BONDARENKO, N.

Motor venicies

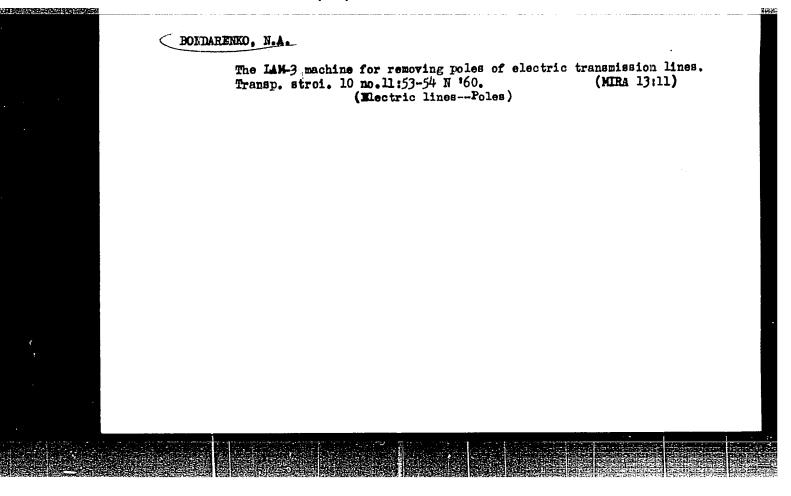
b. GAZ

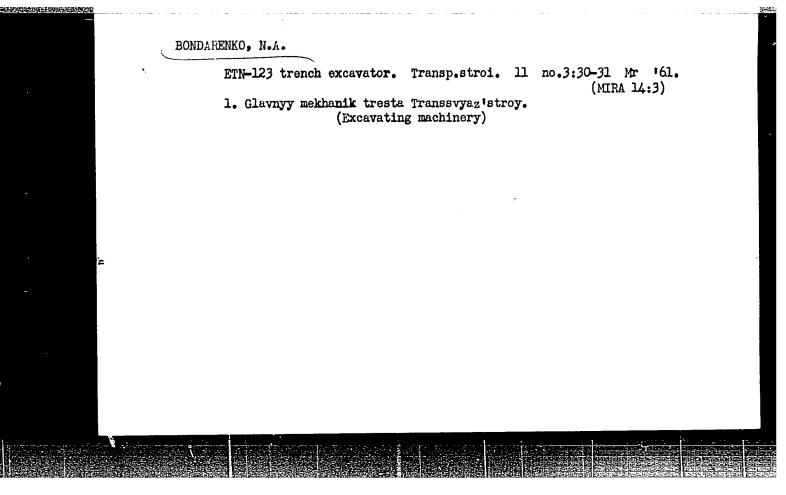
The Gor'kiy Motor Vehicle Plant has worked out an awards system whereby 7,000 rubles is paid for every suggestion which reduces the weight of a GAZ-51 truck by one kg, and 8,000 rubles is paid for every suggestion which reduces the weight of the Volga passenger car by one kg. -- N. Bondarenko, Chief Technologist, Gor'kiy Motor Vehicle Plant (Minsk, Sovetskaya Belorussiya, 4 Jul 58)

SOURCE: CIA, FDD #4, 4 Dec 58, Unclassified

"USSR Industrial Equipment"

ehcb





BONDARENKO, N.A., inzh.; RATNER, A.M., inzh.; SOKOLOV, K.A., inzh.; GUBANOV, N.P., inzh.; SORIN, N.M., inzh.; TARAKANOV, G.P., inzh.; IVANOV, S.M., inzh.; NIRK, A.D., inzh.; ROVKAKH, S.Ye., kand.tekhn.nauk; FILIPPOV, V.V., inzh.; KHAYKIS, L.B., kand.tekhn.nauk; LEBEDEV, V.I., inzh.; VELICHKIN, Ye.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Handbook for mechanics of a construction project] Spravochnik
makhanika stroitel'nogo uchastka. Pod red. K.A. Sokolova. Moskva,
Vsas.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960.
619 p. (MIRA 14:3)

(Mechanical engineering) (Road machinery)
(Railroads--Construction)

BONDARENKO, Nikolay Antipovich; TELYATNIKOV, B.I., inzh., retsenzent; TIKHONEVICH, B.Z., inzh., retsenzent; NOVIKAS, M.N., red.; VOROB'YEVA, L.V., tekhn. red.

[Mechanization of work in communications cable-laying operations] Mekhanizatsiia rabot pri prokladke kabelei sviazi.

Moskva, Izd-vo "Transport," 1964. 157 p. (MIRA 17:4)

MENIOVICH, B.I.; BONDARENKO, N.A.; SKIBA, L.P.

Complete automation of the testing of coal and products of coal preparation. Koks i khim. no.1:53-58 '64.

(MIRA 17:2)

1. Dneprodzerzhinskiy koksokhimicheskiy zavod (for Meniovich).

2. Ukrainskiy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley (for Bondarenko, Skiba).

GANDEL'SMAN, I.M., inzh.; BONDARENKO, N.A., inzh.; BELCSLYUDOV, A.B., inzh.

Programmed, multiple-position, charge mixture proportioning device.
Lit. proizv. no.12:14-15 D'65. (MIRA 18:12)

CBONDARENKO, N.F.

Use of gramicidin C on the surgeons hands. Nov.khir.arkh. no.3:109 My-Je '58 (MIRA 11:9)

1. Khirurgicheskoye otdeleniye Izmail'skoy gorodskoy bol'nitsy Chernomorsko-Azovskogo vodzdravotdela. Adres avtora: Izmail, Odesskoy obl., ul. Kutuzova, d. 16, bolnitsa. (GRAMICIDIN)

SOV/124-58-1-912

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 122 (USSR)

AUTHORS: Nerpin, S. V., Bondarenko, N. F.

TITLE: Investigation of the Mechanical Properties of Thin Layers of Liquid

by Means of the Filtration Method (Issledovaniye mekhanicheskikh

svoystv tonkikh sloyev zhidkosti metodom fil'tratsii)

PERIODICAL: Tr. Leningr. in-ta inzh. vod. transp., 1956, Nr 23, pp 36-42

ABSTRACT: Bibliographic entry

Card 1/1

AUTHORS:

Nerpin, S. V., Bondarenko, N. F.

20-134-4-42/63

TITLE:

An Investigation of the Mechanical Properties of Thin Liquid Layers in Concentrated Emulsions by the Filtration Method

(Issledovaniye mekhanicheskikh svoystv tonkikh sloyev

zhidkosti v kontsentrirovannykh emul'siyakh metodom fil'tratsii)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 4,

pp. 833-836 (USSR)

ABSTRACT:

Previous investigations have shown that the normal viscosity in low volatile, non-polar liquids in conserved up to the hard surface, while in polar ones this is the case up to the limit of the solvate layers. For the study of the mechanical properties of the volatile liquids (electrolytic aqueous solutions) the authors have used a filtration viscosimeter. As small pore filters they used highly concentrated benzolwater emulsions, stabilized with saponin. The system is well visible in the microscope. If the temperature drops to 0° and +5°C, the benzol drops become hard, while the water layers remain liquid. The computations for saturated concentrated emulsions, prepared with a saponin solution of 10% in water, have shown that the average thickness of the water layers

Card 1/4

An Investigation of the Mechanical Properties of Thin Liquid 20-114-4-42/63 Layers in Concentrated Emulsions by the Filtration Method

is 10⁻³. The small thickness of the layers assures the low value of the viscosity tensions in the liquid during the filtration at easily measurable drops of pressure. Thus it is made possible to discover minute plastic displacement tensions in the liquids, which do not subordinate themselves fully to Newton's Law; they rather follow the well-known law of Schvedov-Bingham. The principal conclusions of the tests indicate that the water contained in the dropseparating thin layers possesses a normal viscosity which is also proper to a liquid in the volume. Besides that, traces of plasticity may be found. These conclusions are true for the layers which separate the liquid drops and for those which separate the hardened benzol particles from one another. In order to examine the influence of the electrolytic content of the aqueous solution upon the thickness of the layers, a series of tests was made with emulsions which had been prepared with aqueous solutions with different electrolytic content (NaCl), that is from 10^{-4} N to 10^{-1} N. The results show that at an increase of the electrolyte concentration the filtration flow decreased. The dispersion of the system increases. To this corresponds the diminution of the average thickness of

Card 2/4

An Investigation of the Mechanical Properties of Thin Liquid 20-114-4-42/63 Layers in Concentrated Emulsions by the Filtration Method

the water layers. The decrease in the permeability of the emulsion samples takes place only up to a certain concentration value of the electrolyte of a quantity of 10-2. At higher concentrations the filtration flow again increases. The explanation is as follows: Beside the decrease in the thickness of the water layers at an increase of the concentration of the electrolyte there also occurs a decrease in the limit value of the splitting pressure developed by them. These two factors deteriorate the conditions for the breaking up of the drops, as the mobility of the liquid decreases with a diminution of the layers in them. This reduces the possibility of the formation of new separation layers between the drops, while the decreasing power barrier which prevents the confluence of the drops limits the degree of dispersion. The deterioration of the emulgation conditions has to bring about a detention of the aqueous solution in "Gibbs' thickenings" and an increase of their share in the filtration, which causes an increase in the permeability of the system. The equilibrium of the layers has a thermodynamical character. There are 3 figures, 1 table, and 8 references, 8 of which

Card 3/4

CIA-RDP86-00513R000206220008-1 "APPROVED FOR RELEASE: 06/09/2000

An Investigation of the Mechanical Properties of Thin Liquid 20-114-4-42/63 Layers in Concentrated Emulsions by the Filtration Method

are Soviet.

ASSOCIATION:

Leningradskiy institut inzhenerov vodnogo transporta

(Leningrad Institute for Waters Transport Engineers)

PRESENTED:

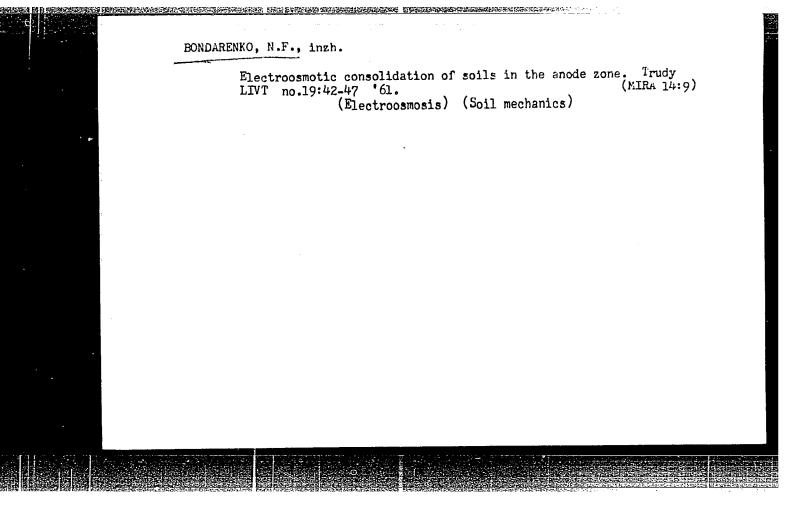
January 24, 1957, by A. N. Frumkin, Member, Academy of

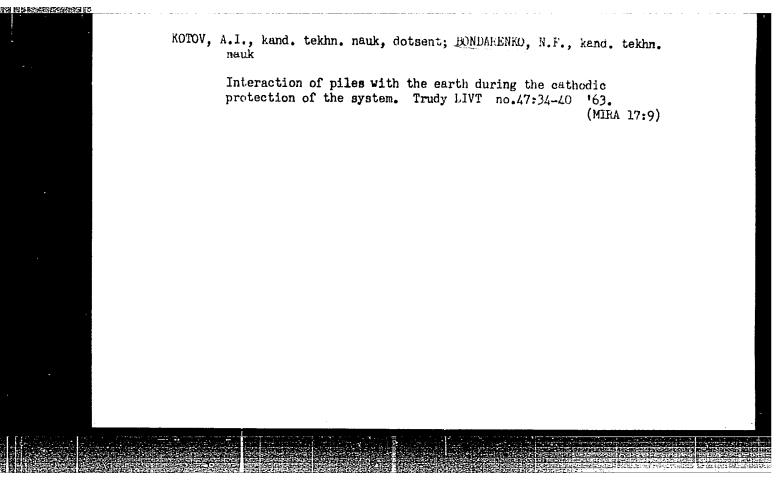
Sciences, USSR

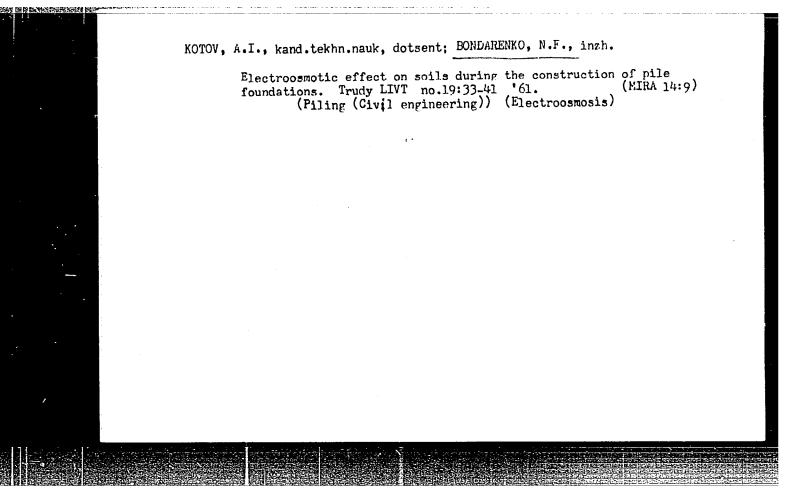
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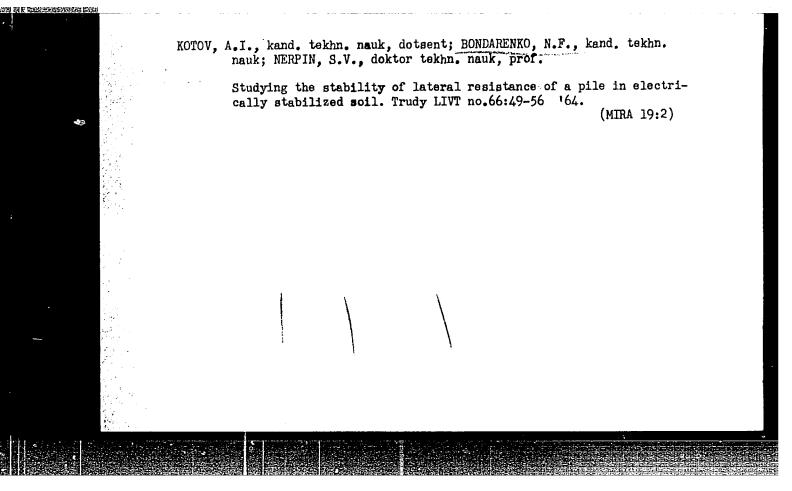
January 22, 1957

Card 4/4









BR

ACCESSION NR. AP4031189

s/0056/64/046/004/1500/1502

AUTHOR: Bondarenko, N. G.; Yeremina, I. V.; Talanov, V. I.

TITLE: Beam phase structure of a ruby laser

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 4, 1964, 1500-1502

TOPIC TAGS: beam phase structure, phase structure, ruby laser, ruby crystal, dielectric inhomogeneity, transparent dielectric, laser output analysis

ABSTRACT: An experimental method is described which makes possible a visual interpretation of the beam phase structure of any coherent oscillation. The method is based on the wave interference of the original beam and a partly scattered beam after it has passed through a dielectric transparent inhomogeneity whose dimensions are small enough in comparison with the beam width. The interference picture provides reliable information regarding the structural characteristics of a beam phase front. The scattered radiation at a distance d>2/\lambda from an inhomogeneity (where a is the dimension of the inhomo-

Card 1/2

ACCESSION	NR. A	P4031189					
in the in distances generator diameter method of 2 figures	hhomogen (75, 1 (\lambda=0.6 The e phase and 2	eity. In 55, and 9 94µ) with xperiment measuring formulas.	terference (contract) a cry al restor to the contract (contract)	from the stal 7.2 of the study	externa cm long- cate the of laser	e center is e obtained l mirrors of and 0.6 cm importance s. Orig. at kogo gosuda	f a ruby in of this rt. has:
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SUBMITTE:		c63			07May64		•
SUBMITTE SUB CODE		c63.		TE ACQ!			•

ACCESSION NR: AP4039732

5/0141/64/007/002/0313/0327

AUTHOR: Bondarenko, N. G.; Talanov, V. I.

TITLE: Some aspects of the theory of quasi-optical systems

SOURCE: IVUZ. Radiofizika, v. 7, no. 2, 1964, 313-327

TOPIC TACS: quasioptics, waveguide propagation, waveguide diffraction, mirror configuration, wave field, diffraction analysis

ABSTRACT: In order to find a unified approach to the analysis of quasi-optical systems, the diffusion approximation is used to describe wave beams in such systems and to determine the laws of conversion of wave beams by infinite-plane field transformers. Some general laws of propagation of wave beams are derived with the aid of wave beams and with the aid of geometrical optics, and it is shown that the problem of existence of stable (periodic) configuration of wave beams in a specified sequence of converters can be solved on the basis of a purely geometric analysis of the passage of a light beam through a system. A configuration of wave beams that ensures the transfer of energy between two specified apertures of converters with minimum losses is derived. The connection between such optimal configurations and the field distributions in beam waveguides and resonators is investigated.

Card : 1/2

ACCESSION NR: AP4039732

Particular attention is paid to systems of confocal converters, and it is shown that at the fundamental mode, such a system has minimum diffraction losses compared with all other phase converters. A method is presented for describing oblique beam propagation in a mirror waveguide, and some characteristics of such wave= guides are described. The diffraction of the beam on the open end of a plane waveguide, at frequencies close to cutoff, serves as one example of the equation of transverse diffusion. It is concluded also that the method based on the solution of the equation of transverse diffusion is applicable not only to systems with quasi-plane wave beams, but also to systems in which the wave fronts differ appreciably from quasi-plane in the approximation of geometrical optics. "The authors are grateful to B. Z. Katsenelenbaum for useful discussions and remarks." Orig. art. has: 59 formulas and 6 figures.

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Scientific Research Radio Physics Institute, Gorky University

SUBMITTED: 02Jul63

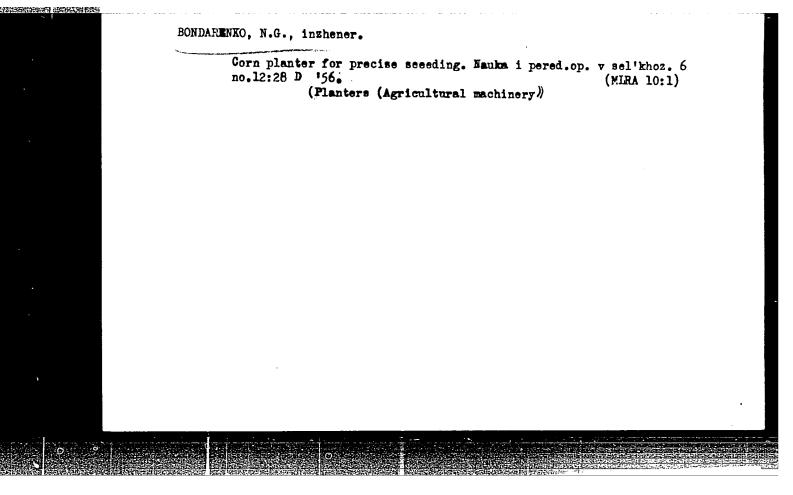
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TONDAKENKO, W.O.

25-5-20/35

SUBJECT:

USSR/Farming

AUTHOR:

Bondarenko, E.G., Senior Scientific Contributor to the

Ukrainian Machine Testing Station

TITLE:

Valuable Improvements (Tsennyye Usovershenstvovaniya)

PERIODICAL:

Nauka i Zhisn' - May 1957, No 5, p 49 (USSR)

ABSTRACT:

Dibbling of corn and similar plants in squares at regular intervals meant a striking progress to the Soviet agriculture, but the process itself remained rather complicated. Preliminary marking of the field was essential and the measuring wire had to be shifted by hand to obtain straight rows. Seven to eight persons were needed to perform the work. Last year an improved system for shifting the measuring wire was successfully introduced in the Ukraine. The wire is no longer shifted in its whole length but in parts. This is done by means of a device attached to the sowing machine. It ensures exact dibbling in 70 x 70 cm squares without special preliminary marking of the field. The simplified method requires only two persons to perform the entire work. In the spring of 1957 this method will be applied for sowing corn in the entire country.

Card 1/2

TITLE: Valuable Improvements (Teennyye Usovershenstvovaniya)
The article contains 4 pictures.

ASSOCIATION:
PRESENTED BY:
SUBMITTED:
AVAILABLE:
Card 2/2

An extension of	DARENKO, N.G., inzh.	Wath 4 alek sots sel ! .khoz.	
	Comparative tests of corn drills no.6:45-50 '57.	(MIRA 10:12)	
	1. Ukrainskaya mashinoispytatel'i (Drill (Ag	naya stantsiya. ricultural implements))	

KUETA, G.M., inzh.; BONDARENKO, N.G., inzh.

Results of testing checkrow corn planters. Sel'khozmashina
no.11:18-21 N '57.

1. Ukrainskaya mashinoisputatel'naya stantsiya.
(Planters (Agricultural machinery)--Testing)

KUKT	TA, G.M., kand.tekhn.nauk; BONDARENKO, N.G., inzh.
	Methodology for a comparative evaluation of high-precision planters. Mekh. i elek. sots. sel'khoz. 20 no.1:13-16 '62. (MIRA 15:2)
	1. Ukrainskaya mashinoispytatel'naya stantsiya. (Planters (Agricultural machinery))
w w	

RONDARENKO, Nikolay Grigor'yawich [Bondarenko, M.H.]; SINYAVSKIY,
Yuriy Illarionovich [Syniavs'kyi, IU.I.]; YEROSHENKO,
T.G. [Eroshenko, T.H.], tekhn. red.

[Problems in the study of agricultural machinery] Zadachnyk
po sil'skohospodars'kti tekhnitsi. Kyiv, Derzhsil'hosprydav
URSR, 1962. 197 p. (MIRA 16:5)

(Agricultural machinery—Problems, exercises, etc.)

BONDARENKO, N.G.; TALANOV, V.I.

Some problems in the theory of quasi-optical systems. Izv. vys. ucheb. zav. radiofiz. 7 no.2:313-327 '64 (MTRA 18:1)

1. Nauchno-issledovatel skiy radiofizicheskiy institut pri. Gor'kovskom universitete.

BONIMARMO, N. I.

Bondarenko, N. I. -- "Lombardy Poplar and New Forms of It." Min Higher Education USSR, Ukrainian Order of Labor Red Banner Agricultural Acad, Kiev, 1955 (Didsertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No. 24, Moscos, Jun 55, pp 91-104

Country : USSR

Category: Cultivated Plants. Grains.

Lbs Jour: RZhBiol., No 22, 1958, No 100238

: Bondarenko, N. I. uthor

: Moscow agric. academy im. K. ... Timiryazev : Effect of Under-the-Root Gultivation of the Inst

Sowings on the Yield of Wheat. Title

Orig Pub: Dokl. Mosk. s.-kh. akad. im. K... Timiryazeva, 1957, vyp. 28, 83-89.

Abstract: Under-the-root cultivation of the sowings of winter and spring wheats and wheat-quack grass hybrids with tractor cultivators equipped with flat-cutting claws, to the depth of 20 centimeters, improves the water cycle and nitrogen-phosphorus nutrition of the plants;

: 1/2 Card

M - 26

5(3)

SOV/19-58-7-149/392

Bondarenko, N.I., and Kurachinskiy, L.I. AUTHORS:

TITLE:

EXACTOR COUTS

Method of Eliminating Salt and Water from Crude Oil (Sposob obessolivaniya i obezvozhivaniya nefti)

Byulleten' izobreteniy, 1958, Nr 7, p 36 (USSR)

ABSTRACT:

PERIODICAL:

Class 23b, 1_{05} . Nr 114109 (587546 of 10 December 1957). Method of eliminating salt and water from crude oil by using de-emulsifiers and heat, with a water solution of trisodiumphosphate used for de-emulsifier to cut the costs of the process and increase its effective-

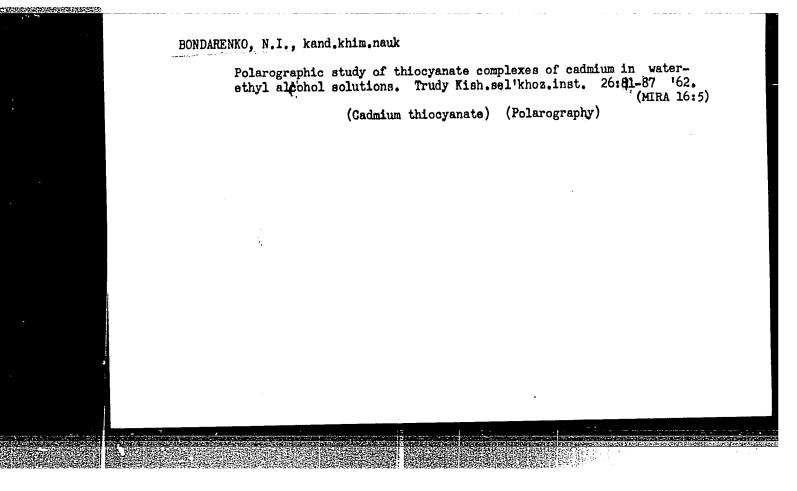
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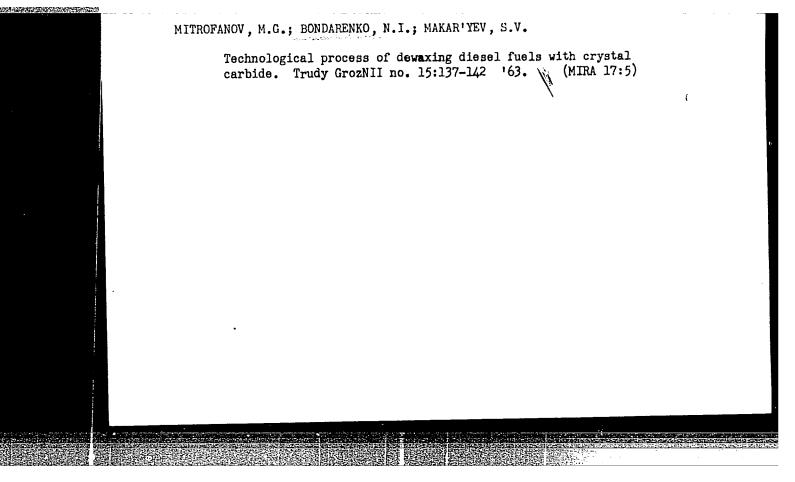
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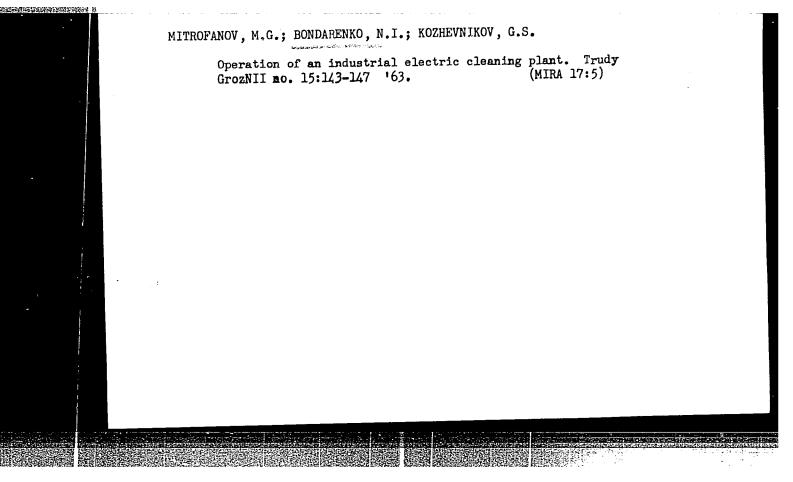
KOMAROV, I.M., inzh.; BONDARENKO, N.I., inzh.; FOMITSKIY, I.V., mekhanik

TKZM-3,5 tractor-drawn mower for green crops. Mekh. sil'. hosp.
10 no.3:25-26 Mr '59.
(Mowing machines)

(Mowing machines)







SERGIYENKO, I.N., prof.; BONDARENKO, N.I.

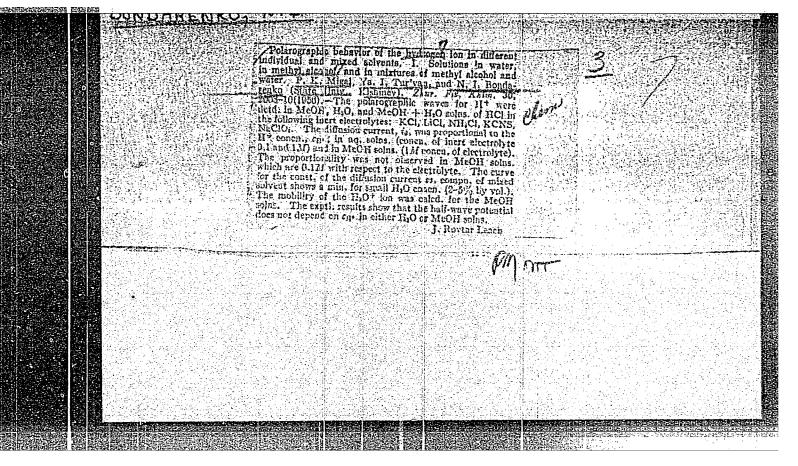
Treatment of thyrotoxicosis with merdazolyl. Uch. zap. Stavr.
gos. med. inst. 12:326-327 '63. (MIRA 17:9)

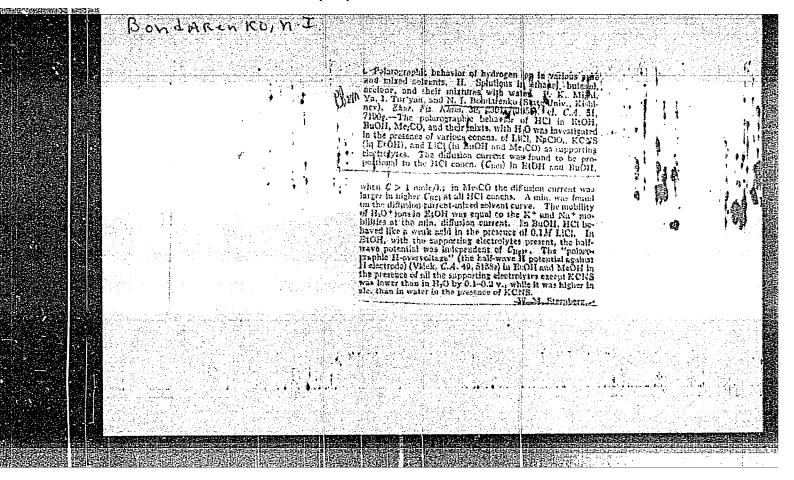
1. Klinika gospital'noy terapii (zav. prof. I.N. Sergiyenko)
Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

BONDARENKO, N. I.

EONDARENKO, N. I.: "The polarographic behavior of the hydrogen ion in individual and mixed solvents." Min Higher Education USSR. Kishinev State U. Chair of Physical Chemistry. Kishivev, 1956. (Dissertation for the Degree of Candidate in Chemical Sciences.)

SO: Knizhnaya Letopis', No. 26, 1956





5(0)
SOV/67-59-4-18/19
AUTHORS:
Bondarenko, N. I., Engineer, Kalinin, V. V., Engineer,

Samarin, B. P., Engineer, Vagin, Ye. V., Candidate of Chemical Sciences, Petukhov, S. S., Candidate of Technical Sciences

TITLE: Answers to Readers

PERIODICAL: Kislorod, 1959, Nr 4, p 53 (USSR)

ABSTRACT: Question (A. Ye. Bykov, Tekeli, Kazakhskaya SSR): How do you explain the pressure increase in the second stage of the air compressor in the SK-05 apparatus? Answer (N. I. Bondarenko): By the resistance increasing with the passage of air through

the decarbonizer. Question (L. G. Konyukh, Kemerovo): Does the USSR manufacture oxygen compressors with capacities of

150 - 200 m³/hour? Answer (V. V. Kalinin): Yes, the types 2RK-2/4 (120 m³/hour) and 2RK-4/5 (220 m³/hour). Question (N. V. Volodina, Stalinogorsk, Tula oblast'): Is oxygen stored in wet gas containers? Answer (B. P. Samarin): Yes, according to the plan of the GPI "Proyektstal'konstruktsiya" and the GIAP, since 1957. 1st Question (V. N. Ol'khovik, Pervomayskiy,

Card 1/2 Tula oblast'): Which are the purifying methods used today for

Answers to Readers

SOV/67-59-4-18/19

raw crypton? Answer (Ye. V. Vagin, S. S. Petukhov): The principal methods are enumerated and explained. 2nd Question: Is it possible to use NaOH instead of KOH to dry the crypton concentrate? Answer: It is, but under certain conditions.

Card 2/2

CIA-RDP86-00513R000206220008-1 "APPROVED FOR RELEASE: 06/09/2000

5(4) SOV/78-4-5-21/46 AUTHORS: Tur'yan, Ya. I., Bondarenko, N. I. TITLE: The Polarographical Investigation of the Thiocyanate Complex of Cadmium in Aqueous and Aqueous-methanolic Solutions (Polyarograficheskoye issledovaniye rodanistykh kompleksov kadmiya v vodnom i vodno-metanolinykh rastvorakh) PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 5, pp 1070-1076 (USSR) ABSTRACT: The composition and the stoichiometric stability constants of the thiocyanate complexes of cadmium in aqueous and aqueousmethanolic solutions were investigated by the polarographic method at various CH2OH-concentrations and an ionic strength 2. The polarographical character of cadmium in aqueous and aqueousmethanolic solutions with 2 molar NH₄NO₃+NH₄CNS is shown in table 1. In an aqueous solution the following four cadmiumthiocyanate complexes were found: [Cd(CNS)], [Cd(CNS)2], and [Cd(CNS)₄]². The stability constants of these complexes agree well with the data of reference 8. Table 2 shows the angle coefficient of the straight line $q \cdot \log \frac{1}{i_a-i}$

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Card 1/3

SOV/78-4-5-21/46
The Polarographical Investigation of the Thiocyanate Complex of Cadmium in Aqueous and Aqueous-methanolic Solutions

in an aqueous and aqueous methanolic solution in 2 molar NH, NO, + + NHACNS. The dependence of the diffusion current of cadmium upon the level of the mercury reservoir in 2-molar NH, CNS was investigated, and the results are given by table 2. The dependence of the potential of the cadmium-semiwave on the logarithm of the concentration of addenda in an aqueous and aqueous methanolic solution is shown by figure 1. It was shown that with an increase of the methanol concentration the stability of the complex ions increases. The dependence pK ... 1 of the complex Cd(CNS), Cd(CNS)₂ and Cd(CNS)₃ is indicated by a line, the inclination of which increases with an increase of the coordination number. The dependence of the logarithm of the stoichiometric stability constants in the cadmium thiocyanate complexes Cd(CNS), Cd(CNS), and Cd(CNS), upon the reciprocal value of the dielectric constant of the aqueous methanolic solution is given by figure 2. The composition and the stability constants of the thiocyanate complexes of cadmium in an aqueous and aqueous methanolic solution with an ionic strength

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507/78-4-5-21/46

The Polarographical Investigation of the Thiocyanate Complex of Cadmium in Aqueous and Aqueous-methanolic Solutions

2 are shown by table 2. The composition of the cadmium-thio-cyanate complexes in an aqueous solution is given by table 5. There are 2 figures, 5 tables, and 17 references, 10 of which are Soviet.

ASSOCIATION: Kishinevskiy gosudarstvennyy universitet

(Kishinev State University).

Kishinevskiy sel'skokhozyaystvennyy institut

(Kishinev Agricultural Institute)

SUBMITTED: February 15, 1958

Card 3/3

S/064/60/000/02/01/025 B022/B005

5.3300

AUTHORS:

Pridshteyn, I. L., Podol'skaya, F. I., Bondarenko, K. I.,

Vaynahteyn, G. I., Chechik, Ye. I.

TITLE:

Single-step Method of Producing Isoprene From Isopentane and

Isopentane-isoamylene Mixtures

PERIODICAL:

Khimicheskaya promyshlennost!; 1960, No. 2, pp. 89 - 95

TEXT: Isoprene can be produced from isopentane by catalytic dehydrogenation according to the one- and two-step method. The characteristics and the execution of the two-step method of producing isoprene from isopentane are described, the composition of catalysts, and of the complex product mixtures is indicated. The dehydrogenation of isopentane and of the isopentane-iso-amylene mixtures to isoprene was carried out on an industrial catalyst for dehydrogenation of n-butane developed by the VNIISK (All-Union Scientific Research Institute of Synthetic Rubber) with the use of a negative pressure attained by the introduction of a rarefying gas (nitrogen, benzene, methane, etc.). The compounds used as initial products are indicated, and the

Card 1/3

Single-step Method of Producing Isoprene Prom Isopentane and Isopentane-isoamylene Mixtures s/064/60/000/02/01/025 B022/B005

amylenes, and isoprene at various temperatures and pressures (Table 1, Fig. 1), the influence of temperature on the dehydrogenation of isopentane (Table 2, Fig. 2), and the equilibrium content of isopentane, isoamylenes, and isoprene at various temperatures and compositions of the initial mixture, and a pressure of 2 at (Table 3, Fig. 3), are indicated. Besides, the composition of the decomposition products of isopentane is given in the form of a table. The equilibrium content of isopentane, isoamylenes, and isoprene at 0.3 at (Table 4), the equilibrium content of isopentane, isoamylenes, and isoprene for a mixture $C_5H_{10} + C_5H_{12}$ (30:70) (Fig. 4), the influence of temperature on the isoprene yield (Table 5), the influence of dilution with nitrogen on the dehydrogenation of the mentioned isoamyleneisopentane mixture (Fig. 5), and the influence of temperature on the yield in diene hydrocarbons (Fig. 6), were observed. The dehydrogenation of isoamylene-isopentane mixtures containing different quantities of isoamylenes (Table 6), the influence of volume velocity on the dehydrogenation of an isoamylene-isopentane mixture (30:70) (Table 7), the influence of contact time on the dehydrogenation of the corresponding isosmylene-isopentane

contact gas is mentioned. The equilibrium content of isopentane, iso-

Card 2/3

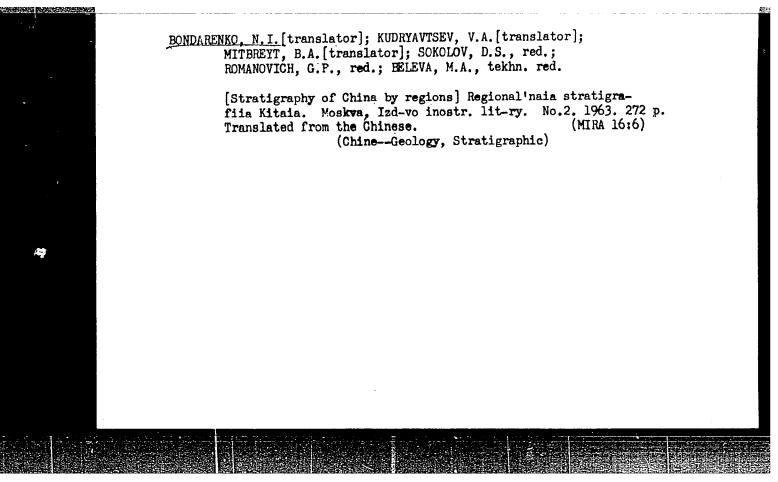
Single-step Method of Producing Isoprene From Isopentane and Isopentane-isoamylene Mixtures

\$/064/60/000/02/01/025 B022/B005

mixture (Fig. 7), and the influence of hydrogen on the dehydrogenation of the mixture mentioned (Fig. 8), are shown. The catalyzate obtained by deperiodic fractionating column with an efficiency of 70 theoretical plates to narrow fractions, the composition of which is indicated (Table 8). The amylene-isopentane mixture is shown in Table 9. The results mentioned in isopentane and its mixtures with isoamylenes and isoprene at reduced pressure (in the presence of various rarefying gases). The isoprene yield weight. There are & figures, 9 tables, and 17 references: 6 Soviet and

Card 3/3

Feed distributor of the RSH-3 screw-conveyor type. Zhivotnovodstvo 24 no.9186 S '62. 1. Rukovoditel' laboratorii mekhanizatsii rabot v zhivotnovodstve Ukrainskogo nauchno-issledovatel'skogo instituta sel'khozmashino-stroyeniya. (Ukraine-Cattle-Feeding and feeds)



MARKEVICH, S.V.; KHARAMONEHKO, S.S. [Kharamonenka, S.S.]; GORBINOV, P.T.

(Harbunou, P. TS.]; STAKHOVSKIY, Ye.V. [Stakhouski, IA.V.];

VOLOKHANOVICH, A.I. [Valakhanovich, A.I.]; BONDARENKO, N.T.

[Bandarenka, M.TS.]

Radiolysis of polyglukin solution. Vestsi AN BSSR Ser. biial.

nav. no.3:107-113 '64 (NIRA 18:1)

VOLOTIN, G.A., FONDARZNEC, N.T.

The Novo-Vilvokaya Central Coal Proparation Flant is an onterprise of communist labor. Ugol' 39 no.5:12-15 My '64.

(MIRA 17:8)

1. Upravlyayushchiy trestom Donetskugleobogushcheniyo (for Volodin). 2. Direktor Novo-Uzlovskoy tsentral'noy obogatital'noy fabriki (for Bondarenko).

1 45721-66 EWT (m)/T WE ACC NR: AP6026498 (A)

SOURCE CODE: UR/0318/66/000/005/0007/0009

AUTHOR: Bondarenko, N. I.; Poplavskaya, A. V.; Bashkirova, L. I.; Lisitsina, N.

ORG: Groznyy Petroleum Refinery (Groznenskiy neftepererabatyvayushchiy zavod)

TITLE: Coke solar stock for producing gas-turbine fuels

SOURCE: Neftepererabotka i neftekhimiya, no. 5, 1966, 7-9

TOPIC TAGS: coke, solar oil, gas turbine fuel

ABSTRACT: Coke solar oil was obtained from the residue of thermal cracking of masuts, and its potential as a source of gas-turbine fuel was investigated along the following lines: (1) separation from the coke solar oil of a fraction meeting the requirements of GOST 10433-63 for gas-turbine fuel; (2) expanding the resources of gas-turbine fuel by widening the boiling range, this being accomplished by introducing coke-solar oil fractions boiling above 410° and depressing the solification temperature by adding a depressor; (3) decreasing the content of high-melting components of the coke solar oil by their decomposition as a result of secondary distillation of the solar oil. It was found that a standard gas-turbine fuel could be obtained in the amount of ~48%. The addition of the depressor permitted an 81-85% expansion of the resources of the fuel. Gas-turbine fuel of standard quality can be obtained both by distilling coke solar oil and by direct separation in coking stills. Orig. art. has: 2 tables.

SUB CODE: 11/ SUBM DATE: none

Card 1/1 ULR

UDC: 665.642.4-404.002.3:665.637.6

8/016/60/000/06/11/051

AUTHORS: Bondarenko, N.K., Gorchakova, Yu.P. and Zhuravleva, Ye.D.

TITLE: Changes in the Antigenic Structure of the Parenchymatcus Organs in

White Mice and Kittens Infected With Shigella Pysenteriae (p

PERIODICAL: Znurnal mikrobiologii, epidemiologii i immunobiologii, 1960, No. 6,

pp. 43 - 46

TEXT: Experiments were performed to study the formation of foreign antigens in the liver, kidneys, spleen and intestines of white mice and kittens, infected with Shigella flexneri with or without treatment. Foreign antigens, which did not normally appear in the organs, were in fact detected in the parenchymatous organs of mice and kittens suffering from experimental dysentery. Synthemycin-phthalazol treatment retarded the formation of foreign antigens in the parenchymatous organs. There are 3 tables and 5 Soviet references.

ASSOCIATION: Voronezhskiy meditsinskiy institut (Voronezh Medical Institute)

SUBMITTED: June 27, 1959

Card 1/1

BONDARENKO, N.M.

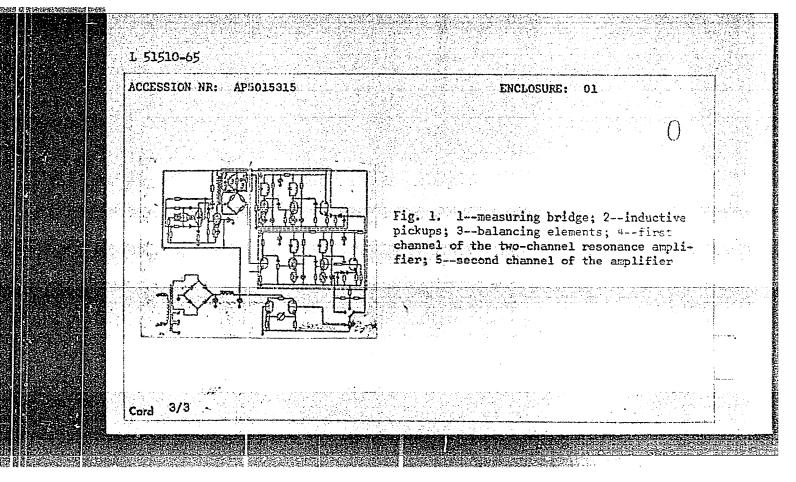
"Pollen and spore complexes of the Lower Cretaceous of western and central parts of the Soviet artic and their value for the correlation of marine and continental division.

Report to be submitted for the Intl. Conf. on Palynology Tucson, Arizona. 23-27 Apr '62.

Geological Inst. for the Artic Regions, Leningrad.

AUTHOR: Svistumov, I. V.; Bondarenko, No. 1905 TITLE: An instrument for measuring the thickness of thin nonmagnetic and nonmetallic coatings on a ferromagnetic base. Class 42, No. 170695 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 74 TOPIC TAGS: electronic measuring device, nonmetallic material, thin film, thickness gauge ABSTRACT: This Author's Certificate introduces an instrument for measuring the thickness of thin nonmagnetic and nonmetallic coatings on a ferromagnetic base. The device contains an oscillator, measuring and compensation bridges, a resonance amplifier, a differential stage, two detectors, a summation unit and a meter. The effect of changes in permeability of the base on the accuracy of measurements is eliminated by connecting the measuring bridge with inductive pickups and balancing elements to the inputs of a two channel resonance amplifier. The first channel of the amplifier is tuned to the third harmonic of the oscillator frequency, and the	L 51510-65 EWT(:1)/EMP(e)/EPA(s)-2/EWT(m)/EPF(c EPA(bb)-2/EMP(b) Pab-10/Pr-4/Ps-4/Pt-7/P1-4 ACCESSION NR: AP5015315	TUP(c) W/Gd/vii UR/0285/65/000/0 531.717.11		
thickness of this nonmagnetic and nonmetallic coatings on a ferromagnetic base. The device contains an oscillator, measuring and compensation bridges, a resonance amplifier, a differential stage, two detectors, a summation unit and a meter. The effect of changes in permeability of the base on the accuracy of measurements is eliminated by connecting the measuring bridge with inductive pickups and balancing elements to the inputs of a two channel resonance amplifier. The first channel of	TITIE: An instrument for measuring the thickness metallic coatings on a ferromagnetic base. Class SOURCE: Byulletin' izobreteniy i tovarnykh znak	kov, no. 9, 1965, 74	c and non-	
	thickness of this nonmagnetic and nonmetallic coatings on a ferromagnetic base. The device contains an oscillator, measuring and compensation bridges, a resonance amplifier, a differential stage, two detectors, a summation unit and a meter. The effect of changes in permeability of the base on the accuracy of measurements is eliminated by connecting the measuring bridge with inductive pickups and balancing elements to the inputs of a two channel resonance amplifier. The first channel of			

	L 51510-65	-	7
	ACCESSION NR: AP5015315	U	
o	second channel is tuned to the fundamental frequency. ASSOCIATION: none	t' .	
	SUBMITTED: 260ct63 ENCL: 01 SUB CODE:	EC	
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SAKS, Vladimir Nikolayevich; HONKINA, Zinaida Zinov'yevna; SHUL'GINA,

Ratal'ya Iosifovna; BASOV, Valeriy Aleksandrovich; BONDARENKO,

Nina Matveyevna; KRYMCOL'TS, G.7a., otv. red.; PETROVSKAYA,

T.I., red.izd-va; VINOGRADOVA, N.F., tekhn. red.

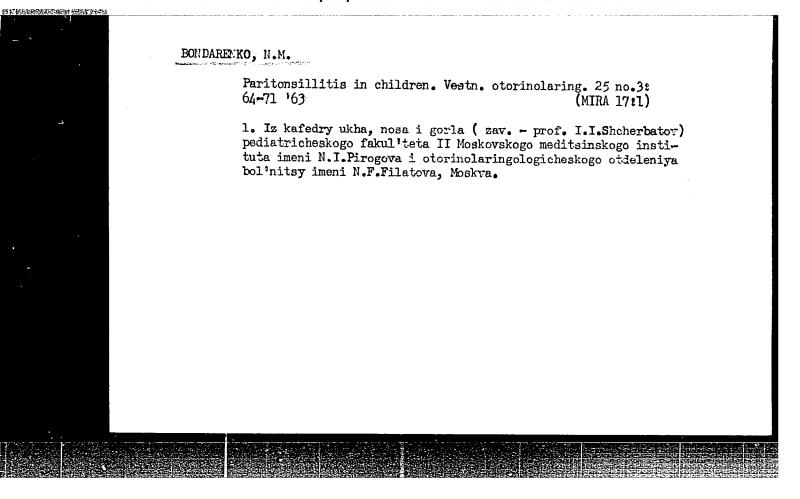
[Stratigraphy of Jurassic and Cretaceous systems in the North

of the U.S.S.R.] Stratigrafiia iurskoi i melovoi sistem Severa

SSSE. [By] V.N.Saks i dr. Moskva, Izd-vo AN SSSR, 1963. 226 p.

(MIRA 16:12)

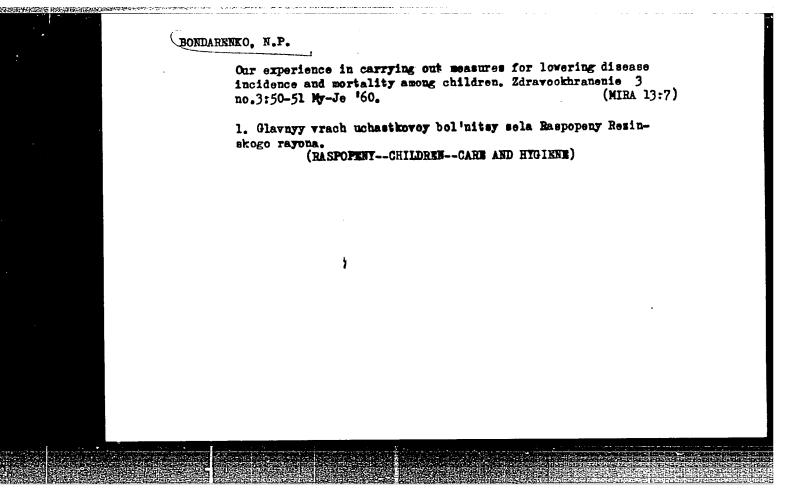
(Russia, Northern--Geology, Stratigraphic)

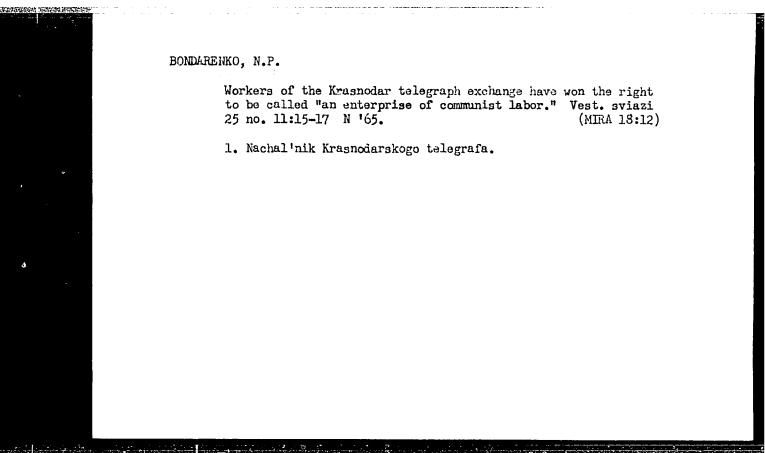


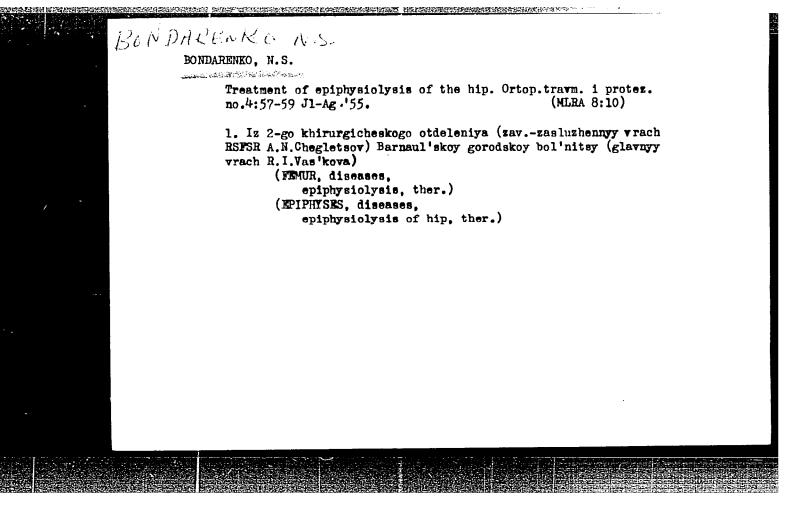
TEREKHOV, P.G.; KOSHTOYANES, Kh.S., otvetstvennyy redaktor; BOHDARENKO, N.P., redaktor; MOLGHANOVA, O.P., redaktor; SOHOKIN, Yu.H., FRUERTOF; FIGUROVSKIY, N.A., redaktor; SHAPIRO, F.B., redaktor izdatel'stva; SIMKINA, Ye.N., tekhnicheskiy redaktor

[Heritage of science] Nauchnoe masledstvo. Moskva. Vol.3. [Ivan Mikhailovich Sochenov; unpublished works, notes and papers] Ivan Mikhailovich Sechenov; neopublikovannye raboty, perepiska i dokumenty. 1956. 280 p. (MIRA 9:8)

1. Akademiya nauk SSSR. Institut istoriiyestestvoznaniya i tekhniki. (Sechenov, Ivan Mikhailovich, 1829-1905)





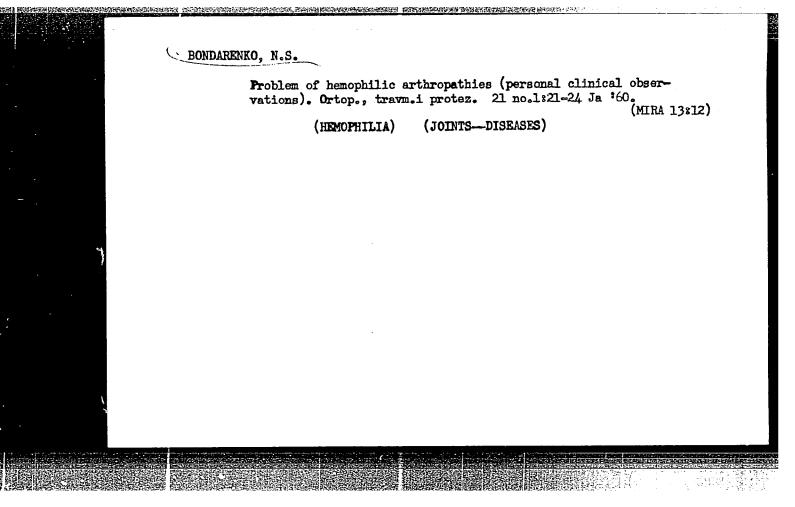


BONDARENKO, N.S.

Some experience in the use of intra-articular anesthesia on the extremities. Ortop., travm.i protez. no.2:66 162. (MIRA 15:3)

1. Iz 1-y khirurgicheskoy kliniki (zav. - prof. G.I. Podoprigora)
Zaporozhskogo instituta usovershenstvovaniya vrachey im. M. Gor'kogo na baze 2-y gorodskoy bol'nitsy (glavnyy vrach - V.S. Smetanka).

(LOCAL ANESTHESIA) (EXTREMITIES—SURGERY)



BONDARENKO, N.S. Use of ditilin in traumatology. Ortrop.travm.i protez. 21 no.3: 22-24 Mr '60. (MIRA 14:3) 1. Ig 1-y khirurgioheskoy kliniki (zav. - prof. G.I.Podoprigora) Zaporoshakogo instituta usovershenstvovaniya vrachey imeni M.Gor'kogo na baze 2-y gorodskoy bol'nitsy (glavnyy vrach - V.S.Smetanka). (CHOLINE) (CHOLINE)

BONDARENKO, N.S. (Zaporozh'ye, 4, ul. Bryullova, d.12, kv.53)

Some problems of surgical tactics in perforating injuries of the chest. Klin.khir. no.ll.831-35 N '62. (MIRA 16:2)

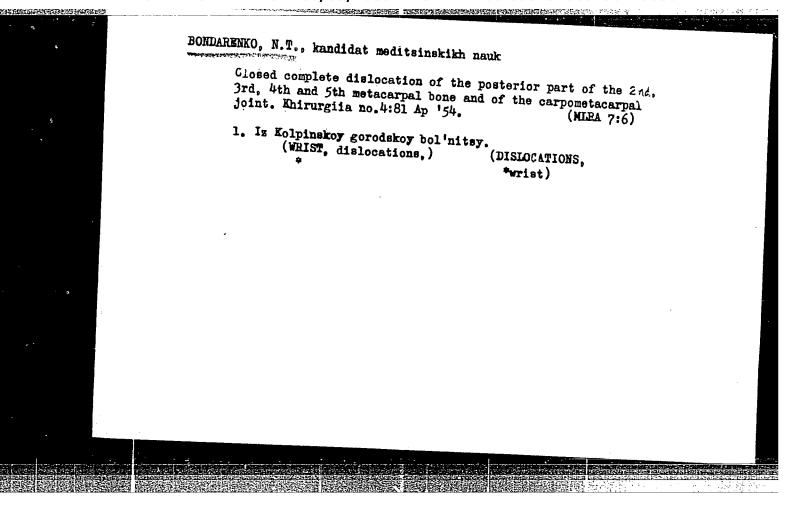
l. Kafedra khirurgii (zav. - prof. G.I. Podoprigora) Zaporozhskogo instituta usovershenstvovaniya vrachey na baze 2-y
gorodskoy bol'nitsy.
; (CHEST-WOUNDS AND INJURIES) (CHEST-SURGERY)

BONDARENKO, N.S. (Khar'kov 3, Moskovskiy prospekt, d. 19-23, kv.51)

Electrophysiological study of the skin in evaluating the methods of its preservation. Ortop., travm. 1 protez. 26 no.11:74-78 N '65. (MERA 18:12)

CELESCOPE DE CONTROL D

1. Iz kafedry travmatologii i ortopedii (zav.- chlen-korrespondent AMN SSSR prof. N.P. Novachenko) Ukrainskogo instituta usevershen-stvovaniya vrachey (rektor - dotsent U.I. Ovsiyenko) i Khari. kovskego instituta protezirovaniya, ortopedii i travmatologii imeni M.I. Sitenko.



S/078/62/007/006/012/024 B106/B180

AUTHOR:

Bondarenko, N. V.

TITLE:

Phase diagram of the system MgCl2-NaCl-BaCl2

PERIODICAL:

Zhurnal neorganicheskoy khimii, v. 7, no. 6, 1962, 1387-1393

TEXT: The phase diagrams of the binary systems MgCl₂-BaCl₂ and MgCl₂-NaCl and of the ternary system MgCl₂-NaCl-BaCl₂ were studied by differential thermal analysis, optical crystal examination according to the immersion method, and X-ray phase analysis. Melts of this ternary system can be used for the electrolytic refining of magnesium and as a flux when melting light metals. Cooling curves were taken in dry hydrogen chloride atmosphere to avoid hydrolysis of magnesium chloride. Results: In the system MgCl₂-BaCl₂ the chemical compound MgCl₂·2BaCl₂ is formed, which melts at 600°C and decomposes; the eutectic melts at 558°C (62.5 wt% BaCl₂), the transition point lies at 28 wt% MgCl₂. In the system MgCl₂-NaCl the two unstable chemical compounds MgCl₂·NaCl and MgCl₂·2NaCl Card 1/2

S/078/62/007/006/012/024 B106/B180

Phase diagram of the system ...

are formed; this agrees with published data. The eutectic resulting from these two compounds melts at 442°C (44 wt% NaCl). To analyze the system MgCl₂-NaCl-BaCl₂, 30 polythermal sections, in all, about 300 melts of different compositions, were studied. Besides the phases which also form in binary systems, a new ternary compound, BaCl₂·2MgCl₂·3NaCl, was observed, which melts with decomposition. The ternary eutectic of the system melts at 418°C (40.5% MgCl₂, 30.7% BaCl₂, 28.8% NaCl). There are 5 transition points in the system, which correspond to peritectic four-phase transitions. It may be seen from the liquidus surface of the system MgCl₂-NaCl-BaCl₂ that a large number of fusible mixtures are present, which facilitates the choice of melts for practical purposes. The author thanks P. Ya. Sal'd and Kh. L. Strelets for valuable advice in discussing the results. There are 6 figures and 6 tables.

ASSOCIATION: Vsesoyuznyy alyuminiyevo-magniyevyy institute)

(All-Union Aluminum and Magnesium Institute)

SUBMITTED:

June 24, 1961

Card 2/2

ZHDANOV, A.K.; KHADEYEV, V.A.; KUBRAKOVA, A.I.; BONDARENKO, N.V.

Amperometric titration of some reducing agents by means of iodine chloride in an apparatus with a rotating platinum iodine chloride. Uzb.khim.zhur. no.2:44-50 '61. (MIRA 14:10) microelectrode. Uzb.khim.zhur. no.2:44-50 (Iodine chloride)

1. Tashkentskiy gosuniversitet imeni Lenina. (Iodine chloride)

BONDARENKO, N.V.; STRELETS, Kh.L.

Specific weight, conductance, and surface tension of melts in the system MgCl₂ - NaCl - BaCl₂. Zhur.prikl.khim. 35 no.6: (MIRA 15:7) 1271-1276 Je 762.

1. Vsesoyuznyy alyuminiyevo-magniyevyy institut. (Systems (Chemistry)) (Chlorides)

Mites on fruits. Earbah. rast. of vred. i bol. 9 no.6sal-42164 (MIRA 10s?)

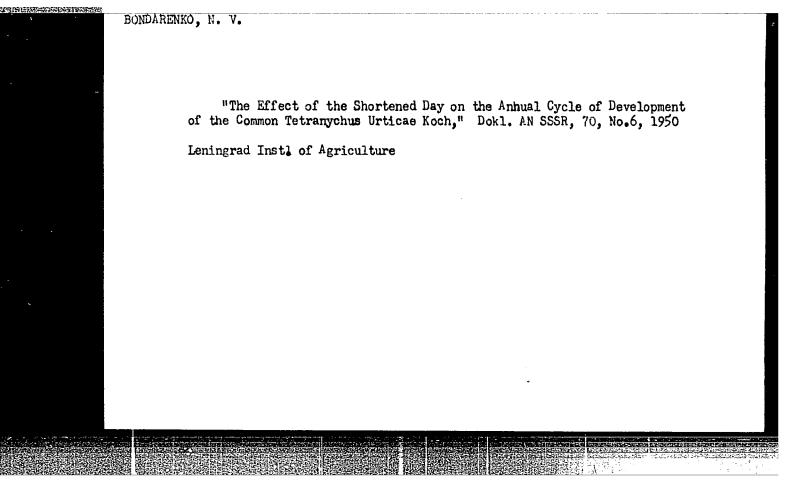
1. Teningradskiy sel'skokhonyaystvænnyy institut.

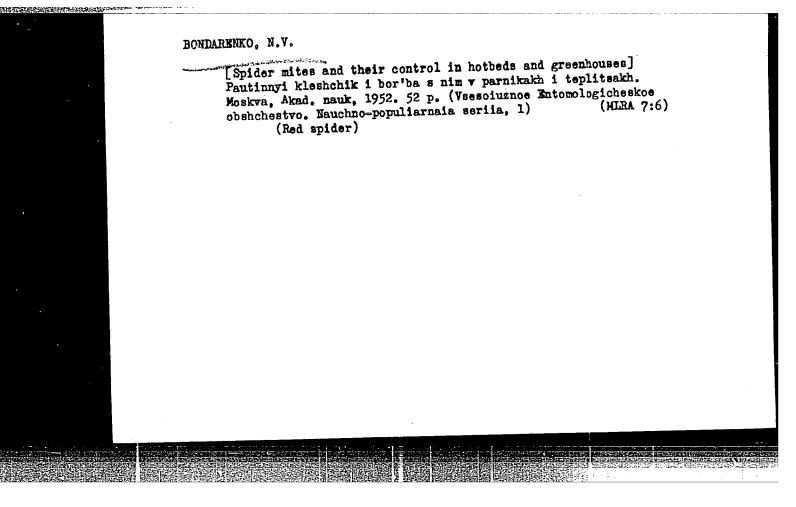
SOND RESECT AND STREET, Re.t.

Visionity of malts of the system McOlz - NaCl - BaClz. Zhur.grizl.

khir. 38 no.621273-1279 fe 465.

1. Vseboyuznyy alyuminlyevc-magnlyevyy institut.





ार्वाहरेमचाल्य, ग्र. ४.

M. V. Bondarenko, <u>Vrediteli ovoshchnykh kulitur v parmikakh i teplitzekh</u> (<u>Vermin</u> of Seed-Bed and Hot-House <u>Vegetable Cultivation</u>), <u>Selikhozgiz</u>, 6 sheets.

An sid for combatting vegetable vermin in seed beds and hot houses, the bocklet gives a survey of various methods and equipment employed in fighting vegetable pests on protected soil, gives brief information on the principal vegetable vermin of seed beds and hot houses, and analyses in detail the methods and means of fighting each pest.

The bocklet is intended for vegetable growers, southou section heads, and other specialists in the field of protected soil vegetable growing.

SO: U-6472, 18 Nov 1954

USSR/General and Special Zoology. Insects

P

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25737

Author

: Bondarenko N.V.

Inst

: Not Given

Title

: The Diapause Characteristic of the Cobweb Ticks and Methods of Managing their Numbers under Conditions of a Protected Ground. (Osobennosti diapauzy pautinnogo kleshcha i puti upravleniya ego chislennost'yu v usloviyakh zashchishchennogo grunta.)

Orig Pub : Sb. tr. po zashchite rast., Riga, AN LatvSSR, 1956, 127-132.

Abstract : A shorter light day explained the appearance of diapause females of the cobweb tick Tetranychus urticae under conditions of a protected ground in Leningrad region. However the photoperiodic reaction of the cobweb tick changed with the temperature. Not even one tick female in diapause appeared at an average daily high temperature (34 keg.) in spite of the shorter 12 hour day, while at 15 deg 98.5%

Card

: 1/2

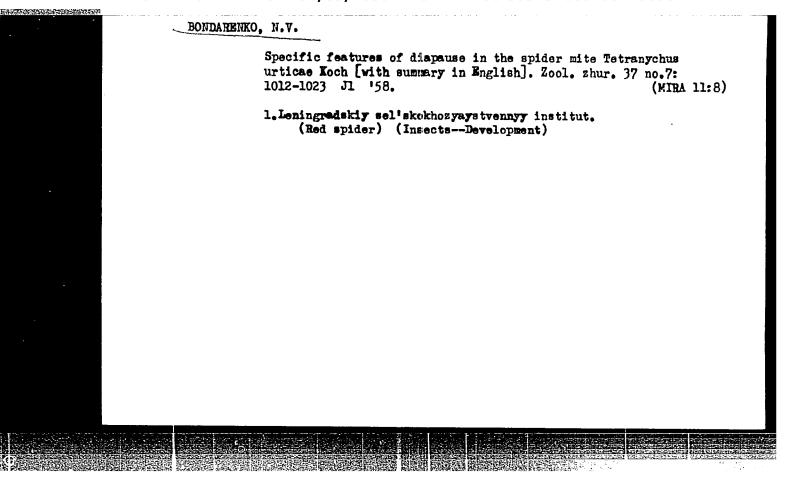
USSR/General and Special Zoology. Insects

P

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25737

appeared. The stopping of diapause and the passing to nourishment and egg-laying of the cobweb tick occurred only under the influence of lower temperatures during a definite period. Mass emergence from the diapause was observed in tick females after 55 days of lower temperatures (3-6 deg) action. Relative humidity—about 100%—was, apparently, needed for favorable hubernation of ticks in horhouses. To decrease the cobweb tick's numbers in horhouses it was necessary to change the length of day (taking into account the temperatures and the changes in the relative humidity.).

Card : 2/2



20-119-6-54/56

-AUTHORS:

Bondarenko, N. V., Kuan Khay-Yuan'

TITLE:

Peculiar Traits in the Beginning of Diapause in Different

Geographical Populations of Tetranychus urticae Koch

(Osobennosti vozniknoveniya diapauzy u razlichnykh geografi-

cheskikh populyatsiy pautinnogo kleshcha)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6, pp. 1247-1250

(USSR)

ABSTRACT:

In the temperate and northern latitudes the autumn diapause is a characteristic trait in the annual cycle of the Tetranychus urticae Koch. The females preparing for the diapause arrive a long time before the beginning of the unfavorable conditions. It is known that the short daylight (near Leningrad) (Ref 3) has a decisive influence upon the arrival of diapausing females; also the temperature and the quality of food can have a certain influence (Ref 4). The causes of the beginning and of the end of diapause are among others of practical importance in predicting the arrival of the mites, in planning plant protective measures, etc. Be-

Card 1/3

Peculiar Traits in the Beginning of Diapause in Different Geographical Populations of <u>Tetranychus urticae</u> Koch

cause the problem, e.g. in the cotton cultivation regions. has been neglected, the authors set themselves the task to investigate the influence of temperature and of the shortened day upon the beginning of diapause in different geographical latitudes. The work was performed by the Chair of General Entomology (Kafedra obshchey entomologii, Director G. Ya. Bey-Biyenko). The material was taken from 59°44' northern latitude (Pushkino, Leningrad oblast, glass houses), 44°53' (Stanits Krymskaya, Krasnodarskiy Kray), 41°43' (Tbilisi) and 41 20' (Tashkent). After slipping out of the eggs the mite larvae were placed into thermostat chambers for a corresponding period of exposure. For the purpose of proving the common membership of species of individual populations they were crossed with each other and fertile offspring was obtained. Results showed that (contrary to Ref 6) the diapause in the Tetranychus urticae Koch begins in the North, as well as in the South, under the influence of the shortened day. There is also a connection between the period of exposure and temperature (Ref 2): increased temperature in all regions considerably weakens the influence of the short day

Card 2/3

20-119-6-54/56

Peculiar Traits in the Beginning of Diapause in Different Geographical Populations of Tetranychus urticae Koch

> and prevents the diapause. However, these reactions vary with individual geographical papulations. The shortening of the critical period of exposure amounted to about 1 hour in movement from north to south per 3° each. It is not surprising that the more southern populations show a facultative diapause. There, up to 10 % and more mites can develop without diapause (Table 1), if winter is warm and sufficient food is available. There are 1 figure, 2 tables, and 10 references, 9 of which are Soviet.

ASSOCIATION: Leningradskiy sel'skokhozyaystvennyy institut (Leningrad

Agricultural Institute)

PRESENTED:

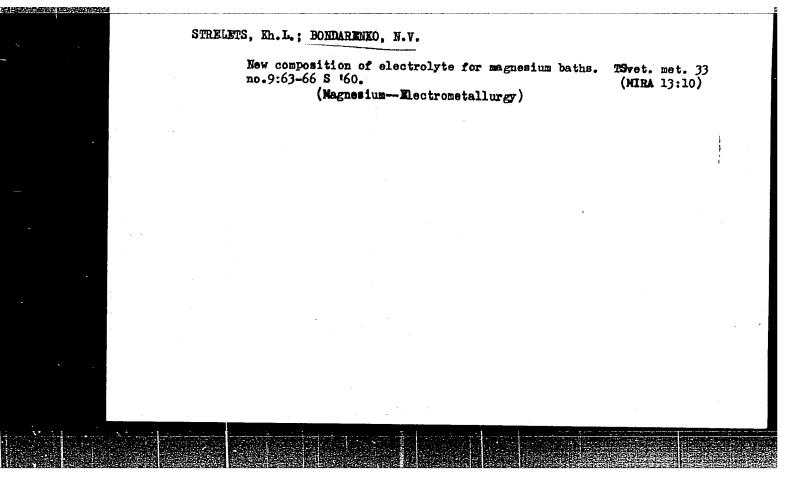
February 3, 1958, by Ye. N. Pavlovskiy, Member, Academy of

Sciences, USSR

SUBMITTED:

February 3, 1958

Card 3/3



EONDARRNKO, Nikolay Vasil'yewich; REUTSKAYA, O.Ye., red.; CHUNAYEVA, Z.V., tekhn. red.

[Manual on field work in beekseping] Rukovodstvo k prakticheskim zaniatiiam po pehelovodstvu. Leningrai, Gos. izd-vo sel'khoz. lit-ry, 1961. 182 p.

(Bee culture)

(Bee culture)

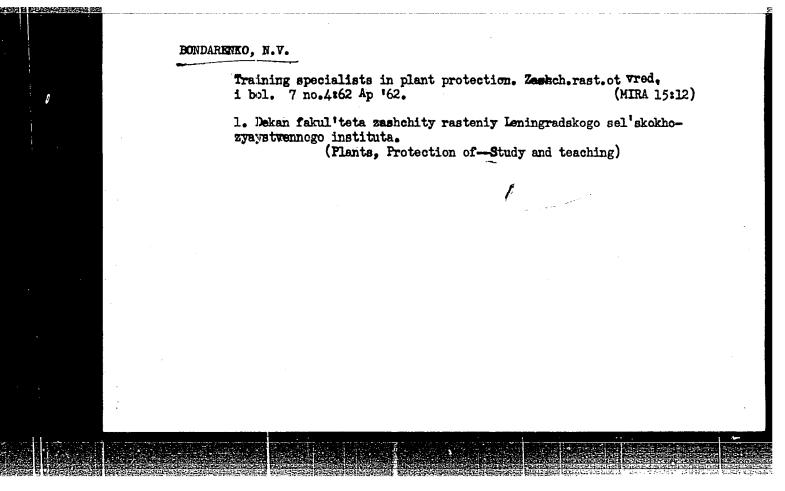
ZHIKHAREV, Fedor Petrovich; BONDARENKO, N.V., starshiy neuchnyy sotrudnik; FIL'CHENKO, R.D., red.; STEPANOV, N.S., tekhn. red.

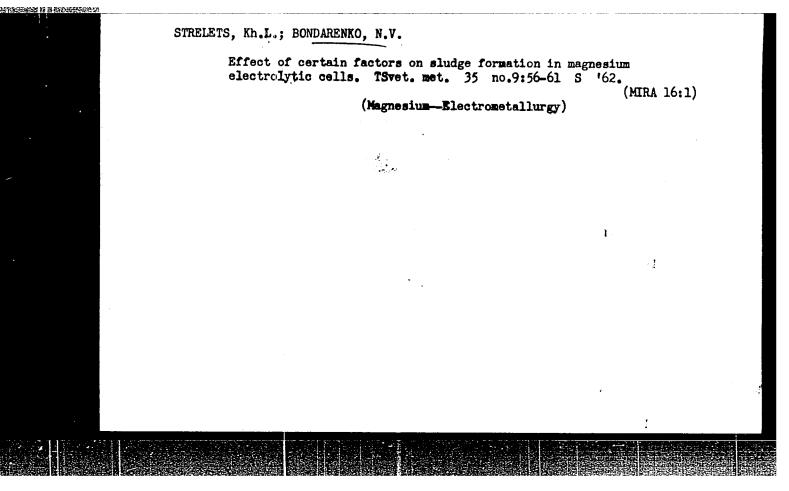
[Developing the forms of wage payment on the collective farms of the Chuvash A.S.S.R.] Razvitie form oplaty truda v kolkhozakh Chuvashskoi ASSR. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 145 p.

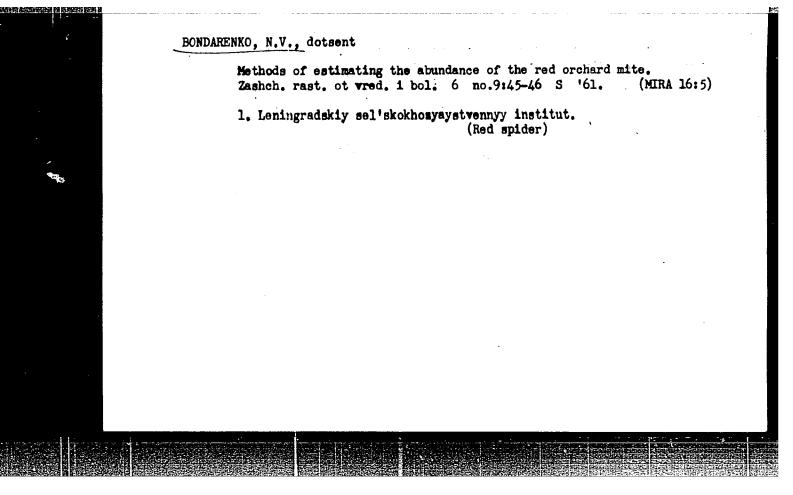
(MIRA 14:9)

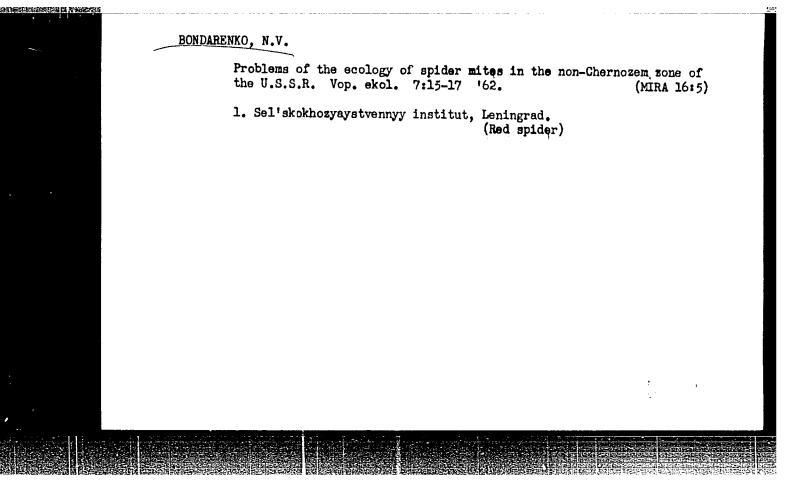
l. Chuvashskiy nauchno-issledovatel'skiy institut yazyka, literatury, istorii i ekonomiki pri Sovete Ministrov Chuvashskoy ASSR (for Bondarenko).

(Chuvashia-Collective farms-Income distribution)









BONDARENKO, N.V.

How we organized field training of students. Zashch. rast. ot vred. i bol. 8 no.1:15-17 Ja 163. (MIRA 16:5)

1. Dekan fakul'teta zashchity rasteniy Leningradskogo sel'skokhozyaystvennogo instituta.

(Leningrad Province-Plants, Protection of-Study and teaching)

BOEDARENKO, N.V.; ISMAYLOV, A.V.; SHCHERBINOVSKIY, N.S.; DEKANOIDZE, G.I., dotsent

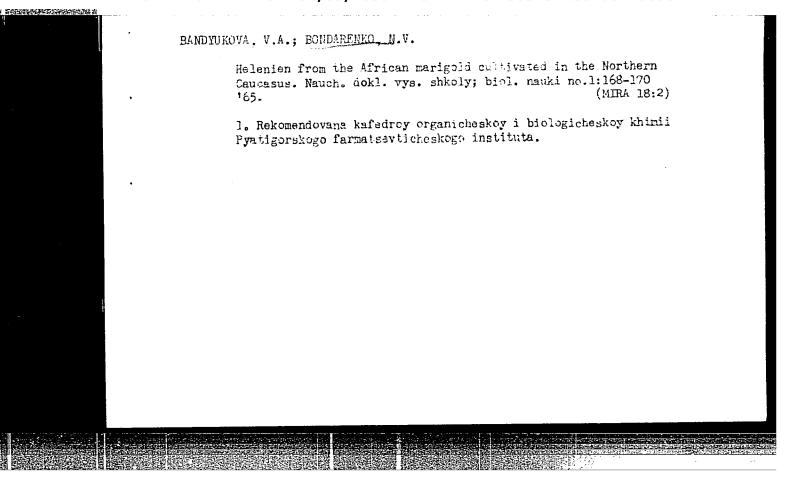
Anniversaries of our specialists. Zashch. rast. ot vred. i bol. 8 no.6:[01-62 Je '63. (MIRA 16:8)

1. Dekan fakul'teta zashchity rasteniy Leningradskogo sel'skokhozyatstvennogo instituta (for Bondarenko). 2. Chlenekorrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nawk im. Lenina (for Shcherbinovskiy).

(Bel-Blenko, Grigorii Iakovlevich, 1903-)

(Aleksandrov, Nikolai Vasil'evich, 1903-)

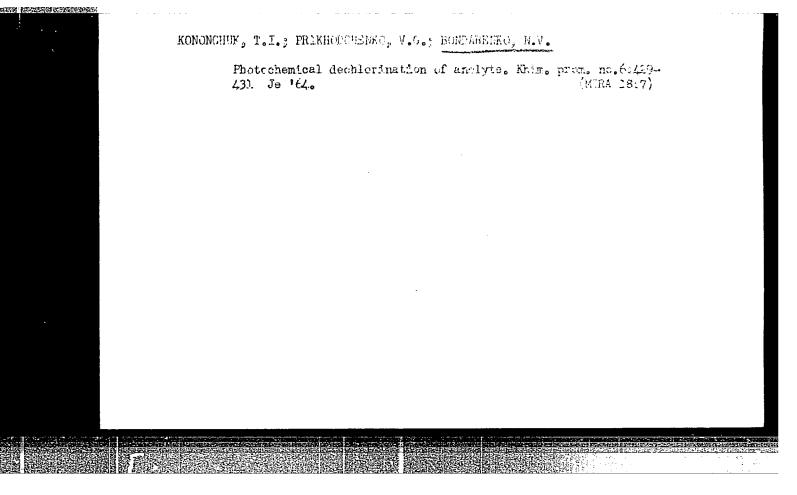
(Batiashvili, Iraklii Dmitrievich, 1903-)



KARNAUKHOV, Ivan Prokof'yevich, dots.; IVANKIN, Vasiliy Kirillovich, prof.; VERESOV, Konstantin Nikolayevich, dots.; BONDARENKO, Nikolay Vasil'yevich, dots.; NIKISHIN, Konstantin Georgiyevich, dots.; LANGE, K.P., kand. sel'khoz. nauk, dots. retsenzent; MERKULOV, M.P., kand. sel'khoz. nauk, dots., retsenzent; NOVIKOV, A.A., kand. sel'khoz. nauk, dots., retsenzent: MOSUL'KO, I.M., st. prepod., retsenzent; SAFRONOVA, O.G., st. prepod., retsenzent; YEFIMOV, A.L., red.

[Fundamentals of agriculture] Osnovy sel'skogo khoziaistva.
3. perer. izd. Moskva, Prosveshchenie, 1965. 646 p.
(MIRA 18:3)

1. Kuybyshevskiy pedagogicheskiy institut (for Lange, Merkulov). 2. Orlovskiy pedagogicheskiy institut (for Novikov, Nosul'ko, Safronova).



KONONCHUK, T.I.; RED'KO, L.P.; KORCHEV, M.A.; FUSTOVIT, V.T.;
BONDARENKO, N.V.

Effect of the addition of polyacrylamide to the brine on the

Effect of the addition of polyacrylamide to the brine on the electrolysis process with a mercury cathode. Khim. prom. 41 no.8:599-600 Ag '65. (MIRA 18:9)

STRELETS, Kh.L.; BONDARENKO, N.V.

Reaction of magnesium chloride with calcium oxide in chloride melts. Zhur. neorg. khim. 8 no.7:1706-1709 Jl '63.

(MIRA 16:7)

(Magnesium chloride) (Calcium oxides)

(Fused salts)

	:	Forestry, General Problems. REBiol., Ro. 2, 1959, Ro. 6122	
OUTHOR INST. PITLS	•	head renko, N.Ya. No. given The State of Stands in Besningerskiy Forest Range.	
ORIG. PUR		The rabot po less. kn-vu Sev. havkaza. Vyp. 5. Maykop, 1958, 69-77. The fact is emphasized that Bushtaugorskiy orest Bonge with an area of 6437 bectares is of significance for its water reteative, soil protective and establic and sanitary features. Large scale desiccation of the the treas has been observed here since 1950-1351. The extent of desiccation has comprised 27.3 percent for oak, 44.8% for normbeam and 36.4% for the European osh. Trees of all ages dry out, incomed as the	
JARD:		N7 .	