PEVZNER, O.B., kand.tekhn.nauk; BEL'MAN, M.Kh., inzh.; SHCHEKIN, G.A.; FISHEL'ZON, I.V., inzh.

Increase in the life of regulator contactors of the electric motors of telegraph apparatus. Vest. sviazi 22 no.10:14-15 O '62. (MIRA 15:11)

(Electric contactors) (Teletype)

BEL'MAN, Moisey Khaimovich, inzh.

Compensation of the wear of the contactors of the centrifugal speed regulator for collector-type micromotors. Izv. vys. ucheb. zav.; elektromekh. 4 no.12:106-109 '61. (MIRA 15:1)
(Electric motors)

PUDIKOV, Dmitriy Vsevolodovich; RUBINSKIY, Petr Samoylovich; BEL'MAN, Mikhail L'vovich; ZAYKOV, S.T., otv. red.; LIBERMAN, S.S., red.izd-va; ANDREYEV, S.P., tekhn. red.

[Operation of steel pouring ladles with rammed lining] Ekspluatatsiia stalerazlivochnykh kovshei s nabivnoi futerovkoi. Khar'kov, Metallurgizdat, 1962. 62 p. (MIRA 15:7)
(Open-hearth furnaces--Equipment and supplies)

BEL'MAN, V.I., inzh.

OF-6 ridger for milled peat. Torf.prom. 36 no.4:14-15 '59.
(MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti.
(Peat machinery)

L 55235-65 EWP(e)/EWT(m)/EWP(t)/EWP(k)/EWP(z)/EWP(b) Pf-4 JD/JT

ACCESSION NR: AP5015546 UR/0286/65/000/008/0085/0085
621.775.74.984.5

AUTHOR: Mukaseyev, A. A.; Bel'mer, A. A.; Salibekov, S. Ye.

TITLE: Method of hot compacting powder articles. Class 49, No. 170266

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 85

TOPIC TAGS: powder compacting, hot compacting, long part compacting

ABSTRACT: This Author Certificate introduces a method of hot compacting powder articles. To obtain uniform density in articles with a height-to-diameter ratio higher than 3, powder is heated in zones and each sintered zone transmits the pressure of the male die to the next zone. [ND]

ASSOCIATION: Organizatsiya Goskomiteta po Aviatsionnoy Tekhnike SSSR (Organization of the State Committee for Aviation Engineering SSSR)

SUBMITTED: 08Apr64 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4022

Card 1/1

BABICH, B.N., inzh.; BEL'MER, P.F., inzh.

Manufacturing workpieces of refractory materials. Vest.mash. 41 no.4:49-53 Ap '61. (MIRA 14:3)
(Refractory materials) (Heat-resistant alloys) (Forging)

BEL'MER, Yu, starshii asistent

Clinical picture of embolism of the extremity. Khirurgiia, Sofia 7 no.5:290-294.

1. Meditsinska Akademii I.P.Pavlov, Plovdiv. Klinika po bolnichna khirurgii. Zavezhdashch katedrata dots. L.Khaidudov.

(EXTREMITIES, blood supply, embolism)
(EMBOLISM, extremities)

PLOSKOV, D.; ANDREEV, T.; BEIMER, Iu.; GINEV, I.; KALEV, N.; KIM, G.; KIM, C. M.; LI, C.S.; LI, Z.I.; PETROV, N.; SIMEONOV, L.

Etiopathogenetic surgical treatment of torpid infections with various localizations in the light of I. P. Pavlov's theory. Khirurgiia, Sofiia 11 no.1:23-27; contd. 1958.
(INFECTIONS, surg.
torpid infect. (Bul))

PLOSKOV, D.; ANDREEV, T.; [redacted], I.; KALEV, N.; KIM DZHUN, KIM CHE M'ON.; LI CHAN SO.; LI ZON I.; PETROV, P.; SIMEONOV, L.

Etiopathogenetic surgical treatment of torpid infection with various localizations in the light of I. P. Pavlov's teaching. Khirurgiia, Sofia 11 no.3:207-215 Mar 58.

(INFECTION, surg.
in torpid infect. in various localizations (Bul))

15.2240
1.1600

29555
S/122/61/000/004/002/007
D211/D303

AUTHOR: Babich, B.N., and Bel'mer, P.F., Engineers

TITLE: On the manufacture of products from refractory compounds

PERIODICAL: Vestnik mashinostroyeniya, no. 4, 1961, 49-52

TEXT: The authors give a description of properties of refractory compounds (carbides, nitrides, borides and silicides of refractory metals) and possibilities of applying them in machine parts etc. Methods of manufacturing articles from refractory compounds include cold pressing with subsequent sintering, and hot pressing. The latter is discussed in detail. A press for hot pressing produced by Odessa factory is described. Methods of working of refractory compounds are mentioned; the ultrasonic method is stated to be the most advantageous and is described in detail. There are 3 tables, 6 figures and 14 references: 13 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: J. Everhart, Materials and Methods, 40, 90, 1954.

Card 1/1

AUTHOR: [redacted] 32-1-51/55

TITLE: A Device for Testing Fatigue in Wire Ropes in an Asymmetric Cycle (Ustanovka dlya ispytaniya kanatnoy provoloki na ustalost' pri asimmetrichnom tsikle).

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 1, pp. 117-118 (USSR)

ABSTRACT: The device suggested in this paper consists of a beam (with a double T-section), which is fastened hinge-like at one end upon a firm base. At about 2/3 of the total length of the beam a device for connecting the rope to be examined is provided. The wire rope fastened here is led vertically upwards, where it rests upon the rounded edge of the transversally arranged second beam, which is firmly mounted. The rope is arranged in such a manner that the first beam is horizontal. At the free end of this beam a weight is fitted, and above it a vibrator is mounted. The vibrator consists of a weight which performs circular oscillatory motions thus causing a non-uniform stress to be brought to bear upon the end of the rope subjected to stress. The vibrator is driven by a small motor with elastic transmission. If the rope should break, the beam falls upon the switch arranged below it (on the block) and

Card 1/2

hereby the motor is switched off. Theories dealing with the subject and the formula for computing the stresses concerned are mentioned in this paper. There are 2 figures, and 2 Slavic references.

ASSOCIATION: Krivoy Rog Ore-Mining Institute (Krivorozhskiy gornorudnyy institut)..

AVAILABLE: Library of Congress

Card 2/2 1. Cables-Fatigue-Test methods 2. Instrumentation

BEL'MES, M. S. Cand Tech Sci -- (diss) "Study of the operation of fastening of hoisting cables in mines and selection of the constructional parameters of eye rings and clamps." Khar'kov, 1959. 13 pp (Min of Higher and Secondary Specialized Education UkSSR. Khar'kov Mining Inst), 150 copies (KL, 47-59, 114)

BEL'MES, M.S., inzh.

Theoretical bases of calculating eqiupment suspended on wedge-eye rings. Gor. zhur. no.12:33-37 D '61. (MIRA 15:2)

1. Krivorozhskiy gornorudnyy institut.
(Mine hoisting)

BELMUSTAKOV, Em.

Stratigraphy of the Lower Paleogene of the plateaux of the Northeastern Bulgaria. Izv Geol Inst BAN 10:89-118 '62.

BELMUSTAKOV, E.

The Lutetian in the Kamchiya section of the Eastern Balkan Mountains. p. 3. (IZVESTIIA, Vol. 4, 1956, Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sep 1957. Uncl.

BELYUSTAKOV, E[illegible]

Geography & Geology

Bulgarska akademiia na naukite. Geologicheski institut. IZVESTIIA. Sofiia. Vol. 6, 1958.

The Bartonian of the Upper Eocene in the valley of the Luda Kamchiya River. p. 15.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No2 2, February 1959, Unclass.

ACHMATOWICZ, O.; ACHMATOWICZ, O. Jr.; BELNIAK, K.; WROBEL, J. T.

The chemistry of carbonyl cyanide. VII. On the competing effects of conjugation and hyperconjugation on the nucleophilic reactivity of the ethylene linkage in arylmonoolefines. Bul chim PAN 8 no.7: 345-350 '60. (EEAI 10:9/10)

1. Department of Organic Chemistry, University, Warsaw and Department of Organic Synthesis, Polish Academy of Sciences. Presented by O. Achmatowicz.

(Carbonyl compounds) (Cyanide) (Nuclear reaction) (Ethylene)

ACHMATOWICZ, Osman; ACHMATOWICZ, Osman, jr.; BELNIAK, Konstanty; WROBEL Jerzy

Chemistry of carbonyl cyanide. VIII. On the competing effects of conjugation and hyperconjugation on the nucleophylic reactivity of the ethylene linkage in arylmonoolefins. Rocz chemii 35 no.4:783-798 '61.

1. Department of Organic Chemistry, University, Warsaw and Institute of Organic Chemistry, Polish Academy of Sciences, Warsaw.

L 11351-65 EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4 RPL WW/RM

ACCESSION NR: AP4047223 S/0190/64/006/010/1917/1917

AUTHOR: Frenkel', S. Ya.; Baranov, V. G.; Bel'nikevich, N. G.; Panov, Yu. N.

TITLE: Orientation mechanism of solid-phase formation in polymer solutions subjected to a longitudinal hydrodynamic field

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 10, 1964, 1917

TOPIC TAGS: solid phase formation, polymer solution, elongation, fiber formation, polymethyl methacrylate, fibroin

ABSTRACT: A new mechanism of solid phase formation in a liquid polymer-solution thread during orientation has been discovered. Liquid threads of 15% fibroin solution in water or 3% poly(methyl methacrylate) solution in dimethylformamide were stretched. In all cases, even with moderate elongations, there was irreversible solvent displacement from the thread, forming a slightly swollen fiber. It is suggested that the new mechanism is a primitive simulation of the formation process of natural silk and cobwebs. The mechanism may be of

Card 1/2

L 11351-65

ACCESSION NR: AP4047223

significance in gaining an understanding of the formation process of oriented polymer systems from solutions. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 22Jun64 ATD PRESS: 3118 ENCL: 00

SUB CODE: GC NO REF SOV: 002 OTHER: 002

Card 2/2

BEL'NIKEVICH, N.G.; PYRKOV, L.M.; SOROKIN, A.Ya.; FRENKEL', S.Ya.

Orientation draft of polyvinyl alcohol fibers. Khim. volok. no.5:24-27 '65. (MIRA 18:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

BELOBARINA, G. V., Cand of Med Sci -- (diss) "Comparative morphological characteristics of the action on the organism of silicic anhydride and quartz dust." Moscow, 1957, 16 pp (Institute of Hygiene of Labor and Occupational Diseases, AMS USSR), 200 copies, (KL, 29-57, 93)

BELOBAYEV, G.Ya., pomoshchnik mashinista teplovoza

Method for increasing the efficiency of diesel locomotive fuel heaters. Elek.i tepl.tiaga 3 no.5:14 My '59. (MIRA 12:9)

1. Depo Krasnoufimsk, Kazanskaya doroga.
(Diesel locomotives--Equipment and supplies)

BELOBAYEV, G.Ya., inzh.

Method for increasing the reliability of a regulator of the 2D100 diesel. Elek. i tepl. tiaga 7 no.3:21 Mr '63.
(MIRA 16:6)

(Diesel engines)

BELOBAYEV, G.Ya., inzh.

Modification of the design of speed regulators. Elek. i tepl. tiaga 7 no.10:22 O '63. (MIRA 16:11)

1. Depo Krasnoufimsk Gor'kovskoy dorogi.

BELOBAYEV, G.Ya., inzh.

Investigating the feedback system of the 2D-100 diesel engine regulator. Vest. TSNII MPS 22 no.4:25-27 '63. (MIRA 16:8)

1. Lokomotivnoye depo v g. Krasnoufimsk.
(Diesel engines) (Feedback control systems)

BELOBORODOV, A., general-polkovnik

Our work with commissioned officers should contribute to the solution of problems raised by the 22d Congress of the CPSU. Komm.Vooruzh.-Sil 2 no.2:19-26 Ja '62. (MIRA 15:3)
(Russia--Army--Officers)

BELOBORODOV, A., Dvazhdy Geroy Sovetskogo Soyuza, General armii

Constantly strengthen the authority of sergeants. Komm. Vooruzh. Sil 4 no.17:18-24 S '64. (MIRA 17:12)

1. Komanduyushchiy Voyskami Moskovskogo voyennogo okruga.

L 24120-66

ACC NR: AP6011736 (A) SOURCE CODE: UR/0317/66/000/003/0004/0010

AUTHOR: Beloborodov, A. (General of the Army, Commanding General of the Military District of Moscow, Delegate to the 23rd Communist Party Congress)

ORG: none

TITLE: Information on military training in the Military District of Moscow

SOURCE: Tekhnika i vooruzheniye, no. 3, 1966, 4-10

TOPIC TAGS: military training, military tank, military operation, military personnel, artillery weapon, air force training

ABSTRACT: The article deals with the military training in units, subunits, and educational institutions of the Military District of Moscow. Servicemen are trained in night firing at daylight standards. Tank and motor-vehicle units and subunits are using combat and transport vehicles with a great sense of responsibility in order to increase the mileage between repairs. Certain tank battalions have so-called technical teams where propaganda for the improvement of firing skill and driving and maintenance of combat vehicles is carried on. Tankmen of the Kantemirov and Taman Guard Divisions improved the combat readiness of tank units and increased the traveling speed of combat vehicles under all conditions, day or night. A number of tank drivers became first-class specialists. They learned how to destroy targets in different situations. Almost all tank commanders and gunners became third-class tank

Card 1/2

L 24120-66
ACC NR: AP6011736

drivers. Artillery units and subunits must skillfully carry out a march in quick time and rapidly deploy from a march column for a battle. For the further improvement in training, certain garrisons have so-called universities operating on a volunatary basis. An unidentified large air unit has a so-called engineering and technical university for improving the skill of pilots and navigators. [Summary]
[MT]

SUB CODE: 15/ SUBM DATE: none/

Card 2/2 fal

BELOBORODOV, A.V., red.; BARYSHNIKOV, A.I., red.; BYCHKOV, N.N., red.; KLIMOVA, G.D., red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.2. Sec.D. ch.8. [Specifications for planning railroad and highway tunnels (SNiP II-D.8-62)] Tonneli zheleznodorozhnye i avtodorozhnye; normy proektirovaniia (SNiP II-D. 8-62). 1963. 16 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Beloborodov). 3. Mezhduvedomstvennaya komissiya po peresmotru stroitel'nykh norm i pravil (for Baryshnikov). 4. Gosudarstvennyy proyektno-izyskatel'nyy institut Ministerstva transportnogo stroitel'stva (for Bychkov). (Tunnels—General)

BELOBORODOV, F.M.

KUZNETSOV, N.V., doktor tekhn. nauk; LUZHNOV, G.I., inzh.; BELOBORODOV, F.M., inzh.

Cast-iron shot cleaning of the convective surfaces of boiler units. Teploenergetika 4 no.12:3-9 D '57. (MIRA 10:11)

1. Vsesoyuznyy teplotekhnicheskiy institut i Omskaya TETs - 3.
(Boilers)

SOV/96-59-4-9/21

AUTHORS: Mekler, I.L., Engineer; Tkachenko, Yu.D., Engineer; Venediktov, B.A., Engineer and Beloborodov, F.M. Engineer

TITLE: The Use as Bubbling Devices in High Pressure Boilers of Screens Operating Under Conditions in which the Washing Water Does Not Fall Through Them (Primeneniye shchitov, rabotayushchikh v rezhime neprovalivayushchegosya sloya vody v kachestve barbotazhnykh ustroystv dlya kotlov vysokogo davleniya)

PERIODICAL: Teploenergetika, 1959, Nr 4, pp 45-48 (USSR)

ABSTRACT: At the present time the boiler makers are producing high pressure drum type boilers with two stage evaporation in which all of the steam is washed by bubbling according to the method of the Central Boiler Turbine Institute. In particular cases the Taganrog Boiler Works have installed a third evaporative stage in boilers type TP-230. These devices inside the drum have given good service in condensing power stations except that there has been some difficulty in cleaning them of sludge. In a Heat and Electric Power Station the system may be inadequate. A particular boiler type TP-230-2 was provided with

Card 1/4

The Use as Bubbling Devices in High Pressure Boilers of Screens Operating Under Conditions in which the Washing Water Does Not Fall Through Them

two-stage evaporation and all the steam was washed by bubbling (see Fig.1 and 2). It was found on test that the steam delivered by the boiler was not of sufficient purity. Consideration of the operation of the bubbling devices provided by the boiler makers showed that about a third of the useful area of the bubbling device was lost because the washing screens had large unperforated caps in the centre, see Fig.3. It seemed advisable to replace the existing washing device by a simple flat perforated screen operating under such conditions that it was not penetrated by the washing water. Similar screens had previously been used by the Moscow Division of the Central Boiler Turbine Institute for evaporators. Screens of this type were accordingly installed, the general arrangement is as shown in Fig.4. The salty section of the boiler was reconstructed as shown in Fig.5. Tests were then run to determine the silica contents of the steam and water using a photo calorimeter type FEK-M. The tests were carried out at minimum loads of 110-130 tons/hour and

The Use as Bubbling Devices in High Pressure Boilers of Screens Operating Under Conditions in which the Washing Water Does Not Fall Through Them

maximum loads of 230-245 tons/hour at which carry-over of silica was most probable. The silica content of the boiler water in the clean section ranged from 2.7 - 11.5 mg/litre and in the salty sections from 28-100 mg/litre. When the silica content in the salty section was up to 80 mg/litre the silica content in the saturated and superheated steam did not exceed 0.025 mg/litre. After installation of the screens it was also found that the boiler could be operated over a much wider range of load without the quality of the steam being impaired. Graphs of the relationship between the total carry-over and the silica content of the boiler water are given in Fig.6. This graph includes similar data for a boiler type PK-14 at another power station which was not modified.

The Use as Bubbling Devices in High Pressure Boilers of Screens Operating Under Conditions in which the Washing Water Does Not Fall Through Them

The advantages of the new screen are clearly seen. Typical test data are tabulated. There are 6 figures, 1 table and 1 Soviet reference.

ASSOCIATION: Ural'skoye Otdeleniye ORGRES - Omskaya TETS-3 (Ural Division of ORGRES - Omsk Heat and Electric Power Station Nr.3)

IVANOV, F.M., inzhener; BELOBORODOV, F.N., inzhener

Use of vinsol resins for protecting freshly laid concrete.
Avt. dor. 18 no.2:17-18 Mr-Ap '55. (MLRA 8:6)
(Roads, Concrete) (Resins, Synthetic)

BELOBORODOV, G.

Radio receiving and transmitting center in school

Radio, no. 4, 1952

MASLIY, Konstantin Yakovlevich, novator proizvodstva; BELOBORODOV, I.Ye., inzh., retsenzent; KOLENEKO, Yu.M., inzh., red.; DUGINA, N.A., tekhn. red.

[Comprehensive plans for increasing labor productivity] Kompleksnye plany povysheniia proizvoditel'nosti truda. Moskva, Mashgiz, 1961. 29 p. (Biblioteka rabochego-mashinostroitelia. Seriia: Peredovaia tekhnika - osnova kommunisticheskogo truda, no.6) (MIRA 15:6)

1. Rukovoditel' brigady kommunisticheskogo truda Ural'skogo zavoda tyazhelogo mashinostroyeniya (for Masliy).
(Sverdlovsk—Machinery industry)
(Socialist competition)

BELGORODOVA, G.G.

Requirements of meadow and pasture plants in warmth and moisture. Trudy KazNIGMI no.24:3-11 '65. (MIRA 18:10)

Moisture supply of headed spring grain crops on dry-farming areas of southeastern Kazakhstan. Ibid.:120-132

BELOBORODOVA, G.G.; GERASIMENKO, G.D.

Effectiveness of the utilization of summer precipitation by the pasture vegetation of the semidesert and desert regions of Kazakhstan. Trudy KazNIGMI no.24:12-19 '65.

(MIRA 18:10)

BELOBORODOVA, G.G.; RYABIKINA, G.I.

Method of evaluating the agrometeorological conditions for the autumn growth of pasture vegetation of lowland Kazakhstan and the western Caspian Sea region. Trudy KazNIGMI no.24:20-37 '65.
(MIRA 18:10)

FEDOSEYEV, A.P.; BELGORODOVA G.G.

Calculation of the reserves of available moisture in the soil on the pastures of Kazakhstan. Trudy KazNIGMI no.24:38-48 '65.

(MIRA 18:10)

BELOBORODOV, K.G.

Machines for grinding tractor cylinder liners. Stan.i instr. 26 no.12 D '55. (Grinding machines) (MIRA 9:2)

BELOBORODOV, K.G.

BELOBORODOV, K.G.

Automatic production line for machining engine blocks. Mashinostroitel' no.9:6-7 S '57. (MLRA 10:9)
(Machine tools) (Automatic control) (Tractor--Engines)

PAPKOV, V.S.; BELOBORODOV, M.G., inzh.; ALEKSANDROVA, G.I.; NOVIKOV, S.P., starshiy normirovshchik. Prinimal uchastiye: FATEYEVA, T.M., inzh.; BURAKOVA, T.K., tekhnik; SHTRUK, G.G., inzh., red.; EL'KIND, V.D., tekhn. red.

[General machinery industry time norms for use in connection with the establishment of engineering norms for electrical work in the manufacture of instruments; lot and small-lot production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia elektromontazhnykh rabot v priborostroenii; seriinoe i melkoseriinoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 126 p. (MIRA 14:10)

1. Moscow. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Nachal'nik sektora sborochnykh i montazhnykh rabot normativno-issledovatel'skoy organizatsii Gosudarstvennogo komiteta Soveta Ministrov SSSR po sudostroyeniyu (for Papkov, Beloborodov, Aleksandrova, Novikov).
(Instrument manufacture) (Factory management)

BELOBORODOV, O.S

137-58-3-5635

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 163 (USSR)

AUTHOR: Beloborodov, O. S.

TITLE: Comparative Corrosion-resistance Tests of Steel Specimens With Dull Chromium and Multiple Coatings (Sravnitel'nyye ispytaniya korrozionnoy stoykosti stal'nykh obraztsov s molochno-khromovym i mnogosloynym pokrytiyem)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 7, pp 17-18

ABSTRACT: It is established that a 20-25μ dull Cr coating, followed up by polishing, is more corrosion-resistant than a triple layer of Cu-Ni-Cr coating 30-31μ thick. When tested in a fog chamber, the dull Cr coating exhibited a corrosion resistance which was 1.8 times that of a coating composed of several layers, whereas in tests conducted in a Gardner wheel, its corrosion resistance was found to be almost 2.5 times greater than the resistance of the multiple-layer coating. Deposition of a dull Cr layer requires less labor.

G. K.

Card 1/1

BEREZINA, Ye.Kh.; ZAYTSEVA, A.I.; SAKULINSKAYA, M.G.; VISHNEVSKAYA, O.P.; MEZINA, A.A.; MIKHEYEV, Ya.M.; BELOBORODOV, P.A. Prinimali uchastiye: RASHKATOVA, Z.V.; OLEYNIKOVA, Ye.I.; SIBIRYAKOVA, A.A. MIKHAYLOV, A.N., otv.red.; LIVSHITS, B.Kh., red.; VLADIMIROV, O.G., tekhn.red.

[Agroclimatic manual for Kirov Province] Agroklimaticheskii spravochnik po Kirovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 190 p. (MIRA 14:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Verkhne-Volzhskoye upravleniye.
(Kirov Province--Crops and climate)

BELOBORODOV, P.P.

STARTSEV, V.T.; RAZMAKHANIN, S.L.; YEGOROVA, V.M.; PASHANOVA, L.D.; YEVSEYEV, V.R.; BASTIN, K.F.; BELOBORODOV, P.P.; DEDOV, N.D., red.

[Economy of Amur Province; a statistical manual] Narodnoe khoziaistvo Amurskoi oblasti; statisticheskii sbornik. Blagoveshchensk, Amurskoe knizhnoe izd-vo 1957. 111 p. (MIRA 11:6)

1. Amur.(Province). Oblastnoye statisticheskoye upravleniye. 2. Statisticheskoye upravleniye Amurskoy oblasti (for all except Beloborodov, Dedov). 3. Nachal'nik Statisticheskogo upravleniya Amurskoy oblasti (for Beloborodov)
(Amur Province--Statistics)

~~L 27457-66~~
~~ACC NR: AP6010465~~ (N) SOURCE CODE: UR/0375/66/000/003/0067/0070

AUTHOR: Beloborodov, P. P. (Colonel)

33
B

ORG: none

TITLE: Identification of combat ships and transport vessels on aerial photographs

SOURCE: Morskoy sbornik, no. 3, 1966, 67-70

TOPIC TAGS: aerial photograph, aircraft carrier, cruiser, nuclear submarine

ABSTRACT: The article deals with the identification of combat ships, aircraft carriers, submarines, and transport vessels on aerial photographs. The main signs for distinquishing various types of combat ships and transport vessels on aerial photographs are: configuration, dimentions, image tone, or shadows, and relative disposition of ships. During the course of combat preparation, the distance between aircraft carriers was observed to be from 4 to 8 km and between combat ships from 6 to 18 km. The distance between aircraft carriers in a combat formation is increased up to 100 km. Escort ships are 20 to 40 km from the fleet vessels. Antisubmarine aircraft carriers have smaller flight decks than attack aircraft carriers. Submarines can be easily identified on aerial photographs when located on the surface. Dimensions of foreign nuclear submarines, cruisers, destroyers, and missile launching ships are given. [NT]

SUB CODE: 15/ SUBM DATE: none

Card 1/1 BK

RADCHENKO, G.A., kandidat tekhnicheskikh nauk; BELOBORODOV, P.V., gornyy inzhener; TSOY, S., gornyy inzhener

Calculating ventilation of areas in the secondary crushing horizon as applied to stage ore crumbling systems. Bro'ba s sil. 2:159-172 '55. (MLRA 9:5)

1. Institut gornogo dela Akademii nauk Kazakhskoy SSR.
(MINE VENTILATION) (DUST--PREVENTION)

RADCHENKO, G.A.; BELOBORODOV, P.V. [illegible] P.V.

Distribution in height of dust concentrations, in diagonally connected air ducts. Trudy Inst. gor. dela AN Kazakh. SSR 2:173-188 '57.
(Mine dusts) (MIRA 10:12)

Belaborodov, P.V.

RADCHENKO, G.A.; BELOBORODOV, P.V.

Method of calculating the necessary amount of air for the ventilation of drift mines by the concentration of dust. Vest. AN Kazakh. SSR 14 no.1:25-39 Ja '58. (MIRA 11:2)
(Mine ventilation)

RADCHENKO, G.A.; BELOBORODOV, P.V.

Distribution of dust concentrations in the cross section of skeleton drift mining models. Trudy Inst. gor. dela AN Kazakh. SSR no.3:147-159 '58. (MIRA 11:6)
(Mine dusts) (Engineering models)

BELOBORODOV, P.V.

10(2) PHASE I BOOK EXPLOITATION SOV/2[illegible]

Soveshchaniye po prikladnoy gazovoy dinamike. Alma-Ata, 1956

Trudy (Transactions of the Conference on Applied Gas Dynamics) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 235 p. Errata slip inserted. 900 [illegible]

Sponsoring Agency: Kazakhskiy gosudarstvennyy universitet imeni S.M. Kirova.

Ed.: V.V. Aleksandriyskiy; Tech. Ed.: Z.P. Rorokina; Editorial Board: L.A. Vulis (Resp. Ed.), V.P. Kashkarov, T.P. Leont'yeva, and B.P. Ustimenko.

PURPOSE: This book should be of interest to scientists and engineers working on problems of applied gas dynamics and may be of use to students.

COVERAGE: This book presents reports and brief summaries of the discussions which took place at the Conference on Applied Gas Dynamics in Alma-Ata in October 1956. The conference was subdivided into three areas of applied gas dynamics: jet flows of fluids and gases, the aerodynamics of heating processes, and the discharge of a fluid. The practical value of the "Transactions of the Conference" consists in the development of theory, methods of technical calculation and methods for systematic measurement applied to heating, furnace, and other industrial processes for which, in most cases, aerodynamic phenomena are decisive factors.

AVAILABLE: Library of Congress

RADCHENKO, G.A., kand.tekhn.nauk; BELOBORODOV, P.V., gornyy inzh.

Distribution of dust concentrations in continuous drift-type workings near the dust source. Bor'ba s sil. 3:109-117 '59. (MIRA 12:9)

(MINE DUSTS)

RADCHENKO, G.A., kand.tekhn.nauk; BELOBORODOV, P.V., gornyy inzhener

Modified apparatus for the uniform feeding of finely dispersed dust. Gig.i san. 25 no.8:36-38 Ag '60. (MIRA 13:11)

1. Iz Instituta gornogo dela Akademii nauk Kazakhskoy SSR.
(LUNGS—DUST DISEASES)

22225

S/124/61/000/003/017/028
A005/A105

11.7410

AUTHORS: Radchenko, G. A., and Beloborodov, P. V.

TITLE: The fields of high-dispersed aerosol concentration in air conduits

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1961, 76, abstract 3B513 (Tr. Soveshchaniya po prikl. gaz. dinamike, 1956. Alma-Ata, AN KazSSR, 1959, 223-229. Diskus., 229-230)

TEXT: The authors present results of an experimental investigation of the dustiness of a stream by means of a model of a mine air conduit consisting of a metallic pipe of quadratic cross section having a width of a = 0.35 m and a length of 20.9 m. Mine dust (γ = 2.5 g/cm^3) with about 1.32 micron in particle diameter was added to the stream. The dust consumption was maintained equal to 10 g/min. The experiments were conducted at 5 speeds within the range from 3.5 to 7.5 m/sec (for values of the Reynolds number from 1 up to 2 x 10^5). The curves of velocity- and dustiness distribution were taken at 7 cross sections of the conduit. The steady concentration field was found at a distance of about 50 a from the first point of dust supply into the stream. As a result of the

Card 1/2

22225

The fields of high-dispersed ... S/124/61/000/003/017/028
A005/A105

investigation, an empirical formula of the curve of concentration distribution over the stream cross section is suggested. There are 10 references.

Ye. Minskiy

[Abstractor's note: Complete translation]

Card 2/2

NEDLINA, E.M.; KOMRAKOVA, A.M.; BELOBORODOV, R.A. (Saratov)

Case of extensive myocardial infarct of the right ventricle with involvement of the right atrium. Klin.med. 40 no.5:141-143 '62. (MIRA 15:8)

1. Iz kabineta funktsional'noy diagnostiki (zav. E.M. Nedlina) i patologoanatomicheskogo otdeleniya (zav. A.M. Komrakova) Dorozhnoy klinicheskoy bol'nitsy (nach. R.F. Nazarenko) Privolzhskoy zheleznoy dorogi.
(HEART—INFARCTION)

BELOBORODOV, S.V.

Major trends in the specialization and consolidation of the furniture industry. Der. prom. 14 no.1:3-5 Ja '65.

(MIRA 18:4)

1. Upravleniye mebel'noy promyshlennosti Gosleskomiteta.

BELOBORODOV, S.V.

Interfactory school for the exchange of work experiences by furniture industry enterprises. Der.prom. 14 no.11:31 N '65. (MIRA 18:11)

(

06426
SOV/107-59-5-21/51

AUTHOR: Beloborodov, V. (Gor'kiy - RA3TCB)

TITLE: 800 Long-Distance Communications (QSO)

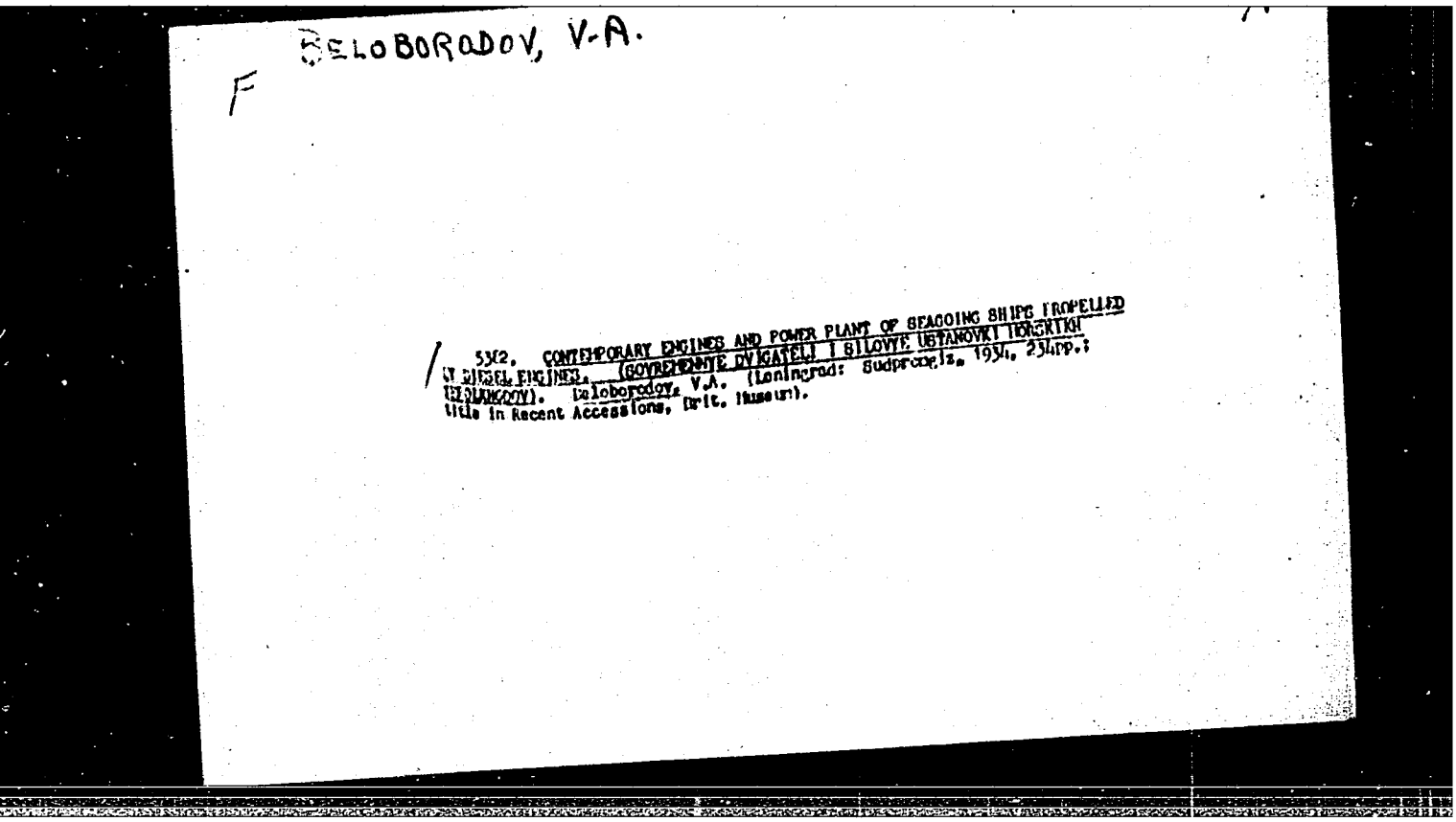
PERIODICAL: Radio, 1959, Nr 5, p 21 (USSR)

ABSTRACT: The author tells about the numerous two-way long-distance communications which he established in the range of 38-40 mc with numerous other operators all over the USSR.

Card 1/1

VITAL'YEV, N.; BELOBORODOV, V., shturman (Penza); VISHNEVSKIY, Ye. (Baku)

By telephone and telegraph from airplanes. Grazhd.av. 20 no.12:13 D '63. (MIRA 17:2)



F

BELOBORODOV, V.A.

5342. CONTEMPORARY ENGINES AND POWER PLANT OF SEAGOING SHIPS PROPELLED BY DIESEL ENGINES. (SOVREMENNYE DVIGATELI I SILOVYE USTANOVKI MORSKIKH TEPLOKHODOV). Beloborodov, V.A. (Leningrad: Sudpromgiz, 1951, 234pp.; illus.)
Title in Recent Accessions, Brit. Museum).

BELOBORODOV, V. A.

Modern engines and power stations of ocean-going diesel ships Leningrad, Gos. izd-vo sudostroit. lit-ry, 1949. 234 p. (50-29914)

VM770.B38

BELOBORODOV, V.A., kand. tekhn. nauk

Design of back-up elements of marine reversing transmission gear.
Sudostroenie 25 no.8:21-26 Ag '59. (MIRA 13:2)
(Marine engineering)

Beloborodov, V.A.

25(2) PHASE I BOOK EXPLOITATION SOV/2095

Konferentsiya po voprosam rascheta, konstruirovaniya i issledovaniya zubchatykh peredach i peredach gibkoy svyazi. Odessa, 1957

Raschet, konstruirovaniye i issledovaniye peredach; trudy konferentsii, [t.] 1 (Design, Construction and Analysis of Transmissions; Transactions of the Conference on Problems in Design, Construction and Analysis of Gear and Flexible Transmissions, Vol 1) Odessa, 1958. 199 p. 5,000 copies printed.

Sponsoring Agencies: Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti, Odesskoye oblastnoye pravleniye, and Odesskiy politekhnicheskiy institut.

Ed.: I.P. Kiktenko, Engineer; Tech. Ed.: A. B. Kondrashov; Editorial Board: L.E. Norvich, Candidate of Technical Sciences, M.S. Belyayev, Engineer, M.D. Genkin, Candidate of Technical Sciences, E. I. Zablonskiy, Candidate of Technical Sciences (Resp. Ed.), F. S. Zak, Candidate of Technical Sciences, B.G. Kiktenko, Candidate of Technical Sciences, V.N. Kudryavtsev, Doctor of Technical Sciences, V.P. Mal'tsev, Candidate of Technical Sciences, M. B. Polotskiy, Candidate of Technical Sciences, and L.B. Erlikh, Candidate of Technical Sciences.

Card 1/8

COVERAGE: This book is the first of three volumes dealing with the transactions of the conference. This first volume contains articles on the design and construction of gearings and worm gearings. The second volume treats flexible transmissions, and the third, theoretical and experimental analysis of transmissions. References follow several of the articles.

TABLE OF CONTENTS:

Card 4/8

BELOBORODOV, V. V.

Unit operations

(2)

The mode of movement of miscella in a vertical worm extractor. I. V. Gavrilenko and V. V. Beloborodov. *Maslobeino-Zhirovaya Prom.* 18, No. 7, 10-13(1953).—This has been investigated in regard to the velocity with which the solvent and the solid particles move in the app., the size of the particles, and the viscosity of the mixt. Reinold's rule is being used in computation of the data. V. N. K.

BELOBORODOV, V.V.

USSR/Chemical Technology. Chemical Products and Their Application -- Fats and oils. Waxes. Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6390

Author: Beloborodov, V. V.

Institution: None

Title: Viscosity of Sunflowerseed and Soybean Miscella

Original Publication: Maslob.-zhir. prom-st', 1956, No 3, 11-13

Abstract: Experimental data are presented concerning the viscosity (V) of sunflowerseed and soybean miscella of different concentration and at different temperatures. Sunflowerseed miscella were produced by extraction of single-forepressing meal, and soybean miscella by extraction of raw flakes with gasoline. V of miscella were determined with a falling ball viscosimeter. Acid values of the miscella oils (in mg KOH): sunflowerseed 2.87, soybean 1.38. From dynamic V data in poise (μ) kinematic V in centistokes ($\underline{V}$) has been calculated according to the formula: $\underline{V} = \mu/p$, wherein p is density of miscella

Card 1/2

BELOBORODOV, V.V., inzhener.

Work practice of the oil industry of the Chinese People's Republic. Masl.-zhir. prom. 22 no.7:33-35 '56. (MLRA 9:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(China--Oils and fats)

USSR /Chemical Technology. Chemical Products and Their Application I-29

Fats and oils. Waxes. Soap. Detergents. Flotation reagents.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32778

oils (cottonseed, linseed, coriander), reduced to 20 values of D, from 0.59 to 0.72 cm^2/second, have been obtained.

Card 2/2

BELOBORODOV, V.V., inzhener.

Method for laboratory extraction. Masl.-zhir. prom. 23 no.2:17-18 '57. (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Extraction (Chemistry))

BELOBORODOV, V.V., inzhener.

Structure of the extractable matter as one of the factors determining the effectiveness of the extraction process. Masl.-zhir. prom. 23 no.5: 13-17 '57. (MIRA 10:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Extraction (Chemistry)) (Soybean)

BELOBORODOV, V.V., Cand Tech Sci—(diss) "Study of the mechanism of the process of extraction ~~process~~ of vegetable fats ~~oils~~." Len, 1958. 16 pp (Min of Higher Education USSR. Krasnodar Inst of Food Industry), 120 copies . List of author's works at end of text (13 titles) (KL,22-58,107)

BELOBORODOV, V.V., inzh.

Experimental data on the benzine capacity of some oilseed cakes.
Masl.-zhir. prom. 24 no.2:7-9 '58. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oilseeds) (Gasoline)

BELOBORODOV, V.V., inzh.; TROS'KO, V.I.

Utilization factor of a vertical screw conveyor extractor.
Masl.-zhir.prom. 24 no.5:13-14 '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Beloborodov). 2. Srednеaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Tros'ko).
(Extraction apparatus) (Oil industries--Equipment and supplies)

BELOBORODOV, V.V., inzh.; CHUDNOVSKAYA, M.A.

Effect of time, vacuum, and live steam on the process of the distillation of micelles. Masl.-zhir. prom. 24 no. 8:13-17 '58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oils and fats)

BELOBORODOV, V.V.

Extraction of vegetable oils from oil cake. Zhur. prikl. khim. 31 no.10:1565-1572 O '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Extraction (Chemistry)) (Oils and fats)

BELOBORODOV, V.V.; CHUDNOVSKAYA, M.A.; KOLTYPIN, A.L., spets.red.; PRASS, B.Yu., vedushchiy red.

[Improvement of the process of micelles distillation in the oil extraction industry] Uluchshenie protsessa distilliatsii mistselly v masloekstraktsionnom proizvodstve. Moskva, Gosinti, 1959. 17 p. (MIRA 13:6)
(Oil industries) (Micelles)

BELOBORODOV, V.V., kand.tekhn.nauk; IVANOVA, N.A.

Investigating the quality of oils and the denaturation of proteins during the processing of oil-rich sunflower seeds by the system prepress expeller. Masl.-zhir.prom. 26 no.1: 1-4 Ja '60. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Sunflower seed oil)

KHLOBORODOV, Vladimir Vital'yevich; KHLIKOVA, L.S., red.; SOKOLOVA, I.A., tekhn.red.

[Methods for calculating the process of vegetable oil extraction] Metody rascheta protsessa ekstraktsii rastitel'nykh masel. Moskva, Pishchepromizdat, 1960. 115 p. (MIRA 14:4)
(Oils and fats)

BEZUGLOV, I.Ye.; KURDYUMOV, V.N., inzh.; V rabote prinimali uchastiye: GABRILENKO, I.V.; GRABOVSKIY, I.I.; NESHCHADIM, A.G.; BELOBORODOV, V.V.; VISHNEPOL'SKAYA, F.A.; MATSUK, Yu.P.; GAYTSKHOKI, N.I.; USACHEV, A.S.; ABKINA, N.N.; RUMYANTSEVA, A.G.; KOSHELEV, A.P.; GRIGOR'YEV, F.L.; LUKASHEVICH, A.M.; STYAZHKINA, A.G.; MIKHAYLOVICH, A.N.; YEDEMSKIY, P.M.; MASLOV, P.V.; KUDRYASHEVA, Z.P.; PROSMUSHKIN, R.M.; SHTAL'BERG, V.A.; BOYTSOV, N.I.

Operational experience with a newly introduced oil-extraction line equipped with the DS-70 belt-conveyer extractor. Masl.-zhir.prom. 26 no.3:29-31 Mr '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Bezuglov, Gabrilenko, Grabovskiy, Neshchadim, Beloborodov, Vishnepol'skaya, Matsuk and Gaytskhoki). 2. Leningradskiy zhirovoy kombinat (for Kurdyumov, Usachev, Abkina, Rumyantseva, Koshelev, Grigor'yev, Lukashevich, Styazhkina, Mikhaylovich, Yedemskiy, Maslov, Kudryasheva, Prosmushkin). 3. Leningradskoye otdeleniye tresta "Prodmontazh" (for Shtal'berg and Boytsov).
(Leningrad--oils and fats)
(Extraction apparatus)

BELOBORODOV, V.V., kand.tekhn.nauk

Balance equations of the extraction process of vegetable oils. Masl.-zhir. prom. 27 no.12:10-11 D '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oils and fats)

BELOBORODOV, V.V., kand.tekhn.nauk; IVANOVA, N.A.

Certain problems involved in the operation of an atomizer in connection with the distillation of micelles by spraying. Masl.-zhir.prom. 28 no.2:4-8 F '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Micelles) (Oil industries--Equipment and supplies)

BELOBORODOV, V.V.; NESHCHADIM, A.G.

The temperature factor in the kinetics of the extraction process of vegetable oils. Izv.vys.ucheb.zav.; pishch.tekh. no.4:133-139 '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov i Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti.
(Oils and fats)
(Liquids, Kinetic theory of)

BELOBORODOV, V.V., kand.tekhn.nauk; IVANOVA, N.A.

Effect of the micelle concentration, temperature and pressure on the efficiency of its distillation with the atomization method. Masl.-zhir.prom. 28 no.9:8-12 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Micelles)

BELOBORODOV, V.V., kand.tekhn.nauk; IVANOVA, N.A.; Prinimala uchastiye: OVCHINNIKOVA, G.A.

Predistilling of micella by dispersion method. Masl.-zhir. prom. 28 no.7:8-10 Jl '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Micelles)
(Oils and fats)

BELOBORODOV, V.V., kand.tekhn.nauk; Prinimali uchastiye: IVANOVA, N.A.; AL'BINSKAYA, O.I.

Predistillation of micelle in the rising film. Masl.-zhir.prom. 29 no.2: 5-8 F '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Micelle) (Distillation apparatus)

BELOBORODOV, V.V., kand.tekhn.nauk; Prinimali uchastiye: IVANOVA, N.A.; AL'BINSKAYA, O.I.

Final distillation of the micelle in the running out film. Masl.-zhir.prom. 29 no.7:4-11 Jl '63. (MIRA 16:9)

1. Moskovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Beloborodov).

(Food industry)

BELOBORODOV, V.V.

Interaction of phases in spray distillation. Izv. vys. ucheb. zav.; pishch. tekh. no.6:108-112 '63. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov, otdel proizvodstva rastitel'nykh masel.

BELOBORODOV, V.V., kand.tekhn.nauk; IVANOVA, N.A.; AL'BINSKAYA, O.I., inzh.; NESHCHADIM, A.G., kand.tekhn.nauk

Behavior of sunflower seed proteins during the process of extraction and solvent removal from oil cakes. Masl.-zhir.prom. 30 no.2:5-7 F '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Beloborodov, Ivanova, Al'binskaya). 2. Vsesoyuznyy zaochnyy tekhnologicheskiy institut pishchevoy promyshlennosti (for Neshchadim).

BELOBORODOV, V. V.

"Atomization of superheated solutions as a method for mass-transfer intensifucatuib with phase changes."

report submitted for 2nd All-Union Conf on Heat & Transfer, Minsk, 4-12 May 1964.

All-Union Sci Res Inst of Fats.

SAVINOV, V.A.; BELOBORODOVA, G.A.

Effect of the length of time passed by larvae of the horse ascarid in the external environment on their migration in transitional hosts. Nauch. trudy Kal. otd. MOIP no.2:89-95 '60. (MIRA 14:10)
(ASCARIDS AND ASCARIASIS)

BELOBORODOVA, G.G.; FEDOSEYEV, A.P.

Characteristics of growth dynamics of sown and pasture forage grasses in relation to agrometeorological conditions. Trudy KazNIGMI no.4:77-84 '55. (MLRA 10:2)

(Crops and climate) (Grasses)

Country : USSR
Category : CULTIVATED PLANTS. GRAINS M

Abs. Jour. : REF ZHUR.BIOL.,21,1958, No 95944

Author : Fedoseyev,A.P.; Beloborodova,G.G.
Institut. : Kazakh Agric. Hydrometeorological Inst.
Title : Agricultural Climatic Conditions for Corn Cultivation in the Northern Half of Kazakhstan

Orig. Pub. : Tr. Kazakhsk. n.-i. gidrometeorol. in-ta, 1957, vyp. 8, 3-27

Abstract : There is a presentation of the agricultural climatic calculations for the individual terrains of Kazakhstan and a preliminary evaluation of the climatic resources found in the northern half of the republic in regard to corn raising. The favorable features of meteorological conditions for corn growing have been determined according to indices of moisture and according to the amount of heat during each year individually. Observational material for 20-40 years has been used.

Card: 1/2

3(7) SOV/1880

PHASE I BOOK EXPLOITATION

Leningrad. Glavnaya geofizicheskaya observatoriya.

Mikroklimat severnoy chasti Kazakhskogo melkosopochnika (Microclimate of the Northern Part of the Kazakh Hummocky Region) Leningrad, Gidrometeoizdat, 1958. 207 p. Errata slip inserted. 800 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Ed. (Title page): I.A. Gol'tsberg, Doctor of Geographical Sciences; Ed. (Inside book): V.D. Pisarevskaya, Tech. Ed.: E.V. Volkov.

PURPOSE: This book is intended for meteorologists, agronomists, workers on collective farms, and the interested layman.

COVERAGE: This book provides a climatic description of the Kazakh Melkosopochnik (Hummocky Region). It lists the results of studies made on the microclimate of the region. Individual chapters deal with the physical phenomena underlying and shaping the microclimatic features, and the effect the latter have upon the region's agriculture. The work was prepared by members of the 000 and the Institute. A map on the occurrence of drought was drawn up by Doctor of Agricultural Sciences A.M. Alpat'yev and scientific worker A.I. Trofimova of the Vsesoyuznyy institut rastenivodstva. Ye.I. Shmatova worked on data dealing with the temperature of the active slopes of Li Pchil'. Zh and the changes in prevailing air currents brought about under the influence of relief. The chart showing the amount of precipitation during the warm period of the year was drawn up by L.P. Shmatova under the direction of Doctor of Geographical Sciences O.A. Drozdov (000). There are 89 references of which 81 are Soviet, 6 German, 1 French, and 1 English.

TABLE OF CONTENTS:

Card 5/8

BELOBORODOVA, G.G.; KONYUKHOV, N.A.; SAMOKHVALOV, N.F.; FEDOSEYEV, A.P.

Brief agroclimatic characteristics of the Kazakh S.S.R. by the republic's natural farming zones. Trudy KazNIGMI no.11:5-29 '59. (MIRA 13:6)

(Kazakgstan--Agriculture)

BELOBORODOVA, G.G.

Agroclimatic conditions for spring wheat cultivation and water requirements of farm crops in the foothills of the Trans-Ili Ala-Tau. Trudy KazNIGMI no.15:94-123 '60. (MIRA 14:1)
(Alma-Ata Province--Wheat--Water requirements)