"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

DEBORIN, G.A.; TYURINA, I.P.; TORKHOVSKAYA, T.I.; OPARIN, A.I.

Enzymatic splitting of ribonucleic acid separated from ribonuclease by a lipid membrane. Zhur. evol. biokhim. i fiziol. 1 no. 6:550-556 N-D '65 (MIRA 19:1)

1. Institut biokhimii imeni A.N. Bakha AN SSSR, Moskva. Submitted May 24, 1965.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

OPARIN, A.I.; LUKOYANOVA, M.A.; SHVETS, V.I.; GEL'MAN, N.S.; TORKHOVSKAYA, T.I.

Role of lipids in the organization of enzymatic chains of electron transfer in Micrococcus lysodeikticus. Zhur. evol. biokhim. i fiziol. 1 no.1:7-15 Ja-F '65. (MIRA 18:6)

1. Institut biokhimii im. A.N. Bakha AN SSSR i Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKHOVSKOY, V.K.

Gravitational conveying of parts. Mashinostroitel' no.7:46-47 Jl '64. (MIRA 17:8)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKHOVSKOY, V.K.

Checking material delivery by a belt conveyor. Mashinostroitel' no.3:46-47 Mr '64. (MIRA 17:4)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKHOVSKOY, V.K., inzh.

Using electronic computers in the management of storage operations. Vest.mashinostr. 45 no.11:77-78 N '65. (MIRA 18:12)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKINOVA, Z.A., kand. tekhn. nauk

Device for the automatic determination of the density of hosiery. Tekst. prom. 22 no.7:65-66 Jl '62. (MIRA 17:1)

1. Rukovoditel' laboratorii ispytaniya Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti.

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L 34082-66 EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6025499 SOURCE CODE: HU/0006/66/000/003/0166/0167

27
B

AUTHOR: Torko, Janos

ORG: Isotope Institute, National Atomic Energy Commission (Izotop Intezet, Orszagos Atomenergiai Bizottsag)

TITLE: Nondestructive determination of traces of silver in palladium by neutron activation analysis

SOURCE: Magyar kemikusok lapja, no. 3, 1966, 166-167

TOPIC TAGS: neutron, silver, palladium, metal analysis

ABSTRACT: Traces of silver were determined in palladium used as target material for the production of Ag^{111} by nondestructive activation analysis. The amount of silver in the palladium species investigated was 4.3 ppm, and the accuracy of the determination proved to be approximately 10 percent. Orig. art. has: 2 figures and 3 tables. [Based on author's Eng. abst.] [JPRS: 36,646].

SUB CODE: 11, 20 / SUBM DATE: 19Oct64 / ORIG REF: 001 / SOV REF: 001
OTH REF: 012

Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

KISS, Istvan; OPAUSZKY, Istvan; MATUS, Lajos; TORKO, Janos

On the separation of boron isotopes. Koz fiz kozl MTA 7 no.6:391-398 '59. (EEAI 9:8)

1. Magkemiai Laboratorium I., Kozponti Fizikai Kutato Intezet, Magyar Tudomanyos Akademia.
(Boron) (Isotopes)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKO, Janos

Irradiations in experimental nuclear reactors. Magy kem lap 19 no.8:409-412 Ag '64.

1. Isotope Institute, National Atomic Energy Commission, Budapest.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

KORMENDY, Karoly; TORKOS Laszlo; SOHAR, Pal

N-bromalkyl-phthalimide products formed on the effect of alkalies. Pt.2. Acta chimica Hung 40 no.3:333-341 '64.

1. Institut fur organische Chemie der Lorand Eotvos Universitat, Budapest, VIII., Muzeum korut 4/b (for Kormendy and Torkos).
2. Forschungsinstitut fur Pharmazeutische Industrie, Budapest, VII., Rottenbiller utca 26(for Sohar).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

1. TORKSIY, P.N.

2. USSR (600)

4. Technology

7. Preventing mine dust. Moskva, Metallurgizdat, 1951.

9. Monthly List of Russian ~~Accession~~, Library of Congress, February,1953. Unclassified.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., starshiy nauchnyy sotrudnik, kand.tekhn.nauk

Ways of increasing the resistance to abrasion of knit goods.
Tekst.prom. 22 no.9:63-68 S '62. (MIRA 15:9)

1. Rukovoditel' laboratorii ispytaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti (VNIITP).
(Knit goods--Testing)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.

Wear test of knit goods. Standartizatsiia 27 no.10:31-34 O '63. (MIRA 16:11)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.; MORGUNOVA, V.I.

Developing the evaluation method and norms of abrasion resistance of hosiery goods. Nauch.-issl. trudy VNIITP no. 5:26-45 '64 (MIRA 19:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.; RAVIKOVICH, N.N.; SIDEV, I. Ya.

Determining the stretching of knit goods under light loading. Nauch.-issl. trudy VNIITP no. 5:45-52 '64 (MIRA 19:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., kand.tekhn.nauk

Using mixed cotton-nylon yarn in hosiery manufacture. (MIRA 13:12)
Tekst. prom. 20 no. 11:37-39 N '60.
(Hosiery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., kand. tekhn. nauk

Methods for determining the wear resistance of hosiery. Izv. vys. ucheb. zav.; tekh. leg. prom. no.5:56-61 '63. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut trikotazhnoy promyshlennosti. Rekomendovana kafedroy materialovedeniya Kiyevskogo tekhnologicheskogo instituta legkoy promyshlennosti.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., kand. tekhn. nauk

Method for selecting the most efficient heel and sole construction for hosiery. Tekst. prom. 23 no.12 :42-44 D '63. (MIRA 17:1)

1. Rukovoditel' laboratorii ispytaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.

Determining the crimpiness of the ultimate fibers of an elastic yarn. Tekst.prom. 25 no.2:14-16 F '65. (MIRA 18:4)

1. Rukovoditel' laboratorii ispytaniya tekstil'nykh materialov Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti (VNIITP).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z. A. Card. Tech. Sci.

Dissertation: "Investigation of the Influence of the Receiving Roll in a Hackling Machine on Cotton Fiber." Moscow Textile Inst, 28 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.

TORKUNOVA, Z.A., kandidat tekhnicheskikh nauk

Let us provide for a large scale use of caprone staple fibers. (MLRA 8:10)
Leg.prom.15 no.8:7-10 Ag '55.
(Nylong)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A.

Determining the wear resistance of half-woolen raised fabrics. Standartizatsiia 27 no.5:45-48 My '63. (MIRA 16:6)

(Textile fabrics—Testing)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TOKILOV, V.S.

Repeated reconditioning of hard alloy tool bits. Stan.i instr. vol. 24 no.9: 33 S '53. (MLRA 6:10)
(Metal cutting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., starshiy nauchnyy sotrudnik, kand. tekhn. nauk

Abrasion testing of hosiery. Tekst. prom. 23 no.10:77-79 O '63. (MIRA 17:1)

1. Rukovoditel' laboratorii ispytaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti (VNIITr).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORKUNOVA, Z.A., kand.tekhn.nauk

Testing of the apparatus determining the tightness of the yarn package. Tekst.prom. 21 no.6:69-70 Je '61. (MIRA 15:2)
(Rayon spinning)
(Hosier industry—Equipment and supplies)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLETSKAYA, V.V.

Actinometric characteristics of the atmosphere in periods of dust storms. Trudy UkrNIGMI no.52:54-62 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLETSKIY, A.V., dotsent

Reinforced concrete construction elements for precast walls of granaries. Trudy RISI no.6:43-53 '58. (MIRA 12:6)
(Granaries) (Precast concrete construction)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLETSKIY, A.V., dots.

Index of the rhythm of housing construction. [Trudy] RISI no.17: 10-15 '60. (MIRA 15:6)
(Apartment houses) (Construction industry)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLEY, Dezso

Inositol phosphates and their industrial application. Elelm ipar 13 no.1:7-9 Ja '59.

1. Budapesti Muszaki Egyetem Elelmiszerkemiai Tanszek.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLEY, D.

TECHNOLOGY

Periodical: ELELMEZSZI IPAR Vol. 13, no. 1, 1959 Jan.

TORLEY, D. Inositol-phosphates and the possibilities of their technological application. p. 7.

New appliances at the 3d "Hungarian Exhibition of Appliances." p. 10.

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

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TELEGDY, Kovats L., prof. (Budapest); Torley, D. (Budapest)

Contribution to the question of quick analysis of saccharose in must and wine. Periodica polytechn chem 4 no.1:69-71 '60. (EEAI 9:12)

1. Institut fur Nahrungsmittelchemie der Technischen Universitat, Budapest.
(Sucrose) (Must) (Wine and wine making)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

57-28-4-32/39

AUTHORS: Tunitskiy, N. N., Devyatykh, G. G., Petrov, P. S., Torlin, B. Z.

TITLE: The Separation of Carbon Isotopes by the Thermodiffusion of Carbon Monoxide (Razdeleniye izotopov ugleroda termodiffuziyey okisi ugleroda)

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 4, pp. 881-885 (USSR)

ABSTRACT: The investigations described here had already been terminated in 1953, when reference 9 was published. - The separation of carbon isotopes by means of the thermal diffusion of carbon monoxide in glass towers with a diameter of 9 and 14,5 mm, a length of 1 and 2 m with a platinum wire of 0,4 - 0,6 mm diameter as a heating-element were investigated here. The experimental results are in agreement with the theory by Dzhons (Jones ?) - Ferri - Onsager. - It is shown that in a number of cases the use of carbon monoxide as working gas has certain advantages as compared to the use of methane. The ratio of the separating factor of carbon to that of oxygen differs from the theoretical value. The latter is equal to 2. The magnitude of the deviation depends on the steam-content

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

The Separation of Carbon Isotopes by the Thermodiffusion of Carbon Monoxide 57-28-4-32/39

in the gas.
There are 5 figures, 3 tables, and 12 references, 3 of which are Soviet.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova, Moskva (Moscow, Physical-Chemical Institute imeni L. Ya. Karpov)

SUBMITTED: April 17, 1956

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

S/089/60/009/01/01/011
B014/B070

AUTHORS: Ershler, B. V., Torlin, B. Z., Suvorov, L. Ya.

TITLE: On the Theory of the Stability of a Homogeneous Boiling Water Reactor 19

PERIODICAL: Atomnaya energiya, 1960, Vol. 9, No. 1, pp. 5-9

TEXT: First, the kinetic equations of a homogeneous boiling water reactor are developed by taking account of the volume boiling of the moderator (water). From these equations the following conclusions can be drawn: (1) For slight superheating (by some degrees), the hydromechanical mechanism of boiling can set in in a homogeneous boiling water reactor. (2) The magnitude of stationary superheating Δt_0 for the hydromechanical mechanism of boiling is determined by the conditions of motion of boiling water existing in the reactor. The quantity Δt_0 is characteristic of these working conditions. (3) An analysis of the kinetic equations shows that in a given range Δt_0 values exist which correspond to stable working conditions in a wide range of power. If Δt_0 goes beyond the

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

On the Theory of the Stability of a Homogeneous Boiling Water Reactor

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B014/B070

allowed range, the reactor becomes unstable, and pulse conditions result even for small powers. The upper limit of the range of Δt_0 increases with increase of pressure. (4) Stability becomes better when the moisture content of the moderator or Δt_0 becomes smaller or the pressure becomes higher. (5) Under pulse conditions the amplitudes of all parameters become smaller when the pressure increases leaving the conditions of water flow unchanged. (6) The volume boiling can be determined by measuring superheating. The equations were analyzed by I. L. Il'ina, A. S. Kronrod, and Z. S. Ryabova. The PBM(RVM) computer constructed by N. I. Bessonov was used. A. I. Alikhanov and A. D. Galanin were interested in the work. There are 1 figure and 8 references: 3 British and 5 Soviet.

SUBMITTED: July 24, 1959

Card 2/2

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

84221
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B006/B070

24.1100
26.2211

AUTHOR: Torlin, B. Z.

TITLE: Neutron Flux Distribution in a Homogeneous Boiling-water Reactor

19

PERIODICAL: Atomnaya energiya, 1960, Vol. 9, No. 4, pp. 257 - 261

TEXT: The present work gives the results of calculating a homogeneous reactor in which the density of the material changes with the height in the diffusion and age approximation. For a cylindrical reactor the solution leads to elliptic integrals. It can be shown, however, that if the radius of the reactor is large compared to its height, the solution may be expressed by elementary functions. The following quantities are defined: At every point $\vec{r}$ of the homogeneous mixture of the moderator and the fissile material, having the density $\gamma(\vec{r})$, the neutron scattering length is $l_s(\vec{r})$, the capture length is $l_a(\vec{r})$, and the total free path is $l(\vec{r})$; and the corresponding quantities l_{so}, l_{ao}, and l_o in a medium of density γ_o are related to them by $l_s(\vec{r})/l_{so} = l_a(\vec{r})/l_{ao} = l(\vec{r})/l_o$

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

84221

Neutron Flux Distribution in a Homogeneous Boiling-water Reactor

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$= \gamma_0/\gamma(\vec{r}) = \beta(\vec{r})$, which is a continuous function; grad $l(r) \ll 1$; $n(\vec{r},0) = kN(\vec{r})$; N - thermal neutron density, n - slowing-down density of the neutrons; L_0 - diffusion length of neutrons in a medium of density γ_0; τ_0 - age of a slowed-down neutron in a medium of density γ_0; τ_{0t} - thermal neutron age in a medium of density γ_0; k - multiplication factor;

$n = kN\exp(-\alpha^2\tau_0)$; $1 + L_0^2\alpha^2 = k\exp(-\alpha^2\tau_{0t})$. If $\beta(\vec{r}) = \beta(z)$, $\beta \frac{d}{dz}\left(\beta\frac{dN_z}{dz}\right) + (\alpha^2 - \alpha_r^2\beta^2)N_z = 0$. For a further study of the latter equation, the form of the β-function, or, at least, the relationship between β and N_z must be known. This is easily possible if it is assumed that 1) the density of the moderator is independent of the radius and changes only with the height of the layer considered (a requirement which is fulfilled for a homogeneous boiling-water reactor); 2) all the heat produced below any cross section is utilized for making steam; the steam rises upward and passes through the cross section considered; 3) the total amount of heat

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passing through this cross section is proportional to $F/(1-F)$, F being the part of the cross section that is traversed by steam; 4) the density of steam γ'' is small compared to that of water, γ', so that $F \simeq (\gamma'-\gamma)/\gamma'$. Some general relations based on these definitions and assumptions are derived, namely, the relation between the size and power W of the reactor and its mean steam yield $\bar{F}$: the mean moderator density $\bar{\gamma} = \gamma'(1 - \bar{F})$; $W = 2a\,\bar{F}/(1-\bar{F})$; $H = \pi/\alpha$, $\alpha = \alpha_0(\bar{\gamma}/\gamma_0)$. In the following, the complicated problem of a cylindrical reactor of finite radius is considered. Here, the following expression is obtained for the height H:

$$H = y_H\left[\frac{\beta_0 - \beta_2}{\sqrt{1 - k^2}}\,\frac{\theta'(a)H(a)}{\theta_1(a)H_1(a)} + \beta_0\right],$$

θ, H, θ_1, and H_1 are Jacobi's theta functions.

$$H_{min} = \lim_{\beta_H \to \beta_0} \int_{\beta_0}^{\beta_H} \frac{\beta\, d\beta}{p} = \pi/\sqrt{\alpha^2/\beta_0^2 - \alpha_r^2}.$$

($N_z = ap$; $y_H = 2\sqrt{6}\,K/\sqrt{(\beta_1-\beta_0)(\beta_H-\beta_r)}\,\alpha_r$, K is a complete elliptic integral of the first kind). The heights

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84221

Neutron Flux Distribution in a Homogeneous Boiling-water Reactor

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B006/B070

obtained from the H-formula, and other quantities are shown in Table 1. Table 2 gives the neutron flux distribution with height (z from 0 to 208 cm; γ, p, and $N_z/N_{z_{max}}$);($p = d\beta/dy$; $\beta = dz/dy$). The author thanks Ya. V. Shevelev and B. L. Ioffe for advice, and A. D. Galanin for discussions and comments. There are 1 figure, 2 tables, and 4 Soviet references.

SUBMITTED: January 25, 1960

Card 4/4

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLIN, F.I.

Mechanized packing of window panes. Stek. i ker. 15 no.4:41-43 Ap '58. (MIRA 11:5)

(Plate-glass) (Packaging machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLIN, F.I.

Production line for breaking off, cutting, and packing glass. (MIRA 14:8)
Stek.i ker. 18 no.8:16-18 Ag '61.
(Glass manufacture)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLIN, F.I.

Improving the glass furnace. Stek.i ker. 18 no.9:12-15 S '61. (MIRA 14:10)

(Glass furnaces)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLINA, L.I.; ANISHCHENKO, V.P.; PUSHKAREV, V.D.; TORLIN, F.I.; BELOUSOV, N.P.; BELOUSOV, G.Ye.

Redesigning of the components of a glass furnace. Prom.energ. 17 no.7:6-7 Jl '62. (MIRA 15:7)
(Glass furnaces)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

LEBEDEV, I.K., kand.tekhn.nauk; KON'KOV, Ye.A., inzh.; TOKMOPOV, A.A., inzh.

Sludge of the wet preparation of coals of the Anzhero-Sudzhensk deposit as fuel. Izv. vys. ucheb. zav.; energ. 6 no.5:115-118 My '63. (MIRA 16:7)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut imeni S.M.Kirova. Predstavlena kafedroy kotlostroyeniya i kotel'nykh ustanovok Tomskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta.
(Kemerovo Province--Coal preparation--By-products)
(Power resources)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

LEBEDEV, I.K., kand. tekhn. nauk; TRIKASHNYY, N.V., inzh.; TORLOPOV, A.A., inzh.

Some properties of the ashes of coals from the Irsha-Borodino and Nazarovo deposits of the Kansk-Achinsk Basin. Teploenergetika 11 no.11:48-50 N '64. (MIRA 17:12)

1. Tomskiy politekhnicheskiy institut.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

SLOTSKIY, L.I., starshiy nauchnyy sotrudnik; TOOM, M.I.

Collagen and mucopolysaccharides of the menisci and adipose bodies of the knee joint in trauma and Hoffa's disease. Ortop., travm. i protez. 26 no.2:72 F '65. (MIRA 18:5)

1. Iz Rizhskogo instituta travmatologii i ortopedii (dir. - dotsent V.K.Kalnberz [V.Kalnberzs]). Adres avtorov: Riga 5, ul. Dzintara, dom 16/22, Institut travmatologii i ortopedii.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMAKHOV, D., polkovnik, voyennyy letchik pervogo klassa

Tactical skill of an air pilot. 1. Main criterion of combat readiness. Av. i kosm. 45 no.1:26-30 Ja '63. (MIRA 16:1)

(Aeronautics, Military)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMAKHOV, D., polkovnik, voyennyy letchik pervogo klassa

Tactical skill of an air pilot. Part 2: In an airplane over a battlefield. Av.i kosm. 45 no.2:42-46 F '63. (MIRA 16:2)
(Air warfare)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES

CA

87

Final ripening and harvesting time for Perilla ocymoides. M. S. Dunin, N. S. Torman, R. M. Krastova and K. A. Bulkova. *Trudui Nauch-Issledovatel. Inst. Lakov i Krasok*, No. 1 (*Film-forming substances*), 20-33(1935). — The growing and harvesting of the *Perilla ocymoides* seeds are described, and it is stated that the seeds contain 50.8 to 51.5% of an oil which is superior to linseed oil when used in *paints*. The following analysis reproduces the av. characteristics of the above seeds: H_2O 8-20, fats 51.30 to 51.07, ash 3.15 to 3.30%, I no. 198.6 to 202.4, acid no. 0.613 to 0.714, sapon. no. 182.15 to 186.62, n_D 1.4830 to 1.4835, color 58 to 76, d_{20} 0.9348 to 0.9358 and hexabromine no. 51.38 to 50.85. A. A. Boehtlingk

COMMON ELEMENTS

OPER

MATERIALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

B-2-7

Final ripening and harvesting time for *Perilla ocymoides*. M. S. Dunin, N. S. Torman, R. M. Erastova, and E. A. Bulkova (*Trud. Nauch.-Issled. Inst. Lakov i Krasok*, 1935, No. 1, 20—33).—The seeds contain 50·8—51·5% of an oil which is superior, for use in paints, to linseed oil. The seeds have: H_2O 8—19, fats 51·30—51·67, ash 3·15—3·39%, I val. 196·6—202·4, acid val. 0·613—0·714, sap. val. 182·15—186·62, n^{20} 1·4830—1·4835, colour 58—76, d^{20} 0·9348—0·9358, and hexabromide val. 54·38—59·83. Cn. Abs. (e)

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

19

CA

Classification of sand used for grinding plate glass. I. Tuglin. *Stekolnaya Prom.* 14, No. 0, 10-21(1939).--Tables give the granulometric compn. of sands used for grinding plate glass. M. V. Condoide

COMMON ELEMENTS

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

MIKLASHEVSKIY, S.N., inzh., assistent; TORLIN, M.D., inzh; PODKOPAY, V.P., inzh.

Operation of modernized steam locomotives. Zhel. dor. transp. 41 no.4:70-72 Ap '59. (MIRA 12:6)

1.Belorusskiy institut inzhenerov zheleznodorozhnogo transporta (for Miklashevskiy). 2.Nachal'nik parovoznogo depo Gomel' Belorusskoy dorogi (for Torlin). 3.Glavnyy inzhener depo Krasnyy Liman Donetskoy dorogi (for Podkopay).

(Locomotives)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORLINA, L.I.; ANISHCHENKO, V.P.; PUSHKAREV, V.D.; TORLIN, F.I.; BELOUSOV, N.P.; BELOUSOV, O.Ye.

Redesigning of the components of a glass furnace. Prom.energ. 17 no.7:6-7 Jl '62. (MIRA 15:7)
(Glass furnaces)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

H/008/60/000/009/001/002
B009/B057

AUTHORS: Halzl, József, Rétvári, László, Torma, Miklós

TITLE: Practicability and Economy of Small Atomic Thermal Power Plants

PERIODICAL: Energia és Atomtechnika, 1960, No. 9, pp. 381-387

TEXT: There are but few countries possessing such lavish resources of classical energy as could in the long run meet their ever-growing power demand. Hungary is using up its energy resources at the rate of about one per cent a year. It has been estimated for several countries, including Hungary, that by 1970 nuclear power could compete with classical energy resources. This paper deals with the method of calculating the economy of atomic thermal power plants without entering into numerical computations. The time period is calculated during which the building costs of an atomic power plant are covered by savings made as against coal power plants and, especially, low-pressure boiler installations. Savings made by an atomic thermal power plant are calculated next. At the limit of profitability, these savings are reduced to zero. On this basis, costs

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

Practicability and Economy of Small Atomic Thermal Power Plants

H/008/60/000/009/001/002
B009/B057

of a back-pressure atomic power plant may be calculated as against an equivalent condensation atomic power plant. This conversion is necessary, for prime cost of an atomic thermal power plant is not known. The following alternatives are considered: coal-fired back-pressure power plant, back-pressure atomic thermal power plant, and reactor-fed heating installation without power generation. The latter suggestion may be profitable in spite of the absence of power generation, for the prime cost of a reactor-fed heating installation decreases with temperature. Formulas for the calculation of the following alternatives are set up: coal-fired back-pressure power plant against back-pressure atomic thermal power plant and back-pressure atomic thermal power plant versus a pure reactor heating unit (without power generation). In Hungary, industrial heat demands are considerably higher than the calorific value of fuels used for electric power generation. Small consumers and such as have an irregular heat demand excepted, it may be assumed that within a reasonable period of time 40% of the total industrial boiler capacity of Hungary may be heated by reactors (To be continued). There are 3 figures and 3 tables.

ASSOCIATION: HŐTERV (Institute for the Design of Thermal Power Plants and Heating Installations)

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Outlook of atomic energy development in West Germany" by K.Wirtz. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom 13 no.4/5:163 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Economic questions of heat power plants to be built in the United Kingdom" by J.Moore. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom. 13 no.4/5:146-148 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Technical and economical questions relating to the application of steam power plants of supercritical pressure" by P.Profos. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom. 13 no.4/5:151-154 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

Economic tendency in producing, transporting, and utilizing fuel and energy in case of big profit. Energia es atom 13 no.4/5:155-156 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Use of coals with low calorific vaue in Yugoslavia's thermal power plants" by J.Mihajlov and T.Gregoric. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom 13 no.4/5:157-158 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Efforts for improving the efficiency of using fuels in England" by W.Macfarlane. Energia es atom 13 no.4/5:159-160 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Electric power production by large gas turbine units in Sweden" by L.Lingstrand and J.Schnittger. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom 13 no.4/5:167-169 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

Questions of utilizing geothermal energy. Energia es atom 13 no.4/5:176-177 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

"Investigation of India's future power demand" by A.Lahiri, M.S.Iyengar, A.K.Moitra, and A.K.Gupta. Reviewed by Jozsef Halzl and Miklos Torma. Energia es atom 13 no.4/5:187-188 Ap-My '60.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

S/194/62/000/009/087/100
D413/D308

9.4200

AUTHOR: Torma, Imre

TITLE: A device for suppressing parasitic resonance in a cavity resonator

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 9, 1962, abstract 9.7.158 ya (Hung. pat., cl. 21 a4, 4-13, no. 148788, Dec. 15, 1961)

TEXT: The coaxial resonator of a lighthouse-type valve is connected to a special cavity which absorbs the parasitic oscillations. (Távközlesi Kutató Intézet.) [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos; BARLAY, Karoly

Power development by customary fuels and the efficiency of its use. Energia es atom 14 no.4/5:155-174 My '61.

1. HOTERV (for Halzl and Torma). 2. Eromuveket Tervezo Iroda (for Barlay).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos; NASZALYI, Laszlo

Efficiency of the production and use of customary fuels; various applications. Energia es atom 14 no.4/5:178-190 My '61.

1. HOTERV (for Halzl and Torma). 2. Hotechnikai Kutato Intezet, es "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Naszalyi).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HEJJ, Attila; HAIZL, Jozsef; TORMA, Miklos; NEMETH, Laszlo; OCSAI, Mihaly

Establishment of nuclear reactors on industrial scales; fields of application. Energia es atom 14 no.4/5:209-214 My '61.

1. Eromuveket Tervezo Iroda (for Hejj, Nemeth, and Ocsai).
2. HOTERV (for Halzl and Torma).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

OCSAI, Mihaly; HAIZL, Jozsef; TORMA, Miklos; BARLAY, Karoly

Establishment of nuclear reactors on commercial scales; economic and social factors. Energia es atom 14 no.4/5:214-223 My '61.

1. Eromuvekat Tervezo Iroda (for Ocsai and Barlay).
2. HOTERV (for Halzl and Torma).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMA, I.

TECHNOLOGY

MERES ES AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos Egyesulet) Budapest.

TORMA, I. Reactive quardruple networks built up of coaxial-line sections. p. 259.

Vol. 6, no. 9, 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3 March 1959, Unclass.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

OCSAI, Mihaly; BACSKO, Mihaly; HAIZL, Jozsef; TORMA, Miklos; HEJJ, Attila

Operational correlation between power developments on regular and fission bases. Energia es atom 14 no.4/5:224-234 My '61.

1. Eromuveket Tervezo Iroda (for Ocsai, Bacsko, Hejj).
2. HOTERV (for Halzl and Torma).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

HALZL, Jozsef; TORMA, Miklos

Achievements of constructing large steam power plants up to now, and the possibilities of their further development. Energia es atom 14 no.2:49-58 F '61.

1. HOTERV.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMA, Miklos

The Kahl experimental atomic power station put into operation. Energia es atom 14 no.10:467 O '61.

(Germany, West—Nuclear engineering)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMA, Imre (Budapest XVIII., Kossuth u.107)

Old motorcycles. Auto motor 14 no.13:20 6 Jl '62

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMASI, Istvan, dr.

On the problem of clinical care for patients with diseases of the motor organs. Nepegeszsegugy 41 no.1:2-4 Ja '60.

1. Kozlemeny Komlo varos rendelointezetebol (igazgato: Laczhegyi Laszlo dr.).
(MOVEMENT DISORDERS ther)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMASI, Istvan, dr.; ZIMANYI, Laszlo, dr.

A rare case of multiple vertebral dislocations. Magy radiol. 13 no.2:111-114 Mr '61.

1. Komlo Varosi Tanacs Rendelontezet (igazgato: Laczhegyi Laszlo dr) Sebeszeti (foorvos: Tormasi Istvan dr.) es Rontgen (foorvos: Zimanyi Laszlo dr.) szakrendelesenek kozlemenye.
(SPINE fract & disloc)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMASI, Istvan, dr.; ZIMANYI, Laszlo, dr.

A rare case of displacement of the last lumbar vertebra.
Magy. radiol. 16 no.1:46-49 F'64.

1. A komloi Rendelointezet (igazgato: Horvath, Ferenc, dr.) sebeszeti (foorvos: Tormasi Istvan dr.) es Rontgen (foorvos: Zimanyi Laszlo dr.)osztalyanak kozlemenye.

*

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMOSOV, D.D.

Dubois symptom in late congenital syphilis. Vest.derm.i ven. 34 no.9:69-70 '60. (MIRA 13:11)

1. Iz Kaliningradskogo oblastnogo kozhno-venerologicheskogo dispansera (glavnyy vrach N.I. Mironov).
(SYPHILIS) (HAND--DISEASES)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

84150

S/112/59/000/013/028/067
A002/A001

9.4310 (2104, 1143, 1160)
9.4340 (1143, 1160, 1331)

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 13, p. 63, # 26656

AUTHOR: Tormasov, V. V.

TITLE: The Application of Germanium Diodes and Transistors in a Source of Primary Grid Control Pulses

PERIODICAL: Izv. N.-i. in-ta postoyan. toka, 1958, No. 3, pp. 197-200

TEXT: A description is given of a developed source of primary grid control pulses, which operates on germanium diodes and transistors. The source consists of: a) a bridge phase shifter, composed of a capacitance and a non-linear resistance (a germanium diode); b) a limiter-amplifier operating in the range of the phase shifter (a germanium transistor); c) a shaping element, composed of a transformer and a capacitor for obtaining narrow pulses of sufficient amplitude. The circuit has smaller dimensions and requires less power than known grid control circuits composed of peak transformers or electron tubes. The service life of semiconductor valves is higher than that of electron

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

84150
S/112/59/000/013/028/067
A002/A001

The Application of Germanium Diodes and Transistors in a Source of Primary Grid Control Pulses

tubes. A 50% decrease of the feed voltage has almost no effect on the amplitude and the pulse shape.

Ya. M. Ch.

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

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMASOV, V.V.

Investigating the locking of the rectifier in the transmission of direct current. Izv. NIIPT no.4:38-48 '59. (MIRA 13:2)

(Electric current rectifiers)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMASOV, V.V.

Dolginov, V.N.

8(3) PHASE I BOOK EXPLOITATION SOV/1586

Moscow. Nauchno-issledovatel'skiy institut postoyannogo toka

Peredacha energii postoyannym i peremennym tokom (Power Transmission by Direct and Alternating Current) Moscow, Gosenergoizdat, 1958. 334 p. (Series: Its: Izvestiya, sb. 3) 3,350 copies printed.

Ed.: Pintsov, A.M.; Tech. Ed.: Voronetskaya, L.V.; Editorial Board: Shchedrin, N.N., Doctor of Technical Sciences, Corresponding Member, Uzbek SSR Academy of Sciences, Professor (Chief Ed.); Gertsik, A.K., Engineer; Yemel'yanov, V.I., Candidate of Technical Sciences; Pimenov, V.P., Candidate of Technical Sciences; Pintsov, A.K., Candidate of Technical Sciences; Poses, A.V., Candidate of Technical Sciences; Sena, L.A., Doctor of Physical and Mathematical Sciences, Professor; Sonin, M.R., Engineer; Shakhtman, N.G., Candidate of Technical Sciences.

PURPOSE: This collection of articles, issued by the USSR Ministry of Electric Power Stations, is intended for scientists, engineers and designers of high-voltage overhead transmission lines.

Card 1/15

Tormasov, V.V. Application of Germanium Diodes and Triodes in the Primary Trigger Pulse Circuit of a Grid Control System 197

The replacement of peak transformers or vacuum tubes in the above type of circuit with semiconductor diodes and triodes produces many advantages, especially in reliability, service life, power consumption and overall reduction in size of apparatus. The control and protection laboratory of NIIPT carried out research on various aspects of the problem and worked out the design of this circuit (IPIP -- Istochnik pervichnyth impulsov na poluprovodnikakh). There are 4 diagrams and 1 Soviet reference.

S/196/61/000/008/023/026
E194/E155

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

AUTHOR: Tormasov, V.V.

TITLE: Grid-blocking of a three-phase bridge circuit with a single uncontrolled group of valves

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.8, 1961, 11, abstract 8E65. ("Izv. N.-i. in-ta postoyan. toka", 1960, 6, 141-148)

TEXT: The Leningrad Physicotechnical Institute of AS USSR has developed small-sized germanium diodes for an inverse voltage of 200 V and a mean current up to 1000 A, with an efficiency up to 99.5%. Silicon diodes are being developed for the same current and 3 - 4 times greater voltage. The use of these diodes in low-voltage rectifier equipment gives considerable economic advantage. However, the diodes are not controlled, which makes them difficult to use in installations requiring grid control and grid protection. It is proposed that low-voltage 3-phase bridge-connected rectifiers requiring grid control should be provided with three high-output uncontrolled diodes and three grid-controlled mercury rectifiers. Analysis shows that this arrangement can

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Grid-blocking of a three-phase S/196/61/000/008/023/026
E194/E155

provide both grid control of voltage and grid protection. However, such a rectifier will not block if the ratio of the inductance of the smoothing reactor to the leakage inductance of the transformer phases is below a certain value. A graphical method is given for determining the permissible inductance of the reactor.

[Abstractor's note: Complete translation.]

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ACCESSION NR: [illegible]

[illegible] of the line voltage, [illegible]

[illegible] has: [illegible] figures and [illegible]

ASSOCIATION: NVII

SUBMITTED: 22Nov63

ENCL: [illegible]

SUB CODE: EE

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OLSUF'YEV, N.G.; TSVETKOVA, Ye.M.; BORODIN, V.P.; KOROLEVA, A.P.; SIL'CHENKO, V.S.; KHOROSHEV, I.G.; MYASNIKOV, Yu.A.; PERFIL'YEVA, Z.A.; KRATOKHVIL' N.I.; VAYSTIKH, M.A.; RAVDONIKAS, O.V.; BARANOVA, N.K.; ZIMINA, V.Ye.; TORMASOVA, L.N.; USTIN-PETROVA, T.F.; AMEF'YEV, S.S.; KONKINA, N.S.; KUL'BA, A.P.; MAL'TSEVA, N.K.; SHELANOVA, G.M.; SORINA, A.M.; BRANITSKAYA, V.S.; PRUDNIKOVA, M.N.

Tularin from a vaccinal strain for epicutaneous use. Zhur. mikrobiol.epid. i immun. 27 no.9:22-28 S '56. (MLRA 9:10)

1. Iz Instituta epidemiologii i mikrobiologii im. N.F.Gamelei AMN SSSR i protivotuliaremiynykh stantsiy Stalingradskoy, Voronezhskoy, Tul'skoy, Plavskoy, Omskoy, Krasnodarskoy, Moskovskoy i Smolenskoy.
(TULAREMIA, diagnosis,
tularin epicutaneous test (Rus))

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

AID P - 5017

Subject : USSR/Electronics

Card 1/1 Pub. 89 - 2/14

Author : Tormazov, F.

Title : New radio equipment

Periodical : Radio, #9, 15-16, S 1956

Abstract : The author describes new radio receivers: the radiola "Dnepropetrovsk", the portable radio receiver "Malysh", the portable radiola "Kazan'" and the universal radio-gramophone "Tayga". Three drawings.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMAZOV, F.

New radio and television equipment. Radio no.8:16-18 Ag '56. (MLRA 9:10)
(Radio--Receivers and reception)(Television--Receivers and reception)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

AID P - 4936

Subject : USSR/Electronics

Card 1/1 Pub. 89 - 3/18

Author : Tormazov, F.

Title : New equipment

Periodical : Radio, 8, 16-19, Ag 1956

Abstract : The author describes the newly-introduced television receivers calculated for the reception of five channels and of ultrashort wave FM broadcasts in the range 66 to 72 Mc. TV receivers "START", "REKORD", and "RUBIN", radio receivers "DAUGAVA" and "TURIST" and a magnetic recorder "YAUZA" are described as well as new types of TV antennas. Eight drawings.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMAZOV, F.

AID P - 4344

Subject : USSR/Radio

Card 1/1 Pub. 89 - 4/15

Author : Tormazov, F.

Title : New appliances

Periodical : Radio, 2, 20-23, F 1956

Abstract : The author gives detailed descriptions of: the "Estonia-55" long-playing, 12-tube, 5-way record player; the "Belarus'-2" television set, with a 180 x 240 mm screen; the "VEF-akkord" radio set for short- medium- and long-waves; the "Oka" combined radio and phonograph set; and the "TEGK-2-2" thermoelectric generator used instead of batteries in radio sets of the "Rodina-47", "Rodina-52" and "Iskra" types. Eight diagrams.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

107-57-1-28/60

AUTHOR: Tormazov, F.

TITLE: New Equipment (Novaya apparatura)

PERIODICAL: Radio, 1957, Nr 1, pp 19-21 (USSR)

ABSTRACT: "Belarus'-57" is a 10-tube radio-broadcast superheterodyne receiver with the following bands: long-wave, 150-415 kc; medium-wave, 520-1,600 kc; shortwave, 8.82-12.1, 5.56-7.7, and 3.95-5.56 mc (AM); and a VHF band of 64.5-73 mc (FM). An external antenna or an internal magnetic antenna can be used for reception of long- and medium-wave bands; an internal dipole antenna serves for VHF reception. Peanut-size tubes and 8 semiconductor diodes are used in the receiver; of them four DG-Ts24 diodes are used in rectifier. Three VGD-1 and two ZGD-M3 loudspeakers are mounted in the cabinet. The sensitivity is 50 μv for a 50-mw output and 20-db signal-to-noise ratio, for long-wave, medium-wave and shortwave bands. The sensitivity in the VHF band is 20 μv. Other characteristics of the receiver are also given.
"Oktava" is a 7-tube superheterodyne radio receiver with the following bands: long-wave, 722.9-2,000 m; medium-wave, 187.5-577 m; shortwave, 24.8-33.9 and 40.0-75.9 m (AM); and a VHF band of 4.11-4.65 m (FM). An internal magnetic antenna serves for long- and medium-wave bands. Two 2GD-3 and two 1GD-9 loudspeakers are used in the receiver. The sensitivity is 200 μv or better at a 50-mw output and 20-db signal-to-noise ratio. Frequency response is 3.5 and 8 kc (AM) or 160 kc at FM. Other data is

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107-57-1-28/60

New Equipment

given in the article.
"Mir" is a console-type TV set designed for 5 TV channels and for VHF FM radio reception. It has 21 tubes and 10 semiconductor diodes, and its receivers are of the superheterodyne type. A 53LK2B kinescope with a 440 x 330 mm screen is used. The TV-set sensitivity is 100 μv or better. Other data is given.
"Neva" is a TV set similar to the "Mir" in many features. Certain performance characteristics of the "Neva" TV set are inferior to those of the "Mir".
There are 7 figures in the article.

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has a circuit diagram similar to that of the "Lyuks" combination (see 107-57-2-39/56). Other electrical and acoustical characteristics of the above radio receivers are detailed in the article.
The double sound track "El'fa-10" tape recorder has a tape speed of 19.05 cm/sec and can record or play for 30 minutes with a 180-m tape using both tracks. It is equipped with record-playback and erasing heads. The tape transport mechanism is controlled by a 5-key keyboard switch. The amplifier is designed with one 6N2P and two 6N1P tubes; a 6E5S tube serves to monitor the recording level. A DC power supply rectifier is designed with a 6Ts4P kenotron. The frequency response is claimed to be 70 to 8,000 cps. The rated output power is 1 w. The sensitivity at the microphone input is 3 mv or better. The power supply is 127 or 220 v, 70 w.

There are 10 figures and 1 Soviet reference in the article.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

AUTHOR: Tormozov, F. 107-58-3-14/41

TITLE: New Radio Apparatus (Novaya apparatura)

PERIODICAL: Radio, 1958, Nr 3, pp 19 - 20 (USSR)

ABSTRACT: The article contains brief information on new equipment. The TV set "Yenisey" is a modification of the "Avangard-55", equipped with 17 miniature tubes and the Kinescope "35LK2B". Its price is 1,600 Rubles. The TV set is designed for reception on five TV channels and ultra short wave (FM) broadcasts. It has a power consumption of 160 watts The sensitivity of the videa and aural channel is 300 microvolt/m. The definition is 450 lines for the vertical wedge in the center of the test table. The radio phonograph combination "Minsk-58" has short, medium and long wave AM ranges (with exterior antenna the sensitivity is 150 microvolts/m; with magnetic antenna 10 millivolts/m) and one ultra short wave (FM) range (20 microvolt/m sensitivity). The nominal output is 2 watts. The power consumption for radio reception is 60 watts, for record playing 75 watts. The overall dimensions of the radio are 590x330x426 mm; the price is 1,400 Rubles. The record player has two speeds, 33⅓ and 78 rpm. The

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tape recorder "Melodiya" is manufactured by one of the Novosibirsk plants and should not be confused with a tape recorder of the same name, described in "Radio", 1957, Nr 3. The tape recorder has two-track recording at 9 53 cm/sec and 19.05 cm/sec. At 19.05 cm/sec, recordings or reproduction of a duration of 30 minutes may be made on one track. The range of reproduced frequencies is 100 - 6,000 cycles at 9.53 cm/sec and 50 - 10,000 cycles at 19.05 cm/sec. Recordings may be made by means of a dynamic microphone, from a record player, radio or wire broadcast receiver. The tape recorder costs 2,900 Rubles and weighs 24 kg. The Moskovskiy transformatornyy zavod (Moscow Transformer Plant) produces the autotransformer regulator "ARH-250", designed for providing a stable power supply to radio receivers and TV sets having a power consumption of more than 250 watts. This regulator maintains the nominal voltage of 127 or 220 volts at voltage fluctuations of the power mains between 85 and 140 or 140 and 250 volts respectively. The price of the voltage regulator is 150 Rubles. The Minsk plant of the Belorussian Sovnarkhoz is

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

New Radio Apparatus 107-58-3-14/41

producing a radio stand, 720x640x340 mm, with a built-in, two-speed record player. The stand is sold together with the receiver "Belarus'-57". The price of the stand is 600 Rubles. There are five drawings.

1. Radio--Equipment--Characteristics

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

TORMOZOV, F.

USSR/Electronics - Radio

Card : 1/1

Authors : Tormozov, F., Moscow

Title : Novelties in radio sets and radiolas (record playing machines)

Periodical : Radio, No. 4, 36 - 37, April 1954

Abstract : Latest improvements on the following units are described and illustrated: Radio-receiver "Riga-6"; Radiola "Record - 53"; Radiola "Kama," and Radiola "Ural - 53".

Institution : ....

Submitted : ....

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320012-4

Tormozov, F.

USSR/Electronics - Radio equipment

Card 1/1 Pub. 89 - 14/29

Authors : Tormozov, F.

Title : New radio sets and equipment

Periodical : Radio 9, 34-35, Sep 1954

Abstract : The following new Soviet radio-sets and electronic equipment are briefly described: 1) Radio and recorder combination "Chayka"; 2) "Zvezda-54" radio-receiver; 3) magnetophone attachment MP-1(МП-1); 4) universal play-back UP-1D(УП-1Д); 5) universal radio gramophone URG-1(УРГ-1), and 6) voltage-stabilizers. Illustrations.

Institution : ...

Submitted : ...

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