

S/081/62/000/017/062/102
B158/B186

AUTHORS: Millner, Tivadar, Fukker, Károly, Martin, Kornél,
Dvorszky, Magda

TITLE: Procedure for producing alumina of high electric insulating
capacity

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 383, abstract
17K258 (Hungarian patent 148074, March 31, 1961)

TEXT: A coating of corundum is used for insulation of heating coils (for instance, an electron tube) at high temperatures. The authors have found that the electric insulating capacity of this coating is considerably improved if it is introduced as pure α -corundum and burnt in a neutral, but preferably in a reducing, atmosphere. Pure alumina, burnt at 1050°C , is used as raw material. The powder is burnt in a tubular furnace (thermal response to 1500°C - 1 hr, holding at 1550°C - 3 hours, cooling to 1100°C - 1 hour). The alumina must be burnt in a stream of hydrogen, nitrogen, or a mixture of these or any other gas in vacuum. The product is ground in a ball mill with the addition of 0.1% steatite. A film obtained

Card 1/2

Procedure for producing alumina...

S/081/62/000/017/062/102
B158/B186

from this powder by already well-known methods (for example, electro-phoresis) is applied to tungsten coils. The electric insulating capacity of such a film is demonstrated by the fact that among 10 electron tubes incandesced for 1000 hours no breakdown was observed, whereas in the same period of time 6 breakdowns occurred with the same type of lamp using a film-coated coil prepared by an old method. [Abstracter's note: Complete translation.]

Card 2/2

10656

S/196/62/000/017/004/005
E194/E155

26.2351

AUTHORS: Millner, Tivadar; Fukker, Károly; Martin, Kornél;
Dvorszky, Magda.

TITLE: A method of preparing alumina of superior electrical
insulating properties

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.17, 1962, 8, abstract 17 B 70 P. (Hungarian Patent
Cl. 12m, 5-9, no.148074, March 31, 1961).

TEXT: To improve the electrical insulating properties, it is
proposed to purify alumina by heating it to a temperature between
700 and 1700 °C either under vacuum, or in an atmosphere of nitro-
gen or of hydrogen. Alumina is used for the heaters of indirectly-
heated electro-vacuum devices. For example, ground clay is fired
in an atmosphere of hydrogen under the following conditions:
in 0.5 hours the temperature is raised from normal ambient to
1100 °C and then in the next half hour it is raised to 1500 °C.
The temperature is maintained for three hours at 1550 °C and then
is reduced in the course of one hour to 1100 °C and then gradually
Card 1/2

A method of preparing alumina of ... S/196/62/000/017/004/005
E194/E155

to room temperature. The resulting alumina, mixed with 0.1%
steatite and milled in a ball mill, is used for electrical
insulation on the tungsten cores of heaters (in electronic tubes),
being deposited by cataphoresis. The insulation of the heater is
checked by measuring the leakage current when 150 V is applied
between the cathode (which is negative) and the incandescent
tungsten heater. If the alumina has been treated in hydrogen
atmospheres, then of 100 lamps all have leakage current less than
20 microamps, and 60 of them have leakage current less than
5 microamps. If the alumina has been treated in air, of 100 lamps
only 17 have leakage current less than 100 microamps, and 85 are
in the range of 100-900 microamps.

[Abstractor's note: Complete translation.]

Card 2/2

DVORTSAK, J.

KOTSIS, E.; STIRLING, B.; DVORTSAK, J. "Selenium obtained from sulfuric acid with the aid of hydrogen peroxide."

Magyar Kenekusok Lapja, Budapest, Vol 9, No 4, Apr. 1954, p. 120

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

ZHABREV, I.P.; DVORTSEVA, A.A.

Oil and gas potentials of Miocene sediments in Krasnodar Territory.

Trudy KF VNII no.2:67-74 '59.

(MIRA 13:11)

(Krasnodar Territory--Petroleum geology)

(Krasnodar Territory--Gas, Natural--Geology)

DVORTSEVOY, Ivan Terent'yevich

[One hundred and sixty centners of potatoes per hectare]
160 tsentnerov kartofelia s gektara. Kursk, Kurskoe
knizhnoe izd-vo, 1962. 10 p. (MIRA 16:9)
(Kursk Province--Potatoes)

YANKELEVICH, Yelena Isayevna; DVORTSEVAYA, Z.V., redaktor; SHALYGINA, G.A.,
tekhnicheskiy redaktor

[Gymnastics for infants] Gimnastika dlia detei grudnogo vozrasta.
Moskva, Gos. izd-vo "Fiskul'tura i sport," 1956. 68 p. (MLRA 9:9)
(INFANTS--CARE AND HYGIENE)
(PHYSICAL EDUCATION FOR CHILDREN)

ZVORYKIN, V.V.; DVORTSIN, M.M.

Increasing the operative efficiency of the PKS and KSA dryers. Kons. i
ov.prom. 18 no.4:13-15 Ap '63. (MIRA 16:3)

1. Upravleniye "Kiyevenergonaladka".
(Drying apparatus)

L 39987-66 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6018793

(A)

SOURCE CODE: UR/0314/66/000/002/0013/0016

AUTHOR: Dvortsin, M. D. (Engr.); Yakhnina, V. D. (Candidate of Technical Sciences)

ORG: none

TITLE: On the nitriding of stainless steels

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 2, 1966, 13-16

TOPIC TAGS: nitridation, stainless steel / Kh17 stainless steel

ABSTRACT: A study of nitrided layers on armco iron showed that the oxide films present on the latter (Fe_2O_3 , Fe_3O_4) practically do not affect the nature of the nitrided layer. A decrease in surface hardness was observed only after a substantial oxidation (at $400^\circ C$). In the case of specimens of Kh17 steel, a considerable influence on the nitriding was exerted by oxidation of shorter duration and at lower temperatures. It is shown that in order to obtain a high-quality nitrided layer, the furnace temperature should be raised to $780^\circ C$ prior to the nitriding, the articles should be kept at this temperature in a stream of dissociated ammonia for 30 min, then the temperature should be lowered to the desired value, and the nitriding should be performed. This process was tested on Kh17 steel under various nitriding conditions ($t = 550^\circ C$, $\tau = 12$ hr; $t = 600^\circ C$, $\tau = 12$ hr; $t = 600^\circ C$, $\tau = 24$ hr). In all cases, a layer without surface defects was obtained. Annealing (with helium from which oxygen had been removed produced the same results as the process in dissociated ammonia.

Card 1/2

UDC: 669.5:621.785.53

L 39987-66

ACC NR: AP6018793

Hence, the elimination of defects is not related to the action of hydrogen, which was liberated during the dissociation of ammonia. The suggested nitriding process was tested on Kh13, 3Kh13, and specially prepared steels containing 3-20% Ni, 6-21% Cr, 2-12% Mn; 2-18% Ni at a constant chromium content of 18%; 6-21% Cr at a constant nickel content of 9%. The results of the tests were satisfactory. Orig. art. has: 4 figures and 4 tables.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 003

Card 2/2 11h

ACC NR: AP6035584

SOURCE CODE: UR/0378/66/000/005/0049/0056

AUTHOR: Dvortsin, V. I.; Ivanenko, V. I.

ORG: none

TITLE: Structural synthesis of control devices in automatic control systems based on threshold-element networks

SOURCE: Kibernetika, no. 5, 1966, 49-56

TOPIC TAGS: structural synthesis, automatic control system, control theory, logic design

ABSTRACT: In cases where a particular controlled object (CO) is characterized by the relation $\bar{x} = \varphi(\bar{u})$ (where \bar{x} is the outputs of CO, φ is the corpus of control-device strategies and \bar{u} is the control actions), the problem of constructing the optimal controlling device (CD) reduces to the solution of a variational problem, e.g. to the minimization of the functional Q determining the quality of the automatic control system:

$$\min Q = \min_{\psi(\bar{x})} Q[\varphi(\bar{u}), \psi(\bar{x})], \quad (1)$$

Card 1/3

UDC: 519.95

ACC NR: AP6035584

where $\psi(\bar{x})$ represents the variable strategy of CD and $\psi^*(\bar{x})$ corresponds to the optimal strategy. Generally speaking optimal CD strategies are complex functions of measurements of the variables characterizing the state of CO at a time instant t , and they may be either probabilistic or determinate. A characteristic property of CD strategies in automatic control systems is their dependence on time or on some parameter, which will be considered as

$$u = \psi(\bar{x}, \bar{\omega}) \in \Psi, \quad (2)$$

where $\bar{\omega}$ is the vector of the strategy-determining parameters. In automatic control theory the determination of the control strategy in an explicit form or the construction of the algorithm for minimization of the functional Q is usually regarded as the solution of the problem of constructing the CD. From the standpoint of the general theory of automata, however, this is a solution of the problem of abstract synthesis alone, leaving still unsolved the other part of the problem of automaton design, namely structural synthesis. V. I. Ivanenko and J. T. Tou (On the Design of Learning Systems for Control. "Learning, Adaptation and Control in Information Systems," Spartan Books, New York, 1963) proposed a new approach to the solution of the problem of structural synthesis, namely, the construction of a structural diagram realizing the control strategy $\psi(\bar{x}, \bar{\omega})$ on the basis of an array of threshold elements with memory. The authors show that the further development of this approach can lead to the synthesis of logic

Card 2/3

ACC NR: AP603558A

networks based on threshold elements (TE), with the TE corresponding to and realizing a controllable Boolean function $\lambda(\bar{v})$ -- the so-called threshold function. It is shown that, given a particular strategy mapped by a particular logic operator, it is possible to determine the structure of an automaton. One and the same structure (or logic network) of TE admits the realization of a set of different logic operators. On transition from one logic operator to another only the weight coefficients and thresholds undergo change, i.e., by acting on the coefficients and thresholds it is possible to control the operator of a given logic network. It is further shown that the structure of the logic network is unambiguously determined by the connectedness of the Boolean functions realizing its logic operator. "The authors avail themselves of this occasion to express their gratitude to V. M. Glushkov and V. G. Bodnarchuk as well as to participants in the Seminar on Adaptive Control Systems at the Institute of Cybernetics, Academy of Sciences UkrSSR, for discussion of this project and valuable comments." Orig. art. has: 8 figures, 1 table, 29 formulas.

SUB CODE: ~~09~~, 09, 12 / SUBM DATE: 26Feb66/ ORIG REF: 005/ OTH REF: 002

Card 3/3

DVORTSIN, V. I.

AUTHORS: Svechnikov, S. V., and Dvortsin, V. I.

109-3-13/23

TITLE: Certain Properties of Noise in CdS Photo-Resistors
(nekotoryye kharakteristiki shuma v CdS-fotosoprotivlen-
iyakh)PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol.III, No.3,
pp. 409 - 414 (USSR).

ABSTRACT: An investigation was carried out on two types (ФСК-М and ФСК) of Soviet-made CdS photo resistors. The first type was in the form of a monocrystal, while the second was made of polycrystalline, copper- or iron-activated powder. Both types of the photo resistor were characterised by high internal resistance (normal above $10^8 \Omega$). For the measurements, a given photo resistor was inserted in a biasing circuit having the form of a difference amplifier (see Fig. 2). Curves of noise current as a function of the illumination of the photo resistors are shown in Fig. 3; Curve 1 relates to the photo resistor, type ФС-К1 and Curve 2 to the photo resistor ФСК-М1. From these graphs, it follows that the noise current can be expressed by:

$$I_{\text{ш}} = AL^n \quad (4)$$

Card 1/2 where A and n are constants and L is the illumination in

Certain Properties of Noise in CdS Photo-Resistors

109-3-13/23

luxes. Fig. 3 shows also two typical lux-ampere characteristics of the photo resistors (Curves 5 and 6). Spectral response characteristics of the photo resistors, both for noise and photo current, are shown in Fig.4. It is found that the noise and the current have a maximum at about the same wavelength (about 5 000 Å). Also, the noise and current were measured as a function of the voltage applied across the photo resistor; the resulting experimental curves are shown in Fig.5. Noise spectrum of the photo resistors for various illuminations is shown in Fig.6; from this, it follows that the noise spectral density can be expressed by:

$$(\bar{I}_w)_f = Qf^{-\gamma} \quad (6)$$

where f is frequency, Q is a constant and γ is a constant approximately equal to 0.3.

There are 6 figures and 21 references, of which 7 are Russian, 9 English, 4 German and 1 French.

SUBMITTED: First submitted October 1, 1956 and finally, after correction, May 17, 1957.

AVAILABLE: Library of Congress
Card2/2

DVORTSINA, Ye. I.

NESTEROV, V.P.; DVORTSINA, Ye. I.

Determining stiffness standards for shoe uppers made of Russian
leather. Leg.prom. 17 no.7:40 J1 '57. (MLRA 10:9)
(Shoe industry) (Leather)

ANOF, A. I.; RADOVSKIY, A. L. [Radovs'kiy, A. L.]; DVORTSINA, Ye. I. [Dvortsyna, Ye. I.]

Manufacture of slipper type indoor footwear on AGV-12 presses. Lab. prom.
no. 3:29-30 Je - Ag '62. (MIRA 16:2)

1. Kiyevskaya obuvnaya fabrika No. 1.
(Shoe manufacture)

TOLOCHKOV, M., polkovnik; KUZ'MENKO, N., general-mayor tankovykh voysk;
DVORTSOV, F., podpolkovnik; KOVALEV, F., podpolkovnik; KOLESHNIKOV, I.,
gvardii general-mayor; ROMANOV, M., polkovnik; KALINOVSKIY, V.,
polkovnik; BOZHKO, I., podpolkovnik; PAVLOVICH, A., podpolkovnik

We discuss projects of new general Army regulations. Voen. vest.
38 no. 8:2-10 Ag '58. (MIRA 11:7)
(Russia--Army--Regulations)

DVORTSOVA, K.I.

Devonian volcano of the central type in the Chu-Ili Mountains.
Trudy Lab. paleovulk. Kazakh. gos. un. no.56:189-193 '63.

(MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii
institut.

(Chu-Ili Mountains--Volcanoes)

DVORTSOVA, K.I.

On the Devonian intrusive volcanic complex in the Chu-III
Mountains. Dokl. AN SSSR 148 no.1:166-169 Ja '63.

(MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii insti-
tut. Predstavleno akademikom D.S. Korzhinskim.

(Chu-III Mountains--Rocks, Igneous)

DVORTSOVA, K.I.; GORTSEVSKIY, A.A.

Distribution of uranium and some other admixture elements in
Devonian igneous rocks. Trudy VSEGEI 95:71-81 '63.

(MIRA 17:11)

DVORTSOVA, K.I.

New data on the stratigraphy of Devonian sedimentary and volcanic formations in the Chu-Ili Mountains (Kazakhstan). Dokl. AN SSSR 160 no.6:1368-1371 F '65. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
Submitted August 1, 1964.

BCRODZYUK, G.G.; STEPANOV, G.N.; DRIATSKIY, N.M.; IONTOV, L.Ye.; KOVALEV,
S.M.; BLOKHIN, A.S.; DVORTSOV, L.D.; LUGOVSKOY, N.Ye.; MERKULOV,
A.G.; SMIRNOV, B.P.; ROGINSKIY, E.M.; BALAN-IL'YEVSKAYA, I.A.;
IZRAILIT, S.G.; GRANAT, M.B.; ZARIN, S.A., otv.red.; FEDOROVSKAYA,
L.N., red.; MARKOCH, K.G., tekhn.red.

[Multichannel apparatus for high-voltage telephony on overhead
lines and cables] Mnogokanal'naya apparatura vysokochastotnogo
telefonirovaniya po vozduzhnym i kabel'nym liniyam svyazi. Moskva,
Gos.izd-vo lit-ry po voprosam svyazi i radio, 1959. 511 p.

(MIRA 14:1)

(Telephone--Equipment and supplies)

STEPANOV, G.N., inzh.; PARR, G.K., inzh.; DVORTSOV, L.D., inzh.

Connecting apparatus for multiplexing apparatus of R-60/120 radio
relay systems. Vest. svyazi 24 no.1:7-9 Ja '64. (MIRA 17:3)

DVORTSOV, Y. (Tallinn)

Juta Udusaar is the national champion. Voen. znani. 35 no.7:29
Jl '59. (MIRA 12:12)
(Estonia--Target practice)

DVORTSOV, V.

The chief judge. Za rul. 18 no.2:12 F '60.
(MIRA 13:6)

(Chkalov, Valerii Pavlovich, 1904-1938)

DVORTSOV, Ye.F.

DVORTSOV, Ye.F.

Instrument for recording motion tracks of tractors. Avt.i trakt.
prom. no.7:30-32 J1 '57. (MIRA 10:11)

1. Sredneaziatskiy institut mekhanizatsii i elektrifikatsii
oroshayemogo zemledeleya.
(Tractors) (Recording instruments)

DVORITSOV, Ye. F., Cand Tech Sci -- (diss) "Investigation of Factors
Determining the Accuracy of Following Rows of Plants with Operating
Equipment Having Hinged Assembly," Tashkent, 1960, 28 pp, 200 copies
(Joint Council of the All-Union Sci-Res Institute of Agricultural
Mechanization, "VIM" and the All-Union Sci-Res Institute of Agricultural
Electrification, "VIESKh") (KL, 47/60, 102

ZHABREV, I.P.; DVORTSOVA, A.A.; FEYGIN, M.V.

Oil and gas potentials of the frontal trough of the western Kuban
Lowland. Trudy Kf VNIIL no.3:155-179 '60. (MIRA 13:11)

(Kuban Lowland--Petroleum geology)

(Kuban Lowland--Gas, Natural--Geology)

ZHABREV, I.P.; DVORTSOVA, A.A.

Characteristics of oil and gas distribution in Neogene deposits in
the western part of the ~~southern~~ edge of the western Kuban trough.
Trudy KF VNII no.6:23-37 '61. (MIRA 15:2)
(Kuban-Azov Lowland--Petroleum geology)
(Kuban-Azov Lowland--Gas, Natural--Geology)

ZHABREV, I.P.; DVORTSOVA, A.A.

Types of oil and gas pools in Miocene sediments in the southern edge of the western Kuban marginal trough and methods of prospecting for them. Trudy KF VNII no.10:19-27 '62. (MIRA 15:11)

(Kuban Lowland--Petroleum geology)
(Kuban Lowland--Gas, Natural--Geology)

DVORTSOVA, K.I.;GORETSKAYA, Ye.N.

Method for making metallogenic maps. Mat. VSEGEI no.22:129-142
'57. (MIRA 10:10)

(Ore deposits--Maps)

3(0)

AUTHOR:

Dvortsova, K. I.

SOV/20-123-5-38/50

TITLE:

Cambrian Phosphorite Containing Sediments in the Mountains of Kandyktas (South Kazakhstan) (Kombriyskiye fosforitonosnyye otlozheniya v gorakh Kandyktas (Yuzhnyy Kazakhstan))

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 5, pp 907 - 909 (USSR)

ABSTRACT:

The phosphorite, phosphate enriched carbonate, and gravelly rocks discovered by the authoress in the mountains of Kandyktas were previously (B. K. Terletskiy, N. N. Kostenko, A. A. Mastryukova, and others) tentatively assigned to the Proterozoic. The authoress has found Middle Cambrian trilobite remains in these rocks, in metamorphosed marine geosynclinal sediments (northeast limb of the Kandyktas anticlinorium). This discovery has resulted in a revision of the Precambrian and Lower Paleozoic stratigraphy in this region. The authoress divides the Cambrian sediments of the region into: 1) An Sugandinskaya (lower) suite, 700 - 1000 m thick, and 2) An Narkyzylskaya (upper) suite, 900 - 950 m thick. N. Ye. Chernysheva and N. K. Ivshin identified 4 trilobite species from the latter,

Card 1/3

Cambrian Phosphorite Containing Sediments in the Mountains SOV/20-123-5-38/50
of Kandyktas (South Kazakhstan)

which indicate the upper part of the Middle Cambrian. The Narkyzylskaya suite lies concordantly on the Sugandinskaya. The boundary between the two suites is conditionally drawn at the first appearance of carbonate rocks, which, along with phosphorites, are characteristic for the Narkyzylskaya suite. As a rule, the rocks of the Narkyzylskaya suite contain increased phosphorous concentrations, which, however, usually do not exceed 2-5%, but do reach 10-20% in individual cases. Small phosphorite lenses with a P_2O_5 content of 27-32% occur in limestone horizons (5 m thick) exposed on the right bank of the Narkyzyl River. The phosphorite has an colite-like structure. According to B. B. Rozina the phosphorite material was deposited as a colloid and was later transformed into fluorapatite. L. I. Chuyenko carried out chemical analyses which are described. The vanadium content (0.1 - 1%) is striking. The phosphorite and vanadium content of the Cambrian sediments in the Kandyktas Mountains are similar in many ways to that of the Karatau- and Ulutau Ranges, whose rocks belong to the lower part of the Middle Cambrian (Ref 1). On the basis

Card 2/3

Cambrian Phosphorite Containing Sediments in the Mountains SOV/20-123-5-38/50
of Kandyktas (South Kazakhstan)

of the fauna one may conclude that the upper part of the
Narkyzylskaya suite belongs to the Upper Cambrian. There is
1 Soviet reference.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut
(All-Union Scientific Geological Research Institute)

PRESENTED: July 25, 1958, by D. V. Nalivkin, Academician

SUBMITTED: July 16, 1958

Card 3/3

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BANDALETOV,
S.M.; BOSPALOV, V.F.; BOGDANOV, A.A.; BOROVNIKOV, L.I.; BORSUK,
B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA,
K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.;
KOPYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KURDYUKOV,
K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.;
MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.;
NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.;
RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.;
SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA,
V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.;
NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKRUISHIN,
V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan]
Geologicheskoe stroenie Tsentral'nogo i Iuzhnogo Kazakhstana.
Leningrad, Otdel nauchno-tekhn.informatsii, 1961. 496 p.
(Leningrad. Vsesoyuznyi geologicheskii institut. Materialy, no.41)
(MIRA 14:7)

(Kazakhstan—Geology)

DVORTSOVA, T., inzh.

From farmsteads to well-organized settlements. Sel',stroi. 14 no.9:
26-27 S '59. (MIRA 12:11)
(Latvia—City planning)

DVORTSOVA, YE. I.

25794. DVORTSOVA, YE. I. Preparaty DDT i GXTSG dlya opryskivaniya. Trudy Vsesoyuz. In-ta zashchity rasteniy, vyp. 2, 1949, s. 195-204--Bibliogr: 9 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

DVORTSOVA, Ye. I.

USSR/Biology (Agriculture) - Insecticides Apr 52

"Toxication of Plants With Organic Insecticides,"
Ye. N. Kozlova, Cand Agr Sci, Ye. I. Dvortsova,
All-Union Inst of Plant Protection

"Dok v-s Ak Selkhoz Nauk" Vol XVII, No 4, pp 41-48

Toxication of plants with DDT hexachlorocyclo-
hexane through the root system, on the basis of
expts described, not only protects plants against
insect pests susceptible to intestinal poisons,
but also stimulates the growth of plants thus
treated. In the case of Eur. integriceps on cereal
crops, introduction of DDT through the roots proved

20773

USSR/Biology (Agriculture) - Insecticides Apr 52
(Contd)

effective, while spraying with a DDT-petroleum oil
aerosol was not. Thiphos can also be introduced
through the soil and roots. Spraying of leaves
with highly toxic insecticides like DDT, hexa-
chlorocyclohexane, No 47, or thiphos also results
in penetration of the insecticide into the tissues
of the plants.

20773

DVORTSOVA, Ye. I.

USSR / General and Specialized Zoology. Insects. P
Insect and Mite Pests:

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44803

Authors : Kozlova, Yo. N.; Smirnova, A. A.; Stativkin, V. G.; Dvortsova, Ye. I.

Inst : All-Union Institute for Plant Protection
Title : The Basis and Development of Methods for the Protection of Cotton from Sucking Pests Using Systemic Insecticides.

Orig Pub : Tr. Vses. in-ta zashchity rast., 1956, vyp. 7, 9-32.

Abstract : According to experiments made by the All-Union Institute for Plant Protection the length of action by mercaptophos (M) and octamethyl (O) on sucking pests of cotton depended on the concentration of the insecticide in the plant fibres, which was determined by the spraying rate of

Card 1/3

BISYARINA, V.P., dotsent; SAVCHENKO, V.A.; KHLYNOVA, Z.N.; FEDINA, Ye.A.;
DVORTSOVA, Z.I.; GLADYSHEVA, A.M.

Treatment and prophylaxis of rickets in children by massive doses
of vitamin D at a district medical center. Vop.okh.mat. i det. 4
no.6:64-67 N-D '59. (MIRA 13:4)

1. Iz kafedry detskikh bolezney Omskogo meditsinskogo instituta
imeni M.I. Kalinina i Detskoy gorodskoy klinicheskoy bol'nitsy.
(VITAMINS--D) (RICKETS)

BOGUSLAVSKIY, A., inzh.; DVORTSYN, R., inzh. (Kiyev).

Preparation and packaging of shoe polish are mechanized.
Prom.koop. 13 no.10:20 0 '59. (MIRA 13:2)
(Kiev--Shoe polish)

DVORYADKIN, A.I.

USSR/Geography - Bulgarian Periodicals, Mar/Apr 52
Russian Translations

"Criticism and Bibliography: A New Bulgarian Journal,
A. I. Dvoryadkin; and Translation of Book, A. S. Do-
brov and A. M. Neyfakh,"

"Iz Ak Nauk SSSR, Ser Geograf No 2, pp 74-80

1. Starting Sep 50, a scientific-popular journal,
entitled "Geographia," of the Bulgarian Geog Soc
is being published in the People's Republic of Bul-
garia. Describes the various articles that have
appeared. 2. Reviews the Russian translation of the
English-language book "The British Isles," by D.
Stamp and S. Biber; translated by G. G. Karaniza
219T55

under the editorship of I. A. Vitver, and published
by the State Press of Foreign Lit, Moscow, 1948, 700
pp. States that the book describes the crisis of
capitalism.

219T55

GYLYBOV, Zh.S. [Gulubov, Zh.]; IVANOV, Il.; PENCHEV, P.; MISHEV, K.;
NEDELICHEVA, A.; DVORYADKIN, A.I., kand.geograf.nauk [translator];
RETEYUM, Yu.A., red.; BELEVA, M.A., tekhn.red.

[Physical geography of Bulgaria] Fizicheskaya geografiya
Bolgarii. Moskva, Izd-vo inostr.lit-ry, 1960. 361 p. Translated
from the Bulgarian. (MIRA 14:3)

1. Direktor Instituta geografii Bolgarskoy akademii nauk,
chlen-korrespondent Bolgarskoy akademii nauk (for Gylybov).
(Bulgaria--Physical geography)

PEREMYKIN, Vasily Il'ich; SUSLOV, Viktor Maksimovich; DVORYADKIN,
Nikolay Ivanovich; BANNIKOV, N.A., red.; ZAPIVAKHIN, A.I.;

red.

[Possibilities for lowering the cost of producing corn and
sunflowers] Rezervy snizhenia sebestoimosti proizvodstva
kukuruzy i podsolnechnika. Moskva, Gos.isd-vo sel'khoz.lit-ry,
1959. 137 p. (MIRA 14:2)

(Corn (Maize))

(Sunflowers)

DVORYAIDIN, M.I., kand.ekon.nauk; YEROSHIN, Y.V.

Economic considerations in the growing of oil-producing crops
in the Omsk Province. Masl.-shir.prom. 26 no.6:13-16
Je '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh i
efiromaslichnykh kul'tur.
(Omsk Province--Oilseeds)

PEREMYKIN, Vasiliy Il'ich, kand. sel'khoz. nauk; DVORYADKIN,
Nikolay Ivanovich, kand. ekon. nauk; FREYDMAN, S.M., red.;
DOZLOVSKAYA, M.D., tekhn. red.; OKOLELOVA, Z.P., tekhn.red.

[Economics of oilseed plant production] Ekonomika proiz-
vodstva maslichnykh kul'tur. Moskva, Sel'khozizdat, 1963.
346 p. (MIRA 16:12)

(Oilseed plants--Economic aspects)

S/137/62/000/003/184/191
A154/A101

AUTHORS: Mal'tsev, V. F.; Dvoryadkina, Ye. V.

TITLE: Photocolorimetric determination of tungsten in high-alloy steels and alloys without separation of the accompanying elements

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 5, abstract 3 K 21 (Sb. "Proiz-vo trub". Vyp. 4. Khar'kov, Metallurgizdat, 1961, 161 - 162)

TEXT: 0.1 g of sample is dissolved in a 100 ml conical retort in 15 ml mixture of acids ($H_3PO_4 + H_2SO_4$), 5 ml of HCl and 5 ml of HNO_3 , the contents of the retort are concentrated by evaporation until the SO_3 gases are liberated, cooled, 50 ml of hot water is added, and the product heated until dissolving of the precipitated H_2WO_4 . The obtained transparent solution is then poured over into a 100-ml retort and brought up to the mark with water. From here 20 ml is aliquotted into a 50 ml retort, 20 ml HCl, 3 ml KSCN, 4 ml $SnCl_2$ and 2 ml $Ti(SO_4)_2$ are added, and the contents brought up to the mark with HCl. After 5 minutes the solution examined colorimetrically on a Φ ЖК-М (FEK-M) with the use of a blue

Card 1/2

Photocolorimetric determination

S/137/62/000/003/184/191
A15⁴/A101

light filter. In the case of a W content $\leq 3\%$, a tray with a 20 mm thick layer is used, and for larger contents - 10 mm.

L. Vorob'yeva

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/005/150/150
A052/A101

AUTHORS: Mal'tsev, V. F., Dvoryadkina, Ye. V.

TITLE: Photocolorimetric method of determining Mo in nickel-base alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 8, abstract 5K50
(V sb. "Proiz-vo trub", Khar'kov, Metallurgizdat, no. 6, 1962, 147-150)

TEXT: A 0.1 g portion is dissolved in 25 ml acid mixture. After dissolving the content of the retort is concentrated to the point of SO₃ vapor liberation, cooled, 50 ml hot water is added to it and the whole is heated until the precipitate dissolves. After that the content of the retort is brought over in a 200 ml retort and water is added to the mark. 5 ml is brought over in a 100 ml retort, 35 ml sulfurous-hydrochloric acid mixture, 45 ml water, 3 ml KSCN solution and 4 ml SnCl₂ are added, then water is added to the mark, and after 15 minutes the colorimetry is performed on Ф9K-M (FEK-M) unit in a vessel with a layer 20 mm thick, using a blue light filter.

L. Vorob'yeva

[Abstracter's note: Complete translation]

Card 1/1

DVORYAK, L.A.

31014. DVORYAK, L.A.

O lechenii troficheskikh yazv. Vracheb. delo. 1949, No. 10, stb. 945-46

1. DVORYAKOVSKIY, V. A.
2. USSR (600)
4. Medical Instruments and Apparatus
7. Mechanization of production processes at medical instrument plants.
Med. prom. no. 6 1952.

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

DVOBYAKOVSKIY, V.A.

~~Specialization in the medical instruments industry. Med.prom. 10 no.3:~~
13-16 J1-S '56. (MIRA 9:11)

1. Glavnoye upravleniye mediko-instrumental'noy promyshlennosti.
(MEDICAL INSTRUMENTS AND APPARATUS)
(INSTRUMENT INDUSTRY)

DVORYAKOVSKIY, V.A.

Medical instruments industry in Czechoslovakia. Med.prom. 11 no.1:
58-62 Ja '57. (MIRA 10:2)
(CZECHOSLOVAKIA--MEDICAL INSTRUMENTS AND APPARATUS)

DVORYAKOVSKIY, V.A.

Design and production of apparatus and instruments for diagnosing and treating diseases of the cardiovascular system during the sixth five-year plan. Med.prom. 11 no.6:22-24 Je '57. (MIRA 10:8)

1. Glavnoye upravleniye mediko-instrumental'noy promyshlennosti
(MEDICAL INSTRUMENTS AND APPARATUS)
(CARDIOVASCULAR SYSTEM--DISEASES)

DVORYAKOVSKIY, V.A.

Technical aid from the Soviet Union to foreign countries in the
development of medical industry. Med. promyshl. SSSR 17 no.8:
3-5 Ag'63 (MIRA 17:2)

1. Upravleniye vnesmikh snosheniy Ministerstva zdravookhra-
neniya SSSR.

VOLOSHCHENKO, Ye.A.; DVORYANCHIK, V.I.; IL'CHENKO, Ye.I.; TOPOL'SKAYA, T.A.;
CHISTYAKOVA, A.M.

Organization of sanitary supervision by a province sanitary-
epidemiological station to control the use of poisonous chemicals
for the treatment of food crops and animals on farms. Vop.pit. 24
no.3:83-84 My-Je '65. (MIRA 18:12)

1. Kafedra gigiyeny pitaniya Donetskogo meditsinskogo instituta,
Donetskaya i Lyganskaya oblastnyye sanitarno-epidemiologicheskiye
stantsii. Submitted June 16, 1964.

DVORYANCHIKOV, Boris Alekseyevich; KHVOSTOVA, D.M., red.

[How to organize communist labor schools] Kak organizovat' shkoly kommunisticheskogo truda. Moskva, Profizdat, 1965. 60 p. (Bibliotekha profsoiuznogo aktivista, no.6(102))
(MIRA 18:8)

DVORYANCHIKOV, G.I.

Preheating diesel fuel in the fuel tank of the PPR tracklayer.
Torf.prom. 34 no.5:34 '57. (MIRA 10:10)

1. Komsomol'skoye transportnoye upravleniye.
(Diesel fuels) (Electric heating)

DVORYANCHIKOV, G.I.

Simplified setting of rings on the rotor shaft of electric motors.
Torf. prom. 36 no.5:35-36 '59. (MIRA 13:1)

1. Komsomol'skoye transportnoye upravleniye.
(Electric motors)

DVORYAUCHIKOVA, J.N.

PHASE I BOOK EXPLOITATION

SOV/4668

Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka

Metody analiza produktov proizvodstva sinteticheskogo kauchuka (Methods for Analyzing Products Obtained in the Manufacture of Synthetic Rubber)
Leningrad, Goskhimizdat, 1960. 121 p. Errata slip inserted. 4,000 copies printed.

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni akad. S.V. Lebedeva.

Ed.: Ye. I. Shur; Tech. Ed.: T.A. Foskina.

PURPOSE: This book is intended for scientists and technical personnel of chemical laboratories of the synthetic rubber, resin, petroleum, natural gas, textile, tanning, and other industries. It may also be used as a textbook for chemistry students in higher educational institutions and technicians.

COVERAGE: The book contains 20 articles reviewing methods for analyzing raw materials and intermediate products used in the manufacture of synthetic rubbers and

Card 1/5

Methods for Analyzing Products (Cont.)

SOV/4668

elastomeric substances and that were developed at the All-Union Scientific Research Institute for Synthetic Rubber imeni S.V. Lebedev and at Soviet synthetic rubber plants. No personalities are mentioned. References accompany the articles.

TABLE OF CONTENTS:

Isakova, N. A., A.M. Rakhmanina, and Z.N. Orlova. Determination of Hydrocarbons of Normal Structure in Mixture With Hydrocarbons of Isostructure (For the Fraction C ₅)	3
Isakova, N.A., A.M. Rakhmanina, and Z.N. Orlova. Colorimetric Determination of Isoprene in the Presence of Piperylene by Reaction Acetate of Mercury	10
<u>Dvoryanchikova, V.N.</u> Determination of Diethyl Ether and Amylenes in Byproducts of Synthetic Rubber Production	14
X Dvoryanchikova, V.N. Refractometric Method of Determining Piperylene	19
X Dvoryanchikova, V.N. Determination of Diethyl Ether, Amylene and Piperylene in the Residuum From the Distillation of 1,3-Butadiene	27
Cont 2/c	

Methods for Analyzing Products (Cont.)

SOV/4668

- Megilevskaya, R.A., and A.N. Kaganova. Determination of Diacetylene and Vinylacetylene in Pyrolysis Gases and Acetylene Concentrate Obtained From the Oxidational Pyrolysis of Methane 32
- Dolgopel'skiy, I.M., and S.N. Vakhlov. A Quantitative Method of Analyzing Technical Chloroprene and Fluoroprene 41
- Polikarpova, V.E., and A.N. Kaganova. Determination of Methyltrichlorosilane in Dimethyldichlorosilane 50
- Isakova, N.A., and A.M. Rakhmanina. Determination of Substituted Piperidines in Products Obtained in the Production of Methylvinylpyridine Rubber 56
- X Dvoryanchikova, V.N. A Visual Method of Determining Water in a 1,3-Butadiene Distillate by Freezing Out 62
- Polikarpova, V.F., and A.N. Kaganova. Determination of Unsaturation of Complex Polyesters 66

PODDUBNYI, A.F.; BORINA, M.Ya.; DVORYANETS, O.V.

Adaptation of the Ziehl-Neelsen single-stage staining method for
a large quantity of smears. Lab. delo 7 no.12:44-45 D '61.
(MIRA 14:11)

1. Mikrobiologicheskaya laboratoriya (zav. - prof. R.O.Drabkina)
Ukrainskogo instituta tuberkuleza imeni F.G.Yanovskogo.
(STAINS AND STAINING (MICROSCOPY))

SKACHKOV, I.Ye. inzh.; DVORYANINOV, G.I., inzh.

We need dependable elevators. Neftianik 5 no.10:14 0 '60.

(MIRA 13:10)

1. Gosgortekhnadzor AzerSSR.
(Hoisting machinery)

ADESTOV, G.N.; BORISOV, V.I.; DVORYANINOV, N.V.; DUBKOV, V.B.;
KUZOVKIN, V.N.; MIKHAYLOV, S.B.; TUZHILKIN, V.G.;
CHERNOMASHINTSEV, A.I.; SHIKHOV, B.N.; YAKUBOVICH,
I.Ye.; UL'YANETSKIY, A.M., nauchn. red.; PROSVIRIN, A.D.,
otv. red.; MONAKHOVA, N.F., red.; KOGAN, F.L., tekhn. red.

["Motor vehicles of the U.S.S.R." catalog; the GAZ-51,
GAZ-51A, GAZ-63 and GAZ-63A motortrucks; structural changes
and the interchangeability of parts and units] Katalog-
spravochnik "Avtomobili SSSR: avtomobili GAZ-51, GAZ-51A,
GAZ-63, GAZ-63A; konstruktivnye izmeneniya i vzaimozamenia-
emost' detalei, uzlov i agregatov. Moskva, 1963. 74 p.
(MIRA 16:12)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy in-
formatsii po avtomatizatsii i mashinostroyeniyu. 2. Glavnyy
konstruktor Gor'kovskogo avtomobil'nogo zavoda (for
Prosvirin).

(Motortrucks--Catalogs)

MEDZHIBOZHSKIY, M.Ya., doktor tekhn. nauk; KURAPIN, B.S.; GEYNEMAN, A.V.;
DVORYANINOV, V.A.; MOISEYENKO, A.I.; LOSHCHEV, V.Ya.

Nitrogen-content in the metal during the blowing of the
open-hearth furnace bath with compressed air. Met. 1
gornorud. prom. no.6:23-26 N-D '65. (MIRA 18:12)

ACC NR: AP7001227

(N)

SOURCE CODE: UR/0401/66/000/012/0022/0023

AUTHOR: Antonov, A. (Senior Sergeant, Commander of Launch Installation);
Dvoryaninovich, I. (Petty Officer First Class); Karasev, A. (Chief Petty Officer)

ORG: None

TITLE: Winter is a stern teacher

SOURCE: Starshina-serzhant, no. 12, 1966, 22-23

TOPIC TAGS: military training, military personnel, guided missile personnel, ordnance personnel, torpedo, equipment winterization, combatant ship

ABSTRACT: "Launcher operators take examinations." [A. Antonov] Frost and frozen ground cause launcher crews great difficulties when launcher carriage spades cannot be freed. It is recommended that preventive measures include the setting of fewer spades, lubricating them, and preparing the ground for their pods with a mixture of sand, or slag. The difficulties encountered with cables in cold weather, and the preventive measures taken, are described. Experienced launch batteries lubricate the launcher thoroughly, and cover parts with oily rags.

"Cuttermen are ready for freezing weather." [I. Dvoryaninovich] The procedures used by enginemen and electricians of battle cutters to prepare for winter operations

ACC NR: AP7001227

in the Red Banner Northern Fleet are described. Diesel care and maintenance are discussed and the importance of fire prevention measures is emphasized, as is the need to keep fuel free of water. Several instances of damage caused by carelessness are cited.

"Remember this, torpedoman!" [A. Karasev] The work required of torpedomen to maintain their weapons in readiness during the wintertime is complicated by a great many tests and additional operations. Antifreeze solutions must be carefully prepared and kept within strictly designated limits. Winter grades of lubricants must be used and grease fittings must be checked for water tightness. The results of carelessness and failure to comply with regulations are cited, and the results obtained by strict compliance are noted with favor. Orig. art. has: 2 figures.

SUB CODE: ¹⁵~~25~~/SUBM DATE: None

OSTROVSKIY, Yu.M.; LUKASHIK, N.K.; RAZUMOVICH, A.N.; BALAKLEYEVSKIY, A.I.;
DOSTA, G.A.; TREBUKHINA, R.V.; LARIN, R.S.; KARPUT', S.N.;
KOMAROVA, B.P.; NEPOCHELOVICH, N.S.; DVORYANINOVICH, L.N.;
MOYSEYENOK, A.G.; MANDRIK, K.A.; GALITSKIY, E.A.; MATYSIK, M.S.;
PODOBED, V.G.; MAKARINA-KIBAK, L.Ya.

Differentiation of specific and nonspecific metabolic shifts
in an acute avitaminosis B₁ caused by oxythiamine. Vop.pit.
24 no.4:41-48 J1-Ag '65. (MIRA 18:12)

1. Kafedra biokhimii (zav. - dotsent Yu.M.Ostrovskiy)
meditsinskogo instituta, Grodno. Submitted July 23, 1964.

DVORYANKIN, F. prof.

Darwinism and agricultural science. Nauka i pered. op. v sel'khoz
9 no.10:5-9 0 '59 (MIRA 13:3)

1. Zaveduyushchiy kafedroy darvinizma Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonosova.
(Biological research) (Agricultural research)

DVORYANKIN, F. A.

42159: DVORYANKIN, F. A. - Osnovy michurinskoy biologicheskoy nauki. Yestestvoznaniye v shkole, 1948, No. 5, c. 16-22.

50: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

DVORYANKIN, F. A.

"The Teachings of K.A. Timiryazev about Democratic Biological Science," Yestestboznaniye v Shkole, No 4, 1949.

Editorial Board, Seleksiya i Semenovodstvo.

DVORYANKIN, F. A.

Dvoryankin, F. A. - "In memory of I. V. Michurin," (On the 14th anniversary of his death), *Selektsiya i semenovodstvo*, 1949, No 6, p. 6-17, with portrait

SO: U-5240, 17, Dec. 53, (*Letopis 'Zhurnal 'nykh Statey*, No. 25, 1949).

DVORYANKIN, F. A.

25616

Bankrotstvo Teorii Sluchaynosti V Evolyutsionnom Uchenii. Seleksiya i semenovodstvo,
1949, No. 8, S. 61-68
Istoricheskoe Znachenie Avgustovskoy Sessii Vaskhnil V Razvitii Agronomicheskoy
Nauki -- Sm. 25793

SO: LETOPIS No. 34

DVORYANKIN, F. A.

"Michurin's Theory of the Development of the Organic World," Moskva, Uchpedgiz, 1951.

MLRA Oct 52

DIWORIANIN, F. A.

"For Darwinism in Embryology." (p. 321-45) by Diworianin, F. A.

SO: Uspokhi Sovremenoj Biologii, 1951, Vol. XXXI, No. 3

DVORYANKIN, F.A.

SAKHAROV, P.P., professor[author]; DVORYANKIN, F.A., redaktor.

[Inheritance of acquired characteristics] Nasledovanie priobretaemykh
svoistv. Pod obshchei red. F.A.Dvoriankina. Moskva, Sovetskaia nauka,
1952. 334 p. (MLBA 6:11)

(Inheritance of acquired characters)

DVORYANKIN, F. A.

"Darwinism is the Basis for the Materialistic Study of Living Nature," Est. v
Shkole, No.3, 1952

DVORYANKIN, F. A.

"Work Methods in Selection Stations," Sel. 1 Sem., 19, No 3p 1952.

MIRA June 52.

DVORYANKIN, F. A.; POPOV, M. D.

Evolution

In defense of Darwinism in paleontology. Izv. AN SSSR. Ser. biol. No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

1. DVORYANKIN, F. [A.]
2. USSR (600)
4. Species, Origin of
7. In support of Darwin in the theory of the origin of species. Sel. i sem. 20, No. 2, 1953.

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

1. DVORYANKIN, F.A.
2. USSR (600)
4. Growth (Plants)
7. Theory of phasic development and the theory of the attenuation of vitality, Sel.i sem. 20 no. 4, 1953.

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

1. DVORYANKIN, F. A.
2. USSR (600)
4. Species, Origin of
7. Darwinism and the theory of species. Usp. sovr. biol. 35, No. 2, 1953.

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

DVORYANKIN, F.A., professor.

Phasic development theory and biological discussions. Est. v
shkole no.3:32-37 My-Je '54. (MLRA 7:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Plants--Evolution)

DVORYANKIN, F.A., professor.

Phasic development theory and biological discussions. Est. v
shkole no.4:28-34 J1-Ag '54. (MIRA 7:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Natural selection) (Botany--Variation) (Growth(Plants))

DVORYANKIN, F.A., professor.

~~Role of agrobiolgy~~
Role of agrobiolgy in the teaching of materialistic principles
of biology. Est. v shkole no.1:41-43 Ja-F '55. (MIRA 8:3)

1. Moskovskiy gosudarstvennyy institut in. M.V.Lomonosova.
(Biology, Economic--Study and teaching)

DVORYANKIN, F.A.

Determined and undetermined variability. Vest.Mosk.un. no.9:17:24
S '55. (Variation (Biology)) (MLRA 9:1)

DVORYANKIN, F.A.; KAGANOV, V.M.; PLATONOV, G.V.; FRYGINSON, N.I.; FURMAN,
A.Ie.; FILIPPOV, L.A., red.; YERMAKOV, M.S., tekhn. red.

[Philosophical problems in natural history] Filosofskie voprosy
estestvoznaniia. [Moskva] Izd-vo Mosk. univ. Vol.1. [Philosophical
and theoretical problems in Michurin's theories] Filosofsko-
teoreticheskie voprosy michurinskogo ucheniia. 1958. 421 p.

(Michurin, Ivan Vladimirovich, 1855-1935) (MIRA 11:10)
(Biology--Philosophy)

DVORYANKIN, F.A., prof.

Darwinism in socialist agriculture. Zemledelie 7 no.10:19-24
0 '59. (MIRA 13:1)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Evolution) (Natural selection)

GORDEYEV, D.I., prof., glav. red.; DVORYANKIN, F.A., prof., red.;
KONONKOV, A.F., red.; RYBNIKOV, K.A., prof., red.; SOLOV'YEV,
A.I., dotsent, red.; SPASSKIY, B.I., dotsent, red.; FIGUROV-
SKIY, N.A., prof., red.; SHEVTSOV, N.S., prof., red.; KHRGIAN,
A.Kh., prof., red.; ZAYTSEVA, M.G., red.; YERMAKOV, M.S., tekhn.
red.

[History and methodology of the natural sciences] Istorija i
metodologija estestvennykh nauk. Moskva. No.1. [Physics] Fi-
zika. 1960. 221 p. (MIRA 14:5)

1. Moscow. Universitet.

(Physics)

DVORYANKIN, Fedor Andrianovich; DANIL'CHENKO, O.P., red.; YERMAKOV, M.S.,
tekhn. red.

[Metaphysical period in biology and its legacy] Metafizicheski
period v biologii i ego nasledie; lektsiia. Moskva, Izd-vo Mosk.
univ., 1961. 39 p. (MIRA 14:12)

(BIOLOGY)

ALEKSANDROV, V.G., prof., red.; DVORYANKIN, F.A., prof., red.; KADEN, N.N.,
kand. biol. nauk, red.; KUPERMAN, F.M., prof., red.; L'VOVA, I.B.,
kand. biol.nauk, red.; PALAMARCHUK, I.A., kand.biol.nauk, red.;
PODDUBNAYA-ARNOL'DI, V.A., prof., red.; PRONIN, V.A., kand.biol.nauk,
red.; RZHANOVA, Ye.I., kand. biol.nauk, red.; ROSTOVTSEVA, Z.P., kand.
biol.nauk, red.; SEREBRYAKOV, I.G., prof., red.; USTINOVA, Ye.I., kand.
biol.nauk, red.; CHELYADINOVA, A.I., kand. biol.nauk, red.; YERMAKOV,
M.S., tekhn. red.

[Morphogenesis in plants; transactions dedicated to the 100th anniversary of the publication of Darwin's "Origin of species."] Morfogenez rastenii; trudy posveshchaiutsia 100-letiiu so dnia vykhoda v svet truda Charlza Darvina "Proiskhozhdenie vidov." Moskva, Izd-vo Mosk. univ. Vol.1. 1961. 683 p. (MIRA 14:9)

1. Soveshchaniye po morfogenezu rasteniy, 1959.
(Botany--Morphology)

DVORYANKIN, Fedor Andreyevich; DANIL'CHENKO, O.P., red.

[Darwinism and the history of evolutionary theories;
advice for instructors of biology departments in state
universities] Darwinizm i istoria evoliutsionnykh
uchenii; sovery prepodavateliam biologicheskikh fakul'te-
tov gosudarstvennykh universitetov. Moskva, Izd-vo Mosk.
univ., 1964. 45 p. (MIRA 18:4)

DVORYANKIN, M.M.

KARPUKHIN, V.V.; ZAYCHENKO, G.N.; ZIL'BERMAN, A.S.; POPLAVSKIY, V.R.; SOKOLOV,
B.A.; NIKITIN, N.G.; ~~DVORYANKIN, M.M.~~; MEL'NIKOV, V.P.; OL'CHEV, P.F.;
BABCHENKO, V.M.

Two-zonal electric furnace for the caking of solid alloys.

Prom. energ. 14 no.1:40-41 Ja '59.

(MIRA 12:1)

(Electric furnaces)

DVORYANKIN, MIKHAIL PETROVICH

BATALOV, Nikolay Mikhaylovich; YUR'YEV, Mikhail Grigor'yevich; MUSVIK, Boris Karlovich; ~~DVORYANKIN, Mikhail Petrovich~~; GORNOV, Mikhail Maksimovich; NIKIFOROVA, Anna Ivanovna; VIKOGRADOV, N.V., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor

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The effect of supersaturating ice solution on crystal form

ABSTRACT: Rost kristallov; doklady no Pervom soveshchani po rostu kristallov, 1956 g. Moscow. Izd-vo AN SSSR, 1957, 174-177

Summary: The authors measured the relative rates of growth of crystal faces in solutions of Seignette's salt (pure and with admixtures of borax) and K and NH₄ alums (with admixtures of borax), in order to elucidate the effect of the initial concentration of the resulting crystals on the rate of growth. The results are presented in the form of graphs and tables. The authors also discuss the effect of the admixtures on the growth of the crystals.