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Die-Forging (Cont.)

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Die-Forging (Cont.) SOV/4851

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Die-Forging (Cont.) SOV/4851

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Die-Forging (Cont.) SOV/4851

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'SKIY, Ye.I.; TOMILIN, R.I.

Durability of hammer and press dies depending on the weight of forgings. Kuz.-shtam.proizv. 4 no.8:11-13 Ag '62. (MIRA 15:8)
(Dies (Metalworking)) (Forging)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

TOMILIN, R.I.; BEL'SKIY, Ye.I.

Temperature of forging dies. Kuz.-shtam. proizv. 4 no.9: 11-13 S '62. (MIRA 15:9)
(Dies (Metalworking)--Thermal properties)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'SKIY, Yevgraf Iosifovich; TOMILIN, Rem Ivanovich; KASPER, M., red.; MAKUSHOK, Ye., red.; VARENIKOVA, V., tekhn. red.

[Increasing the strength of dies for die forging]Povyshenie stoikosti shtampov pri ob"emnoi shtampovke. Minsk, Gos.izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1962. 197 p. (MIRA 15:12)
(Dies (Metalworking))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'SKIY, Ye.I., dots., kand. tekhn. nauk; DMITROVICH, A.M., dots., kand. tekhn. nauk; INTYAKOV, N.G., dots., kand. tekhn. nauk; KAZACHENOK, V.I., dots., kand. tekhn. nauk; CHAYKA, V.A., dots., kand. tekhn. nauk; BOBRYAKOV, G.I., kand. tekhn. nauk, retsenzent; KHUDOKORMOV, D.N., kand. tekhn. nauk, retsenzent

[Technology of the hot-working of metals]Tekhnologiia goriachei obrabotki metallov. [By] E.I.Bel'skii i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 295 p. (MIRA 15:10)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti, Minskiy filial (for Bobryakov, Khudokormov).
(Forging) (Founding) (Welding)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'SKIY, Yevgraf Iosifovich; LEVINA, S.G., red.

[New materials in engineering; lecture course for engineers and technicians of the motor-vehicle and tractor industries] Novye materialy v tekhnike; kurs lektsii dlia inzhenerno-tekhnicheskikh rabotnikov avtotraktorostroeniia. Minsk, Vysshaia shkola, 1964. 107 p. (MIRA 18:1)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

REL'SKIY, Yu.

Instill resolute qualities. Kryl.rod. 10 no.3:16 Mr '59.
(MIRA 12:4)

1. Instruktor-letchik aerokluba g. Stalingrada.
(Air pilots--Education and training)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

CZ F, CH

Hanger's cephalin-cholesterol test in preeclampsia. H. Kurts and F. Belsky. *Československá Gynaekol.* 15, 675-8? (1950); *Biol.* [illegible] 1953).—In 113 serums from 102 pregnant, parturient, and puerperal women [illegible] readings were made after 48 hrs. None of the healthy, 11.6% of mild, 45.4% of moderate, 88.8% of severe pre-eclamptic, and 100% of eclamptic cases gave a pos. result.

A. M. M.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELSKY, K.

"Experiences in the Operation of Some Water-treatment Stations." (To be contd.) p. 274 (VODA, Vol. 33, No. 10, Oct. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELSKY, K.

"Experiences Derived from the Operation of Several Water Purification Stations". p. 324 (VODA, Vol. 33, No. 12, December 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

Belsky, K

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage. H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31792.

Author : Belsky, K.
Inst : Not given.
Title : Certain Exploitation Data on Water Purification in Tlumacov.

Orig Pub: Voda, 1957, 36, No 4, 93-95.

Abstract: Water conditions of the station are described, in which (by the decision of the Central Administration of Water Economy) the execution of the scientific investigation operations on water purification is being proposed. -- S. Yavorovskaya.

Card 1/1

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELSKY, M.

3d Conference on Chemical Engineering.

p. 84 (Chemicky Prumysl. Vol. 7, no. 2, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

SPITALNIK, Zdenek; STARY, Miloslav; BELSKY, Milan

Processing of fluorine exhalations from superphosphate plants.
Chem prum 13 no.9:458-460 S '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

18(5), 25(5) SOV/128-59-7-20/25

AUTHOR: Antipov, N.I. and Belt, E.I., Engineers

TITLE: Using Double and Joint Drag of Pattern in Large Series and Mass Production

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 7, pp 44-45 (USSR)

ABSTRACT: To increase the productivity of the plant and to reduce the amount of shrinkage the Plant "Sibsel'mash" started the first to produce components of the detail type S-178-U by means of the system to double or join the pattern in one work cycle. Arkhipov, the technologist of the foundry department, has suggested a new method. Also a prototype machine had been designed and manufactured. In all foundries, the work is done with different types of star and cogwheel patterns. For mass or series production these patterns are produced by means of die sinking and copying machines. However, this type of production has several disadvantages. To eliminate the latter a new fixture had been attached to the machine. The introduction of the double and

Card 1/2

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Using Double and Joint Drag of Pattern in Large Series and Mass Production

joint drag of pattern method has increased the productivity of the plant considerably and has improved the quality of the pourings

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

L 1807-66 EWT(1)/FCC GW
ACCESSION NR: AT5022886

UR/2789/65/000/063/0109/0113
551.551.5

AUTHOR: Belyayev, V. P.; Beltadze, T. G.; Gadakchan, V. O.; Lominadze, V. P.

TITLE: Some results of comparing radiosonde and aircraft measurements of turbulence in the free atmosphere

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy, no. 63, 1965. Voprosy dinamiki atmosfery (Problems of atmospheric dynamics), 109-113

TOPIC TAGS: atmospheric turbulence, free atmosphere, aircraft bump, aircraft measurement, radiosonde measurement

ABSTRACT: Measurements made from aircraft of atmospheric turbulence are compared with radiosonde measurements (with an overload attachment) to determine the value of radiosonde data for predicting turbulent zones over air routes. To test the method it was necessary to make experimental plane flights to measure bumpiness intensity over the same area with the radiosonde measurements. Analyses showed that there were zones in which there was good agreement between data from the two sources, including agreement concerning the thickness of the disturbing zone. However, in other cases it was found that although radiosonde and airplane data simultaneously detected dis-

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ACCESSION NR: AT5022886

turbed zones, the two methods yielded different values for the thickness of the zone (either method could yield the higher value). Good agreement was obtained in about 74% of the comparisons. Data from three series of tests in the Tbilisi region indicate that there is a 75—85% probability that turbulence will occur or not occur over a period of 1 1/2 hr. Orig. art. has: 1 figure and 1 table. [ER]

ASSOCIATION: Tsentral'naya aerologicheskaya observatoriya (Central Aerological Observatory)

SUBMITTED: 00 ENCL: 00 SUB CODE: ES

NO REF SOV: 002 OTHER: 000 ATD PRESS: 4111

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ACCESSION NR: AT4038390 S/2789/64/000/054/0004/0052

AUTHOR: Belyayev, V. P.; Beltadze, T. G.; Litovchenko, V. P.; Litvinova, V. D.; Lominadze, V. P.; Pinus, N. Z.; Sofiyev, Ye. M.; Shur, G. N.

TITLE: Some results of experimental studies of atmospheric turbulence by means of radiosondes

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy*, no. 54, 1964. Atmosfernaya turbulentnost' (Atmospheric turbulence), 4-52

TOPIC TAGS: meteorology, atmospheric turbulence, radiosonde, air route turbulence

ABSTRACT: A description is given of methods and equipment for measuring air turbulence over Moscow, Sukhumi (Caucasus), and Tashkent (Kazakhstan). One of the noteworthy features of the method is the synchronization of measurements of air turbulence with

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ACCESSION NR: AT4038390

such parameters as air temperature, humidity, pressure, wind velocity and wind direction. Turbulence was measured mostly by balloon-borne radiosondes with an A-22-III accelerometer attached. Sufficient data have been collected (457 radiosonde ascents in 1961—62) to determine a turbulence pattern over the aforementioned localities. Turbulence occurs with the highest frequency in the 1—2 km ground layer, it then decreases reaching a minimum at 6—7 km and then reaches a maximum again at 10—12 km. Data were analyzed to determine other turbulence characteristics depending on location, season, altitude, etc. It was noted that turbulence generally depends on thermal and dynamic stratification in the atmosphere and frequently occurs during pronounced vertical wind and temperature gradients. Two turbulent layers are frequently observed: one above the jet stream and one below it. Turbulence is minimal on the jet stream level. It was also observed that over Moscow and Sukhumi the turbulent layer seldom exceeds 200—400 m and only over Tashkent at 5—7 km is it ever more than 1000 m thick. The experimental work was carried out by the Central Aerological Observatory, Moscow. Also

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ACCESSION NR: AT4038390

cited are turbulence data for the United States and data collected by E. A. Hyde (1954) for air routes from London to the Far East and back, and London to North Africa. Orig. art. has: 12 tables, 20 figures, and 36 formulas.

ASSOCIATION: none

SUBMITTED: 00	DATE ACQ: 11Jun64	ENCL: 00
SUB CODE: ES	NO REF SOV: 019	OTHER: 006

Card 3/3

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ACC NR: AP7006063 SOURCE CODE: UR/0251/66/043/001/0063/0069

AUTHOR: Aleksidze, M. A.; Beltadze, T. G.
ORG: Computation Center, AN GruzSSR (Vychislitel'nyy tsentr AN GruzSSR)
TITLE: Method for checking geological interpretations of gravity anomalies
SOURCE: AN GruzSSR. Soobshcheniya, v. 43, no. 1, 1966, 63-69
TOPIC TAGS: algorith, geophysics
SUB CODE: 08
ABSTRACT:

The Computation Center Academy of Sciences Georgian SSR has prepared a program for solving the direct problem in gravimetry using the algorithm

$$U(M) = \tilde{U}(M) + k \iiint_{G_1-R} \frac{\rho\tilde{z}}{(x^2-y^2+z^2)^{3/2}}\, dx\, dy\, dz.$$

The basis for, and derivation of this algorithm are given. This program was used in interpretation of an incomplete anomaly in a rectangular region. The triple interpretation method was used, that is, it was assumed that the earth is three-layered (sedimentary, basalt, granite). The application and effectiveness of this algorithm is demonstrated. For example, Table 1 gives the depths of the sedimentary layer at 33 x 14 points. A 10-km vertical interval and a 25-km horizontal interval were used. The same table gives the corresponding anomalous densities. Table 2 gives the depths of the discontinuities of the basalt and granite layers, read from the plane z =-22.5 km. The table also gives

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ACC NR: AP7006063

the depths of the discontinuities of the subcrustal substrate and the basalt layers read from the plane z = -40 km. Table 3 gives a considerable discrepancy between the observed field and the field computed on the basis of a corresponding geological interpretation. This indicates a need for a careful use of the method of constructing profiles of gravimetric interpretations. This paper was presented by Academician V. D. Kupradze on 5 November 1965. Orig. art. has: 5 formulas and 3 tables.

JPRS: 38,677

Card 2/2

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTAYEV, GEORGIY SERGEYEVICH

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BELTAYEV, GEORGIY SERGEYEVICH

TEKHOLOGIYA PROIZVODSTVA CHERVYACHNYKH I ZUBCHATTKH PEREDACH V SUDOVOM MASHINOSTROYENII (PRODUCTION TECHNOLOGY OF WORM AND COGGED GEARS IN MARINE ENGINEERING) LENINGRAD, SUDPROMGIZ, 1956.

178 P. ILLUS., DIAGRS., TABLES.

"LITERATURA": P. (176)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

FODOR,O.,conf.; BELTEAG,F.,dr.; PASCU,I.,dr.

Observations on ulcer disease appearing after the age of 50 years. Med. int.,Bucur. 12 no.2:223-232 F '60.
(PEPTIC ULCER, in old age)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

"Specifications for deep-well drilling and their influence on the duration and output of the wells" p. 78, (VIZUGYI KOZLEMENYEK. HYDRAULIC PROCEEDINGS, No. 1, 1953, Budapest Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

BELTEKY, L. - Banyaszati Lapok - Vol. 10, no. 5, May 1955

Account of the work done in the past five years in the Hungarian well-boring industry. p. 251

SO: Mohthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept.1955 Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

BELTEKY, L. Current problems in connection with boring artesian wells. p,430.

Vol. 35, no. 11/12, Nov./Dec. 1955
HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL.
GEOGRAPHY & GEOLOGY
Budapest, Hungary

So: East Europeon Accessions, Vol. 5, no. 5, May 1956

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

Errors which could be made in selecting sites for artesian wells, p. 81, EPULETGEPESZET (Epitoipari Tudomanyos Egyesulet) Budapest, Vol. 5, No. 4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Most recent investigations and guiding principles relating to the construction of deep-bored wells. Hidrologiai kozlony 35 no.4:287-293 Ag'56.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

Recent investigations and directives on the technique of digging deep wells. p. 287.
(HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. Vol. 36, no. 4, Aug. 1956. Budapest)

SO: Monthly List of East Accessions (EEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

Standard viewpoints in locating small waterworks and their economic character. p. 179. Vol. 38, no. 2, 1956.
VIZUGYI KOZLEMENYEK. HYDRAULIC ENGINEERING, Budapest.

SOURCE: East European List, (EEAL) Library of Congress. Vol. 6, no. 1, January, 1956.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Practical application of hole profiling at water exploratory borings in Hungary. Geofiz kozl 8 no.1/2:19-32 '59.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

"Qualitative survey of our artesian waters from the viewpoint of drinking-water needs." p. 105.

HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrologiai Tarsasag). Budapest, Hungary, Vol. 39, No. 2, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Exploration of waters of great depth in the Soviet Union.
Hidrologiai kozlony 39 no.5:395-401 0'59.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Determination of the concept of miniature waterworks and other water supply plants. Vizugyi kozl no.1:25-49 '59.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Development and most recent achievements in drilling for thermal waters in Hungary. Hidrologiai kozlony 40 no.4:276-292 Ag '60.

1. Orszagos Foldtani Foigazgatosag, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos, okl. gepeszmernok.; ORSZAGOS FOLDTANI Igazgatosag, Budapest.

Ten years of work of our water research operated by means of deep boring (1949-1958). Bany lap 93 no. 12:824-833. D'60.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos, okleveles gepesmernok

Hungarian water research by deep boring during the past ten years, 1949-1959. Bany lap 93 no.12:824-833 D '60.

1. Orszagos Foldtani Foigazgatosag, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Current questions relating to the thermal water exploration in Hungary. Hidrologiai kozlony 41 no.6:467-480 D'61

1. Orszagos Foldtani Foigazgatosag, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos; N.GELLAI, Agnes; LANG, Gabor

The No.2 hot-water well at Csepel. Hidrologiai kozlony 42 no.3:246-254 Jl '62.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, L.

Newer data on geothermal research in Hungary. Geofiz kozl 12 no.1/2:3-47 '63

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos

Technical and economic significance of the modernization of the standard relating to drilled wells. Hidrologiai kozlony 43 no.3:242-250 Je '63.

1. Orszagos Foldtani Foigazgatosag, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos, gepeszmernok

Up-to-date water supply of villages and agriculture in Szabolcs-Szatmar County. Vizugyi kozl no.3:415-431 '64.

1. Division Chief, Scientific Research Institute of Water Resources Development, Budapest.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

HELTRKY, Lajos

Possibilities for exploring thermal waters with a temperature over 50° C. Hidrologiai kozlony 44 no.11:481-493 N '64.

1. Scientific Research Institute of Water Resources Development, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTEKY, Lajos, ins.

Development of the well boring technology in Hungary and sinking of wells with fluid mud. Geol pruzkum 6 no.12:365-367 D '64.

1. Research Institute of Water Conservation, Budapest.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TENEV, Ye.B.; ISAKOVA, A.I.; SAVCHENKO, A.I.; SHALIMOV, A.I.

New data on the stratigraphy of the central northern regions of the Sikhote-Alin Range. Dokl.AN SSSR. 110 no.5:820-824 O '56. (MLRA 10:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut. Predstavleno akademikom D.V. Nalivkinym.

(Sikhote-Alin Range--Geology, Stratigraphic)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TENEVA, Ye.B.; MANSUROV, V.S.; FLAKS, Ya.Sh.; KRIVCHENKO, A.I.

Geophysical data on the structure of the Magnitorgorsk synclinal zone of the Southern Urals and its gas and oil resources. Geol. nefti i gaza 9 no.1:46-49 Ja '65. (MIRA 18:3)

1. Trest Bashneftegeofizika.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TIKOV, G.I., starshiy prepodavatel'; KELLER, A.K., kand.khim.nauk

Use of the adsorption-photocolorimetric method of analysis of quartz in mixtures with silicates. Gig. i san. 24 no.6:75-78 Je '59. (MIRA 12:8)

1. Iz Permskogo sel'skokhozyaystvennogo instituta imeni akad. D.N.Pryanishnikova.
(QUARTZ
analysis in mixtures of silicates, adsorption-photocolorimetric method (Rus))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

1ST AND 2ND ORDERS — PROCESSES AND PROPERTIES INDEX

BC

B-II-1

Synthesis of methyl alcohol from water-gas under pressure. M. Y. [illegible], B. N. Dolgov, and A. Z. Karpov (J. Chem. Ind. Russ., 1934, 10, No. 9, 24—32).—Of a no. of Zn-Cr catalysts tested, the most active was $8ZnO-Cr_2O_3-CrO_3$, prepared by drying a paste made up of ZnO, Cr_2O_3, and aq. CrO_3, and converted by water-gas (I) at 400° into $8ZnO-1\cdot5Cr_2O_3$ (II). Yields of 1520 c.c. of MeOH per hr. per litre of (II) were obtained at 300—305°/250 atm. from 10 litres of (I). The yields are reduced by admixture of CO_2, CH_4, and N_2 to (I); (II) is not, however, inactivated by these gases. H_2S has no effect in concns. < 0·02 g. of S per cu. m. of (I), but in higher concns. it reversibly inactivates (II), whilst SO_2 is an active poison. Under factory conditions, and using (I) containing 2—3% of CO_2, 1·5 cu. m. of (I) yield 600 g. of MeOH per litre of (II) per hr. The condensate contains MeOH 97·5, H_2O 2, $COMe_2$ 0·15, acids 0·08, esters 0·15, aldehydes 0·08, unsaturated compounds 0·005, and carbinol 0·004%. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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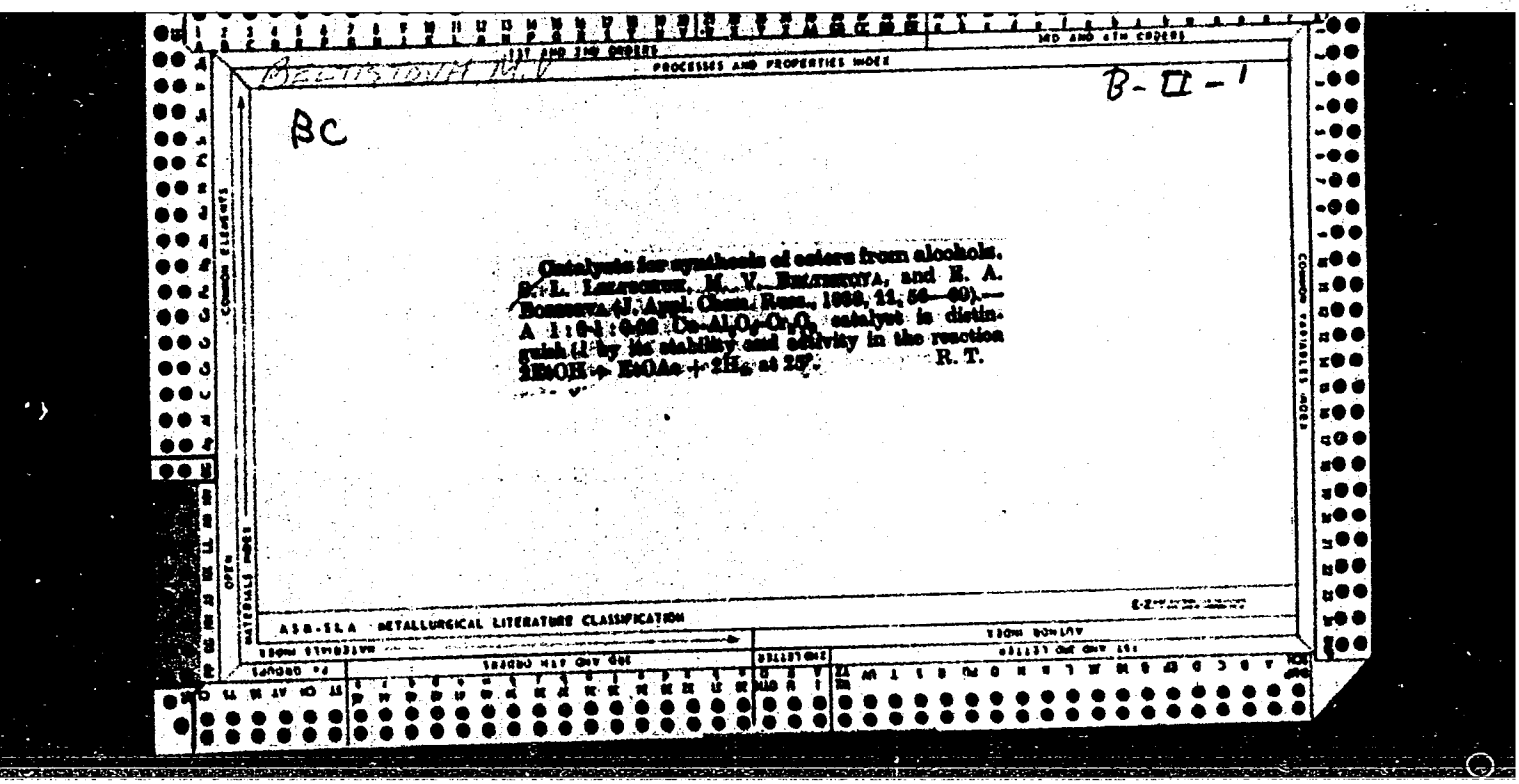

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BELTISTOVA, M. V.

BC

B-II-1

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

Synthesis of acetates of higher alcohols by their catalytic dehydration. M. V. BELTISTOVA and S. L. [illegible] (Prom. Org. Chim., 1939, 6, 657—660).—Esters (EtOAc, BuOAc, $PrCO_2Et$, $PrCO_2Bu$) are obtained in 43% yield by passing EtOH–BuOH mixtures over $Cu–Al_2O_3–Cr_2O_3$ catalyst at 275°. The yield of low-b.p. esters rises with increasing [EtOH] of the mixture, although the velocity of reaction of a given alcohol is independent of its mol. wt. The yield of acids increases with rising temp. (250—300°), whilst that of aldehydes decreases; both increase with increasing $[H_2O]$ of the reaction mixture. Analogous results are obtained with EtOH–$C_5H_{11}\cdot OH$ mixtures. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTOJA, L.

AGRICULTURE

Periodical: PER BUJQESINE SOCIALISTE.

BELTOJA, L. Protection and increase of our foreste, p. 22.

Vol. 13, no. 2, Feb 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 5
May 1959, Unclass.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

KROCHMAL, Franciszek; BELTOWSKA, Maria

Influence of cations on the behavior of zinc anodes. Mat chemia no. 7:61-69 '63.

1. Katedra i Zaklad Chemii Fizycznej, Uniwersytet im. Adama Mickiewicza, Poznan.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTOWSKI, M.

"A Case of Lupinosis", P. 501, MEDYCYNA WETERYNARYJNA, Vol. 9, No. 11, Nov. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

PAVLOVIC. Pavle, sanitetski major dr.; BELTRAM, Julija, sanitetski vojni sluzbeni IV klase

Our experience with the preparation, storage and use of lyophilized ABO test sera. Vojnosanit Pregl. 21 no.2:104-107 F '64.

1. Vojnomedicinska akademija u Beogradu, odeljenje za transfuziju krvi.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BELTRAM, VLADISLAV

YUGOSLAVIA/Soil Science - Mineral Fertilizers. J-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, 5793

Author : Beltram, Vladislav
Inst :
Title : The Boron Microelement -- A Means of Increasing Flowering and Yield and for Eliminating Diseases and Damage from Frost.

Orig Pub : Shumarstvo, 1956, 9, No 11-12, 712-720

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ACC NR: AR6035047 SOURCE CODE: UR/0058/66/000/008/D120/D120

AUTHOR: Beltryshaytene, V. P.; Vishchakas, Yu. K.; Parkhomenko, M. V.

TITLE: Relaxation of longitudinal photoconductivity of electrophotographic layers

SOURCE: Ref. zh. Fizika, Abs. 8D935

REF SOURCE: Sb. Elektrofotogr. i magnitografiya, Vil'nyus, 1965, 17-25

TOPIC TAGS: photoconductivity, electrophotography, electrophotographic layer, longitudinal photoconductivity, relaxation, photography, zinc oxide, eosine sensitizer, stickiness

ABSTRACT: An investigation was conducted of the volt-ampere and lux-ampere characteristics of longitudinal photoconductivity (PC) in electrophotographic zinc oxide layers (binders: polyvinyl-butyl aldehyde) sensitized with eosine. The former were found to be linear under low stress and saturated under higher stress; the latter were found to be linear. The increase in PC occurred either along the hyperbola and exponent, or along the parabola and exponent, depending on the history of the sample, the concentration of eosine, and the applied stress. The decrease in PC occurred along the hyperbola, first with an index of < 1 and then

Card 1/2

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ACC NR: AR6035047

>1, these indices further more, dependeded on the level of illumination, the concentration of eosine, and the applied stress. The parameters M (concentration of trapping levels), N_{cm} (effective density of states in the conductivity zone, reduced to the M levels), and ΔE_M (distance of levels M from the bottom of the conductivity zone) were determined from the initial sections of photocurrent increment curves. Values obtained for different samples were 10^7—10^{10} cm^{-3}, 10^6—10^9 cm^{-3} and 0.52—0.55 ev. The effect of the sensitizer on the formation and position of trapping levels is discussed on the basis of the data obtained. A. Kartuzhanskiy. [Translation of abstract] [SP]

SUB CODE: 20/

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TS, Ye.A.; KUPERMAN, L.N.

Depression with suicidal attempts during treatment with steroid hormones. Vrach. delo no.1:148-149 Ja'64 (MIRA 17:3)

1. Otdeleniye kozhnykh bolezney uzlovoy bol'nitsy statsii Vinnitsa Yugo-zapadnoy zheleznoy dorogi.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TS, Ye.A.; BELYY, I.P.

Treatment of deep forms of trichophytosis with peloidin. Vest. derm. i ven. 38 no.4:88-89 Ap '64. (MIRA 18:4)

1. Mikologicheskoye otdeleniye (zav. Ye.A.Bel'ts) Vinnitskoy zheleznodorozhnoy bol'nitsy (nachal'nik I.P.Belyy)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TS, Ye.A.; YEMEL'YANOVA, A.G.

Anaphylactic shock following lactotherapy. Vest. derm. i ven. 38 no.10:83-84 O '64. (MIRA 18:7)

1. Kozhnoye otdeleniye (zav. Ye.A. Bel'ts) Uzlovoy bol'nitsy (nachal'nik - I.P. Belyy) Yugo-Zapadnoy zheleznoy dorogi, Vinnitsa.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ZINGEL', Z.O.; BEL'TSER, I.B.

Repair of equipment in sugar factories. Sakh.prom. 37 no.6: 13-15 Je '63. (MIRA 16:5)
(Sugar factories--Equipment and supplies)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

ZHUKOV, Vasiliy Andreyevich; MESYATSEV, P.P., retsenzent; LICHNOV, A.I., inzh., retsenzent; SHIROKOVA, Z.G., inzh., retsenzent; GURSVICH, B.D., inzh., retsenzent; BASTANOV, S.S., inzh., retsenzent; GOLOVINA, K.N., inzh., retsenzent; BEL'TSEV, A.N., inzh., retsenzent; SOLOMATIN, V.V., inzh., retsenzent; MARSHEV, N.I., inzh., retsenzent; MARSHEV, N.I., inzh., retsenzent; BALASHEVA, T.I., inzh., retsenzent; GIRSHMAN, G.Kh., red.; ANGELEVICH, N.E., red.; SOBOLEVA, Ye.M., tekhn.red.

[Technology of the manufacture of radio equipment] Tekhnologiia proizvodstva radioapparatury. Moskva, Gos.energ.izd-vo, 1959. 636 p. (MIRA 13:3)

(Radio industry)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

GORDON, Aleksandr L'vovich; ROSSIYANSKIY, Lev Savel'yevich; BEL'TSEV, A.N., retsenzent; GUSMAN, A.I., red.; BORUNOV, N.I., tekhn.red.

[Economics, organization, and planning in the radio industry] Ekonomika, organizatsiia i planirovanie radiotekhnicheskogo proizvodstva. Moskva, Gosenergoizdat, 1963. 351 p. (MIRA 16:12)
(Radio industry)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

C.A. BELTSEV D I
1951

Biological Chemistry
II B methods

Determination of vitamin C in colored plant extracts. D. I. Bel'tsev (Sanitary-Epidemol. Section, War Dept., U.S.S.R.). *Biokhimiya* 16, 199–204(1951).—The method of Khomutova (*C.A.* 43, 1822e) occasionally gives low results, since some of the ascorbic acid is pptd. with the $Zn(OH)_2$ used in removing the plant pigments. The photometric method of Lapin and Vladimirov (*C.A.* 42, 7816h) is more reliable, and is accurate to ± 2%. H. Priestley

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, D.I., polkovnik meditsinskoy sluzhby, kandidat meditsinskikh nauk; P'YANKOV, B.F., leytenant

[Using a soluble gelatin foam filter for analysing air. Voen.-med. zhur. no.6:81-84 Je '56. (MIRA 9:9)
(AIR--ANALYSIS) (AIR FILTERS)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSEV, D.I.

Experimental verification of the methods for preparing colored vegetable extracts, recommended by L.G. Bregetova for determining their content of ascorbic acid. Vop. pit. 21 no.2:85-86 Mr-Ap '62. (MIRA 15:3)

1. Iz kafedry obshchey i voyennoy gigiyeny (nachal'nik - prof. general-mayor meditsinskoy sluzhby P.Ye. Kalmykov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova, Leningrad.
(ASCORBIC ACID) (EXTRACTS)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSEV, D.I.

Discoloration by bismuth oxychloride of colored plant extracts intended for ascorbic acid determination in them. Vop.pit. 21 no.3:81-83 My-Je '62. (MIRA 15:10)

1. Iz kafedry obshchey i voyennoy gigiyeny (nachal'nik - prof. P.Ye.Kalmykov), Leningrad.
(PLANTS--CHEMICAL ANALYSIS) (ASCORBIC ACID) (BISMUTH CHLORIDES)

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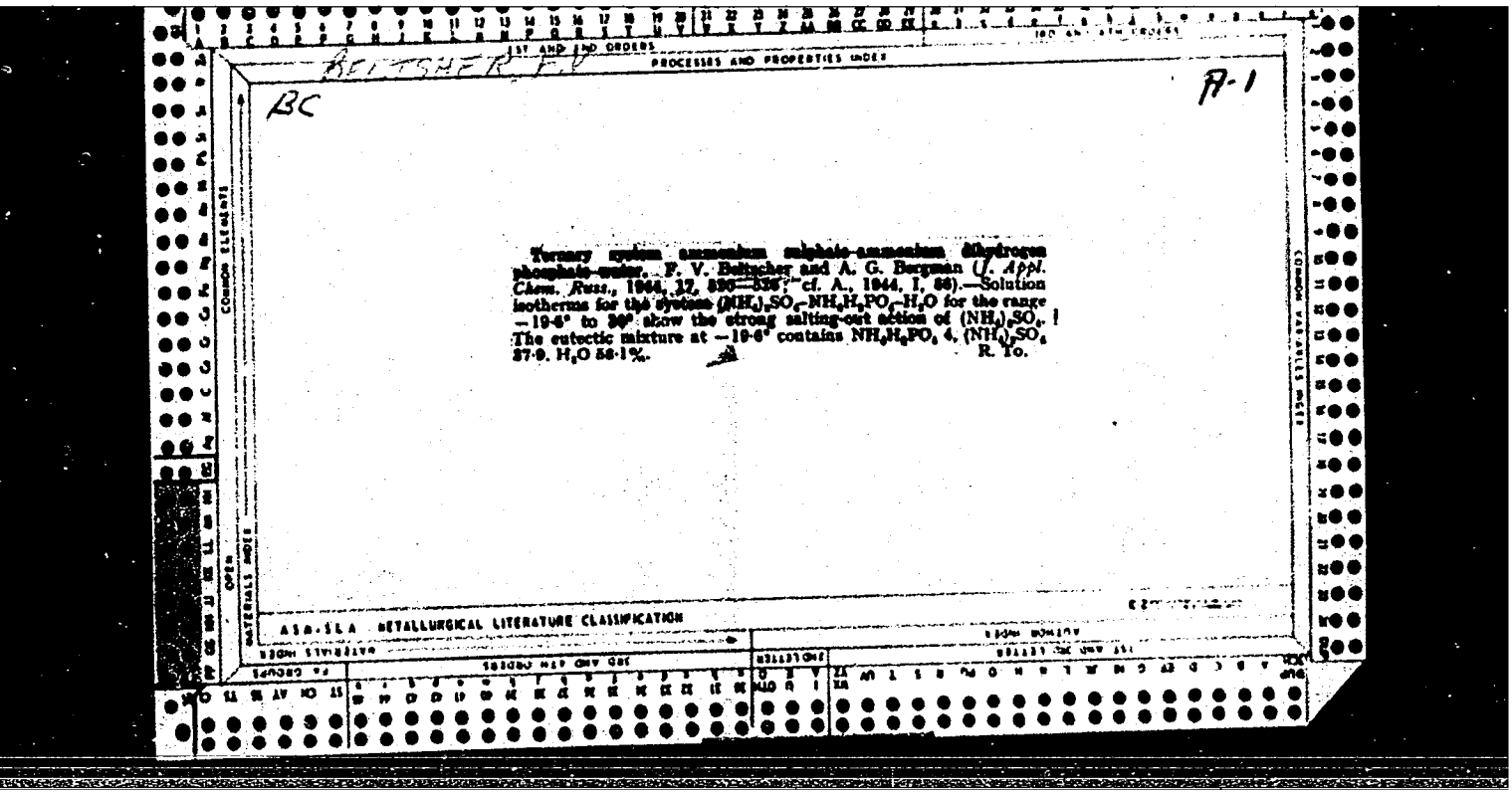

BC

A-1

Ternary system ammonium sulphate-ammonium dihydrogen phosphate-water. F. V. Baltscher and A. G. Bergman (*J. Appl. Chem. Russ.*, 1944, 17, 329—336; cf. A., 1944, I, 86).—Solution isotherms for the system $(NH_4)_2SO_4$–$NH_4H_2PO_4$–H_2O for the range −19·6° to 30° show the strong salting-out action of $(NH_4)_2SO_4$. The eutectic mixture at −19·6° contains $NH_4H_2PO_4$ 4, $(NH_4)_2SO_4$ 37·9, H_2O 58·1%.

R. To.

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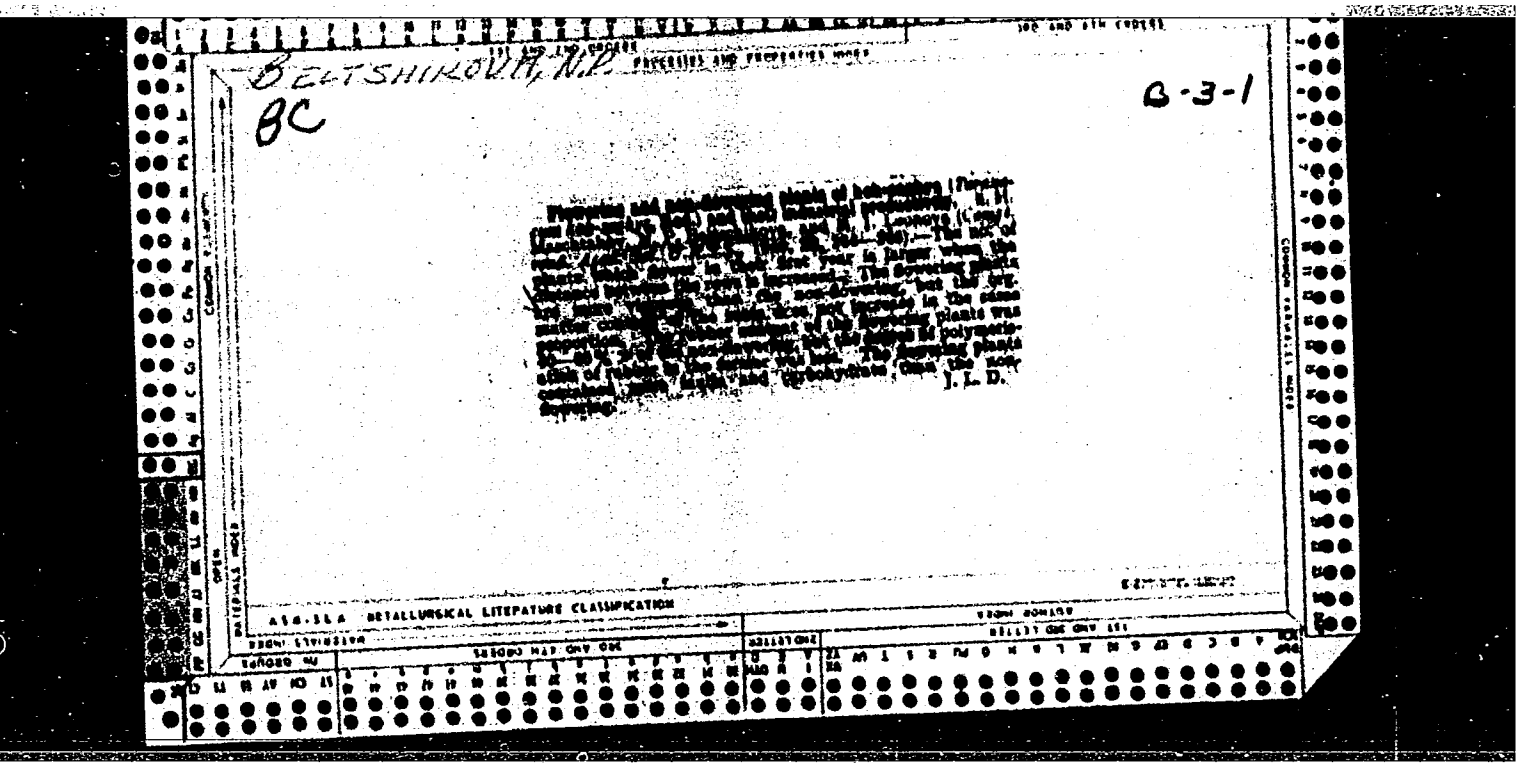

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, A., insh.

Improving technical conditions of motor-vehicle parks. Avt.transp. 38 no.2:31-32 F '60. (MIRA 13:6)
(Motor vehicles--Maintenance and repair)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, I.

Issuing credit for the introduction of new technology.
Den.i kred. 17 no.10:56-57 '59. (MIRA 12:12)

1. Nachal'nik Planovo-ekonomicheskogo upravleniya Ukrainskoy kontory Gosbanka (for Bel'tsov).
(Ukraine--Machinery in industry--Credit)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, I.

Increase control over secured credit. Den.i kred. 21 no.1:59-61 Ja '63. (MIRA 16:2)

1. Nachal'nik planovo-ekonomicheskogo upravleniya Ukrainskoy respublikanskoy kontory Gosbanka.
(Ukraine--Credit)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

SAVEYKO, V.N.; BEL'TSOV, P.F.; DOLBENKO, Ye.T.

Reducing the consumption of liquid steel in the production of shaped castings by the use of risers of efficient shape. Lit. proizv. no.2:2-4 F '63. (MIRA 16:3)
(Founding) (Risers (Founding))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, V., inzh.; IVANOV, B., inzh.

New type of finish for large-panel apartment houses. Zhil. stroi. no.5:17-19 '62. (MIRA 15:6)
(Facades) (Tiles)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, V.M., inzh.

Effect of sodium sulphite on the capillary properties of cotton fabrics during scouring. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.1:153-156 '58. (MIRA 11:5)

1. Moskovskiy tekstil'nyy institut.
(Sodium sulphite) (Cotton finishing)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, V.M.; KHARKHAROV, A.A.; Prinimali uchastiye: PROKOF'YEVA, G.V.; UDYANSKAYA, A.A.

Use of sodium chlorite for bleaching. Izv. vys.ucheb.zav.; tekh.-tekst.prom. no.6:108-113 '61. (MIRA 15:1)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Bleaching materials)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, V.M.; KHARKHAROV, A.A.; YEREMEYEVA, R.F.; ANAN'YEVA, Ye.B.; VASIL'YEVA, M.I.

Bleaching of cotton yarn and yarn products with sodium chloride. Tekst. prom. 23 no.9:70-73 S '63. (MIRA 16:10)

1. Sotrudniki Leningradskogo tekstil'nogo instituta imeni S.M. Kirova (LTI) (for Bel'tsov, Kharkharov). 2. Pryadil'no-nitochnyy kombinat imeni S.M. Kirova (for Yeremeyeva). 3. Pryadil'no-nitochnyy kombinat "Krasnaya Nit'" (for Vasil'yeva).
(Bleaching) (Yarn)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSOV, V.M.; KHARKHAROV, A.A.

Effect of chlorine bleaching on the waxlike substances and lignin of vegetable fibers. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.1:97-102 '64. (MIRA 17:5)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni S.M. Kirova.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

RAMAZANOV, R.A.; BEL'TSOVA, A.M.

Design of beans of high pressure gas condensate wells. Gaz.prom. 6 no.5:5-8 My '61. (MIRA 14:5)
(Condensate oil wells)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

RAMAZANOV, R. A.; BEL'TSOVA, A. M.

Designing stop devices for the well-head equipment of flowing wells sealed with special lubricants. Gaz. delo no. 11:13-18 '63. (MIRA 17:5)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut neftyanogo mashinostroyeniya.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

L 53602-65 EWG(j)/EPA(s)-2/EWP(e)/EWT(m)/EPF(c)/EWP(i)/EPF(n)-2/EPR/EWP(j)
FCS(f)/EWP(t)/EPA(bb)-2/EWP(b) Pc-4/Pr-4/Ps-4/Pt-7/Pu-4 IJP(c)/RPL JD/
WW/JG/DJ/RM/WH

ACCESSION NR: AP5010982 UR/0318/65/000/004/0022/0025

AUTHORS: Fuks, I. G.; Ramazanov, R. A.; Vaynshtok, V. V.; Bel'tsova, A. M.

TITLE: Mass-mechanical and sealing properties of lithium packing greases

SOURCE: Neftepererabotka i neftekhimiya, no. 4, 1965, 22-25

TOPIC TAGS: sealing compound, packing material, grease, lithium compound, mineral oil, polymethacrylate

ABSTRACT: This paper presents the first results of experimental studies designed to find the relations between sealing properties of packing greases and their mass-mechanical properties. The greases on two types of devices were tested, one providing stoppage of rectilinear-flow movement, the other furnishing spigot-type cutoff. Lithium packing grease, with and without filler, prepared

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ACCESSION NR: AP5010982 2

S-110 at same concentrations had somewhat lower rheological parameters, but had better sealing capacity, the capacity increasing slightly with increase in stearate. Different fillers had little effect on rheological properties of samples of lithium greases. Addition of polymethacrylate gave no positive results; the grease had lower sealing capacity than grease with filler. Increase in filler concentration, regardless of filler material, led to marked increase in shear strength and viscosity. Finer grain size of mica filler caused increase in mass-mechanical properties, but no such change was observed with graphite. The sealing capacity was found to depend strongly on size of filler particle, much less on concentration of filler. Mica, regardless of oil base, gave grease with the most stable sealing capacity. The authors conclude that the relations investigated are complex and that further work is necessary before precise conclusions can be drawn. Orig. art. has: 4 tables.

ASSOCIATION: MINKh; GP

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, FP

NO REF SOV: 006 OTHER: 000

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OREKHOV, V.P. (Ryazan'); BEL'TSOVA, M.V. (Ryazan')

Discussing innovations and inventions in physics lessons. Fiz. v shkole 23 no.1:74-76 Ja-F '63. (MIRA 16:4)
(Physics--Study and teaching)
(Technological innovations)

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D202/D302

27.2400

AUTHORS: Petrova, L.A., and Bel'tsova, N.N.

TITLE: Synthesis of the sulfur-containing pyridoxin derivatives

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 1, 1962, 274-277

TEXT: The aim of this work was to produce new sulfur-containing derivatives of pyridoxin (Vitamin B6) since these are thought to stimulate body resistance against radiation. The authors synthesized 7 new compounds, starting with 3'4'-iso-propylidene (2-methyl-3-oxy-4-methoxy-5-chloromethyl pyridine) (Compound I). From I, II was obtained by heating I with CH1: 2-methyl-3-oxy-4-methoxy-5-chloromethyl pyridine hydrochloride; white needles of m.p. 169-171° C, in 70 % yield. By boiling II with thiourea the authors obtained: 2-methyl-3-oxy-4-methoxy-5-isothiouronium methyl-pyridine dihydrochloride (III) in 85 % yield, of m.p. 165-167°C. From 2-methyl-3-oxy-4',5'-di(bromomethyl)pyridine hydrobromide (IV) the authors obtained 2-methyl-3-oxy-4-methoxy-5-bromomethyl pyridine hydrobromide (V) by hydrolysis; the yield was 73 %, m.p. 157-159°C. Bis(2-methyl

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-3-oxy-4-methoxy-5-methylene pyridine) disulfide was synthesized in two ways: a) Na_2S_2 + II, and b) Na_2S_2 + V in 43 % and 46 % yields respectively. The reaction products were identical, with m.p. ~ 188°C (decomp.). By boiling V with thiourea, 2-methyl-3-oxy-4-methoxy-5-isothiouronium methyl pyridine dihydrobromide was obtained. The yield = 78 %, m.p. 170-172°C. Methyl-3-amino-4-isothiouronium-5-amino pyridine trihydrobromide (VIII) was obtained by boiling 2-methyl-3-amino-4-bromomethyl-5-aminomethyl pyridine (VII) with thiourea. VII was synthesized from 2-methyl-3-amino-4-methoxy methyl-5-aminomethyl pyridine by a method described in the Western literature for another aminomethyl pyridine derivative. The m.p.'s of VII and VIII were 158 - 160°C and 224-226°C respectively. The yield of VIII was 92 %. In all synthesized products the experimentally determined amounts of constituents were in good agreement with the calculated ones. Experimental details are fully given. There are 8 references: 3 Soviet-bloc and 5 non-Soviet-bloc. The references to the English-language publications read as follows: A. Cohen and E. Hughes, J. Chem. Soc., 4384, 1952; S. Harris and K. Folkers, J. Am. Chem. Soc. 61, 247, 1939.

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D202/D302

Synthesis of the sulfur-containing ...

ASSOCIATION: Institut eksperimentalnoy meditsiny Akademii meditsinskikh nauk SSSR, Leningrad (Institute of Experimental Medicine of the Academy of Medical Sciences, USSR, Leningrad)

SUBMITTED: January 27, 1961

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

FEL'DMAN, I.Kh.; BEL'TSOVA, N.N.; GINESINA, A.A.

Synthetic ephedrine obtained from propionic acid. Zhur.prikl.-khim. 35 no.6:1364-1367 Je '62. (MIRA 15:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Ephedrine) (Propionic acid)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

PETROVA, L.A.; BEL'TSOVA, N.N.; ARBUZOV, S. Ya.

Alkylation of β-phenylisopropylamine by pyridoxine bromohydrins. Zhur. ob. khim. 34 no.7:2390-2392 Jl '64 (MIRA 17:8)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

PETROVA, L.A.; BEL'TSOVA, N.N.

Synthesis of some 4-substituted derivatives of pyridoxine.
Zhur. ob. khim. 34 no.8:2765-2767 Ag '64. (MIRA 17:9)

1. Institut eksperimental'noy meditsiny AMN SSSR.

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ZHOLKOV, S.; RKLITSOVA, T., master-povar; KARPENKO, V.; OTRADNOV, V.; RKLITSKIY, M. (Yuzhno-Sakhalinsk); USPENSKIY, F.; BARSUKOVA, M.; LARIONOVA, T.

Our plans for 1958. Obshchestv. pit. no.1:7, 11, 21, 31, 35, 39, 51. Ja '58. (MIRA 11:3)

1.Zaveduyushchiy proizvodstvom stolovoy No.32 1-go Chelyabinskogo tresta stolovykh (for Zholkov). 2. Direktor Moskovskoy shkoly kulinarnogo uchenichestva (Karpenko). 3.Glavnyy inzhener Soyuzg giprotorga (for Otradnov). 4.Zaveduyushchiy proizvodstvom stolovoy No.2 "Dal'nevostochnik" (for Rklitskiy). 5. Direktor Moskovskogo tekhnikuma obshchestvennogo pitaniya (for Uspenskiy). 6.Zaveduyushchaya uchebnoy chast'yu Moskovskogo tekhnikuma obshchestvennogo pitaniya (for Barsukova). 7.Direktor stolovoy zavoda "Stankolit" (for Larionova)

(Restaurants, lunchrooms, etc.)
(Cooking schools)

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BEL'TSOV, V.M.; KHARKHAROV, A.A.

Role of activators in the process of chlorite bleaching. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.2:101-107 '65. (MIRA 18:5)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni Kirova.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

GORBATOV, V.I.; BEL'TSOV, V.V., inzh., nauchnyy red.; TABUNINA, M.A., red. izd-va; ABRAMOVA, V.M., tekhn. red.

[Safety regulations for workers with slaked lime and chlorinated solutions] Pamiatka po tekhnike bezopasnosti dlia rabochikh, zaniatykh gasheniem izvesti i khlorirovaniem rastvorov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (MIRA 15:3)
(Building materials industry—Safety measures)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TSYUKOVA, K.I. [Bel'tiukova, K.H.]; PASTUSHENKO, L.T.

Effect of nupharine on phytopathogenic bacteria in vitro and in vivo. Mikrobiol. zhur. 25 no.2:36-42 '63. (MIRA 17:10)

1. Institut mikrobiologii An UkrSSR.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204520012-5

BEL'TYAYEV, Yu.N.

SOV/144-59-7-13/17

AUTHORS: Chuchalin, I.P. (Cand. Tech. Sci., Director of Scientific-Research Institute); Bel'tyayev, Yu.N. (Assistant); Kochegurov, V.A. (Aspirant); Kuznetsov, V.M. (Senior Engineer); Soustin, B.P., (Junior Scientific Worker); and Strazdin, V.A. (Engineer)

TITLE: Parallel Connection of Valves for Switching Large Pulse Currents

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1959, Nr 7, pp 94-98 (USSR)

ABSTRACT: The basic requirements for satisfactory parallel operation of thyratrons, ignitrons, etc. are: simultaneous firing and equal voltage drops. These two factors are considered quite separately for the circuit in Fig 1, used for switching the charge from a bank of condensers to an electromagnet producing an intense magnetic field. Fig 2 shows the simpler case of two thyratrons connected directly to strings of condensers. If T_1 fires first C_2 will discharge more slowly than C_1. Fig 3 shows the variation in voltages of Fig 2. The anode of the second thyratron remains positive until the instant t_1 when $|U_2| > |U|$. If T_2 fires a negative voltage appears at the first anode since $U+U_2 > U+U_1$. T_1 extinguishes and

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Parallel Connection of Valves for Switching Large Pulse Currents

the load transfers to T_2. The exchange process repeats itself rapidly as shown in the oscillogram of Fig 4. To prevent the anode voltages becoming zero the circuit is modified by the introduction of the 2-core dividers shown in Fig 1. Fig 5 shows a convenient method of firing parallel-connected thyratrons. A sufficiently uniform distribution of current among the thyratrons is guaranteed by feeding their anodes through 2-winding transformers, interconnected as in the equivalent circuit of Fig 6 where the arc voltage-drops are represented by different e.m.f's. It is supposed that the latter are independent of current as are also the anode inductances. The increase in current in all the branches can be calculated as the transient arising from switching the e.m.f's across lossy inductances. The basic differential relation is Eq (1) and the solution for a particular current, i_1, is Eq (8). If it is required that the unbalanced current through any valve does not exceed a given amount then the necessary anode inductance is given by Eq (14). Confirmatory results have been obtained using type TR1-15/15 thyratrons.

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Parallel Connection of Valves for Switching Large Pulse Currents

There are 7 figures and 3 references, of which 2 are Soviet and 1 English.

ASSOCIATION: Nauchno-issledovatel'skiy institut, Tomskiy politekhnicheskiy institut (Scientific-Research Institute, Tomsk Polytechnical Institute); Fiziko-tekhnicheskiy fakul'tet (Physico-Technical Department), Tomskiy politekhnicheskiy institut (Tomsk Polytechnical Institute)

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