TOFOVIC, Petar; DRAGOJEVIC, Bogosav; ANASTASOV, Mitrus; BADIEV, Blagoja

Fracture of the base of the skull. God.Zborn.Med.Fak.Skopje no.10:154-164 '63.

1. Hirurska klinika medicinskog fakulteta, Skopje (Upravitelj Prof. Dr. B. Dragojevic).

YUGOSLAVIA

S. NACEV, D. KAFTANDZIEV and P. ZOTOVIC, University Surgical Clinic (Univerzitetska hirurska klinika) Head (Upravnik) Prof Dr B. DRAGOJEVIC, Skoplje.

"Traumatic Rupture of Pulmonary Hydatid Cyst Simulating Rupture of Bronchus."

Belgrade, Acta Chirurgica Iugoslavica, Vol 9(10), No 1-4, 1962; pp 273-277.

Abstract [French summary modified]: Interesting case in 6-year-old boy: he fell striking chest on chair, causing rupture of echinococcal cyst with severe tension pneumothorax due to valvular function of the outer hydatid membrane. No sensitization, good recovery after lobectomy and removal of cyst parts. Three roentgenograms, 1 drawing and 4 Yugoslav references.

DEJANOV, I.; TOFOVIC, P.; SERAFIMOV, K.; LAZAROV, A.; MACALI, M.

Venous thrombosis and malignant neoplasms. Acta chir. Iugosl. 12 no.1:33-41 '65.

1. Zavod za transfuziju krvi SR Makedonije (v.d. direktora dr. N. Stojcenska), Hirurska klinika (direktor prof. dr. B. Dragojevic), Ginekolosko-akuserska klinika (direktor prof. dr. A. Cakmakov) i Interna klinika (direktor prof. dr. D. Arsov) Medicinskog fakulteta u Skopju.

TOFOVIC, P.; DEJANOV, I.

Phlegmasia coerulea dolens. Acta chir. Iugosl. 11 no.2:137-143 '64

1. Hirurska klinika Medicinskog fakulteta u Skopju (Direktor: prof. dr. B. Dragojevic) i Zavod za transfuziju krovi S.R. Makedonije u Skopju (V.d. direktora: dr. N. Stojcevska).

L 11319-67 EWT(m)/EWP(t)/ETI IJP(c) JH/JD
ACC NR: AR6022167 SOURCE CODE: UR/0137/66/000/003/1010/1010

AUTHOR: Gorev, K. V.; Tofpenets, L. T.; Mendeleyev, L. T.

TITLE: Effect of the degree of decomposition of the solid solution on the recrystallization process in aluminum alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 3I66

REF SOURCE: Sb. Metallovedeniye i term. obrabotka met. Minsk, Nauka i tekhnika, 1965, 33-36

TOPIC TAGS: aluminum base alloy, copper containing alloy, solid solution, metal recrystallization

ABSTRACT: D16 alloy and an alloy of aluminum with 45% copper were aged at 200 and 250°C for 10, 20, 30, 50, 200 and 500 hours. The aged alloys were deformed by static upsetting (δ=50%) with subsequent annealing at 380°C (D16) and 350°C (Cu-Al alloy) for 5-120 min. The specimens were studied by metallographic and x-ray structural analysis. The greatest time interval for recrystallization is observed when there is no visible strengthening phase, and when the alloy has gas-filled regions and a θ'-phase coherently bound to the basic solid solution. Isolation and coagulation of the phase result in extremely rapid completion of the recrystallization process. Maximum internal stresses are observed in naturally aged specimens although this does not produce an earlier start for the recrystallization process. I. Tulupova. [Translation of abstract]

SUB CODE: 11

Card 1/1 bab UDC: 669.715.017.3:548.53

ACC NR: AR6027510 SOURCE CODE: UR/0137/66/000/004/I060/I061

AUTHOR: Gorev, K. V.; Tofpenets, R. L.; Mendeleyev, L. T.

TITLE: Relation between creep rupture, hardness and the characteristics of the recrystallization process in dispersion-hardening alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 4I410

REF SOURCE: Sb. Metallovedeniye i term. obrabotka met. Minsk, Nauka i tekhnika, 1965, 61-64

TOPIC TAGS: creep mechanism, dispersion hardening, rupture strength / EI437 alloy, D16 alloy

TRANSLATION: A study was made of the EI437 and D16 dispersion-hardening alloys. Alloy D16 was aged at 200 and 250°C for 10-500 hr; alloy EI437--at 700 and 800°C for 0--200 hr. It was shown that alloy EI437 had the best creep rupture strength (time to fracture at 750°C and σ = 23.4 kg/mm^2) after being aged at 700°C for 50 hr, at which the hardness at room temperature and the recrystallization range were high. This same alloy, when aged at 800°C had the best creep rupture strength after aging for 10 hr. Similar results were obtained for alloy D16, where the maximum creep rupture strength (test temperature 300°C, σ = 5 kg/mm^2) was obtained after aging at 200°C for 10 hr. A drop in creep rupture strength in the alloys, aged at longer holding times, was asso-

UDC: 539.434:669.15.018.8

Card 1/2

ACC NR: AR6027510

ciated with a lowered room temperature strength, as well as with a more intensive recrystallization process. V. Kudryashov.

SUB CODE: 11,20

Card 2/2

ACC NR: AR6027506 SOURCE CODE: UR/0137/66/000/004/I020/I020

AUTHOR: Gorev, K. V.; Tofpenets, R. L.; Mendeleyev, L. T.; Kolashenko, L. M.

TITLE: Strengthening of dispersion hardening alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 4I135

REF SOURCE: Sb. Metallovedeniye i term. obrabotka met. Minsk. Nauka i tekhnika, 1965, 25-33

TOPIC TAGS: dispersion hardening, x ray analysis, internal stress, fine structure / D16 alloy, EI437 alloy

TRANSLATION: An x-ray study of Al-Cu (4.5% Cu), D16 and EI437 alloys was made. Changes in fine structure were judged according to the width changes of interference lines. Curves of interference line width changes corresponded to the hardness change curves of the alloys. Line width maxima, characterizing the change of alloy block structure, and hardness maxima occurred in the EI437 alloy, aged at 700°C for 200 hr at 800°C for 25-50 hr. The mosaic block size in the EI437 alloy decreased from 430 to 244 Å by increasing the aging time at 700°C from 10 to 200 hr. The factors influencing the strengthening of dispersion hardening alloys appear to be not only internal stresses and inhomogeneity of the solid solution but also the breaking up of the block structure of the matrix and particles of the strengthening phase. V. Kuz'mina.

SUB CODE: 11,13

Card 1/1 UDC: 669.715+669.245].017.3:621.785.78:539.7

L 02394-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AR6023327 SOURCE CODE: UR/0276/66/000/003/B022/B022

AUTHOR: Gorev, K. V.; Tofpenets, R. L.; Mendeleyev, L. T.; Malashenko, L. M. 37 B

TITLE: On the problem of hardening precipitation aging alloys

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 3B158

REF SOURCE: Sb. Metallovedeniye i term. obrabotka met. Minsk, Nauka i tekhnika, 1965, 25-33

TOPIC TAGS: dispersion hardening, solid solution, aluminum alloy, copper alloy, Alloy heat treatment

ABSTRACT: The factors affecting the hardening of precipitation aging alloys were studied. The work was done on Al-Cu (4.5% Cu), D16 and EI437 alloys. The conditions for heat treatment of the alloys are given. It is shown that the factors which affect the strength characteristics of precipitation aging alloys are the particle size in the hardening phase, distortions in the crystal lattice and the block structure of the matrix. The contribution of each of these factors is determined by the degree of decomposition of the solid solution. In the first stages of aging when the hardening phase is highly dispersed and coherently bound to the matrix, the decisive factor is the quantity and particle size in the hardening phase and distortions in the crystal lattice of the matrix due to decomposition of the solid solution. The contribution made by reduction in the size of mosaic blocks increases

Card 1/2 UDC: 621.785.001.5

L 02394-67

ACC NR: AR6023327 O

with aging time and depends on the distance ratio between the particles of the hardening phase and the dimensions of the mosaic blocks. 4 illustrations, 1 table, bibliography of 12 titles. [Translation of abstract]

SUB CODE: 11, 20

Card 2/2

S/571/61/000/007/008/010
I048/1248

AUTHORS: Gorev,K.V., and Tofpenets,R.L.

TITLE: Effect of manganese on the recrystallization temperature

SOURCE: Akademiya nauk Belorusskay SSR. Fiziko-tekhnicheskiy institut. Sbornik nauchnykh trudov. no.7. 1961. 141-144

TEXT: The effect of Mn on the recrystallization temperature of Fe-based refractory alloys was studied by X-ray structure analysis, using the Debye method. Alloys containing 11.8-12.0% Ni, 11.0% Cr, 0.39-0.50% C, 1.8-2.4% V, 0-4.0% Al, 0.08-27.0% Mn, and the balance Fe, were examined. The cast specimens were homogenized by heating for 8 hours at 1200°C, drawn to 50% deformation, and annealed for 1.5 hours at 600-900°C. The recrystallization temperature of the alloys containing 5-25% Mn was 635-640°C, and was practically independent of the Mn content; the effect of Mn content was much greater in the alloys containing <5% Mn, and the recrystallization temperature increased from 675°C to 775°C with decreasing Mn content

Card 1/2

S/571/61/000/007/008/010
I048/I248

Effect of manganese on...

from 0.5 to 0.08%. The recrystallization temperature of the Al-containing alloys exceeded that of the Al-free alloys to within the range 780-785°C, for alloys containing 4% Al and 15-20% Mn. There are 1 figure and 2 tables.

Card 2/2

GOREV, K.V.; TOFPENETS, R.L.; MENDELEYEV, L.T.

Change in the fine texture of alloy EI-437 in dispersion hardening. Dokl. AN BSSR 7 no.7:474-476 Jl '63. (MIRA 16:10)

1. Fiziko-tekhnicheskiy institut AN BSSR.

S/123/59/000/008/005/043
A004/A002

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1959, No. 8, p. 17, # 28718

AUTHOR: Tofpenets, R. L.

TITLE: Investigating the Recrystallization Process of Iron-Alloyed ЭИ 437 (EI 437) Alloys

PERIODICAL: V sb.: Materialy Konferentsii molodykh uchenykh AN BSSR. Minsk, 1958, pp. 76-79

TEXT: The author investigated recrystallization processes of heat-resisting EI 437 Ni-alloys with Fe-additions of 10 and 20%. The alloys were subjected to deformation by dynamic upsetting on a drop hammer at 950 - 1,200°C with a deformation degree in the range of 5 - 50%. As a result of microstructure and X-ray analyses it was found that a 10% Fe-addition increases the initial recrystallization temperature of the EI 437 alloy, while an increase of the Fe-content to 20% does not affect this characteristic. Recrystallization starts

Card 1/2

S/123/59/000/008/005/043
A004/A002

Investigating the Recrystallization Process of Iron-Alloyed ЭИ 437 (EI 437) Alloys

at temperatures of 1,000°C and more, depending on the degree of deformation. At a deformation of more than 20%, the degree of deformation practically does not affect the grain size.

S. E. D.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

KONOVALOV, Yevmeniy Grigor'yevich; PYATOSIN, Yevgeniy Iosifovich; TOPPENETS, R.L., kand.tekhn.nauk, red.; TIMOFEYEV, L., red. izd-va; VOLOKHANOVICH, I., tekhn.red.

[Machining flat surfaces with ball heads] Obrabotka ploskikh poverkhnostei sharikovymi golovkami. Minsk, Izd-vo Akad.nauk BSSR, 1960. 19 p. (MIRA 14:1)
(Grinding and polishing)

SOV/137-59-[illegible]638

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 2, p 192 (USSR)

AUTHOR: Loyko, Yu. M., Tofpenets, R. L.

TITLE: Determination of the Mode of Deformation of Copper and Aluminum by X-ray Diffraction Analysis (Opredeleniye vida deformatsii medi i alyuminiya rentgenostrukturnym metodom)

PERIODICAL: Sb. nauchn. tr. fiz.-tekhn. in-t AN BSSR, 1958, Vol 4, pp 152-161

ABSTRACT: The temperature zones of a specific mode of deformation (D) of Cu and Al through different D procedures were determined by X-ray diffraction analysis. The tests were carried out with cylindrical specimens (S) 9 mm in diam and 12 mm in height by the method of upsetting with either impact or static action of the forces. Greater precision was brought into the procedures of the hot deformation of Cu and Al and temperature ranges for various modes of D were established depending upon the degree and rate of D. It is shown that an increase in the temperature and degree of D increases the rate of recrystallization. However, an increase in the rate of D decreases somewhat the degree of recrystallization. Changes in the rate of dynamic testing have little effect on the mode of D. D with either a

Card 1/2

Determination of the Mode of Deformation of Copper and Aluminum (cont.)

complete or an incomplete softening begins only at degrees of D which are specific for a given metal and which, incidentally, decrease with an increase in temperature.

V. N.

Card 2/2

SOV/137-59-3-6291

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 192 (USSR)

AUTHORS: Gorev, K. V., Tofpenets, R. L.

TITLE: A Study of the Recrystallization Process in Alloys of the EI437 Type Alloyed With Fe (Izucheniye protsessa rekristallizatsii splavov tipa EI437, legirovannykh zhelezom)

PERIODICAL: Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR, 1958, Nr 4, pp 133-140

ABSTRACT: Metallographic and X-ray-diffraction methods were employed in studying the process of recrystallization (R) in alloys (A) of the EI437 type alloyed with 10 and 20% of Fe; the A's were subjected to various degrees of dynamic upsetting deformation (5-50%) at various strain rates in a drop hammer at temperatures ranging from 980 to 1200°C. It was established that the temperature of the beginning of R increases if the A contains up to 10% of Fe; however, if its concentration is increased to 20%, the Fe no longer affects the temperature of the beginning of the R. The R in A's investigated progresses at a relatively slow rate, the process being completed only at temperatures > 1050° and at deformations

Card 1/2

A Study of the Recrystallization Process in Alloys of the EI437 Type Alloy d(cont.)

> 28-35% Regardless of temperature, the degree of deformation (28-48%) has little effect on the grain size in either A. Increasing the temperature of deformation produces a marked growth of recrystallized grains in A's containing 10% Fe; the grain size of A's containing 20% Fe, however, remains virtually unaffected. Diagrams of type-II R are given for both A's.

T. M.

LOYKO, Yu.M.; TOPPENETS, R.L.

Using X-ray structural analysis in determining the form of deformations of copper and aluminum. Sbor.nauch.trud. Fiz.-tekh. inst. AN BSSR no.4:152-161 '58. (MIRA 11:11)
(X-ray crystallography) (Copper--Metallography)
(Aluminum--Metallography)

TOFPENETS, R. L., GOREV, K. V.

"An Investigation of the Process of Recrystallization of Iron-containing Alloys of the EI-437 Type"

with Loyko, Yu. M. "Determination of the Type of Deformation in Copper and Aluminum by X-ray Analysis"

Sbornik [illegible] IV, Minsk, [illegible]-AN BSSR, [illegible]

GOREV, K.V.; TOFPENETS, R.L.

Studying resolidification processes of iron-alloyed EI 437-type alloys. Sbor.nauch.trud. Fiz.-tekh.inst. AN BSSR no.4:133-140 '58. (MIRA 11:11)
(Alloys--Metallography) (Solidification)

GOREV, K.V.; TOPPENETS, R.L.

Effect of manganese on the recrystallization temperature. Sbor. nauch. trud. Fiz.-tekh.inst. AN BSSR no.7:141-144 '61.
(MIRA 15:7)

(Alloys) (Crystallization)

GOROV, K.V. [Horau, K.V.]; TOFPENETS, R.L.; MENDELEYEV, L.T. [Mendzialeeu, L.T.]

Effect of heat-treatment conditions on the heat resistance of EI 437 alloys with an iron additive. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:109-113 '61. (MIRA 14:4)

(Nickel alloys)

TSVETKOV, V.D., inzh.; TOFPENETS, V.A., inzh.; ZARKH, S.B., inzh.

Automatic feeding of drum-type multiple-position machine-tool units. Mash. Bel. no.2:31-39 '60. (MIRA 16:7)

(Feed mechanisms)

BURKOVSKIY, F.I., elektrosvarshchik; TOGANENKO, N.P., motorist

Using exhaust gases to heat the intake manifold of the SM-1 welding assembly. Stroi. trubcprov. 9 no.8:24 Ag '64.
(MIRA 17:12)

1. Stroitel'no-montazhnoye upravleniye No.10 tresta Ukrgazneftestroy.

TOGANYAN, G. G.

"Experience in the Development of a Pure Breed of Caucasian Fine Fleece Sheep on the Krasnosel'skoye Breeding Farm in the Armenian SSR." Cand Agr Sci, Inst of Animal Husbandry, Min Agriculture, Armenian SSR, Yerevan, 1953. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No 598, 29 Jul 55

ALIYEV, M.A.; MITROFANOV, G.G.; TOGAYBAYEV, A.A.

Some results of anesthesia in oncological surgery. Zdrav. Kazakh. 23 no.2:15-18'63. (MIRA 16:10)

I. Iz Kazakhskogo instituta onkologii i radiologii.
(ANESTHESIA) (TUMORS)

TOGER, M.V.

Case of otogenic sepsis and multipe metastatic pulmonary abscesses in a patient with a skull injury. Zhur.ush.,nos.i gorl. bol. 22 no.4:81-82 Jl-Ag '62. (MIRA 16:2)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - doktor med. nauk M.S. Medvedovskiy) Stanislavskogo meditsinskogo instituta.
(SKULL—WOUNDS AND INJURIES) (LUNGS—ABSCESS)

ACCESSION NR: AP4029218 S/0114/64/000/004/0033/0036

AUTHOR: Toger, Ya. A. (Engineer); Kovalenko, V. F. (Engineer)

TITLE: Deep hole drilling in heat-resistant-steel parts

SOURCE: Energomashinostroyeniye, no. 4, 1964, 33-36

TOPIC TAGS: steel, heat resistant steel, drilling, hole drilling, heat resistant steel drilling

ABSTRACT: A new process for drilling 20-30-mm-diameter and up to 2,000-mm-deep holes in steam-turbine-housing studs made from austenitic steels or heat-resistant alloys is described. A special 2-cutting-edge internal-chip-removal drill (see Enclosure 1) was developed. The drill and its extension boring bars (up to 500-mm long each) are connected by double-thread unions. An interrupted drill feed is performed by a special "ball vibrator" which backs the work down from the drill every 240°, thus breaking the chip. A "Loewe" drilling machine was

Card 1/3

ACCESSION NR: AP4029218

modernized by equipping it with the "vibrator," drill water-cooling system, and a spring chuck for supporting the boring bar. Successful drilling is reported at cutting rates depending on the free chip removal from the boring-bar hollow and on the weight of the work. Orig. art. has: 6 figures and 1 table.

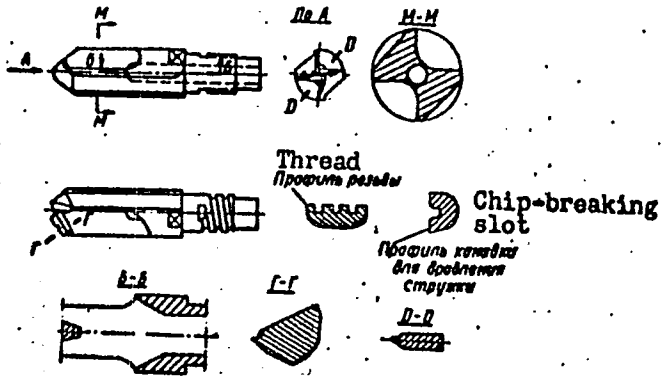
ASSOCIATION: Khar'kovskiy turbinny*y zavod im. S. M. Kirova (Khar'kov Turbine Plant)

SUBMITTED: 00	DATE ACQ: 01May64	ENCL: 01
SUB CODE: PR,IE	NO REF SOV: 000	OTHER: 000

Card 2/3

ACCESSION NR: AP4029218

ENCLOSURE: 01



Two-edge drill with internal chip removal

Card 3/3

TOGLIYEV, V.S.; KONOPEL'KO, P.Ya., kand. veterin. nauk

Leukemia in animals. Veterinariia 41 no.4:34-36 Ap '64.
(MIRA 17:8)

1. Glavnyy veterinarnyy vrach Konnogo zavoda No.12 Kurskoy oblasti (for Togliyev). 2. Vitebskiy veterinarnyy-institut (for Konopel'ko).

DAVITASHVILI, Mikhail Danilovich ; TOGOBITSKAYA, N.V. [Tohobits'ka, N.V.], red.; NEMCHENKO, I.Yu., tekhn. red.

[Tetiana Chkhaidze] Tetiana Chkhaidze. Kyiv, Derzh. vyd-vo sil'-s'kokhospodars'koi lit-ry URSR, 1960. 24 p. (MIRA 14:10)
(Georgia—Tea)

KOVALYUSHKO, S.P.; BELYAKOV, M.I., red.; TOGOBITSKAYA, N.V. [Tohobits'ka, N.V.], red.; KOVALENKO, O.I., red.; DOBROVOL'SKIY, O.A.[Dobrovol's'kyi, O.A.], red.; NAGORNYY, A.G.[Nahornyi, A.H.], red.; LEVITSKAYA, G.P. [Levyts'ka, H.P.], red.; CHEREVATSKIY, S.A.[Cherevats'kyi, S.A.], tekhn. red.

[Manual on production planning and organization on collective and state farms] Dovidnyk po planuvanniu i organizatsii vyrobnytstva v kolhospakh i radhospakh. Kyiv, Derzhsil'hospvydav URSR, 1963. 935 p. (MIRA 16:12)
(Ukraine--Farm management--Handbooks, manuals, etc.)

KUTIKOV, S.I., prof., red.; TOGOBITSKAYA, N.V., red.

[Economic efficiency of methods for the intensification of livestock breeding] Ekonomicheskaia effektivnost' metodov intensifikatsii zhivotnovodstva. Kiev, Gossel'khozizdat USSR, 1963. 293 p. (MIRA 17:3)

DOROSH, Ivan Iosifovich; PITUL'KO, Vitaliy Yemel'novich [Pytul'ko, V.O.]; SEREDENKO, Boris Nikolayevich [Seredenko, B.M.]; KAVUN, V.M., Geroy Sotsialisticheskogo Truda, red.; TOGOBITSKAYA, N.V. [Tohobits'ka, N.V.], red.; GULENKO, O.I. [Hulenko, O.I.], tekhn. red.

[Use of machinery on a collective farm] Vykorystannia tekhniky v kolhospi. Kyiv, Derzh.vyd-vo Sil's'kohospodars'koi lit-ry URSR, 1963. 139 p. (MIRA 17:3)

PAVLENKO, M.K.; TOGOBITSKAYA, N.V. [Tohobits'ka, N.V.], red.;
CHEREVATSKIY, S.A. [Cherevats'kyi, S.A.], tekhn. red.

[Intensive agriculture instead of grassland farming; practices on the collective farms in Kagarlyk District, Kiev Province] Intensyvne zemlerobstvo zamist' travopillia; dosvid kolhospiv Kaharlyts'koho raionu na Kyivshchyni. Kyiv, Derzhsil'hospvydav URSR, 1962. 122 p. (MIRA 16:4)
(Kagarlyk District--Agriculture)

KUTUKOV, Leonid Sergeyevich; TOGOBITSKAYA, N.V. [Tohobits'ka, N.V.], red.; NEMCHENKO, I.Yu., tekhn. red.

[Artur Sarap from the "Aniia" Collective Farm] Artur Sarap iz "Aniia." Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 36 p. (MIRA 14:10)
(Estonia—Collective farms)

SKOROBOGATOV, Vasiliy Yefimovich[Skorobohatov, V.IU.]; TOGOBITSKOVA, N.V. [Tohobits'ka, N.V.], red.; NEMCHENKO, I.Yu., tekhn. red.

[Khaisha Mikhanova, famous sheep breeder] Khaisha Mikhanova - znatnyi vivtsevod. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 23 p. (MIRA 14:12)
(Ukraine—Sheep breeding)

RAKITIN, P.A.; TOGOBITSKAYA, N.V.[Tohobits'ka, N.V.], red.;
CHEREVATSKIY, S.A.[Cherevats'kyi, S.A.], tekhn. red.

[Manual on the purchasing of agricultural products]
Dovidnyk po zakupkakh sil'skohospodar'skoi produktsii.
Kyiv, Derzhsil'hospvydav URSR, 1962. 214 p.
(MIRA 16:11)
(Produce trade--Handbooks, manuals, etc.)

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 105485.

Author : Bystryy, N.F.; Togoladze, Z. D.; Soboleva, V. A.
Inst : -
Title : Methods of Preparing Dry Lyophilic Bacteriophage.

Orig Pub: Sb. Bakteriofagiya. Tbilisi. Gruzmedgiz, 1957, 145-154.

Abstract: Dysentery phages prepared on Martin's or Hottinger's bouillon and desiccated by the lyophilic method in a Dolinov collector apparatus maintain their activity well for over two years. The dry preparation obtained in readily soluble in water. For the purpose of improving the taste qualities of the phage it was suggested that it be prepared on synthetic medium (the

Card : 1/2

Country : USSR
Category: Virology. Bacterial Viruses (Phages) E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103435

composition of the medium is presented). Drying of the phage in a chamber desiccator at -35°..40° made it possible to obtain a dry mass with good physical properties; with this method of drying the phage titer did not decrease. -- Ya. I. Rautenshteyn.

Card : 2/2

TOGONIDZE, A. R., Dr. Medic. Sci. (diss) "On the Problem of Use in Medicine of Antihemorrhagic Tourniquets," Tbilisi, 1961, 29 pp. (Tbilisi Med. Inst.) 160 copies (KL Supp 12-61, 282).

TOGONIDZE, A.R., kand.med.nauk

A new universal torniquet. Khirurgiia 35 no.7:139-140 Jl '59.
(MIRA 12:12)

1. Iz kliniki obshchey khirurgii Tbilisskogo meditsinskogo instituta.
(SURGERY, OPERATIVE, equipment and supplies)

MSHVENIYERADZE, D.M.; TOGONIDZE, V.R.; KVACHADZE, D.Ye.; SHENGELIYA, L.T.; DZHAPARIDZE, N.N.; CHKHEIDZE, V.V.; SACHALELI, I.A.; TKEMALADZE, R.K.

Results of studying the compaction of loess by heavy tampers in the city of Rustavi. Trudy GPI [Gruz.] no.1:139-144 '63. (MIRA 18:2)

BEGIASHVILI, A.I.; TOGONIDZE, V.R.

Some generalizations of the problem concerning the pressure of rigid profiles on a rectilinear boundary of an elastic half-plane. Trudy GPI [Gruz.] no.1:9-15 '63.
(MIRA 18:2)

MSHVENIYERADZE, D.M.; TOGONIDZE, V.R.; CHKHEIDZE, V.V.

Nikolai Mikhailovich Gersevanov (Gersevishvili), an outstanding theoretician of the structural mechanics of soils and of hydraulic engineering. Trudy GPI [Gruz.] no.1:135-137 '63.

Stability of slopes with rock waste and automobile roads bordering the reservoir of the Ingur Hydroelectric Power Station. Ibid.:145-152 (MIRA 18:2)

TOGONIDZE, V. R.

"The Design and Construction of Reinforced Concrete-Ribbed, Cylindrical Bins" Cand Tech Sci, Georgian Polytechnic Inst imeni S. M. Kirov, 20 Dec 54. (ZV, 9 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

TOGOSHVILI, G.D.

History of Georgian and Ossetian economic relations in the 18th century. Soob.AN Gruz.SSR 26 no.1:123-127 Ja '61. (MIRA 14:3)

1. AN Gruzinskoy SSR, Institut istorii imeni akademika I.A. Dzhavakhishvili, Tbilisi. Predstavleno chlenomkorrespondentom Akademii G. S. Chitaya.
(Ossetia—Ore deposits) (Georgia—Metal industries)

Togotin, P.P.

AID P - 2984

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 34/35

Authors : Editors

Title : In connection with the article by P. P. Togotin "The simplest arrangement to signalize the water level in a tank" (This journal, 1954, No. 11)

Periodical : Energetik, 5, 39, My 1955

Abstract : The editors consider the installation described by P. P. Togotin in his article as inadmissible from the point of view of security rules.

Institution : None

Submitted : No date

TOGOTIN, P.P., elektromonter.

Simplified device for indicating the water level in a tank.
Energetik 2 no.11:20 N '54. (MLRA 8:1)
(Gauges)

TOGOTIN, P.P.

Subject : USSR/Electricity AID P - 1158

Card 1/1 Pub. 29 - 11/31

Author : Togotin, P. P., Electrician

Title : A simple indicator of the water level in a tank

Periodical : Energetik, 11, 20, N 1954

Abstract : The author briefly describes his arrangement. One drawing.

Institution : None

Submitted : No date

TOGOV, I. I.; PUSHKIN, P. S.

Shoe Machinery

Work indexes of vulcanizing presses under different production conditions, Leg. prom., 12, No. 8, 1952.

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

TOGOVIN, Z.A.

VINOGRADOVA, L.M.; KONKIN, A.A.; TOGOVIN, Z.A.

Comparative study of the properties of galactan and cellulose and of their ethers. Zhur.prikl.khim. 27 no.12:1302-1306 D '54. (MIRA 8:2)

1. Kafedra iskusstvennogo volokna Moskovskogo tekstil'nogo instituta.
(Galactan) (Cellulose) (Etherification)

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

32

Complete utilization of reserves in two-furnace cracking. S. M. Fokov. *Neftyanoe Prom. S. S. S. R.* 1940, No. 4, 73-7.—A discussion is presented of the disadvantages of 2-furnace units in comparison with 3-furnace units.

A. A. Boehtlingk

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KANASH, S.S., akademik; MAL'TSEV, A.M.; VLASOVA, N.A.; PASHCHENKO, Z.M.; ROZHANOVSKIY, S.Yu.; MAUYER, F.M.; MOKEYEVA, Ye.A.; KLYUYEV, G.A.; BURYGIN, V.A.; SHLEYKHER, A.I.; RUMI, V.A.; ROMANOV, I.D.; AVTONOMOV, A.I., otv.red.; MUKHAMEDZHANOV, M.V., akademik, glavnyy red.; RYZHOV, S.N., akademik, zamestitel' glavnogo red.; ALIMOV, R.A., red.; DABADAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon.nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADYKOV, S.S., red.; TOGOYEV, I.N., kand.ekon.nauk, red.; YAKHONTOV, V.V., red.; KURANOVA, L.I., red.izd-va; RAKHMANOVA, M.D., red.izd-va; BARTSEVA, V.P., tekhn.red.

[Cotton] Khlopchatnik. Tashkent. Vol.3. [Structure and development of cotton] Stroenie i razvitie khlopchatnika. 1960. 402 p. (MIRA 13:10)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiki UzSSR (for Kanash, Mukhamedzhanov, Zakirov, Nabiyev). 3. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kanash). 4. TSentral'naya selektsionnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta khlopkovodstva Uzbekskoy akademii sel'skokhozyaystvennykh nauk (for Kanash). 5. Tashkentskiy sel'skokhozyaystvennyy institut (for Mal'tsev, Shleykher). 6. Institut genetiki i fiziologii rasteniy AN UzSSR (for Vlasova, Mauyer, Klyuyev, Rumi, Romanov).

(Continued on next card)

KANASH, S.S. --- (continued) Card 2.
7. Sredneaziatskiy gosudarstvennyy universitet (for Pashchenko).
8. Institut botaniki AN UzSSR (for Rozhanovskiy, Mokeyeva, Burygin).
9. Chleny-korrespondenty AN UzSSR (for Avtonomov, Alimov, Yeremenko, Sadykov, Yakhontov). 10. Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yeremenko, Zakirov, Mannanov).

(Cotton)

KANASH, S.S., akademik, otv. red.; SHARDAKOV, V.S., kand. biol. nauk, otv. red.; GUBANOV, G.Ya., kand. biol. nauk, otv. red.; YENILEYEV, Kh.Kh., doktor biol. nauk, otv. red.; MUKHAMEDZHANOV, M.V., akademik, red.; RYZHOV, S.N., akademik, red.; ALIMOV, R.A., red.; DADABAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon. nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADYKOV, S.S., red.; TOGOYEV, I.N., kand. ekon. nauk, red.; YAKHONTOV, V.V., red.; PETROV, V.G., kand. sel'khoz. nauk, red.[deceased]; RAKHMANOVA, M.D., red.; BARTSEVA, V.P., tekhn. red.; KARABAYEVA, Kh.U., tekhn. red.

[Cotton] Khlopchatnik. Tashkent. Vol.4. [Physiology and biochemistry of cotton] Fiziologiia i biokhimiia khlopchatnika. 1960. 704 p. (MIRA 14:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiya nauk Uzbekskoy SSR (for Mukhamedzhanov, Kanash, Zakirov, Nabiyev, Yakhontov, Yeremenko) 3. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yeremenko, Zakirov, Mannanov) 4. Chleny-korrespondenty AN UzSSR (for Alimov, Yeremenko, Sadykov, Yakhontov) 5. Vsesoyuznaya akademiya sel'skokhozyzystvennykh nauk im. V.I.Lenina (for Kanash)

(Cotton)

TOGOYEV, I.N.

Possibilities for increasing labor productivity in cotton growing on Uzbek collective farms. Izv.AN Uz.SSR 3:3-18 '56. (MIRA 12:6)

(Uzbekistan--Coton growing--Labor productivity)

SEVAST'YANOVA, Ye.K., mladshiy nauchnyy sotrudnik; RACHINSKIY, A.A., kandidat sel'skokhozyaystvennykh nauk; GAVRILENKO, D.M., mladshiy nauchnyy sotrudnik; TOGOYEV, I.N., otvetstvennyy redaktor; MALENIN, V.N., redaktor; TEODOROVICH, L.D., redaktor; PAZDZERSKIY, A.N., redaktor; DONSKOY, P.V., redaktor; LYUBECHANSKAYA, N.I., redaktor izdatel'stva; GOR'KOVAYA, Z.P., tekhnicheskiy redaktor

[Prospective plan for the development of a collective cotton farm; the Stalin collective farm of the Buvaidy District, Fergana Province] Perspektivnyi plan razvitiia khlopkosеiushchego kolkhoza; kolkhoz imeni Stalina Buvaidinskogo raiona Ferganskoi oblasti. Tashkent, 1956. 125 p. (MLRA 9:12)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut ekonomiki.
2. Institut ekonomiki Akademii nauk Uzbekskoy SSR (for Sevast'yanova)
3. Institut sooruzheniy Akademii nauk Uzbekskoy SSR (for Rachinskiy)
4. Institut sel'skogo khozyaystva Akademii nauk Uzbekskoy SSR (for Gavrilenko)

(Uzbekistan--Cotton growing)

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S/020/60/132/01/31/064
B011/B126

AUTHORS: Kachinskaya, O. N., Togoyeva, S. Kh., Meshcheryakov, A. P., Skuratov, S. M.

TITLE: Heats of Combustion of 1,1-Dimethyl-2-alkyl Cyclopropanes

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 1, pp. 119-122

TEXT: The heats mentioned in the title were measured in the liquid phase. The authors give calculation formulas for all compounds of the above-mentioned homologous series. Temperature determination methods are described in Ref. 7. The substances analyzed were synthesized by the methods given in Ref. 8. They contained (according to Raman spectra) no alkenes. The authors analyzed 1,1-dimethyl-2-ethyl cyclopropane, 1,1-dimethyl-2-propyl cyclopropane, and 1,1-dimethyl-2-n-hexyl cyclopropane. Table 1 shows the heats of combustion of these compounds after 2 final distillations. From this it can be seen that their heat of combustion has not changed after the last distillation. By using the additive method concerning types and sub-divisions according to the hypothesis of V. M. Tatevskiy (Refs. 1, 2), the authors derive the general formula for calculating the said heats (1). For 1,1-dimethyl-2-n-alkyl cyclopropane (alkyl - any

Card 1/3

Heats of Combustion of 1,1-Dimethyl-2-alkyl Cyclopropanes

radical, from ethyl on, that is, when $n \geqslant 7$) the equation (1) assumes the form of (2). From the values of the heats of combustion of 1,1-dimethyl-2-ethyl- and 1,1-dimethyl-2-hexyl cyclopropanes and from the ascertained value A_{22} (156.23 kcal/mole), the heats of combustion of 1,1-dimethyl-2-propyl-, 1,1-dimethyl-2-n-butyl-, and 1,1-dimethyl-2-n-amyl cyclopropane were calculated. These heats ($-\Delta H_c^o$) and the heats of formation ($-\Delta H_f^o$) are set out in table 3. As can be seen from the given data, the calculated and the experimentally obtained heats of combustion agree. Concerning the stressed three- and four-membered rings the question still remained open, as to whether such a ring influences the properties of the side chains. It follows from the data given here that the cyclopropane ring does not influence the character of the bonds in the substituting alkyl, from ethyl on. This conclusion can apparently also be extended to alkylcyclobutane compounds. Thus, the heats of combustion of compounds of the 1,1-dimethyl-2-n-alkyl cyclopropane (n-alkylethyl and higher substituents) series can be calculated from equation (3). Equation (4) has the same object. From the heats of combustion of 1,1-dimethyl-2-ethyl-, 1,1-dimethyl-2-n-propyl-, and 1,1-dimethyl-2-n-hexyl cyclopropanes, as well as from the values of A_{22} (see

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B011/B126

Heats of Combustion of 1,1-Dimethyl-2-alkyl Cyclopropanes

above) and A_{21} (=263.238 kcal/mole) which are given in publications, the authors calculated the increment c' which occurs in equations (1) and (2). It was shown that c = 851.74 kcal/mole. The values of c' calculated for $-\Delta H_f$, R_M, and V_M are shown in table 2. It has now become possible to work out the heats of combustion not only for normal, but also for (from the second C-atom in the alkyl radical on) branched 1,1-dimethyl-2-alkyl cyclopropanes. In this case equation (1) assumes the form of equation (5). The value of the coefficients A_{ij} for the C-C bonds of different sub-types of branched alkanes can be taken from publications (Ref. 1). There are 3 tables and 8 references, 5 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED: December 22, 1959, by A. N. Nesmeyanov, Academician

SUBMITTED: December 16, 1959

Card 3/3

CHOPIKASHVILI, M.A.; SOKOLOV, A.Ye.; TOGOYEV, V.D.

Shot boring of holes on a continuous face. Izv. vys. ucheb. zav.; tsvet. met. 8 no.1:9-13 '65. (MIRA 18:6)

1. Severokavkazskiy gornometallurgicheskiy institut, kafedra spetsial'nykh kursov gornogo dela.

TOGOZHEROVA, M.

BULGARIA / Chemical Technology. Chemical Products and Their Application--Electrochemical Industries. Electroplating. Galvanic cells H-12

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8914

Author : Tenishev, L., Togozherova, M.

Inst : Not given

Title : Reconditioning Worn Parts by Electrolytic Iron Plating

Orig Pub: Kooperat. zemedelie, 1958, No 5, 34-35

Abstract: Iron plating of worn parts in a hot solution of FeCL is dexcribed; D_K = 30 a/dm^2. Anodes are iron or a mild carbon steel. Before iron plating the worn parts are dipped in an electrolyte at Da 7-10 a/dm^2 for a period of 30 to 60 seconds.

Card 1/2

BULGARIA / Chemical Technology. Chemical Products and Their Application--Electrochemical Industries. Electroplating. Galvanic cells H-12

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8914

After iron plating the parts are subjected to thermal treatment at 300 degrees for 30 minutes.
--M. Melnikova

Card 2/2

GROSU, Stefan, ing. (Craiova); TOGUI, Dumitru, ing. (Craiova)

New designing and constructing principles in high power transformers manufactured in Rumania. Electrotehnica 9 no.5:152-156 My '61.

1. Proiectant la fabrica de transformatoare (for Grosu).
2. Seful serviciului tehnic la fabrica de transformatoare, de la uzinele Electroputere, Craiova (for Togui).

TOGUNOV, Boris Mikhaylovich; STEFANOVSKIY, Vladimir Mikhaylovich; RUSAKOVA, N.G., spets. red.; ROZENBERG, M.B., spets. red. VACHAYEVA, Z.P., red.-leksikograf

[German-Russian dictionary of refrigeration engineering] Nemetsko-russkii slovar' po kholodil'noi tekhnike. Moskva, Sovetskaia Entsiklopediia, 1965. 246 p. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (for Rusakova, Rozenberg).

SOV/124-57-8-8705

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 8, p 17 (USSR)

AUTHOR: Togunov, Yu. V.

TITLE: Use of an Approximate Method for the Determination of Shock-wave Pressures in a Medium as a Measure of Comminution (Primeneniye priblizhennogo metoda opredeleniya davleniya udarnoy volny v srede dlya kharakteristiki stepeni drobleniya)

PERIODICAL: Sb. nauch. tr. Magnitogorsk. gorno-metallurg. in-ta, 1955, Nr 9, pp 58-68

ABSTRACT: The aim of the study appears to be a theoretical investigation of the mechanical action of a shock wave during its propagation within a rock mass subjected to comminution. The pressure behind the shock-wave front is determined by means of the approximate formula of G. I. Pokrovskiy. The formula, which is valid for spherical waves, is somewhat altered to render it usable for the case of an intense explosion of an elongated charge. The author examines the feasibility of using the formula obtained for the determination of the magnitude of a charge required in mining explosions. Even though the author concludes that a revision of the above-indicated formula

Card 1/2

Use of an Approximate Method for the Determination of Shock-wave (cont.)

is indispensable, he fails to provide any concrete proposals whatsoever in that direction. It must be noted that the meanings of some of the symbols are not clarified in the text, also that there are stylistic inaccuracies.

V. P. Shidlovskiy

ZURKOV, P.E., prof., doktor tekhn. nauk, zasluzhennyy deyatel' nauki i tekhniki RSFSR; TOGUNOV, Yu.V., dotsent, kand. tekhn. nauk; YELENSKIY, S.I., kand. tekhn. nauk; KONDRATENKO, V.P.; TIKHOVIDOV, A.F., dotsent; RUDNIK, M.I., gornyy inzh.; KORKUNOV, G.S., gornyy inzh.; RACHITSKIKH, L.G., gornyy inzh.; ZAGURAYEV, V.G., gornyy tekhnik

Concerning the book by N.V. Mel'nikov and L.N. Marchenko "Energy of the blast and construction of the charge". Ugol' 39 no.10:62-63 O '64. (MIRA 17:12)

1. Nachal'nik kombinata Chelyabinskugol' (for Kondratenko).
2. Glavnyy inzh. Magnitogorskogo rudnika (for Tikhovodov).
3. Permskiy politekhnicheskiy institut (for Rudnik, Korkunov).
4. Bereznikovskiy sodovyy zavod (for Rachitskikh, Zagurayev).

124-58-6-7015

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 6, p 107

AUTHOR: Togunov, Yu. V.

TITLE: On Certain Laws Governing the Blasting of Rocks (O nekotorykh zakonomernostyakh pri droblenii porod vzryvom)

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gorno-metallurg. in-t, 1957, Nr 12, pp 119-132

ABSTRACT: A study is made of laboratory experiments on the blasting of marble slabs having a volume of 0.3 to 0.5 cubic meters with elongated 0.8, 1.4, 2.3, 3.6 gram charges placed along a line of least resistance measuring 30 to 130 mm. The size of the pieces of marble was determined by a sieve analysis. From the experimental results a relationship was established between the average size of the pieces and the specific amount of explosive expended on the one hand and the line of least resistance on the other, as well as a number of other relationships, in particular the proportionality between the specific area of the pieces and the specific amount of explosive expended.

Card 1/1 1. Marble--Blast effects

G. I. Pokrovskiy

TOGUNOVA, A.I., prof.; CHIGIRINSKIY, A.Ye.

Morphological reaction of the animal organism to the administration of chemical complexes of Mycobacterium tuberculosis. Probl. tub. no.7:72-78 '62. (MIRA 15:12)

1. Iz laboratorii tuberkuleza Instituta epidemiologii i mikrobiologii imeni N.F.Gamaleĭ (dir. - prof. O.V.Baroyan) AMN SSSR, Moskva.
(ANTIGENS AND ANTIBODIES) (MYCOBACTERIUM TUBERCULOSIS)

TOGUNOVA, A. I.

Togunova, A. I. "Dry EGG vaccine," Byulleten' In-ta tuberkuleza Akad. med. nauk SSSR, 1948, No. 4, p. 16-22

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

TOGUNOVA, A. I.

LESHCHINSKAYA, Ye.N;TOGUNOVA, A.I;

Experimental study of B.C.G. strains. Probl. tuberk., Moskva no.4:51-55 July-Aug. 1950. (CIML 20:1)

1. Of the Institute of Epidemiology and Microbiology imeni Honored Academician N. F. Gamaleya of the Academy of Medical Sciences USSR (Director -- Prof. V. D. Timakov, Corresponding Member of the Academy of Medical Sciences USSR).

TOGUNOVA, A. I., REVIEWER

USSR/Medicine - Infectious Diseases Jan/Mar 53

"L. M. Model's 'Biology and Biochemistry of Tuberculosis Mycobacteria,'" (Prof A. I. Togunova, reviewer)

Vest Akad Med Nauk SSSR, No 1, pp 49-52

States that acc Model's book (Biologiya i biokhimiya tuberkuleznykh mikobakteriy), fatty acids do not suppress tuberculosis bacilli, which easily oxidize them. Says that acc results of Model's expts, auxins suppress the growth of tuberculosis bacilli in vitro. Mentions that Model's book discusses thiosemicarbazones (e.g., paraacetaminobenzaldehyde thiosemicarbazone and the USSR drug, tubin, synthesized by I. Kh. Fel'dman), which are effective drugs for the therapy of tuberculosis, and says that tubin is particularly effective, because paraaminobenzoic acid does not exert an antagonistic effect on it. Refers to Model's monograph as a valuable contribution to the knowledge of the biochemistry and physiology of tuberculosis bacilli and of other acid-resistant mycobacteria. Book published Moscow, 1952, by Acad Med Sci, USSR; contains 248 pp.

265T31

TOGUNOVA, A.I.; FRIDENSHTEYN, A.Ya.

Morphological characteristics of the vaccinal process in experimental percutaneous vaccination against tuberculosis. Zhur. mikrobiol. epid. i immun. no.11:21-28 N '54. (MLRA 8:1)

1. Iz otdela spetsificheskoy profilaktiki i terapii tuberkuleza (zav. prof. A.I.Togunova) Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamalei AMN SSSR (dir. prof. G.V. Vygodchikov)

(BCG VACCINATION,
morphol. aspects in guinea pigs)

TOGUNOVA, A.I.

Experimental basis of methods used in vaccinating tuberculosis.
Zhur.mikrobiol. epid. i immun. no.11:3-8 N '55. (MLRA 9:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR (dir. prof. G.V.Vygodchikov).
(BCG VACCINATION, experimental)

TOGUNOVA, A. I., and FRIDENSHTEYN, A. YA.

"Morphological Characteristics of a Vaccine Process During an Experimental Cutaneous Vaccination Against Tuberculosis." Proceedings of Inst. Epidem and Microbiol. im. Gamaleya, 1954-56.

Division of Specific Prophylaxis and Therapy of Tuberculosis, Togunova, A. I., professor, head, Inst. Epidem and Microbiol. im. Gamaleya, AMS USSR.

SO: Sum 1186, 11 Jan 57.

TOGUNOVA, A. I.

"The Experimental Basis for the Methods of Vaccination Against Tuberculosis." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Division of Specific Prophylaxis and Therapy of Tuberculosis, Togunova, A. I., professor, head, Inst. Epidem and Microbiol im. Gamaleya AMS USSR

SO: Sum 1186, 11 Jan 57.

TOGUNOVA, A. I., and YATSIMIRSKAYA, M. K.

"On High-Level Training in the Typhus Division and in the Division of Specific Prophylaxis and Therapy of Tuberculosis." [paper read at a meeting of the institute's Scientific Council held during the first half of 1954.] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.
Typhus Division, Krontovskaya, M. K., head, Inst. Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

USSR / Microbiology - General Microbiology. F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38331.

Author : Togunova, A. I., Khrapkova, N. V., Fridenshteyn, A. Ya.

Inst : Not given.

Title : Controlled Modification of Tubercle Bacilli.

Orig Pub: V sb.: Izmenchivost mikroorganizmov, M. Medgiz, 1956, 124-139.

Abstract: Virulent strains No. 1 and 12 bovine type tubercle bacilli were used. Variant No. 137 was obtained as a result of subjective strain No. 1 to a subbacteriostatic quantity of antibiotic D (which possesses capillary active properties). In subsequent cultivation and selection of colonies 6 new variants were isoloated. Some had reduced virulence, and one had a marked immuno-

Card 1/3

USSR / Microbiology - General Microbiology. F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38331.

Abstract: erties in the indicated strains with BCG and M. Praga yielded protective indices for strain No. 35 of 91.9-91.8%; for BCG--75.2%; and for M. Praga--82.6%. Guinea pigs gave a crossed tubercle reaction with tuberculins prepared from strains No. 35, 2, BCG, and the standard.

Card 3/3

TOGUNOVA, A.I., professor

So-called complications following antituberculous vaccination. Probl. tub. 34 no.4:41-48 Jl-Ag '56. (MLRA 9:11)

1. Iz otdela spetsificheskoy profilaktiki i terapii tuberkuleza (zav. - prof. A.I.Togunova) Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. G.V.Vygodchikov).
(BCG VACCINATION, compl.)

TOGUNOVA, A.I.; KULIKOVA, M.F.; KHATENEVER, M.L.

Characteristics of substrains of BCG. Zhur.mikrobiol.epid. i immun. 29 no.3:3-8 Mr '58. (MIRA 11:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(MYCOBACTERIUM TUBERCULOSIS BOVIS,
BCG, sub-strains (Rus)

STEPANCHENOK, G.I.; TOGUNOVA, A.I.; KHATENEVER, M.L.; KULIKOVA, M.F.

Effect of ultrasound on Mycobacterium tuberculosis. Zhur. mikrobiol.epid. i immun. 30 no.5:90-95 My '59. (MIRA 12:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(MYCOBACTERIUM TUBERCULOSIS, eff. of radiations. ultrasonics (Rus))
(ULTRASONICS, eff. on M. tuberc. (Rus))

TOGUNOVA, A.I.; KARSANOVA, A.V.; STEPANCHENOK, G.L.

Antigenic properties of Mycobacterium tuberculosis suspensions exposed to ultrasound. Zhur.mikrobiol.epid. i immun. 30 no.5: 95-99 My '59. (MIRA 12:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(MYCOBACTERIUM TUBERCULOSIS, eff. of radiations, ultrasonics, on antigenic properties (Rus))
(ULTRASONICS, eff. on M. tuberc. antigenic properties (Rus))

TOGUNOVA, A.I.; CHIGIRINSKIY, A.Ye.

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