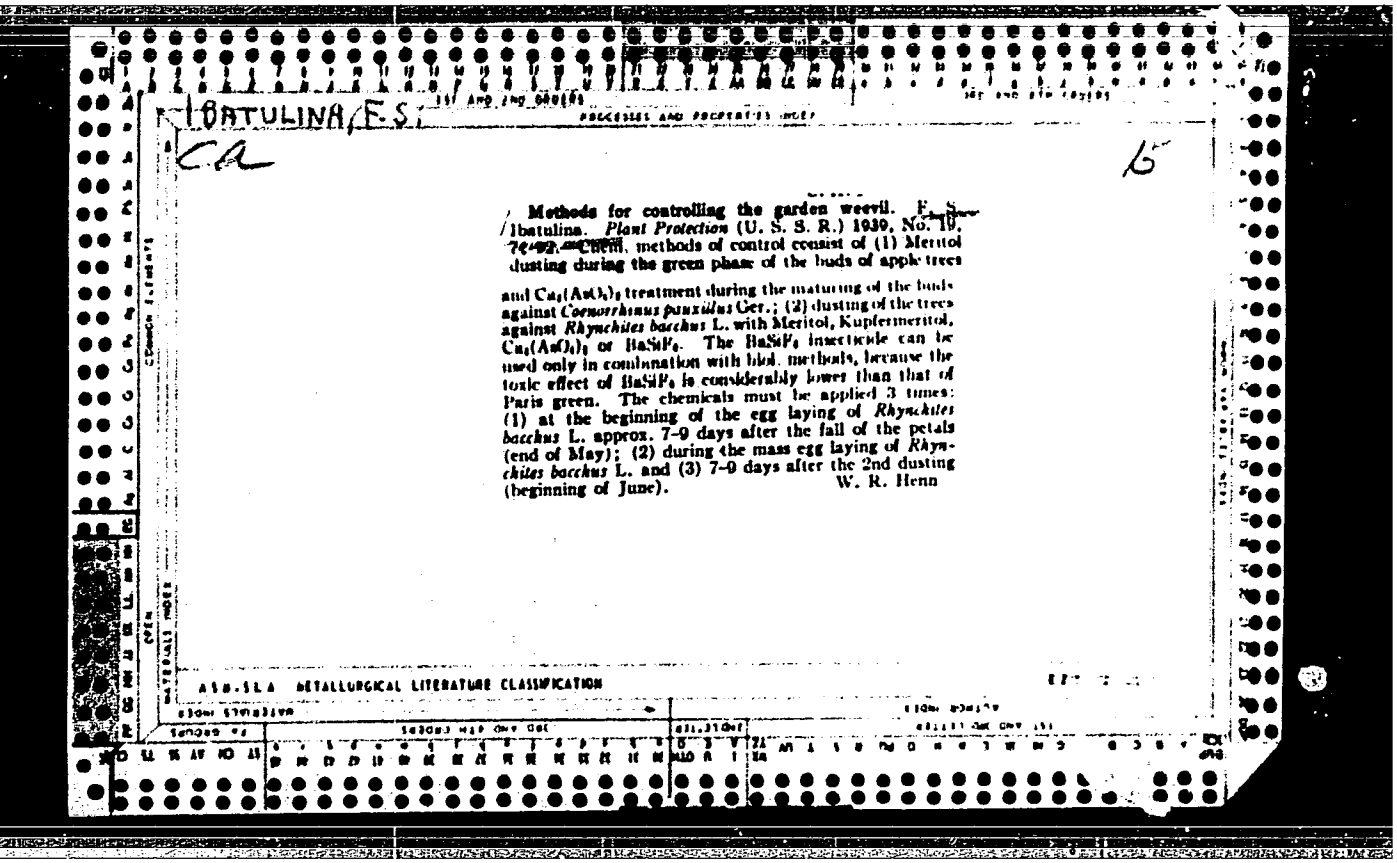
BIKCHURIN, T.N.; IBATULLIN, R.Kh.; KOZLOV, F.A.; MURADOV, M.P.

Means for increasing the efficiency of one-roller bits in turbodrilling. Neft. khoz. 43 no.8:29-36 Ag '65.
(MIRA 18:12)



IBATULINA, E. S.

CA

15

Methods for controlling the garden weevil. E. S. Ibatulina. *Plant Protection* (U. S. S. R.) 1930, No. 19, 79-92.—Chem. methods of control consist of (1) Meritol dusting during the green phase of the buds of apple trees and $Ca_3(AsO_3)_2$ treatment during the maturing of the buds against *Cornorrhinus punctilus* Ger.; (2) dusting of the trees against *Rhynchites bacchus* L. with Meritol, Kupfermeritol, $Ca_3(AsO_3)_2$ or $BaSiF_6$. The $BaSiF_6$ insecticide can be used only in combination with bkd. methods, because the toxic effect of $BaSiF_6$ is considerably lower than that of Paris green. The chemicals must be applied 3 times: (1) at the beginning of the egg laying of *Rhynchites bacchus* L. approx. 7–9 days after the fall of the petals (end of May); (2) during the mass egg laying of *Rhynchites bacchus* L. and (3) 7–9 days after the 2nd dusting (beginning of June). W. R. Henn

A58.5LA METALLURGICAL LITERATURE CLASSIFICATION

11(4) PHASE I BOOK EXPLOITATION SOV/2476

Aliverdizade, K.S., A.A. Daniyelyan, V. I. Dokumentov, A.K. Ibatulov, V.O. Pakhlavuni (Deceased), L.G. Chicherov, and S.V. Yurkevskiy

Raschet i konstruirovaniye oborudovaniya dlya ekspluatatsii neftyanykh skvazhin (Design and Construction of Equipment for Oil Well Exploitation) Moscow, Gostoptekhizdat, 1959. 652 p. Errata slip inserted. 3,500 copies printed.

Exec. Ed.: A.A. Gor'kova; Tech. Ed.: E.A. Mukhina.

PURPOSE: This book is intended for engineers and technicians of oilfields, machine-building and repair plants, and scientific research institutes. It may also be useful to students of petroleum vuzes and departments.

COVERAGE: The authors discuss calculation and design principles of equipment used in oil well operation. In some instances the design of production equipment is also discussed. No personalities are mentioned. There are 66 references, all Soviet.

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TABLE OF CONTENTS:

AVAILABLE: Library of Congress

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10-23-59

FATALIYEV, Mamed Dzhafar ogly, kand. tekhn. nauk; IBATULOV, G.A., dots., kand. tekhn. nauk, red.; RASHEVSKAYA, T.A., red. izd-va

[Hydraulic brake of a draw works] Gidravlicheskii tormoz burovoi lebedki. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 182 p. (MIRA 14:11)
(Winches--Brakes) (Automatic control)

IBATULOV, K. A.

Ibatulov, K. A. "A corrected hydraulic calculation of a sloping trap" in Index: K. A. Ibatullov, Azerbaydzh. neft. khoz-vo, 1946, No. 10, pp. 11-13.

So: U-5261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 1, 1949).

IBATULOV, K. A.

Griazevye nasosy i burovye nasosnye stantsii (Mud pumps and drilling pump stations) Baku, Aznefteizdat, 1953. 131 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

IBATULOV, K.A., dotsent.

Performance of a double-action three-cylinder sludge pump. Trudy Azerb.ind.inst. no.7:40-44 '54. (MLRA 9:9)
(Pumping machinery)

IBATULOV, Kasim Abdulovich; SHISHCHENKO, R.I., professor, doktor tekhnicheskikh nauk, redaktor; GONCHAROV, I.A., redaktor.

[Practical calculations for drilling and operational machinery and devices] Prakticheskie raschety po burovym i ekspluatatsionnym mashinam i mekhanizmam. Izd. 2-oe, perer i dop. Baku, Azerbaidzhanskoe gos.izd-vo neftianoi i nauchno-tekhn.lit-ry, 1955. 292 p. [Microfilm] (MLRA 9:1)
(Boring machinery)

IBATULOV, K.A.

Controlling the operation of mud pumps by means of a hydraulic coupling and hydraulic transformer. Azerb.neft.khoz. 35 no.7:12-15 Jl '56. (MLRA 9:12)

(Oil well drilling--Equipment and supplies)
(Turbodrills)

IBATULOV, K.A.

Effect of gas on the operation of submersible centrifugal electric pumps. Izv. vys. ucheb. zav.; neft' i gaz no.1:67-72 '58. (MIRA 11:8)

1.Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
(Oil well pumps)

IBATULOV, K.A.

Hydraulic impact in submersible electric centrifugal pumps. (MIRA 11:11)
Azerb.neft.khoz. 37 no.8:36-38 Ag '58.
(Oil well pumps) (Water hammer)

IBATULOV, K.A.

Determining the diameter of a bit flushing nozzle producing maximum speed in forming well cavities. Izv. vys. ucheb. zav.; neft' i gaz 2 no.7:25-31 '59. (MIRA 12:12)

1.Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
(Boring machinery)

IBATULOV, K. A., Doc Tech Sci -- "Studies in the sphere of petroleum field machines and mechanisms." Baku, 1961.

(Joint Council of Azerbaydzhan Inst of Petroleum and Chem im M. Azizbekov and institutes and institutions of the Acad Sci AzSSR on Petroleum Field and Petroleum-Mech Branches of the Sci)

(KL, 8-61, 239)

IBATULOV, K.A.

Pumping clay muds with centrifugal pumps. Izv. vys. ucheb. zav.; neft' i gaz 4 no.3:27-32 '61. (MIRA 16:10)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

IBATULOV, K.A.

Conditions of continued flow during a sudden stop of an underground centrifugal electric pump. Izv. vys. ucheb. zav.; neft' i gaz 4 no.6:69-72 '61. (MIRA 15:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Oil well pumps)

IBATULOV, K.A.

Studying the performance of a valve of the U8-3 piston drilling pump. Izv. vys. ucheb. zav.; neft' i gaz 4 no.4:77-82 '61. (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Oil well drilling) (Oil well pumps)

IBATULOV, K.A.

Some means for increasing the efficiency of centrifugal pumps used in the petroleum industry. Izv. vys. ucheb. zav.; neft' i gaz 6 no.4:83-85 '63. (MIRA 16:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.
(Centrifugal pumps)

IBATULOV, K.A.; KASIMOV, I.F.; ROZENBLIT, I.I.

Calculating the permissible loads for high-strength casing strings. Izv. vys. ucheb. zav.; neft' i gaz 7 no.11:101-104 '64. (MIRA 18:11)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova i AzNIIburneft'.

[redacted], Y

Knozyaystvennyi Raschet Mashinostroitel'nogo Zavoda.
(An Economic Alculation of Machine-Building Plants)

Oniva, Minsk, 1950

211 P. Tables.

24.7100

75980
SOV/70-4-5-2/36

AUTHORS: Ibers, J. A., Vaynshteyn, B. K.

TITLE: Expanded Tables of the Atomic Electron Scattering Power According to a Statistical Theory Consistent With Electron Exchanges

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 5, pp 641-645 (USSR)

ABSTRACT: The authors present a newly computed three-page table of the electron scattering power of the atoms whose atomic numbers range from 20 to 104 and sin ϑ/λ varies from 0 to $1.5 \cdot 10^{-8}$. The table is prepared for the third volume of the scheduled new edition of the "International Tables" for crystallography. An unpublished table of the atomic X-ray scattering power, prepared for the same publication by Thomas, L. H., Umeda, K., and King, K., was made available to the authors of this article. The statistical electron scattering power values are computed according to the Thomas-Fermi-Dirac model consistent with the electron exchange within a static atom. The values for Tl and heavier atoms are attained by extrapolation and the values at sin ϑ/λ =

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Expanded Tables of the Atomic Electron Scattering Power According to a Statistical Theory Consistent With Electron Exchanges

75980
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= 0 to 0.2 · 10^{-8} are close approximations. Yermolayeva, A., is acknowledged for assistance in calculations. There is 1 table; and 6 references, 3 Soviet, 3 U.S. The 2 published U.S. references are: Thomas, L. H., and Umeda, K., Journal Chem. Physic., 26, 293, 1957; and Ibers, J. A., "Acta Crystallogr.," 11, 178, 1958.

ASSOCIATION: Crystallographical Institute of the Academy of Sciences of the USSR (Institute kristallografii AN SSR)

SUBMITTED: June 25, 1959

Card 2/2

IBETOV, V.A., montazhnik (Odessa)

Device for compressing the floor of a reservoir. Stroi. truboprov. 10 no.10:24 O '65.

(MIRA 18:10)

1. Uchastok No.1 Stroitel'no-montazhnogo upravleniya No.10 tresta Ukrgazneftestroy.

YBIKEYEV O Y.

MURATALIYEV, M.M.; YBYKEYEV, O.Y.

Case of tuberculosis in complete bilateral duplication of the kidneys. Sov.zdrav.Kir. no.5:56-57 S-O '62. (MIRA 15:10)

1. Iz urologicheskogo otdeleniya (zav. - Ye.P.Yeganov) Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. Yu.A.Volokh).

(KIDNEYS--ABNORMITIES AND DEFORMITIES)
(KIDNEYS--TUBERCULOSIS)

IBIKUS, U.Yu.; VOLKOV, A.G.

Apparatus for determining the initial stage of the spontaneous combustion of coal in a caved-in mine area. Nauch. trudy KNIUI no. 11:152-155 '62. (MIRA 17:7)

L 20885-66 EWT(d)

ACC NR: AP6002517 SOURCE CODE: UR/0286/65/000/023/0024/0024

AUTHORS: Byr'ka, V. F.; Ibikus, U. Yu.; Govor, G. A.

ORG: none

TITLE: A push-pull pulse length modulator, Class 21, No. 176606 [announced by Karaganda Scientific-Research Institute of Coal (Karagandichskiy nauchno-issledovatel'skiy ugol'nyy institut)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 24

TOPIC TAGS: pulse modulation, pulse width modulation, linear function

ABSTRACT: This Author Certificate presents a two-cycle pulse width modulator. The modulator contains two identical arms. Each arm has a semiconductor triode with a grounded emitter. The primary winding of a transformer is connected to the collector circuit of the triodes (see Fig. 1). The transformer has a core with a rectangular hysteresis loop. One terminus of the secondary winding of the transformer is connected to ground and the other to one end of the load which is common to both arms. The other end of the load is connected to ground. The design provides linearity of the modulation characteristic. The load is connected

Card 1/2 UDC: 621.376.5

to the secondary winding through semiconductor diodes, and the anodes of the diodes are connected with the load. Semiconductor stabilitrons are connected in parallel with the secondary windings, and the anodes of the stabilitrons are grounded.

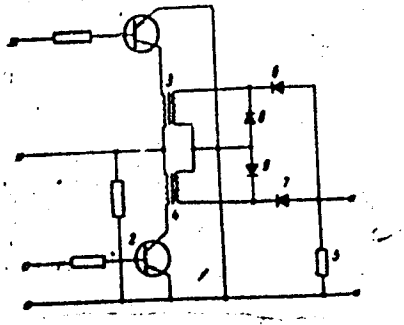


Fig. 1. 1 and 2 - Semiconductor triodes;
3 and 4 - transformers; 5 - load;
6 and 7 - semiconductor diodes;
8 and 9 - semiconductor stabilitrons.

Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 15Jul64

Card 2/2 ULR

IBIKUS, U.Yu.; KARASEV, N.I.

Possibility of a three-position control of the air temperature in a cage shaft. Nauch. trudy KNIUI no.15:278-288 '64. (MIRA 18:8)

IBIKOV, G.Yu.; GOVOR, G.A.; KOZHEVNIKOV, Yu.A.

Electronic computing device for measuring the quantity of methane obtained from a mine during degasification. Nauch. trudy KNIUI no.15:306-311 '64. (MIRA 18:8)

IBIKUS, U.Yu.; GERTSEN, K.A.

Combination thermometer and anemometer. Nauch. trudy KNIUI no.15:311-315 '64. (MIRA 18:8)

IBIKUS, U.Yu.; VOLKOV, A.G.

Investigating the consumption characteristics of throttle control valves. Nauch. trudy KNIUI no.15:316-325 '64. (MIRA 18:8)

IBIKUS, U.Yu.; KARASEV, N.I.; SHATOKHIN, V.N.

Automatic condensation tap in heating equipment without fans.
Nauch. trudy KNIUI no. 11:236-240 '62. (MIRA 17:7)

IBIKUS, U.Yu.; KARASEV, N.I.; SHATOKHIN, V.N.; PARSHIN, Ye.V.

Automatic control of heating equipment without fans.
Nauch. trudy KNIUI no. 11:231-236 '62. (MIRA 17:7)

S/119/63/000/002/013/014
A004/A127

AUTHORS: Ibikus, U.Yu., Karasev, N.I., Shatokhin, V.N.

TITLE: Single flip-flop oscillator with crystal diodes

PERIODICAL: Priborostroyeniye, no. 2, 1963, 30 - 31

TEXT: The Laboratoriya avtomatizatsii teploenergeticheskikh ustanovok (Laboratory of Automation of Thermal-Power Stations) of the Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut (Karaganda Scientific Research Institute of Coal) has developed a simple and reliable single flip-flop oscillator with crystal diodes and electromagnetic relay, possessing a wide range of smooth setting of the switch-in and pulse periods. The single flip-flop oscillator is made of a d-c amplifier whose input is connected to an RC charging circuit with divider having an individual power supply. The authors present the single flip-flop oscillator block diagram and give a description of its design and operation. It is pointed out that this oscillator has very low power requirements and especially small overall dimensions. There is 1 figure.

Card 1/1

IBIKUS, U.Yu.; KARASEV, N.I.

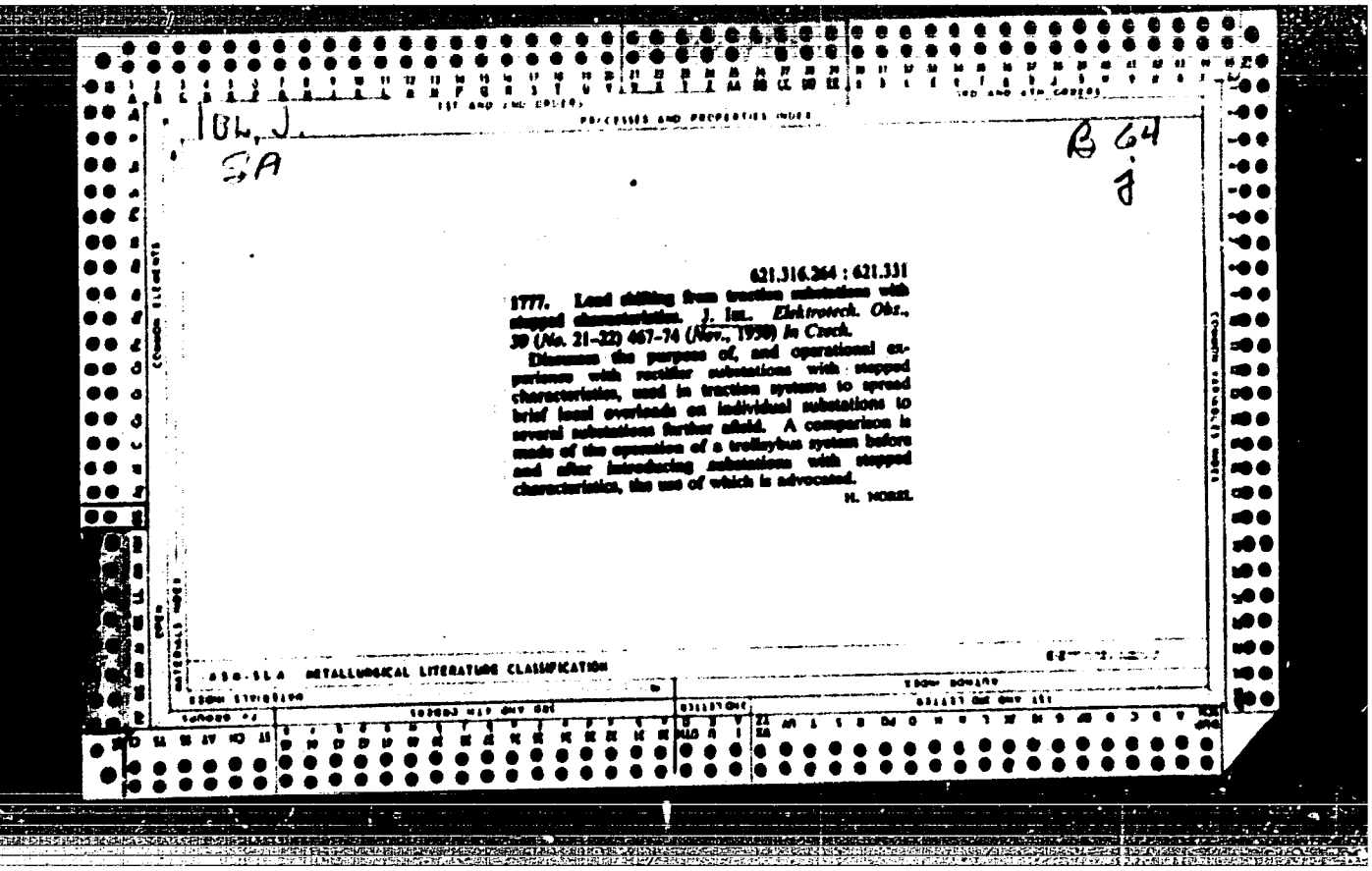
Dynamic characteristics of heating equipment without fans as a system to regulate air temperature in a mine shaft. Ugol' 39 no. 2:49-54 F '64. (MIRA 17:3)

1. Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut.

DINCEVI, Mircea, ing.

Technological flux applied to tractor repair at the Baileşti Machine-tractor Station. Mec electrif agric 9 no.5:56-62 '64.

1. Permanent Training Center, Baileşti-Oltenia Machine-tractor Station.



621.316.264 : 621.331

1777. Load shifting from traction substations with stepped characteristics. J. Ian. *Elektrotech. Obz.*, 39 (No. 21–22) 467–74 (Nov., 1950) *In Czech.*

Discusses the purpose of, and operational experience with rectifier substations with stepped characteristics, used in traction systems to spread brief local overloads on individual substations to several substations further afield. A comparison is made of the operation of a trolleybus system before and after introducing substations with stepped characteristics, the use of which is advocated.

H. NOSEL.

621.315.626 : 621.314.65

5084. Design of ceramic vacuum bushings taking into account the stresses at the fusion seals. J. Ist. *Elektrotech. Obsor*, 44, No. 6, 318-24 (1955) In Czech.

The design, thermal and mechanical strength calculations for two types of rectifier electrode lead-in, with ceramic and steatite bushings, respectively, are set out in full, and comparative data given for other possible materials.

ELECTRICAL RESEARCH ASSOCIATION

IBL, V.

IBL, V. From mechanization to continuous production lines and automatization in the food industry. p. 386

Vol. 7, no. 9, 1956
PRUMYSL POTRAVIN
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, 1957

IBL, V.

Refrigerator truck for long-distance road transport. p. 627. (STROJIRENSTVI, Vol. 7, No. 8, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

IBL, V.

"Long-range for developing the food-machinery industry and refrigeration technology. (Supplement)"p. 4

PRUMYSL POTRAVIN. Praha, Czechoslovakia, Vol. 9, No. 5, May, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Uncl.

IBL, V.

"New continuous production lines in the food industry."

p. 31 (Czechoslovak Heavy Industry /Special issue/ 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

IBL

YBL, Vladimir (Praga)

Modern cooling technique in the food industry. Elelm ipar 14 no.8/9:279-285 Ag-S '60.

IBL, Vlagyimir [Ibl, Vladimir]

Basic conditions for the automation of production in the food industry. Elelm ipar 15 no.12:359-366 D '61.

1. Elelmiszeripari- es Hutogepek Kutatointezete, Praga.

IBL, Vladimir, ins.

Food industry machinery and refrigeration techniques at the 4th International Brno Fair. Tech praca 14 no.9:691-695 S '62.

1. Reditel Vyzkumneho ustavu, Zavody potravinarskych a chladicich stroju, Praha.

IBL, Vladimir, inz.

Effect of the temperature and the time for freezing on the quality of frozen food. Prum potravin 14 no.2:67-69 F '63.

1. Zavody potravinarskych a chladicich stroju, n.p., Vyzkumny ustav, Praha.

IBL. Vladimir, inz.

Prerequisites for the automation of the bakery industry. Prum potravin 14 no.7:339-340 Jl '63.

1. Zavody potravinarskych a chladicich stroju, n.p., Pardubice, Vyzkumny ustav Praha.

IBL, Vladimir, inz.

Transportation of perishable food, its importance and problems. Prum potravin 15 no.1:4-7 Ja'64.

New foam plastic heat insulating materials. Ibid.:27-28

1. Zavody Vitezneho unora, n.p., Vyzkumny ustav stroju chladicich a potravinarskych, Praha.

IBL, Vladimir, inz.

New physical methods in the food industry. Prum potravin 15 no.2:45-46 F '64

1. Zavody Viteznebo unora, n.p., Vyzkumny ustav stroju chladicich a potravinarskych, Praha.

IBLER, Jar., inz. dr.

Problems of the automatic control of large steam power stations in relation to the control of frequency and transmitted performances. Bul EGU no. 3/4:51-55 '63.

STANEK, Miroslav, inz.; TEYSSLER, Jiri, inz., dr.; FISCHER, Jiri, inz.; SPITALNIK, inz.; STEKL, inz.; NAVRATIL, Miroslav, inz., dr.; IBLER, Jaroslav, inz., dr.; KARAS, Frantisek, prof., inz., dr., ScDr.; CESKA, inz.; HOFFMANN, V., inz.; CHALUPSKY, Josef, inz.; FAPSO, O., inz.; ROCEK, Jaroslav, inz., ScC.; SVEJDA, J., inz.; LENCZ, Imrich, inz.; RAJDA, Frantisek; BALOS, Jaroslav, inz.; MACHA, Jiri, inz.

Third National Conference on the Results of Research and Development of Power Installations. Energetika Cz:Suppl.: Energetika 13 no.6:1-24 '63.

IBLER, Stanko

IBLER, Stanko

Tuberculoma of the lungs. Tuberkuloza, Beogr. 5 no.5-6:407-415 Nov-Dec 53.

1. Bolnica za tuberkulozu pluca Jordanovac u Zagrebu (Direktor dr. S. Ibler)

(LUNGS, dis. *tuberculoma) (TUBERCULOMA *lungs)

IBLER, Stanko, Prim.dr

Epidemiology of tuberculosis in the past and to-day. Tuberkuloza Beogr. 6 no.5-6:260-275 Sept-Dec. '55.

1. Bolnica za plucne bolesti i tuberkulozu pluca Jordanovac u Zagrebu (direktor: prim.dr S. Ibler)

(TUBERCULOSIS, PULMONARY, epidemiology, review (Ser))

IBLER, S., Prim., dr.; MIDZIC, S., dr.; MRAKOVCIC, M., dr.

Cancer of the bronchi. Tuberkuloza, Beogr. 7 no.4:207-228 July-Aug 55.

1. Bolnica za plucne bolesti i tuberkulozu pluca Joradanovac u Zagrebu (direktor: prim. dr. S. Ibler).
(BRONCHI, neoplasms
(Ser))

IBLER, Stanko, Dr., (Zagreb)

Modern views on tuberculosis in so-called colonial countries.
Med. glasn. 10 no.11-12:447-451 Nov-Dec 56.

(TUBERCULOSIS,
in colonial countries (Ser))

Ibler, Z.

Explosiveness of powdered coal in boiler rooms. p. 112. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprava elektraren) Praha. Vol. 6, no. 3, Mar. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

IBLER, Z.

IBLER, Z. Experience in the operation of boilers for granulated fuels. p. 295.

Vol. 6, no. 7, July 1956
ENERGETIKA
TECHNOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

IBLER, Z.

A few lessons in handling coal in electric-power plants.

P. 49. (ENERGETIKA) (Praha, Czechoslovakia) Vol. 8, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, May 1958

IBLER, Z.

Experiences with operating granulated fuel furnaces for low-grade hard coal in Czechoslovakia. p. 396.

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10
Oct. 1959.
Uncl.

IBLER, Zbynek, inz.

Experience with burning fuel with high ash content. Energetika Cz 12 no.3:152 Mr '62.

1. Elektrarna Porici.

IBLER, Zbynek, ins.; PILAR, Radovan, ins.

Power consumption standards in steam power stations. Energetika Cs 12 no.12:622-627 D '62.

IBLER, Zbynek, ins.

Utilization of waste heat from water cooling for forcing vegetables. Energetika Cz 13 no.3:135-138 Mr '63.

1. Elektrarny Porici, n.p.

24,2200

S/169/62/000/007/018/149
D228/D307

AUTHORS: Ibmayer, Ya., Dolezhal, I. and Mottlova, L.

TITLE: Appraisal of geophysical materials in the Flysch

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 19, abstract 7A125 (Práce Výzkumn. ústavu čs. naft. dolů, 18, 1961, 38)

TEXT: Geophysical prospecting was carried out by gravimetric and magnetometric methods. Maps were compiled for gravity anomalies and for those of the vertical magnetic component. The density and the magnetic properties of rocks were studied in specimens, collected in the surveyed area. Data were obtained about the genetic causes of the gravity and the magnetic-field anomalies. [Abstracter's note: Complete translation.]

Card 1/1

CSERNAY, Laszlo; JAVOR, Tibor; IBOLYA, Jung; VINCE, Varro

The role of acid secretion in the pathogenesis of experimental phenylbutazone ulcer. Kiserl. orvostud. 14 no.5:479-483 O '62.

1. Szegedi Orvostudomanyi Egyetem I. sz. Belklinikaja.

(PHENYLBUTAZONE) (PEPTIC ULCER) (HISTAMINE)
(ATROPINE) (VAGOTOMY)

IBOYAN, S.R.

Clinical course of whooping cough in comparison with some indices of nonspecific immunity. Pediatriia no.2:27-34 '62.
(MIRA 15:3)

1. Iz infektsionnogo otdela (zav. - prof. S.D. Nosov) i mikrobiologicheskoy laboratorii (rukovoditel' - doktor med.nauk A.V. Mashkov) Instituta pediatrii (dir. - dotsent M.Ya. Studenkin) AMN SSSR.

(WHOOPING COURGH) (PROPERDIN)

IBOYAN, S.R.

Effect of gamma globulin treatment on the clinical course of whooping cough and the indices of nonspecific immunity. Pediatriia 42 no.1:22-26 Ja'63. (MIRA 16:10)

1. Iz infektsionnogo otdela (zav. - prof. S.D.Nosov) i mikrobiologicheskoy laboratorii (zav. - doktor med. nauk A.V.Mashkov) Instituta pediatrii (dir. - dotsent M.Ya Studenikin) AMN SSSR.
(GAMMA GLOBULIN) (WHOOPING COUGH)
(ANTIBIOTICS) (IMMUNITY)

L 7540-66 EPA(s)-2/EWT(m)/EPF(c)/EWP(j)/EWP(t)/EWP(b)/ETC(m) LJP(c)/RPL JD/AWW
ACC NR: AP5027904 JW/JG/RM SOURCE CODE: UR/0189/65/000/005/0003/0007

AUTHOR: Vorob'yev, A. F.; Ibrahim, N. A.; Skuratov, S. M.

ORG: Department of Physical Chemistry, Moscow State University, (Kafedra fizicheskoy khimii Moskovskogo gosudarstvennogo universiteta)

TITLE: Enthalpies of formation of Rb super + and Cs super + ions in infinitely dilute aqueous solutions

SOURCE: Moscow, Universitet. Vestnik. Seriya II. Khimiya, no. 5, 1965, 3-7

TOPIC TAGS: rubidium, cesium, enthalpy, rubidium compound, cesium compound, calorimeter

ABSTRACT: The work is a part of systematic investigations of the thermochemistry of ionic compounds being performed at the thermochemical laboratory of Moscow State University. The enthalpies of formation of ribidium and cesium compounds are best determined via the enthalpies of formation of the Rb+ and Cs+ ions. Ethalpies of reactions of metallic rubidium and cesium with water and enthalpies of dilution of rubidium and cesium hydroxides were determined experimentally. A vacuum apparatus was used to prepare high-purity metal samples and to pour them into the ampoules employed in the calorimetric measurements. An air-tight low-heat-value calorimeter was employed. The data obtained permitted the calculation of the enthalpy of formation

UDC: 536.7

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L 7540-66

ACC NR: AP5027904 2

of RbOH and CsOH in infinitely dilute solutions, and thus enabled the authors to find the standard enthalpies of formation of the Rb+ and Cs+ ions. Orig. art, has: 3 figures and 2 tables.

SUB CODE: TD,GC / SUBM DATE: 28Dec64 / ORIG REF: 002

Alkali metal 44,55

Card 2/2

AKHUNDOV, S.G., doktor med. nauk, prof.; IBRAGIMBEKOV, F., red.

[Clinical aspects, diagnosis and treatment of cerebral cysticercosis] Klinika, diagnostika i lechenie tsisti-tserkoza golovnogo mozga. Baku, Azerbaidzhanskoe gos. izd-vo, 1965. 91 p. (MIRA 18:9)

GASANOV, Kh.A.; IBRAGIMBEKOV, F.A., red.

[Acute alcoholic psychoses] Ostrye alkogol'nye psikhozy. Baku, Izd-vo AN Azerb.SSR, 1964. 200 p. (MIRA 17:4)

TEVOSOV, S.P.; IBRAGIMBEKOVA, I.F.

Adsorption of molecular iodine by activated coal in a boiling bed. Trudy Inst. khim. AN Azerb. SSR 16:40-45 '57.
(MIRA 12:9)

(Fluidization)(Adsorption)

IBRAGIMBEKOVA, Z. I. --

"Permeability of Capillaries of Patients in Malarial Coma (Related to the Pathogenesis of Malarial Coma)." Cand Med Sci, Azerbaydzhan State Medical Inst, Baku, 1953. (RZhBiol, No. 4, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SOP Sum. No. 481, 5 May 55

GOROKHOV, A.M., putevoy rabochiy; BESEDOVSKIY, D.A.; TARASOV, A.I.; KRIVOBOK, G.K.; MOISEYENKO, A.D., inzh.-mekhanik; YUR'YAKS, P.I. [Jurjaks, P.]; IBRAGIMOV, A.A.; SAFRONOV, V.S.; SHAROV, N.N.

Letters to the editor. Put' i put.khoz. 7 no.4:40-42 '63.
(MIRA 16:3)

1. Stantsiya Talovaya, Yugo-Vostochnoy dorogi (for Gorokhov). 2. Nachal'nik distantsii zashchitnykh lesonasazhdeniy, stantsiya Atkarsk, Privolzhskoy dorogi (for Besedovskiy). 3. Nachal'nik putevoy mashinnoy stantsii, stantsiya L'gov, Moskovskby dorogi (for Tarasov). 4. Sekretar' partiynoy organizatsii stantsii Nikitovka,, Donetskoy dorogi (for Krivobok). 5. Stantsiya Nikitovka, Donetskoy dorogi (for Moiseyenko). 6. Brigadir puti, stantsiya Platone, Pribaltiyskoy dorogi (for Yur'yaks). 7. Zamestitel' nachal'nika distantsii, Sal'yany, Zakavkazskoy dorogi(for Ibragimov). 8. Starshiy normirovshchik, stantsiya Rtishchevo, Privolzhskoy dorogi (for Safronov). 9. Sekretar' partiynoy organizatsii, stantsiya Rtishchevo, Privolzhskoy dorogi (for Sharov).

(Railroads—Maintenance and repair)

GULIYEV, S.M.; ABDULZADE, A.M.; IBRAGIMOV, A.A.

Some problems of the interaction of roller bit teeth. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no.1:3-9 '63. (MIRA 16:6)

(Boring machinery)

KULIYEV, S.M.; ABDULZADE, A.M.; IBRAGIMOV, A.A.

Effect of the drilling parameters on the mechanical rate of passage. Izv.AN Azerb.SSR. Ser.geol.-geog. nauk i nefti no.4: 93-98 '63. (MIRA 17:4)

IBRAGIMOV, A.A.

Study of irrigation erosion in Dzhebrail District, Azerbaijan S.S.R. Izv. AN Azerb. SSR.Ser.biol. i med.nauk no.9:101-108 '61. (MIRA 14:12)

(DZHEBRAIL DISTRICT—IRRIGATION) (EROSION)

IBRAGIMOV, A.A.

Soil erosion on the Engels Collective Farm in Shemakha District.
Trudy Sekt. eros. AN Azerb. SSR 1:48-58 '61. (MIRA 15:8)
(Shemakha District--Erosion)

IBRAGIMOV, A.A.

Determining the resistance to erosion of various eroded Chestnut and light-colored Chestnut soils in Dzhebrail District. Trudy Sekt. eros. AN Azerb. SSR 1:161-168 '61. (MIRA 15:8)
(Dzhebrail District--Erosion)

IBRAGIMOV, A.A.

Occurrence of soil erosion in Dzhebrail District. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.8:109-115 '61. (MIRA 16:8)

(DZHEBRAIL DISTRICT--EROSION)

IBRAGIMOV, A.A.

Supply of basic nutrients in the eroded soils of Dzhebrail District, Azerbaijan S.S.R. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.1:81-86 '63. (MIRA 17:5)

IBRAGIMOV, A.A.

Erosion processes and measures for their control in brown steppe soils developed from mountain-forest soils in the former Dzhebrail District. Trudy Sekt. eroz. AN Azerb. SSR 2:116-126 '63.
(MIRA 17:10)

IBRAGIMOV, A.A.

Soil erosion and the efficient utilization of eroded lands of the Dzhebrail region. Izv. AN Azerb. SSR. Ser. biol. no.4:99-106 '64. (MIRA 17:12)

KULIYEV, S.M.; ABDULZADE, A.M.; IBRAGIMOV, A.A.

Effect of depth on the mechanical speed of drilling. Dokl. AN Azerb. SSR 19 no.3:13-18 '63. (MIRA 17:8)

IBRAGIMOV, A.A., aspirant; AKULOV, A.V., prof.

Pathomorphological diagnosis of typhlohepatitis in turkeys.
Veterinariia 41 no.4:38-41 Ap '65. (MIRA 18:6)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

IBRAGIMOV, A.B., kand. tekhn. nauk.

Design for a new diesel locomotive engine. Elek. i tepl. tiaga 2 no.11:22-25 N '58. (MIRA 11:12)
(Diesel locomotives) (Diesel engines--Design)

SOV/122-59-3-1/42

AUTHORS: Glagolev N.M., Doctor of Technical Sciences, Professor; Ibragimov A.B., and Tsvetkova N.I., Candidates of Technical Sciences.

TITLE: Development Trends in Diesel Locomotive Engines (Napravleniya Razvitiya Teplovoznykh Dvigateley)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 3-8 (USSR)

ABSTRACT: Table 2 shows the power per ton of train weight and the fuel consumption per 10,000 ton kilometers and illustrates the sharp rise in cost with speed. The track throughput capacity is more economically raised in freight trains by larger train weights. Assuming 65 kph, the prospect of diesel traction envisages 6000-8000 ton trains requiring 6000-8000 hp, or 3000-4000 hp per section. Wheel adhesion problems lead to specific weight requirements of 4-5 kg/effective hp for freight traction and 2-3 kg/ehp for passenger traction. A high efficiency is the overriding requirement favouring four-stroke engines. The maintenance cost comes next to fuel cost, favouring as low an engine speed as is consistent with the specific weight requirement namely 1000 rpm

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Development Trends in Diesel Locomotive Engines

for freight engines and 1500 rpm for passenger engines. The four-stroke engine is also favoured by the possible avoidance of liquid piston cooling and the increased temperature of cooling water and lubricating oil. Based on these premises, four variants of locomotive diesel engines have been projected at the internal combustion engine department of the Khar'kov Polytechnic Institute (Khar'kovskiy Politekhnicheskiy Institut) Imeni V.I. Lenin . The project chosen for further development is a diesel turbine plant, designated 16ChN24/27, comprising a four-stroke diesel engine with an exhaust gas turbine and supercharger and an inlet pressure so chosen that the gas turbine power exceeds the supercharger requirements and the surplus power is coupled to the engine output. Table 3 lists the main engine data alongside those of the existing 2D100, 9D100 and 45D engines. The 3000 hp, 1000 rpm, 16 cylinder, 240mm bore, 270 mm stroke, 13.8 kg/cm^2 mean effective pressure, 145-150 g/effective hphr engine has a gas turbine of 1110 hp output at a turbine inlet temperature of 565°C. The supercharger consumes

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Development Trends in Diesel Locomotive Engines

550 hp delivering a pressure of 2.5 ata. The turbine inlet pressure is 3.7 ata. The overall weight of the plant is 15 tons and the engine measures 5.1 x 1.6 x 2.1 m. A theoretical study has shown the substantial gain in efficiency and specific power due to a turbine inlet pressure in excess of the supercharge pressure. The engine can be converted to natural gas. The engine inlet temperature of 80°C permits constant power under tropical conditions. The cooling water temperature of 110°C slightly reduces the heat rejection and greatly reduces the size and weight of the radiators. An experimental two-cylinder unit tested at the Department's laboratory has confirmed the design analysis. Fig 3 shows an indicator diagram illustrating a pressure rise not exceeding 1.7 kg/cm^2 per degree C and a pressure rise during combustion not exceeding a ratio of 1.3. The cooling losses amount to 13% to the cooling water and 8% to the oil at rated power. Development is proceeding to reduce consumption and increase power. So far, the equivalent of 3500 hp at a consumption of 145-146 g/e.hp.hr have been reached. Table 4 lists 9

Development Trends in Diesel Locomotive Engines

variants of the basic engine with powers ranging from 1500 to 4000 hp in different cylinder arrangements (16V, 12V, 8V and 8-in line). High-power is achieved by cooling the inlet air and increasing the inlet pressure at the expense of an air cooler and a lower excess air coefficient. A variant with a compression ratio of 15, reducing the fuel consumption to 0.140 from the basic 0.150 kg/e.hp.hr is included. Another variant with a higher fuel consumption has ordinary exhaust turbine supercharging without excess turbine power, offering lower component temperatures and elimination of liquid cooling of the piston.

Card 4/4 There are 3 figures, 4 tables and 6 references (5 Soviet, 1 English)

GLAGOLEV, N.M., prof.; KRUSHEDOL'SKIY, G.I., dotsent; IBRAGIMOV, A.B., dotsent

The D70 diesel locomotive engine. Elek. i tepl. tiaga no.6:14-15 Je '62. (MIRA 15:7)

(Diesel locomotives)

IBRAGIMOV, A.B.

Theorems on simple loading and unloading. Izv. AN Azerb. SSR. Ser. fiz.-tekh. i mat. nauk no.5:21-27 '64.

(MIRA 18:4)

L 31562-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6008087 (A) SOURCE CODE: UR/0063/66/011/001/0118/0119

AUTHOR: Ibragimov, A. D.; Virnik, A. D. / Sidel'kovskaya, F. P. / Askarov, M. A.

ORG: Moscow Textile Institute (Moskovskiy tekstil'nyy institut); Institute of Organic Chemistry im. N. D. Zelinskiy (Institut organicheskoy khimii)

TITLE: Synthesis of a cellulose-polyvinylpyrrolidinone graft copolymer

SOURCE: Vsesoyuznoye khimicheskoye obshchestvo. Zhurnal, v. 11, no. 1, 1966, 119-120

TOPIC TAGS: cellulose, graft copolymer, hydrogen peroxide

ABSTRACT: A cellulose-polyvinylpyrrolidinone graft copolymer was synthesized by using a method proposed by D. I. Bridgeford (Ind. Eng. Chem., Prod. Res. Develop. 1, No. 1, 45, 1962) for the synthesis of other graft copolymers of cellulose. The effect of H_2O_2 concentration, temperature, and reaction time on the content of graft polyvinylpyrrolidinone (PVP) in the copolymer was investigated. It was found that the PVP content of the copolymer increases up to a 0.01% concentration limit of H_2O_2, beyond which the amount of graft PVP decreases. Up to 70C the content of graft PVP increases, but a further rise in temperature causes it to diminish. Both of these phenomena are interpreted in terms of the chain breaking process. The monomer concentration also has a substantial effect on the composition of

UDC: 678.51

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revealed the fact that some faculty councils do not deal with educational matters at all. The author requests that the future Standard Code of Regulations eliminate this deficiency.

He recommends also convening council sessions with the participation of students, where the anniversary dates of famous scientists will be celebrated.

The council endeavors, moreover, to prevent the overworking of students and to this end reduced lecture hours from 40 - 42 to 36 hrs.

There is one Russian reference.

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M. Kirova (Azerbaydzhan State University imeni S.M. Kirov)

AVAILABLE: Library of Congress

Card 2/2

SOV/177-58-11-27/50

17(6)

AUTHORS: Ibragimov, A.I., and Sobol', I.S., Lieutenant-Colonels of the Medical Corps

TITLE: A Set for Determining Vitamin C in Food

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 11, pp 77 - 78 (USSR)

ABSTRACT: A set has been designed for simplifying the practical work of the medical corps in determining vitamin C in the food in a sanitary-epidemiological squadron of the Moscow Military District (Figures 1, 2). With the aid of this set, 40-50 investigations for determining vitamin C in 24-hour rations and vegetables can be carried out without additional reactives and materials. The set is designed for a 39 x 28 x 16 wood box. All laboratory vessels, reactives and materials are placed in the set in special recesses and 19 elastic metal clamps guarantee the immobility of the devices and vessels. At the bottom of the set, there is a drawer with 11 recesses, in which

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A Set for Determining Vitamin C in Food

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bottles with reactives and solutions and material are placed. Instead of 44 vessels enumerated in the instructions of the Main Military-medical Administration only 28 vessels, having a total weight of 2.5 kg (instead of 8.9 kg), are necessary. Since September 56, about 340 investigations of prepared food and vegetables were carried out. The set for determining vitamin C can be manufactured without special difficulties by units of the medical corps and by medical institutions. There is 1 photograph and 1 sketch.

Card 2/2

ABDULLAYEV, I.K., red.; GIUL', K.K., red.; IBRAGIMOV, A.I., red.; KASHKAY, M.A., red.; MAMEDALIYEV, Yu.G., red.[deceased]; MEKHTIYEV, Sh.F., red.

[Atlas of the Azerbaijan Soviet Socialist Republic] Atlas Azerbaidzhanskoi Sovetskoi Sotsialisticheskoi Respubliki. Baku, Glav. upr. geodez. i kartografii Gos.geol. kom-ta SSSR, 1963. 213 p. (MIRA 17:6)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut geografii.

LAPTEV, I.D.; TERYAYEVA, A.P.; SAPIL'NIKOV, N.G.; CHENTSOV, R.Ye. [deceased]; SEPP, Ya.P.; SUVOROVA, L.I.; ZASLAVSKAYA, T.I.; GREKOVA, A.I.; TONKOVICH, V.S.; IBRAGIMOV, A.I.; KOTSYUBA, T.Ya.; KURYLEV, V.M.; KOVALEVSKIY, G.T.; KALNYNSH, A.A. [Kalnins, A.]; SIDOROVA, M.I.; MALISHAUSKAS, V.I. [Malisauskas, V.]; PASECHNIK, P.P.; BUGARLVICH, V.S.; KARNAUKHOVA, Ye.I.; AREF'YEV, T.I.; KAZAKOV, I.G.; GUMOVSKIY, I.A.; SEMIN, S.I., red.; LINKUNA, N.I., red.; TSITKO, I.A., red.; VOLKOVA, V.V., tekhn. red.

[Material incentives for developing the collective farm production] Material'noe stimulirovanie razvitiia kolkhoznogo proizvodstva. Moskva, Izd-vo AN SSSR, 1963. 326 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Institut ekonomiki AN SSSR (for Laptev, Teryayeva, Suvorova, Zaslavskaya, Sidorova, Karnaukhova). 3. Sredneaziatskiy gosudarstvennyy universitet (for Sapil'nikov). 4. Komi filial AN SSSR (for Chentsov). 5. Institut ekonomiki AN Estonskoy SSR (for Sepp). 6 Bashkirskiy filial AN SSSR (for Grekova). 7. Institut ekonomiki AN Belorusskoy SSR (for Tonkovich, Kovalevskiy). 8. Institut ekonomiki AN Uzbekskoy SSR (for Ibragimov).

(Continued on next card)

IBRAGIMOV, A.Kh.; DRUZHININ, I.G., redaktor; SERKBRYAKOV, V.I., tekhnicheskiy redaktor

[Stock salt resources of Kirghizistan] Resursy kormovoi soli Kirgizii. Frunze, Izd-vo Akademii nauk Kirgizskoi SSR, 1955. 15 p. (Kirghizistan--Salt) (MIRA 9:9)

IBRAGIMOV, A. K.

IBRAGIMOV, A. K.: "The growth, development, and harvest yield of cotton with considerable fertilization." Min Higher Education UZSR. Tashkent Industrial Inst. Tashkent, 1956. (Dissertation for the Degree of Candidate in Agricultural Science.)

Knizhnaya letopis', No. 30, 1956. Moscow.

IBRAGIMOV A. K

M-6

USSR / Cultivated Plants. Technical, Oleacoons, Sugar Bearing Plants.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58671

Author : Ibragimov, A. K.
Inst : Not given
Title : Blooming Tempi and Opening of the Bolls of the Cotton Plant With Considerable Fertilization Background

Orig Pub : Sots. s.-kh. Uzbekistana, 1956, No 12, 66-71

Abstract : The early ripening (C-3210) and average ripening (108-f) varieties with usual fertilization (in layouts of 1 x 12.5 x 70 cm and 1 x 15 x 70 cm) and with considerable fertilization (N 180, P 200, K 30), in layouts of 1 x 15 x 70 and 1 x 17.5 x 70 cm, were studied. The buds grew faster before blooming and a considerably more rapid blooming tempo was observed in the case of considerable fertilization. The density of sowing has

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USSR / Cultivated Plants. Technical, Oleaceous, Sugar Bearing Plants.

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Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58671

less influence on the blooming tempo. C-3210 variety reacted better to high fertilization than 108-f. The length of the long course shortens at first (up to 4th-5th sympodium) and increases afterwards in proportion to the transition from the 1st sympodium to the upper ones, regardless of the fertilization background, characteristics of the variety, and any other conditions. The increase is particularly noticeable in upper sympodia. The opening of the bolls was delayed in the 108-f variety and accelerated considerably (5 days from the 1st to the 10th sympodium) in the C-3210 variety with massive fertilization. When the plants were less dense, the tempo of the opening of the bolls was more rapid with both fertilization bases. The opening of bolls on a short course in plants of the

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USSR / Cultivated Plants. Technical, Oleaceous, Sugar Bearing Plants.

M-6

IBRAGIMOV, A.Kh.; TURDUKULOV, A.T.

Tertiary deposits of the Dzhumgol Depression. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no.4:51-63 '61. (MIRA 14:12)
(Dzhumgol Valley--Geology, Stratigraphic)

KULIYEV, I.P.; IBRAGIMOV, A.M.; ALIMAMEDOV, L.S.

Effect of the roughness of the surface of piles on wave pressure.
Azerb. neft. khoz. 39 no.7:39-42 Jl '60. (MIRA 13:10)
(Piling (Civil engineering))