georgia.
Trudy Sukh.bot.sada no.12:3-160 '59. (MIRA 14:7)
| (Georgia--Tropical plants)

VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; DMITRIYEVA, A.A.;
DOLUKHANOV, A.G.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.;
MULKIDZHANYAN, Ya.I.; PRILIPKO, L.I.; SAKHOKIA, M.F.;
MIRZASHVILI, V.I., red.; AVALIANI, N.M., red. izd-va;
TODUA, A.R., tekhn. red.

[Trees of the Caucasus; wild and cultivated trees and shrubs]
Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i
kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Vol.2. [Angiosperms. Dicotyledons] Angiospermae - Pokryto-
semennye. Dicotyledoneae. Dvudol'nye. 1961. 334 p.

(MIRA 15:2)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa.
2. Akademiya nauk Gruzinskoy SSR, Tiflis (for Gulisashvili).
(Caucasus--Angiosperms) (Caucasus--Dicotyledons)

VASIL'YEV, A.V.

Dendrological studies on introduced woody plants in Slovakia.
Bot. zhur. 48 no.4:608-609 Ap '63. (MIRA 16:5)

1. Sukhumskiy botanicheskiy sad AN Gruzinskoy SSR.
(Slovakia--Woody plants) (Slovakia--Plant introduction)

YEGORSHIN, N.A.; SHERSHEN', F.M.; SMIRNOV, A.N.; GORBUNOV, A.D.;
YEGOROV, V.P.; VASIL'YEV, A.V.; KOLOMEYTSEV, K.N.; KOLEGOV,
V.A.; KASATKINA, N.P., red.

[Mechanisms for lumbering camps; from work practices of the
construction office of the Chusovskoye Logging Camp] Mekhaniz-
my dlia lesozagotovok; iz opyta raboty konstruktorskogo biuro.
Chusovskogo lespromkhoza. Moskva, TSentr.nauchno-issled.in-t
informatsii i tekhniko-ekon.issledovaniy po lesnoi, tselliu-
lozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesno-
mu khoz. 1963. 21 p. (MIRA 17:4)

VASIL'YEV, A.V.

Dendrological work in Poland. Bot.zhur. 50 no.2:291-293
F '65. (MIRA 18:12)

1. Sukhumskiy botanicheskiy sad AN Gruzinskoy SSR. Submitted April 18, 1964.

~~VASIL'YEV, A.V.~~
VASIL'YEV, A.V.

~~Friends meet. Zdorov's 3 no.10:6 0 '57.~~
(PUBLIC HEALTH)

(MIRA 10:11)

VASIL'YEV, A.V.

YEFIMOVA, A.A., kand.med.nauk; MAKAROV, N.N.; VASIL'YEV, A.V., vrach; YARINA, L.N., vrach; POLIKARPOVA, M.G., vrach-kosmetolog; POPOV, I.P., kand. biol.nauk; SUBBOTINA, G.I., vrach

Advice from "Zdorov'e". Zdorov'e 3 no.12:28-29 D '57. (MIRA 11:1)
(HYGIENE)

VASIL'YEV, A.V., vrach; VLADIMIROV, B.D., dots.; PIRADOVA, M.D., kond.tekhn.
nauk; KOMMANDANTOVA, M.V., doktor med.nauk; LASS, D.I., prof.;
SEMEHOVA, N.Ye., vrach

Advice from "Zdorov'e". Zdorov'e 4 no.2:30-32 F '58. (MIRA 11:2)
(FROSTBITE) (SKIN--DISEASES) (GIARDIASIS)

VASIL'YEV, A.V., vrach

Bekhterev's mixture. Zdorov'e 4 no.6:31 Je '58
(DRUGS)

(MIRA 11:6)

VASIL'YEV, A.V., vrach

Little's disease. Zdorov'e 5 no.2:31 Y '59. (MIRA 12:2)
(PARALYSIS, SPASTIC)

SOV/111-59-2-21/27

6(2)

AUTHOR: Vasil'yev, A.V., Chief

TITLE: Books for Communications Men (Knigi dlya svyazistov)

PERIODICAL: Vestnik svyazi, 1959, Nr 2, pp 33-34 (USSR)

ABSTRACT: The State Publishing House for Literature on Questions of Communications and Radio (Svyaz'izdat) has published hundreds of books in all fields of communications since its founding 40 years ago in 1918. Svyaz'izdat also publishes three periodicals: "Vestnik svyazi", "Rasprostraneniye pechati", and "Elektrosvyaz". Since 1958 the latter journal has appeared in English in England. The Ministry of Finance plan for allotments to the state budget from profits was completely fulfilled. The volume of output, in quires, during 1958 exceeded the 1957 level by 21%. 1959 will see further increase in output, totalling about 400 titles for a volume of 1700 quires. Many of the new books will be text books. Special attention will be given to propaganda for the decisions of the 21st Party Congress and the tasks

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' Books for Communications Men

SOV/111-59-2-21/27

posed by the Party for communications workers. The draft plan for the period 1960-1965 is now being worked out, and will soon be presented to a wide circle of readers for discussion. 30 books and pamphlets are mentioned specifically in the text.

ASSOCIATION: Svyaz'izdat

Card 2/2

ZAYTSEV, Vladimir Ivanovich, prof.; SINEV, A.V., prof.; IONOV, P.S., prof.;
YASLI'YEV, A.Y., prof.; SHARABRIN, I.G., prof.; SOLOVEY, A.S., red.;
BALLOD, A.I., tekhn.red.

[Clinical diagnosis of internal diseases of domestic animals]
Klinicheskaya diagnostika vnutrennikh boleznei domashnikh zhivotnykh.
Pod red. V.I.Zaitseva. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958.
375 p. (MIRA 12:3)

(Veterinary medicine--Diagnosis)

VASIL'YEV, A.V.; STEPANYAN, Ye.G.; MOLEVA, K.V.

Significance of phage typing of typhoid fever bacteria in epidemiological practice. Zdrav. Turk. 5 no.2:10-12 Mr-Apr '61.

(MIRA 14:5)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S.Popova).
(BACTERIOPHAGE) (TYPHOID FEVER)

GRIGOROVSKIY, Vasilii Yefimovich; ZVONKOV, Vasilii Fedosovich; VASIL'YEV,
A.V., red.; TIKHONOVA, I.M., tekhn.red.

[Development of production rates on collective farms] Razvitie
proizvodstvennykh otnoshenii v kolkhozakh. Leningrad, Lenizdat,
1959. 89 p. (MIRA 13:5)

(Collective farms)

ZHELEZNYAKOV, G.V., prof., doktor tekhn.nauk; VASIL'YEV, A.V., kand.
tekhn.nauk

Effect of the kinetic parameters on current meter readings
in flow velocity measurements of limited duration. Nauch.
zap. MIIVKH 21:301-311 '59. (MIRA 13:8)
(Stream measurements)

VASIL'YEV, A.V.

Exploring the northern boundary of the subtropics of China; vertical
distribution of trees and shrubs in the Tapa Shan Range. Bot. zhur.
46 no.9:1373-1381 S '61.
(MIRA 14:9)

1. Sukhumskiy Botanicheskiy sad AN Gruzinskoy SSR.
(Tapa-Shan--Woody plants)

VASIL'YEV, A.V.; DMITRIYEVA, A.A.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; MULKIDZHANYAN, Ya.I.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOKIA, M.F.; SKHIYERELI, V.S.; GULISASHVILI, V.Z., akademik, red.; AVALIANI, N.M., red.izd-va; BOKERIYA, E.N., tekhn. red.

[Woody plants of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR. Vol.3.

[Angiospermae; Dicotyledoneae; Moraceae (mulberry family) - Platanaceae (plane-tree family)] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR.

(MIRA 16:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa. AN Gruzinskoy SSR (for Gulisashvili).

(Caucasus--Woody plants)

VASIL'YEV, A.V.

Present-day status of the sampling technique of sandy-argillaceous and semi-crystalline rocks from holes in investigations for purposes of engineering geology. Trudy VSEGINGEO no. 1: 63-81 '63. (MIRA 17:5)

VASIL'YEV, A.V.

Using the gamma-densitometer "Shup" to determine the
volumetric weight of ground. Razved. i okh. nedr 29
no.11:53-55 N '63.

(MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrogeologii i inzhenernoy geologii.

BASHKATOV, D.N.; VASIL'YEV, A.V.; OLONOVSKIY, Yu.A.

Investigating the technology of vibration-percussive drilling.
Razved. i okh. nedr. 30 no.5:22-25 My '64. (MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii
i inzhenernoy geologii.

L 12556-66 EPF(n)-2/EWT(1)/EWT(m)/EWP(t) IJP(a) GG/AT/JD
ACC NR: AP6006866 SOURCE CODE: UR/0181/66/008/002/0603/0603

AUTHOR: Vasil'yev, A. V.; Smirnov, L. S.

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B

ORG: Institute of Semiconductor Physics, SO AN SSSR, Novosibirsk (Institut fiziki poluprovodnikov SO AN SSSR)

TITLE: Infrared quenching of the natural photoconductivity in n-type germanium irradiated with gamma rays

27,55

SOURCE: Fizika tverdogo tela, v. 8, no. 2, 1966, 603

TOPIC TAGS: gamma irradiation, photoconductivity, germanium semiconductor, germanium single crystal

ABSTRACT: An investigation was made of the photoconductivity in n-type germanium irradiated with gamma rays from a Co^{60} source at room temperature. The specimens were cut from an ingot of n-type germanium with a donor concentration of $\sim 10^{14} \text{ cm}^{-3}$. In a series of irradiated specimens the initial donors were almost totally compensated by acceptor centers introduced during irradiation. The following system of radiative defect levels in the forbidden zone was determined from the photoconductivity spectrum taken at the liquid nitrogen temperature: $E_c - 0.22, -0.25, -0.27, -0.30, -0.33, -0.36, -0.43, -0.49, -0.52$, and -0.59 eV . The conductivity in its natural range was quite inertial. Its rise up to a stationary value took $\sim 12 \text{ sec}$; its decrease took $\sim 10 \text{ min}$. At constant illumination an infrared quenching throughout

21,44,5

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ACC NR: AP6006866

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virtually the entire investigated range of wavelengths (1.5—5.5 μ) was observed in specimens compensated during irradiation. The quenching spectrum showed three clearly distinguished quenching maxima at 0.47, 0.52, and 0.60 ev. A weak quenching was also observed in the region of 0.2—0.4 ev. The results obtained apparently follow from a series of defects with different cross sections for electron and hole capture produced by irradiation. The quenching maxima at 0.47 and 0.52 ev can be attributed to the transfer of electrons initiated by infrared light from the valence zone to the E_C —0.27 and —0.22 ev levels, respectively. The maximum at 0.60 ev shows the presence of the E_C —0.14 ev level in the forbidden zone. Orig. art. has: 1 figure.

[JA]

SUB CODE: 20/ SUBM DATE: 09Apr65/ OTH REF: 001/ ATD PRESS: 4211

Card 2/2 net

GOSTEV, B.I., kandidat tekhnicheskikh nauk; USHAKOV, A.D., kandidat tekhnicheskikh nauk; KONONOVA, T.A., inzhener; AKOPYAN, S.I., kandidat tekhnicheskikh nauk, redaktor; VASIL'YEV, A.V., kandidat tekhnicheskikh nauk, redaktor; KRISTI, M.K., professor, redaktor; L'VOV, Ye.D., professor, redaktor; MALASEKIN, O.M., inzhener, redaktor; YUDUSHEKIN, N.G., inzhener, redaktor; MODUL', B.I., tekhnicheskii redaktor.

[Investigating cast iron with spheroidal graphite inclusions and its use for tractor parts] Issledovanie chuguna so sfereidal'noi fermei grafite i primeneniye ego dlia trakternykh detalei. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1943.36 p. (Moscow, Gosudarstvennyi soiznyi nauchno-issledovatel'skii trakternyi institut [Trudy], no.7) (MLBA 9:1)

1.Direktor nauchno-issledovatel'skego tekhnologicheskogo instituta (fer Akopyan).

(Cast iron) (Tractor industry)

VASIL'YEV, A. V., Engineer

"Concerning Investigation of Swinging Joints." Sub 2 Jul 47,
Sci Res Automobile and Automotive Inst (NAMI)

Dissertations presented for degrees in science and engineering
in Moscow in 1947. *Cand. Tech. Sci*

SO: Sum. No. 457, 18 Apr 55

VASIL'YEV, A.V., kandidat tekhnicheskikh nauk; POPOV, Ye.G., kandidat tekhnicheskikh nauk.

Test results of the KD-35 tractor undercarriage. Avt. trakt. prom.
no.12:8-12 D '53. (MLRA 6:12)

1. Nauchno-issledovatel'skiy avtotraktorny institut.
(Tractors--Testing)

VASIL'YEV, A.V.

MALAKHOVSKIY, V.E., kandidat tekhnicheskikh nauk; AKOPYAN, S.I., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor; GOSTEV, B.I., kandidat tekhnicheskikh nauk, zamestitel' direktora po nauchnoy rabote; VASIL'YEV, A.V., kandidat tekhnicheskikh nauk, redaktor; KRISTI, M.K. professor, redaktor; L'VOV, Ye.D., professor, redaktor; MALASHKIN, O.M., inzhener, redaktor; YUDUSHKIN, N.G., inzhener, redaktor; PONOMAREVA, K.A., inzhener, redaktor; MATVEYEVA, Ye.N., tekhnicheskiiy redaktor.

[Investigation of the efficiency of tractor transmission systems]
Issledovanie koeffitsienta poleznogo deistviia traktornykh transmissii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 50 p. (Moscow, Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktorny institut. Trudy, no.10) (MLRA 8:9)

1. Direktor NATI (for Akopyan). 2. Zam. direktora po nauchnoy rabote (for Gostev).

(Tractors--Transmission devices)

STATE ORDER OF LABOUR RED BANNER UNION SCI RES. + EXPERIMENTAL
AUTOTRATOR INST.

VASIL'YEV, A.V.

ARTAMONOV, M.D., kandidat tekhnicheskikh nauk; VELICHKIN, I.N., inzhener;
AKOPYAN, S.I., kandidat tekhnicheskikh nauk, redaktor; GOSTEV, B.I.,
kandidat tekhnicheskikh nauk, redaktor; VASIL'YEV, A.V., kandidat
tekhnicheskikh nauk, redaktor; KRISTI, M.K., professor, redaktor;
L'VOV, Ye.D., professor, redaktor; MALASHKIN, O.M., inzhener, redak-
tor; YUDUSHKIN, N.G., inzhener, redaktor.

[Investigation of the G-58 gas engine] Issledovanie gazogeneratorsnogo
dvigatelya G-58. Moskva, Gos.nauchno-tekh.izd-vo mashinostroit.lit-ry,
1954. 26 p. (Moscow.Gosudarstvennyi soiznyi nauchno-issledovatel'skii
traktorny institut [Trudy], no.11).

(MLRA 9:1)

1.Direktor nauchno-issledovatel'skogo avtotraktornogo instituta (for
Akopyan). (Gas and oil engines)

VASILYEV, A. V.

USSR/ Engineering - Test methods

Card 1/1 : Pub. 12 - 4/15

Authors : Vasilyev, A. V., and Utkin-Lyubovtsev, O. L., Candidates of Techn. Sc.

Title : Measurement of loads

Periodical : Avt. trakt. prom. 2, insert, Feb 1954

Abstract : The development of tensometric rollers for field testing dynamic loads of caterpillar-type tractors and their mode of operation are described. Oscillographs record the loads of the supporting rollers during the movement of the tractor, during idling and under full load. Graphs; drawings; illustrations.

Institution : Scientific Institute for Tractors and Automobiles

Submitted :

VASIL'YEV, A.V., kandidat tekhnicheskikh nauk; UTKIN-LYUBOVTSOV, O.L.

Measuring traction forces and torque of a tractor by means of an indicator. Avt.trakt.prom. no.10:16a,b 0 '54. (MLBA 7:10)

1. Nauchno-issledovatel'skiy avtotraktorny institut.
(Tractors--Testing)

VASIL'YEV, A.V., kandidat tekhnicheskikh nauk; ZAKHAROV, V.P., kandidat
tekhnicheskikh nauk; UTKIN, O.L., inzhener.

Measurement of forces and moments. Vest.mash.35 no.9:16-21 S '55.
(MLRA 9:1)

1.Nauchno-issledovatel'skiy avtotraktorny institut.
(Force and energy--Measurement) (Kinematics--Measurement)

~~VASIL'YEV, A.V.~~
ZUBIYETOV, I.P., inzh.; AKOPYAN, S.I., kand. tekhn. nauk, otv. red.; GOSTEV,
B.I., zam. otv. red.; VASIL'YEV, A.V., kand. tekhn. nauk, red.;
KRISTI, M.K., prof. red.; ~~L'VOV, I.B.~~, prof., red.; MALASHKIN, O.M.,
kand. tekhn. nauk, red.; YUDUSHKIN, N.G., inzh., red.; UVAROVA, A.F.,
tekhn. red.

[Standardizing fuel pump plungers used in the D-35 and D-54 tractor
diesel engines] Unifikatsiia plunzherov toplivnykh nasosov dlia
traktornykh dizelei D-35 i D-54. Moskva, Gbs. nauchno-tekhn. izd-vo
mashinostroitel'noi lit-ry 1956. 14 p. (Moscow. Gosudarstvennyi
soiuznyi nauchno-issledovatel'skii traktorny institut. [Trudy]
no.15).
(MLRA 10:9)

1. Direktor nauchno-issledovatel'skogo avtotraktornogo instituta
(for Akopyan). 2. Zamestitel' direktora po nauchnoy rabote nauchno-
issledovatel'skogo avtotraktornogo instituta (for Gostev).
(Tractors--Engines)

VASIL'YEV, A.V.
NISNEVICH, A.I., inzhener; AKOPYAN, S.I., kandidat tekhnicheskikh nauk, redaktor; GOSTEV, B.I., kandidat tekhnicheskikh nauk, redaktor; VASIL'YEV, A.V., kandidat tekhnicheskikh nauk, redaktor; KRISTI, M.K., professor, redaktor; L'VOV, Ya.D., professor, redaktor; MALASHKIN, O.M., kandidat tekhnicheskikh nauk, redaktor; YUDUSHKIN, N.G., inzhener, redaktor; POPOVA, S.M., tekhnicheskiiy redaktor.

[New methods for determining the wear rate of tractor engine parts]
Primenenie novykh metodov opredeleniya velichiny iznosa detalei traktornogo dvigatelya. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. [Trudy], no.14) (MLRA 9:10)

1. Direktor nauchno-issledovatel'skogo avtotrakternege instituta (for Akopyan). (Tractors--Engines)

VASIL'YEV, A.Y. kandidat tekhnicheskikh nauk.

Blinov's caterpillar tractor. Izobr.v SSSR 2 no.7:47-48 J1 '57.
(MLRA 10:7)

(Blinov, Fedor Abramovich, 1827-1899) (Caterpillar tractors)

AKOPYAN, S.I., kand. tekhn. nauk; VASIL'YEV, A.V., kand. tekhn. nauk.

Tractor engineering during the past 40 years of the Soviet regime.
Avt. i trakt. prom. no.12:1-7 D '57. (MIRA 11:1)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.
(Tractors--Design and construction)

VASIL'YEV, A.Y., kand.tekhn.nauk

Theoretical and engineering bases for developing special strain-
measuring points. Trudy NATI no.20:3-51 '60. (MIRA 13:7)
(Strain gauges) (Crawler tractors--Dynamics--Measurement)

VASIL'YEV, A.V., kand.tekhn.nauk, VOLVOK, S.P., DOKUCHAYEVA, Ye.N.,
kand.tekhn.nauk

Measurement techniques in using strain-measuring points of tractors.
Trudy NATI no.20:52-71 '60. (MIRA 13:7)
(Strain gauges)
(Crawler tractors--Dynamics--Measurement)

VASIL'YEV, A.V., kand.tekhn.nauk, VOIKOV, S.P.

Using a strain-measuring shoe in measuring the reaction of ground
to the crawler. Trudy NATI no.20:72-88 '60. (MIRA 13:7)

(Strain gauges)

(Crawler tractors--Dynamics--Measurement)

VASIL'YEV, A.V., kand.tekhn.nauk, UTKIN-LYUBOVTSOV, O.L.

Determining the tractive resistance and the efficiency of the
running gear of a tractor. Trudy NATI no.20:89-107 '60.

(MIRA 13:7)

(Crawler tractors--Dynamics)

VASIL'YEV, A.V., kand.tekhn.nauk; RAPPOPORT, D.M., inzh.

New devices and methods for testing tractors. Mekh. i elek. sots.
sel'khoz. 20 no.1:47-51 '62. (MIRA 15:2)
(Tractors--Testing)

VASIL'YEV, A.V., kand. tekhn. nauk; RAPPOPORT, D.M., inzh., RAYEVSKIY,
N.P., doktor tekhn. nauk, retsenzent; SAVKIN, I.P., inzh.,
red.; EL'KIND, V.D., tekhn. red.

[Strain measurement and its use in the investigation of
tractors] Tenzometrirovaniye i ego primeneniye v issledovaniyakh
traktorov. Moskva, Mashgiz, 1963. 338 p. (MIRA 17:3)

VASIL'YEV, A.V., kand.tekhn.nauk; KREYSLER, A.A., kand.tekhn.nauk; LYUBIMOV, B.A.,
kand.tekhn.nauk

"Design and calculations of tractors" by I.B.Barskii. Reviewed by
A.V.Vasil'ev, A.A.Kreisler, B.A.Liubimov. Trakt. i sel'khoz mash. 33 no.1:
47-48 Ja '63. (MIRA 16:3)
(Tractors--Design and construction) (Barskii, I.B.)

L 10471-67 EWT(m)/EWP(w)/EWP(v)/EWP(t)/ETI/EWP(k) IJP(c) JD/EM

ACC NR: AP6031403

SOURCE CODE: UR/0114/66/000/009/0046/0048

AUTHOR: Rayer, G. A. (Candidate of technical sciences); Vasil'yev, A. V. (Engineer) 46

ORG: none 45 26

TITLE: Method for increasing the design strength of centrifugal compressor wheels

SOURCE: Energomashinostroyeniye, no. 9, 1966, 46-48

TOPIC TAGS: centrifugal compressor, compressor disk, fatigue strength, ~~strength improvement~~

ABSTRACT: Several centrifugal compressor wheels have been subjected to tests with peripheral speeds of 290—300 m/sec under simultaneous action of an air jet (combined static and dynamic stresses). It was found that the wheels tested failed in the same manner as the wheels in actual operation. The cracks in the cover plates originated on the inside surface at the edge of rivet holes and then propagated through the whole thickness. The cracks formed at relatively low alternating stresses. For instance, on disks manufactured from 34KhN3M steel (yield strength 75—80 kg/mm², tensile strength 87—90 kg/mm², elongation 12—14%, reduction of area 40%) cracks appeared after 500,000—1,000,000 cycles at a stress of 20 kg/mm². It was observed that cover plates with cutouts between the blades had a much higher fatigue strength. The cracks were observed in these disks after 15 million cycles

UDC: 539.4.62-253.621.515.001.5

Card 1/2

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ACC NR: AP6031403

at a peripheral speed of 330 m/sec. Several other measures were recommended for improving disk design strength, such as the use of roundhead rivets instead of countersink rivets, and an increase in cover plate thickness. Orig. art. has: [WW]
2 figures.

SUB CODE: 13/ SUBM DATE: none / ORIG REF: 006

Card 2/2 egk

VASIL'YEV, A.V., inzhener.

[New method of log floating (distance-group method)] Novyi metod
molevogo splava drevesiny (distantcionno-gruppovoi). Moskva, Gos-
lesbumizdat, 1953. 29 p. (MIRA 6:12)
(Lumbering)

VASIL'YEV, A. V.

Dissertation: "Investigation of the Pitching of Ships on a Wind Wave." Cand Tech Sci, Gor'kiy Inst of Water Transport Engineers, Gor'kiy, 1954. (Referativnyy Zhurnal--Mekhanika, Moscow, Aug 54)

SO: SUM 393, 28 Feb 1955

VASIL'YEV, A.V.; SHCHERBINSKIY, Ya.N., red.; ETUSH, L.A., red. izd-va,;
KARASIK, N.P., tekhn. red.

[New method of floating lumber] Novyi metod splava drevesiny.
Moskva, Goslesbumizdat, 1957. 19 p. (MIRA 11:11)
(Lumber--Transportation)

VASIL'YEV, Anatoliy Vasil'yevich; SHCHERBINSKIY, Ya.N., red.; POLTEVA,
B.Kh., red. izd-va; BACHURINA, A.M., tekhn. red.

[Distance-group method of log floating] Distantionno-gruppovoi
metod molevogo splava drevesiny. Izd.2., perer. Moskva, Gosles-
bumizdat, 1957. 31.p. (MIRA 11:9)
(Lumber--Transportation)

VASIL'YEV, A.V., kand. tekhn. nauk

Calculating the period of wind-driven waves on reservoirs. Rech.
transp. 17 no. 7:42-44 J1 '58. (MIRA 11:8)
(Waves)
(Reservoirs)

... VASIL'YEV, D.V.
ALFER'YEV, Mikhail Yakovlevich, prof., doktor tekhn.nauk; LUKASHEVICH, A.A.,
retsensent; VASIL'YEV, A.V., red.; SHLENNIKOVA, Z.V., red.izd-va;
YERMAKOVA, T.T., tekhn.red.

[Theory of ship construction; floatability, stability, buoyancy,
and ship launching] Teoriia korablia; plavuchest', ostoichivost',
nepotopliaemost' i spusk korablia na vodu. Moskva, Izd-vo
"Rachnoi transport," 1959. 491 p. (MIRA 13:2)
(Naval architecture)

VASIL'YEV, A.V., kand. ⁴ekhn.nauk

Investigation of forces acting in coupling units of barge trains.
Rech.transp. 18 no.2:28-30 F '59. (MIRA 12:4)
(Couplings) (Barges)

PAKHOMOV, V.B., kand. tekhn. nauk; NAUMOV, A.I., inzh.; SHELMANOV, V.S., inzh.; KONSTANTINOV, V.P., inzh.; KOSTIN, A.M., inzh.; SEMENOV, YU.K., inzh.; PYATLIN, A.A., kapitan; VAGANOV, G.I., kand. tekhn. nauk; SVIRIDOV, A.A., inzh.; KHODUNOV, M.Ye., kand. yurid. nauk; SAPOGOVA, A.Ye., inzh.; SOYUZOV, A.A., doktor tekhn. nauk, prof., red.; VASIL'YEV, A.V., kand. tekhn. nauk; ALEKSEYEV, V.I., red.; KUSTOV, L.I., red.; VITSINSKIY, V.V., red.; BORISOV, I.G., red.; SOLAREV, N.F., red.; ANDRIYENKO, V.I., red.; SUTYRIN, M.A., red.; GOLOVNIKOV, V.I., red.; ZOTOVA, V.V., red.

[Manual for the navigator of a river fleet] Spravochnik sudovoditelia rechnogo flota. Izd.2., dop. Moskva, Transport, 1965. 423 p. (MIRA 18:2)

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for Pakhomov, Semenov, Vaganov, Vasil'yev). 2. Moskovskiy rechnoy tekhnikum (for Naumov). 3. Volzhskoye ob'yedinennoye rechnoye parokhodstvo (for Shelmanov, Sapogova). 4. Ministerstvo rechnogo flota (for Konstantinov, Sviridov). 5. Kazanskiy port (for Kostin). 6. Moskovskoye rechnoye parokhodstvo (for Pyatlin).

RUKHADZE, P.Ye.; VASIL'YEV, A.V., doktor biolog.nauk, red.; GORDEZIANI,
S.A., tekhn.red.

[Principal plants of the Sukhumi botanical garden; a guidebook]
Glavneishie rasteniia Sukhumskego botanicheskogo sada; pute-
voditel'. Sukhumi, Izd. Akad.nauk Gruzinskoi SSR, 1956. 150 p.
(MIRA 12:4)

(Sukhumi--Botanical gardens)

VASIL'YEV, A.V.

Southeastern Asia, primary center of plant introduction. Biul. Glav.
bot. sada no. 39:10-16 '60. (MIRA 14:5)

1. Botanicheskiy sad AN Gruzinskoy SSSR, Sukhumi.
(Asia, Southeastern--Botany)

VASIL'YEV, A.V.

Introduction of subtropical plant of northwestern China into
eastern and western Georgia: plant introduction resources of
the Tapa Shan. Trudy Sukh. bot. sada. no.14:3-26 '62.
(MIRA 16:11)

KONOVALOV, I.N.; VASIL'EV, A.V.; MIKHALEVA, Ye.N.; DZHALAGONIYA, K.T.

Characteristics of changes in the physiological processes of
some subtropical plants as related to their origin. Trudy
Bot. inst. Ser. 4 no.16:75-100 '63. (MIRA 17:2)

ACC NR: AR6035275

SOURCE CODE: UR/0169/66/000/009/D016/D016

AUTHOR: Vasil'yev, A. V.; Shishkin, Ya. Ya.; Pechenkin, Ye. S.; Zenkin, Yu. S.

TITLE: Controlled directional reception in the study of the rim zone of the Caspian depression

SOURCE: Ref. zh. Geofizika, Abs. 9D105

REF SOURCE: Tr. Nizhne-Volzhsk. n.-i. in-t geol. i geofiz. vyp. 3, 1965, 131-136

TOPIC TAGS: seismic observation, controlled directional reception, profiling, disjunctive dislocation, geologic exploration/Caspian depression

ABSTRACT: Seismic observations were made using controlled directional reception in one and one-and-half stage continuous profiling. Distances between short points were 200—300 m, the magnitude of the summation base was 160—200 m, and groups of five seismographs per 12—25 m base were used. Results obtained at the Ural and Yeruslan area sections (northern part of the rim area) and at the Lamyshinskaya section are given. The high effectiveness of

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UDC: 550.834.5

ACC NR: AR6035275

the controlled directional reception in plotting salt and subsalt deposits and in identifying disjunctive dislocations is demonstrated. For complex areas, it is recommended that a system of double profiling be incorporated when using the controlled directional method and that parametric wells be drilled in the inside part of the rim zone. A. Titkov. [Translation of abstract]

[SP]

SUB CODE: 08/

Card 2/2

ACC NR: AR6024058

(N)

SOURCE CODE: UR/0124/66/000/004/B066/B066

AUTHOR: Vasil'yev, A. V.

TITLE: Theory of wind waves on reservoirs

SOURCE: Ref. zh. Mekhanika, Abs. 4B444

REF SOURCE: Tr. Gor'kovsk. in-ta inzh. vodn. transp., vyp. 63, 1965, 89-133

TOPIC TAGS: wind, wind velocity, wind wave, hydrodynamics, motion equation

ABSTRACT: New equations of the wind-wave theory on deep water are proposed. Underlying the solution are equations of a trochoidal wave modified in such a manner as to satisfy the properties of real wind waves. These properties include: asymmetry of the wave profile, elliptic shape of the orbit of movement of the water particles, the presence of a forward speed of the particles, a more rapid fading of the hydrodynamic pressure with depth than that provided by existing theories, and the dependence of the period not only on the length of the wave, but also on curvature. These properties correspond to the parametric equations of motion of water particles proposed by the author in the form

where a, c are coordinates of the particles in still water; R, R_2 are the semiaxes of Card
1/2

ACC NR: AR6024058

the conditional elliptic orbit which depend upon the coordinate c ; $F(c, \theta)$ is a term taking into account the asymmetry of the wave shape; $\theta = \theta(t, a, \lambda, \tau)$ is the phase angle; λ and τ is the length and period of the wave; A is a coefficient taking into account the presence of forward motion of the particles as a result of Stokes flow and drift current. On the basis of the equation of motion and with consideration of the equation of continuity and dynamic equilibrium, the author obtains a series of formulas relating the geometric, kinematic, and dynamic characteristics of the proposed wave shape: height, coefficients of asymmetry, compression of the crest and forward motion of the particles in water, apparent length, period, and wave velocity, etc. The coefficients introduced are determined from the data of full-scale and model observations. The profile of the wave, its kinematics, changes of hydrodynamic pressure with depth, and the character of wind pressure on the surface of the wave are examined thoroughly. In conclusion, engineering problems associated with the use of the obtained relations (rocking of ships, pressure on vertical walls) are examined. [Translation of abstract] Bibliography of 15 titles. G. V. Matushevskiy

SUB CODE: 04,08,20

Card 2/2

BYKOV, Vasil'y Dmitriyevich; VASIL'YEV, Andrey Vasil'yevich;
CHEBOTAREV, A.I., otv. red.; CHEPELKINA, L.A., red.

[Hydrometry] Gidrometriia. Izd.2., perer. i dop. Le-
ningrad, Gidrometeoizdat, 1965. 498 p. (MIRA 19:1)

10

VASIL'YEV, A. Y.

Isomerism of linoleic acid. I. G. V. POULEVSKI AND A. YA. VASIL'YEV. *J. Gen. Chem. (U. S. S. R.)* 1, 235-9 (1931); cf. *J. Russ. Phys.-Chem. Soc.* 48, 1703 (1916); 61, 988 (1929); *C. A.* 23, 4192.—By the method of bromination it was established that linoleic acid (I) is composed of solid and liquid isomers (Nicolet and Cox, *C. A.* 16, 1565). The present investigation proves the isomerism of I by oxidation with BrO_3H , and subsequent hydration. To 45 g. of Me linoleate in 1710 cc. of dry Et_2O was added BrO_3H (5.25 parts of active O_3) in 1 l. of Et_2O , allowed to stand 4 days in the cold, then refluxed 2 hrs., the bulk of Et_2O expelled, BrOH removed with 8% KOH , dried, the Et_2O expelled leaving 45 g. of $\text{Me}(\text{CH}_2)_7\text{CH}=\text{CHCH}_2\text{CH}=\text{CH}-\text{CO}_2\text{Me}$ (II) in the form of a gelatinous mass. This on recrystn. from alc. produced 22.5 g. of the solid isomer, m. 32° , and 22.5 g. of the liquid isomer, which was recrystd. from Et_2O at -78° , both isomers having the empirical formula of II. *Seprn. of the isomers of dihydroxylinoic acid.*—The solid II was sapon. with alc. KOH , the alc. expelled, then the residue decompd. with H_2SO_4 , extd. with Et_2O and the sepd. free acid (III), recrystd. from alc., m. 78° . The liquid II produced the liquid isomer of III. *Hydration of the isomers of III.*—The solid III (2.5 g.) was digested 2 hrs. with 20 cc. of 80% H_2SO_4 at -2° , then carefully poured into cold water, the reaction mass heated 2 hrs. in order water bath, and after standing 2 days, the product was sapon., decompd. with H_2SO_4 , to prevent the formation of anhydrides, the product was sapon., decompd. with H_2SO_4 , and the acid recrystd. from alc., yielding 2.5 g. of tetrahydroxystearic acid (IV), m. 147° . The liquid isomer of III under these conditions produced no positive results. *Conclusions.*—I gives by oxidation as well as by bromination isomeric solid and liquid derivs. Thus Me linoleate produced by oxidation with BrO_3H a liquid and a solid isomer of II, m. 32° , in equal parts, which on sapon. produce, resp., the liquid and the solid isomers of III. The latter, m. 78° , on hydration gives IV, m. 147° , while the former produces no IV.

CHAS. BLANC

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNONYM

SYNONYM

CLASSIFICATION

SOV/19-58-6-504/685

AUTHORS: Gryzlov, D.I., Vasil'yev, A.Ya. and Kutuzov, V.T.

TITLE: A Feeder for Single-Line Grease Systems (Pitatel' k
odnolineynym sistemam gustoy smazki)

ABSTRACT: Class 47e, 28. Nr 113650 (580567 of 15 Jun 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. A feeder for single line grease lubrication systems, containing a spring slide valve with a bushing with a side hole and a cutout; the bushing forces a supply of grease out of the annular hollow to the lubrication point when grease exerts pressure on its inner surface, and is pushed into the initial position by the slide valve when the pressure in the grease line goes down. The design ensures lubrication of distant points.

Card 1/1

SAVIN, I.Ye., mekhanik putevykh mashin; VASIL'YEV, A.Ya., mekhanik putevykh mashin; KUZNETSOV, M.G., inzh. po mekhanizatsii

Need for the modernization of gondola cars. Put' i put.khoz.
7 no.9:47 '63. (MIRA 16:10)

1. Stantsiya Prokop'yevskaya Zapadno-Sibirskoy dorogi.

VASIL'YEV, A.Ye.

Some theoretical problems of spruce tapping. *Gidroliz. i lesokhim.*
prom. 17 no.8:14-15 '64. (MIRA 18:1)

1. Leningradskiy veterinarnyy institut.

1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order.

Card 1/2

ACCESSION NR: AP4047571

ASSOCIATION: none

SUBMITTED: 14Sep63

ENCL: 00

SUB CODE: JE

FILED

Card 2/2

NIKOLAYEV, S.I., red.; SALUKVADZE, V.S., red.; ANDRIANOV, K.I., red.; VASIL'YEV, A.Ya., red.; ZHIKHAREVA, G.P., red.; KRYLOV, P.I., red.; KSHONDZER, G.L., red.; KHRAMIKHIN, F.G., red. [deceased]; CHEREMISINOV, M.M., red. Prinimali uchastiye: ANUCHKIN, M.P., red.; GRIGOR'YEVA, M.B., red.; ZHUKOV, V.I., red.; KALYUZHNYY, N.G., red.; KAMERSHTEYN, A.G., red.; KOZLOVSKAYA, A.A., red.; LAVROVA, N.P., red.; NUSOV, G.I., red.; FAL'KEVICH, A.S., red.; YERSHOV, P.R., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Safety regulations for constructing steel pipelines] Pravila tekhniki bezopasnosti pri stroitel'stve magistral'nykh stal'nykh truboprovodov. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 235 p. (MIRA 13:9)

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